

LAB CHRONICLE

OrderID:	Q3399	OrderDate:	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	COMP-ROLLOFF	SOIL			10/20/25			10/20/25
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	COMP-ROLLOFF	TCLP			10/20/25			10/20/25
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

Hit Summary Sheet
SW-846

SDG No.: Q3399

Order ID: Q3399

Client: ICE Service Group, Inc.

Project ID: NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : COMP-ROLLOFF									
Q3399-01	COMP-ROLLOFF	SOIL	Dieldrin	0.25	J	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	4,4-DDE	0.21	J	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	Endrin	0.38	JP	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	4,4-DDT	0.75	JP	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	alpha-Chlordane	0.37	J	0.13	0.37	1.90	ug/kg
Total Concentration:				1.960					



SAMPLE DATA

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF		SDG No.:	Q3399
Lab Sample ID:	Q3399-01		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	89.9
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.37	U	1	0.14	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
319-85-7	beta-BHC	0.92	U	1	0.20	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
319-86-8	delta-BHC	0.92	U	1	0.43	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
58-89-9	gamma-BHC (Lindane)	0.37	U	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
76-44-8	Heptachlor	0.37	U	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
309-00-2	Aldrin	0.37	U	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
1024-57-3	Heptachlor epoxide	0.92	U	1	0.21	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
959-98-8	Endosulfan I	0.37	U	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
60-57-1	Dieldrin	0.25	J	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-55-9	4,4-DDE	0.21	J	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-20-8	Endrin	0.38	JP	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
33213-65-9	Endosulfan II	0.92	U	1	0.32	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
72-54-8	4,4-DDD	0.37	U	1	0.17	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
1031-07-8	Endosulfan Sulfate	0.37	U	1	0.14	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
50-29-3	4,4-DDT	0.75	JP	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-43-5	Methoxychlor	0.92	U	1	0.41	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
53494-70-5	Endrin ketone	0.92	U	1	0.21	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
7421-93-4	Endrin aldehyde	0.92	U	1	0.41	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
5103-71-9	alpha-Chlordane	0.37	J	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
5103-74-2	gamma-Chlordane	0.37	U	1	0.17	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 15:40	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	16.0			55 - 130		80%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			42 - 129		97%	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



QC SUMMARY

Surrogate Summary

SDG No.: **Q3399**

Client: **ICE Service Group, Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30	135
		Tetrachloro-m-xyl	1	20	19.4	97		44	124
		Decachlorobiphen	2	20	20.3	102		30	135
		Tetrachloro-m-xyl	2	20	20.0	100		44	124
I.BLK-PD090753.D	PIBLK-PD090753.D	Decachlorobiphen	1	20	22.1	111		30	135
		Tetrachloro-m-xyl	1	20	19.9	99		44	124
		Decachlorobiphen	2	20	25.1	126		30	135
		Tetrachloro-m-xyl	2	20	20.7	104		44	124
PB170205BL	PB170205BL	Decachlorobiphen	1	20	21.5	107		55	130
		Tetrachloro-m-xyl	1	20	19.9	99		42	129
		Decachlorobiphen	2	20	24.3	121		55	130
		Tetrachloro-m-xyl	2	20	20.4	102		42	129
PB170205BS	PB170205BS	Decachlorobiphen	1	20	21.6	108		55	130
		Tetrachloro-m-xyl	1	20	16.9	84		42	129
		Decachlorobiphen	2	20	24.5	123		55	130
		Tetrachloro-m-xyl	2	20	17.3	86		42	129
Q3399-01	COMP-ROLLOFF	Decachlorobiphen	1	20	14.8	74		55	130
		Tetrachloro-m-xyl	1	20	18.3	91		42	129
		Decachlorobiphen	2	20	16.0	80		55	130
		Tetrachloro-m-xyl	2	20	19.4	97		42	129
I.BLK-PD090763.D	PIBLK-PD090763.D	Decachlorobiphen	1	20	21.0	105		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	21.0	105		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
Q3399-01MS	COMP-ROLLOFFMS	Decachlorobiphen	1	20	14.1	70		55	130
		Tetrachloro-m-xyl	1	20	17.7	89		42	129
		Decachlorobiphen	2	20	15.3	77		55	130
		Tetrachloro-m-xyl	2	20	19.1	96		42	129
Q3399-01MSD	COMP-ROLLOFFMSD	Decachlorobiphen	1	20	14.3	72		55	130
		Tetrachloro-m-xyl	1	20	17.5	88		42	129
		Decachlorobiphen	2	20	15.7	79		55	130
		Tetrachloro-m-xyl	2	20	19.4	97		42	129
I.BLK-PD090772.D	PIBLK-PD090772.D	Decachlorobiphen	1	20	21.4	107		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	24.0	120		30	135
		Tetrachloro-m-xyl	2	20	20.5	103		44	124

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PD090768.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
			Result								High		
Lab Sample ID:	Q3399-01MS (Column 1)	Client Sample ID:		COMP-ROLLOFFMS									
	alpha-BHC	18.48	0	18.2	ug/kg	98				45	137		
	beta-BHC	18.48	0	17.5	ug/kg	95				50	136		
	delta-BHC	18.48	0	18.1	ug/kg	98				47	139		
	gamma-BHC (Lindane)	18.48	0	17.7	ug/kg	96				49	135		
	Heptachlor	18.48	0	20.9	ug/kg	113				47	136		
	Aldrin	18.48	0	17.8	ug/kg	96				45	136		
	Heptachlor epoxide	18.48	0	18.1	ug/kg	98				52	136		
	Endosulfan I	18.48	0	17.7	ug/kg	96				53	132		
	Dieldrin	18.48	0	18.0	ug/kg	97				56	136		
	4,4'-DDE	18.48	0.21	17.6	ug/kg	94				56	134		
	Endrin	18.48	0.19	17.9	ug/kg	96				57	140		
	Endosulfan II	18.48	0	16.8	ug/kg	91				53	134		
	4,4'-DDD	18.48	0	18.4	ug/kg	100				56	139		
	Endosulfan sulfate	18.48	0	17.4	ug/kg	94				55	136		
	4,4'-DDT	18.48	0.22	18.5	ug/kg	99				50	141		
	Methoxychlor	18.48	0	18.0	ug/kg	97				52	143		
	Endrin ketone	18.48	0	18.0	ug/kg	97				55	136		
	Endrin aldehyde	18.48	0	17.6	ug/kg	95				35	137		
	alpha-Chlordane	18.48	0.37	17.7	ug/kg	94				54	133		
	gamma-Chlordane	18.48	0	17.6	ug/kg	95				53	135		
Lab Sample ID:	Q3399-01MS (Column 2)	Client Sample ID:		COMP-ROLLOFFMS									
	alpha-BHC	18.48	0	17.6	ug/kg	95				45	137		
	beta-BHC	18.48	0	17.5	ug/kg	95				50	136		
	delta-BHC	18.48	0	17.7	ug/kg	96				47	139		
	gamma-BHC (Lindane)	18.48	0	17.6	ug/kg	95				49	135		
	Heptachlor	18.48	0	18.1	ug/kg	98				47	136		
	Aldrin	18.48	0	17.8	ug/kg	96				45	136		
	Heptachlor epoxide	18.48	0	17.6	ug/kg	95				52	136		
	Endosulfan I	18.48	0	17.7	ug/kg	96				53	132		
	Dieldrin	18.48	0.25	17.9	ug/kg	96				56	136		
	4,4'-DDE	18.48	0.18	18.0	ug/kg	96				56	134		
	Endrin	18.48	0.38	17.9	ug/kg	95				57	140		
	Endosulfan II	18.48	0	18.2	ug/kg	98				53	134		
	4,4'-DDD	18.48	0	17.4	ug/kg	94				56	139		
	Endosulfan sulfate	18.48	0	18.5	ug/kg	100				55	136		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PD090768.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
		Result	Result							High		
4,4'-DDT	18.48	0.75	19.2	ug/kg	100				50	141		
Methoxychlor	18.48	0	18.9	ug/kg	102				52	143		
Endrin ketone	18.48	0	18.9	ug/kg	102				55	136		
Endrin aldehyde	18.48	0	18.3	ug/kg	99				35	137		
alpha-Chlordane	18.48	0.27	17.9	ug/kg	95				54	133		
gamma-Chlordane	18.48	0	17.9	ug/kg	97				53	135		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PD090769.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits		RPD
			Result					RPD	Qual		High		
Lab Sample ID:	Q3399-01MSD (Column 1)	Client Sample ID:		COMP-ROLLOFFMSD									
	alpha-BHC	18.49	0	18.5	ug/kg	100		2		45	137		20
	beta-BHC	18.49	0	17.7	ug/kg	96		1		50	136		20
	delta-BHC	18.49	0	18.5	ug/kg	100		2		47	139		20
	gamma-BHC (Lindane)	18.49	0	18.0	ug/kg	97		1		49	135		20
	Heptachlor	18.49	0	21.3	ug/kg	115		2		47	136		20
	Aldrin	18.49	0	18.1	ug/kg	98		2		45	136		20
	Heptachlor epoxide	18.49	0	18.3	ug/kg	99		1		52	136		20
	Endosulfan I	18.49	0	18.0	ug/kg	97		1		53	132		20
	Dieldrin	18.49	0	18.3	ug/kg	99		2		56	136		20
	4,4'-DDE	18.49	0.21	18.1	ug/kg	97		3		56	134		20
	Endrin	18.49	0.19	18.3	ug/kg	98		2		57	140		20
	Endosulfan II	18.49	0	17.1	ug/kg	92		1		53	134		20
	4,4'-DDD	18.49	0	18.7	ug/kg	101		1		56	139		20
	Endosulfan sulfate	18.49	0	17.7	ug/kg	96		2		55	136		20
	4,4'-DDT	18.49	0.22	19.0	ug/kg	102		3		50	141		20
	Methoxychlor	18.49	0	18.3	ug/kg	99		2		52	143		20
	Endrin ketone	18.49	0	18.4	ug/kg	100		3		55	136		20
	Endrin aldehyde	18.49	0	18.0	ug/kg	97		2		35	137		20
	alpha-Chlordane	18.49	0.37	17.7	ug/kg	94		0		54	133		20
	gamma-Chlordane	18.49	0	17.9	ug/kg	97		2		53	135		20
Lab Sample ID:	Q3399-01MSD (Column 2)	Client Sample ID:		COMP-ROLLOFFMSD									
	alpha-BHC	18.49	0	17.9	ug/kg	97		2		45	137		20
	beta-BHC	18.49	0	17.7	ug/kg	96		1		50	136		20
	delta-BHC	18.49	0	18.0	ug/kg	97		1		47	139		20
	gamma-BHC (Lindane)	18.49	0	17.9	ug/kg	97		2		49	135		20
	Heptachlor	18.49	0	18.3	ug/kg	99		1		47	136		20
	Aldrin	18.49	0	18.0	ug/kg	97		1		45	136		20
	Heptachlor epoxide	18.49	0	17.8	ug/kg	96		1		52	136		20
	Endosulfan I	18.49	0	17.9	ug/kg	97		1		53	132		20
	Dieldrin	18.49	0.25	18.2	ug/kg	97		1		56	136		20
	4,4'-DDE	18.49	0.18	18.3	ug/kg	98		2		56	134		20
	Endrin	18.49	0.38	18.0	ug/kg	95		0		57	140		20
	Endosulfan II	18.49	0	18.6	ug/kg	101		3		53	134		20
	4,4'-DDD	18.49	0	17.7	ug/kg	96		2		56	139		20
	Endosulfan sulfate	18.49	0	18.8	ug/kg	102		2		55	136		20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PD090769.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	18.49	0.75	19.7	ug/kg	102		2		50	141	20
Methoxychlor	18.49	0	19.3	ug/kg	104		2		52	143	20
Endrin ketone	18.49	0	19.2	ug/kg	104		2		55	136	20
Endrin aldehyde	18.49	0	18.6	ug/kg	101		2		35	137	20
alpha-Chlordane	18.49	0.27	18.2	ug/kg	97		2		54	133	20
gamma-Chlordane	18.49	0	18.2	ug/kg	98		1		53	135	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	Datafile :	<u>PD090757.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170205BS (Column 1)	alpha-BHC	16.65	15.0	ug/kg	90				45	137	
	beta-BHC	16.65	14.7	ug/kg	88				50	136	
	delta-BHC	16.65	15.2	ug/kg	91				47	139	
	gamma-BHC (Lindane)	16.65	14.9	ug/kg	89				49	135	
	Heptachlor	16.65	17.9	ug/kg	108				47	136	
	Aldrin	16.65	15.2	ug/kg	91				45	136	
	Heptachlor epoxide	16.65	15.4	ug/kg	92				52	136	
	Endosulfan I	16.65	15.2	ug/kg	91				53	132	
	Dieldrin	16.65	15.5	ug/kg	93				56	136	
	4,4'-DDE	16.65	15.0	ug/kg	90				56	134	
	Endrin	16.65	15.4	ug/kg	92				57	140	
	Endosulfan II	16.65	15.6	ug/kg	94				53	134	
	4,4'-DDD	16.65	16.1	ug/kg	97				56	139	
	Endosulfan sulfate	16.65	15.4	ug/kg	92				55	136	
	4,4'-DDT	16.65	16.2	ug/kg	97				50	141	
	Methoxychlor	16.65	16.0	ug/kg	96				52	143	
	Endrin ketone	16.65	15.8	ug/kg	95				55	136	
	Endrin aldehyde	16.65	15.8	ug/kg	95				35	137	
	alpha-Chlordane	16.65	14.8	ug/kg	89				54	133	
	gamma-Chlordane	16.65	15.1	ug/kg	91				53	135	
PB170205BS (Column 2)	alpha-BHC	16.65	14.8	ug/kg	89				45	137	
	beta-BHC	16.65	14.9	ug/kg	89				50	136	
	delta-BHC	16.65	15.1	ug/kg	91				47	139	
	gamma-BHC (Lindane)	16.65	14.9	ug/kg	89				49	135	
	Heptachlor	16.65	15.4	ug/kg	92				47	136	
	Aldrin	16.65	15.1	ug/kg	91				45	136	
	Heptachlor epoxide	16.65	15.1	ug/kg	91				52	136	
	Endosulfan I	16.65	14.9	ug/kg	89				53	132	
	Dieldrin	16.65	15.6	ug/kg	94				56	136	
	4,4'-DDE	16.65	15.5	ug/kg	93				56	134	
	Endrin	16.65	15.6	ug/kg	94				57	140	
	Endosulfan II	16.65	15.8	ug/kg	95				53	134	
	4,4'-DDD	16.65	15.9	ug/kg	95				56	139	
	Endosulfan sulfate	16.65	16.0	ug/kg	96				55	136	
	4,4'-DDT	16.65	16.5	ug/kg	99				50	141	
	Methoxychlor	16.65	16.5	ug/kg	99				52	143	
	Endrin ketone	16.65	16.8	ug/kg	101				55	136	
	Endrin aldehyde	16.65	16.2	ug/kg	97				35	137	
	alpha-Chlordane	16.65	15.3	ug/kg	92				54	133	
	gamma-Chlordane	16.65	15.3	ug/kg	92				53	135	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170205BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170205BL

Lab File ID: PD090756.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025

Date Analyzed (2): 10/22/2025

Time Analyzed (1): 15:13

Time Analyzed (2): 15:13

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170205BS	PB170205BS	PD090757.D	10/22/2025	10/22/2025
COMP-ROLLOFF	Q3399-01	PD090758.D	10/22/2025	10/22/2025
COMP-ROLLOFFMS	Q3399-01MS	PD090768.D	10/22/2025	10/22/2025
COMP-ROLLOFFMSD	Q3399-01MSD	PD090769.D	10/22/2025	10/22/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170205BL		SDG No.:	Q3399
Lab Sample ID:	PB170205BL		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541	Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.33	U	1	0.13	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
319-85-7	beta-BHC	0.83	U	1	0.18	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
319-86-8	delta-BHC	0.83	U	1	0.39	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
58-89-9	gamma-BHC (Lindane)	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
76-44-8	Heptachlor	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
309-00-2	Aldrin	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
1024-57-3	Heptachlor epoxide	0.83	U	1	0.19	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
959-98-8	Endosulfan I	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
60-57-1	Dieldrin	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-55-9	4,4-DDE	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-20-8	Endrin	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
33213-65-9	Endosulfan II	0.83	U	1	0.29	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
72-54-8	4,4-DDD	0.33	U	1	0.15	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
1031-07-8	Endosulfan Sulfate	0.33	U	1	0.13	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
50-29-3	4,4-DDT	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-43-5	Methoxychlor	0.83	U	1	0.37	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
53494-70-5	Endrin ketone	0.83	U	1	0.19	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
7421-93-4	Endrin aldehyde	0.83	U	1	0.37	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
5103-71-9	alpha-Chlordane	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
5103-74-2	gamma-Chlordane	0.33	U	1	0.15	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
8001-35-2	Toxaphene	17.0	U	1	5.40	17.0	33.0	ug/kg	10/22/25 15:13	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.3			55 - 130		121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.4			42 - 129		102%	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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/17/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090647.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/17/25	pd101725
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.3			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			44 - 124		100%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090753.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090753.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	25.1			30 - 135		126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.7			44 - 124		104%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090763.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090763.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	Pesticide-TCL
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.0			30 - 135		105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			44 - 124		103%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090772.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090772.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	Pesticide-TCL
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.0			30 - 135		120%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			44 - 124		103%	SPK: 20		

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() = Laboratory InHouse Limit

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170205BS		SDG No.:	Q3399
Lab Sample ID:	PB170205BS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541	Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	15.0		1	0.13	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
319-85-7	beta-BHC	14.9		1	0.18	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
319-86-8	delta-BHC	15.2		1	0.39	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
58-89-9	gamma-BHC (Lindane)	14.9		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
76-44-8	Heptachlor	17.9		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
309-00-2	Aldrin	15.2		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
1024-57-3	Heptachlor epoxide	15.4		1	0.19	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
959-98-8	Endosulfan I	15.2		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
60-57-1	Dieldrin	15.6		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-55-9	4,4-DDE	15.5		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-20-8	Endrin	15.6		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
33213-65-9	Endosulfan II	15.8		1	0.29	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
72-54-8	4,4-DDD	16.1		1	0.15	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
1031-07-8	Endosulfan Sulfate	16.0		1	0.13	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
50-29-3	4,4-DDT	16.5		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-43-5	Methoxychlor	16.5		1	0.37	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
53494-70-5	Endrin ketone	16.8		1	0.19	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
7421-93-4	Endrin aldehyde	16.2		1	0.37	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
5103-71-9	alpha-Chlordane	15.3		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
5103-74-2	gamma-Chlordane	15.3		1	0.15	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
8001-35-2	Toxaphene	17.0	U	1	5.40	17.0	33.0	ug/kg	10/22/25 15:26	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.5			55 - 130		123%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			42 - 129		86%	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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS		SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	89.9
Sample Wt/Vol:	30.09 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	18.2		1	0.14	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
319-85-7	beta-BHC	17.5		1	0.20	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
319-86-8	delta-BHC	18.1		1	0.43	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
58-89-9	gamma-BHC (Lindane)	17.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
76-44-8	Heptachlor	20.9		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
309-00-2	Aldrin	17.8		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
1024-57-3	Heptachlor epoxide	18.1		1	0.21	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
959-98-8	Endosulfan I	17.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
60-57-1	Dieldrin	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-55-9	4,4-DDE	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-20-8	Endrin	17.9		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
33213-65-9	Endosulfan II	18.2		1	0.32	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
72-54-8	4,4-DDD	18.4		1	0.17	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
1031-07-8	Endosulfan Sulfate	18.5		1	0.14	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
50-29-3	4,4-DDT	19.2		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-43-5	Methoxychlor	18.9		1	0.41	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
53494-70-5	Endrin ketone	18.9		1	0.21	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
7421-93-4	Endrin aldehyde	18.3		1	0.41	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
5103-71-9	alpha-Chlordane	17.9		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
5103-74-2	gamma-Chlordane	17.9		1	0.17	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 18:11	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	15.3			55 - 130		77%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.1			42 - 129		96%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD		SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	89.9
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	18.5		1	0.14	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
319-85-7	beta-BHC	17.7		1	0.20	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
319-86-8	delta-BHC	18.5		1	0.43	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
58-89-9	gamma-BHC (Lindane)	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
76-44-8	Heptachlor	21.3		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
309-00-2	Aldrin	18.1		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
1024-57-3	Heptachlor epoxide	18.3		1	0.21	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
959-98-8	Endosulfan I	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
60-57-1	Dieldrin	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-55-9	4,4-DDE	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-20-8	Endrin	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
33213-65-9	Endosulfan II	18.6		1	0.32	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
72-54-8	4,4-DDD	18.7		1	0.17	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
1031-07-8	Endosulfan Sulfate	18.8		1	0.14	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
50-29-3	4,4-DDT	19.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-43-5	Methoxychlor	19.3		1	0.41	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
53494-70-5	Endrin ketone	19.2		1	0.21	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
7421-93-4	Endrin aldehyde	18.6		1	0.41	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
5103-71-9	alpha-Chlordane	18.2		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
5103-74-2	gamma-Chlordane	18.2		1	0.17	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 18:25	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	15.7			55 - 130		79%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			42 - 129		97%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3399</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3399</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Instrument ID: ECD_D Date(s) Analyzed: 10/17/2025 10/17/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Instrument ID: ECD_D Date(s) Analyzed: 10/17/2025 10/17/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 14:59

Initial Calibration Time(s): 11:34

12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 14:59

Initial Calibration Time(s): 11:34

12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.18	6.17	6.07	6.27	-0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.702	6.600	6.800	50.540	50.000	1.1
4,4'-DDE	6.192	6.090	6.290	47.660	50.000	-4.7
4,4'-DDT	7.018	6.915	7.115	50.860	50.000	1.7
Aldrin	5.265	5.164	5.364	48.440	50.000	-3.1
alpha-BHC	3.994	3.894	4.094	48.140	50.000	-3.7
alpha-Chlordane	6.022	5.921	6.121	48.240	50.000	-3.5
beta-BHC	4.513	4.412	4.612	47.070	50.000	-5.9
Decachlorobiphenyl	9.068	8.964	9.164	46.320	50.000	-7.4
delta-BHC	4.761	4.660	4.860	48.380	50.000	-3.2
Dieldrin	6.342	6.240	6.440	52.600	50.000	5.2
Endosulfan I	6.069	5.968	6.168	48.290	50.000	-3.4
Endosulfan II	6.783	6.681	6.881	48.960	50.000	-2.1
Endosulfan sulfate	7.146	7.045	7.245	48.270	50.000	-3.5
Endrin	6.570	6.468	6.668	47.990	50.000	-4.0
Endrin aldehyde	6.912	6.810	7.010	49.240	50.000	-1.5
Endrin ketone	7.627	7.525	7.725	49.560	50.000	-0.9
gamma-BHC (Lindane)	4.326	4.225	4.425	47.990	50.000	-4.0
gamma-Chlordane	5.941	5.840	6.040	48.010	50.000	-4.0
Heptachlor	4.924	4.823	5.023	57.070	50.000	14.1
Heptachlor epoxide	5.685	5.584	5.784	49.030	50.000	-1.9
Methoxychlor	7.490	7.388	7.588	49.890	50.000	-0.2
Tetrachloro-m-xylene	3.545	3.445	3.645	46.510	50.000	-7.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.821	6.021	50.670	50.000	1.3
4,4'-DDE	5.366	5.266	5.466	49.060	50.000	-1.9
4,4'-DDT	6.175	6.074	6.274	52.370	50.000	4.7
Aldrin	4.360	4.261	4.461	48.160	50.000	-3.7
alpha-BHC	3.386	3.287	3.487	47.870	50.000	-4.3
alpha-Chlordane	5.181	5.081	5.281	48.660	50.000	-2.7
beta-BHC	4.018	3.919	4.119	47.530	50.000	-4.9
Decachlorobiphenyl	8.062	7.962	8.162	54.910	50.000	9.8
delta-BHC	4.254	4.155	4.355	48.500	50.000	-3.0
Dieldrin	5.504	5.404	5.604	48.850	50.000	-2.3
Endosulfan I	5.238	5.138	5.338	48.350	50.000	-3.3
Endosulfan II	6.072	5.972	6.172	50.380	50.000	0.8
Endosulfan sulfate	6.474	6.374	6.574	50.840	50.000	1.7
Endrin	5.781	5.681	5.881	48.490	50.000	-3.0
Endrin aldehyde	6.251	6.150	6.350	51.380	50.000	2.8
Endrin ketone	6.983	6.883	7.083	53.380	50.000	6.8
gamma-BHC (Lindane)	3.722	3.623	3.823	49.500	50.000	-1.0
gamma-Chlordane	5.117	5.017	5.217	48.880	50.000	-2.2
Heptachlor	4.074	3.975	4.175	49.470	50.000	-1.1
Heptachlor epoxide	4.864	4.764	4.964	47.790	50.000	-4.4
Methoxychlor	6.745	6.645	6.845	52.980	50.000	6.0
Tetrachloro-m-xylene	2.874	2.775	2.975	47.350	50.000	-5.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 17:17

Initial Calibration Time(s): 11:34

12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 17:17

Initial Calibration Time(s): 11:34

12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.701	6.600	6.800	48.540	50.000	-2.9
4,4'-DDE	6.191	6.090	6.290	45.890	50.000	-8.2
4,4'-DDT	7.016	6.915	7.115	47.220	50.000	-5.6
Aldrin	5.265	5.164	5.364	47.430	50.000	-5.1
alpha-BHC	3.994	3.894	4.094	47.810	50.000	-4.4
alpha-Chlordane	6.022	5.921	6.121	45.360	50.000	-9.3
beta-BHC	4.513	4.412	4.612	46.500	50.000	-7.0
Decachlorobiphenyl	9.067	8.964	9.164	44.170	50.000	-11.7
delta-BHC	4.761	4.660	4.860	47.540	50.000	-4.9
Dieldrin	6.342	6.240	6.440	50.320	50.000	0.6
Endosulfan I	6.069	5.968	6.168	46.400	50.000	-7.2
Endosulfan II	6.782	6.681	6.881	46.850	50.000	-6.3
Endosulfan sulfate	7.146	7.045	7.245	45.950	50.000	-8.1
Endrin	6.569	6.468	6.668	46.250	50.000	-7.5
Endrin aldehyde	6.911	6.810	7.010	46.610	50.000	-6.8
Endrin ketone	7.627	7.525	7.725	46.940	50.000	-6.1
gamma-BHC (Lindane)	4.324	4.225	4.425	47.530	50.000	-4.9
gamma-Chlordane	5.941	5.840	6.040	46.490	50.000	-7.0
Heptachlor	4.923	4.823	5.023	55.620	50.000	11.2
Heptachlor epoxide	5.685	5.584	5.784	46.870	50.000	-6.3
Methoxychlor	7.489	7.388	7.588	46.180	50.000	-7.6
Tetrachloro-m-xylene	3.544	3.445	3.645	46.320	50.000	-7.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.821	6.021	48.200	50.000	-3.6
4,4'-DDE	5.366	5.266	5.466	47.300	50.000	-5.4
4,4'-DDT	6.174	6.074	6.274	48.220	50.000	-3.6
Aldrin	4.360	4.261	4.461	47.330	50.000	-5.3
alpha-BHC	3.386	3.287	3.487	47.470	50.000	-5.1
alpha-Chlordane	5.181	5.081	5.281	47.290	50.000	-5.4
beta-BHC	4.018	3.919	4.119	47.020	50.000	-6.0
Decachlorobiphenyl	8.061	7.962	8.162	48.710	50.000	-2.6
delta-BHC	4.254	4.155	4.355	47.810	50.000	-4.4
Dieldrin	5.503	5.404	5.604	47.130	50.000	-5.7
Endosulfan I	5.238	5.138	5.338	46.640	50.000	-6.7
Endosulfan II	6.072	5.972	6.172	47.490	50.000	-5.0
Endosulfan sulfate	6.474	6.374	6.574	47.640	50.000	-4.7
Endrin	5.780	5.681	5.881	46.650	50.000	-6.7
Endrin aldehyde	6.250	6.150	6.350	47.580	50.000	-4.8
Endrin ketone	6.983	6.883	7.083	48.300	50.000	-3.4
gamma-BHC (Lindane)	3.722	3.623	3.823	48.880	50.000	-2.2
gamma-Chlordane	5.116	5.017	5.217	47.570	50.000	-4.9
Heptachlor	4.074	3.975	4.175	48.710	50.000	-2.6
Heptachlor epoxide	4.864	4.764	4.964	46.510	50.000	-7.0
Methoxychlor	6.745	6.645	6.845	48.070	50.000	-3.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.070	50.000	-5.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 19:19

Initial Calibration Time(s): 11:34

12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 19:19

Initial Calibration Time(s): 11:34

12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.700	6.600	6.800	51.820	50.000	3.6
4,4'-DDE	6.190	6.090	6.290	48.730	50.000	-2.5
4,4'-DDT	7.016	6.915	7.115	50.780	50.000	1.6
Aldrin	5.264	5.164	5.364	49.570	50.000	-0.9
alpha-BHC	3.994	3.894	4.094	49.430	50.000	-1.1
alpha-Chlordane	6.021	5.921	6.121	48.200	50.000	-3.6
beta-BHC	4.512	4.412	4.612	48.100	50.000	-3.8
Decachlorobiphenyl	9.066	8.964	9.164	48.090	50.000	-3.8
delta-BHC	4.760	4.660	4.860	49.750	50.000	-0.5
Dieldrin	6.341	6.240	6.440	53.220	50.000	6.4
Endosulfan I	6.068	5.968	6.168	49.150	50.000	-1.7
Endosulfan II	6.781	6.681	6.881	49.660	50.000	-0.7
Endosulfan sulfate	7.145	7.045	7.245	49.130	50.000	-1.7
Endrin	6.568	6.468	6.668	49.010	50.000	-2.0
Endrin aldehyde	6.910	6.810	7.010	49.600	50.000	-0.8
Endrin ketone	7.625	7.525	7.725	50.440	50.000	0.9
gamma-BHC (Lindane)	4.324	4.225	4.425	49.170	50.000	-1.7
gamma-Chlordane	5.939	5.840	6.040	49.270	50.000	-1.5
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.685	5.584	5.784	49.640	50.000	-0.7
Methoxychlor	7.489	7.388	7.588	49.960	50.000	-0.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.760	50.000	-4.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.821	6.021	51.850	50.000	3.7
4,4'-DDE	5.365	5.266	5.466	49.630	50.000	-0.7
4,4'-DDT	6.174	6.074	6.274	51.950	50.000	3.9
Aldrin	4.360	4.261	4.461	48.750	50.000	-2.5
alpha-BHC	3.385	3.287	3.487	48.890	50.000	-2.2
alpha-Chlordane	5.181	5.081	5.281	49.370	50.000	-1.3
beta-BHC	4.018	3.919	4.119	48.510	50.000	-3.0
Decachlorobiphenyl	8.061	7.962	8.162	55.760	50.000	11.5
delta-BHC	4.254	4.155	4.355	49.470	50.000	-1.1
Dieldrin	5.503	5.404	5.604	50.610	50.000	1.2
Endosulfan I	5.238	5.138	5.338	48.830	50.000	-2.3
Endosulfan II	6.072	5.972	6.172	51.180	50.000	2.4
Endosulfan sulfate	6.473	6.374	6.574	51.930	50.000	3.9
Endrin	5.780	5.681	5.881	49.660	50.000	-0.7
Endrin aldehyde	6.250	6.150	6.350	51.550	50.000	3.1
Endrin ketone	6.982	6.883	7.083	53.780	50.000	7.6
gamma-BHC (Lindane)	3.722	3.623	3.823	50.230	50.000	0.5
gamma-Chlordane	5.116	5.017	5.217	49.480	50.000	-1.0
Heptachlor	4.073	3.975	4.175	49.520	50.000	-1.0
Heptachlor epoxide	4.863	4.764	4.964	48.340	50.000	-3.3
Methoxychlor	6.744	6.645	6.845	53.040	50.000	6.1
Tetrachloro-m-xylene	2.874	2.775	2.975	48.360	50.000	-3.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D Date Analyzed: 10/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 14:45

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.070	8.970	9.170	22.040	20.000	10.2
Tetrachloro-m-xylene	3.544	3.490	3.590	20.920	20.000	4.6
alpha-BHC	3.994	3.940	4.040	8.790	10.000	-12.1
beta-BHC	4.513	4.460	4.560	10.210	10.000	2.1
gamma-BHC (Lindane)	4.325	4.270	4.380	9.200	10.000	-8.0
Endrin	6.570	6.500	6.640	48.180	50.000	-3.6
4,4'-DDT	7.018	6.950	7.090	100.910	100.000	0.9
Methoxychlor	7.491	7.420	7.560	235.430	250.000	-5.8

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D Date Analyzed: 10/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 14:45

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	25.380	20.000	26.9
Tetrachloro-m-xylene	2.873	2.820	2.920	21.110	20.000	5.6
alpha-BHC	3.385	3.330	3.440	10.320	10.000	3.2
beta-BHC	4.017	3.970	4.070	10.570	10.000	5.7
gamma-BHC (Lindane)	3.721	3.670	3.770	10.640	10.000	6.4
Endrin	5.779	5.710	5.850	49.190	50.000	-1.6
4,4'-DDT	6.173	6.100	6.240	103.470	100.000	3.5
Methoxychlor	6.745	6.670	6.820	217.530	250.000	-13.0

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICCC005	PSTDICCC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
IBLK	IBLK	10/22/2025	14:32	PD090753.D	9.08	3.55
PEM	PEM	10/22/2025	14:45	PD090754.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	9.07	3.55
PB170205BL	PB170205BL	10/22/2025	15:13	PD090756.D	9.07	3.54
PB170205BS	PB170205BS	10/22/2025	15:26	PD090757.D	9.07	3.54
COMP-ROLLOFF	Q3399-01	10/22/2025	15:40	PD090758.D	9.07	3.54
IBLK	IBLK	10/22/2025	17:03	PD090763.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	9.07	3.54
COMP-ROLLOFFMS	Q3399-01MS	10/22/2025	18:11	PD090768.D	9.07	3.54
COMP-ROLLOFFMSD	Q3399-01MSD	10/22/2025	18:25	PD090769.D	9.07	3.54
IBLK	IBLK	10/22/2025	19:06	PD090772.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	9.07	3.54

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
IBLK	IBLK	10/22/2025	14:32	PD090753.D	8.06	2.87
PEM	PEM	10/22/2025	14:45	PD090754.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	8.06	2.87
PB170205BL	PB170205BL	10/22/2025	15:13	PD090756.D	8.06	2.87
PB170205BS	PB170205BS	10/22/2025	15:26	PD090757.D	8.06	2.87
COMP-ROLLOFF	Q3399-01	10/22/2025	15:40	PD090758.D	8.06	2.87
IBLK	IBLK	10/22/2025	17:03	PD090763.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	8.06	2.87
COMP-ROLLOFFMS	Q3399-01MS	10/22/2025	18:11	PD090768.D	8.06	2.87
COMP-ROLLOFFMSD	Q3399-01MSD	10/22/2025	18:25	PD090769.D	8.06	2.87
IBLK	IBLK	10/22/2025	19:06	PD090772.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	8.06	2.87

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFF

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-01

Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin	1	6.57	6.52	6.62	0.19	68.4
	2	5.78	5.73	5.83	0.38	
4,4'-DDT	1	7.02	6.97	7.07	0.22	109.1
	2	6.17	6.12	6.22	0.75	
alpha-Chlordane	1	6.02	5.97	6.07	0.37	32.6
	2	5.18	5.13	5.23	0.27	
4,4'-DDE	1	6.19	6.14	6.24	0.21	13.3
	2	5.37	5.32	5.42	0.18	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-01MS

Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	18.4	5.6
	2	5.92	5.87	5.97	17.4	
4,4'-DDT	1	7.02	6.97	7.07	18.5	3.7
	2	6.17	6.12	6.22	19.2	
alpha-BHC	1	3.99	3.94	4.04	18.2	3.4
	2	3.39	3.34	3.44	17.6	
Aldrin	1	5.26	5.21	5.31	17.8	0
	2	4.36	4.31	4.41	17.8	
beta-BHC	1	4.51	4.46	4.56	17.5	0
	2	4.02	3.97	4.07	17.5	
delta-BHC	1	4.76	4.71	4.81	18.1	2.2
	2	4.26	4.21	4.31	17.7	
Endosulfan I	1	6.07	6.02	6.12	17.7	0
	2	5.24	5.19	5.29	17.7	
alpha-Chlordane	1	6.02	5.97	6.07	17.7	1.1
	2	5.18	5.13	5.23	17.9	
4,4'-DDE	1	6.19	6.14	6.24	17.6	2.2
	2	5.37	5.32	5.42	18.0	
Dieldrin	1	6.34	6.29	6.39	18.0	0.6
	2	5.50	5.45	5.55	17.9	
Endosulfan II	1	6.78	6.73	6.83	16.8	8
	2	6.07	6.02	6.12	18.2	
Endrin aldehyde	1	6.91	6.86	6.96	17.6	3.9
	2	6.25	6.20	6.30	18.3	
Endosulfan sulfate	1	7.15	7.10	7.20	17.4	6.1
	2	6.47	6.42	6.52	18.5	
Methoxychlor	1	7.49	7.44	7.54	18.0	4.9
	2	6.75	6.70	6.80	18.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-01MS

Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	18.0	4.9
	2	6.98	6.93	7.03	18.9	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.7	0.6
	2	3.72	3.67	3.77	17.6	
Heptachlor	1	4.92	4.87	4.97	20.9	14.4
	2	4.08	4.03	4.13	18.1	
Heptachlor epoxide	1	5.69	5.64	5.74	18.1	2.8
	2	4.86	4.81	4.91	17.6	
gamma-Chlordane	1	5.94	5.89	5.99	17.6	1.7
	2	5.12	5.07	5.17	17.9	
Endrin	1	6.57	6.52	6.62	17.9	0
	2	5.78	5.73	5.83	17.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-01MSD

Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.78	6.73	6.83	17.1	8.4
	2	6.07	6.02	6.12	18.6	
4,4'-DDD	1	6.70	6.65	6.75	18.7	5.5
	2	5.92	5.87	5.97	17.7	
4,4'-DDT	1	7.02	6.97	7.07	19.0	3.6
	2	6.17	6.12	6.22	19.7	
Endrin aldehyde	1	6.91	6.86	6.96	18.0	3.3
	2	6.25	6.20	6.30	18.6	
Endosulfan sulfate	1	7.15	7.10	7.20	17.7	6
	2	6.47	6.42	6.52	18.8	
Methoxychlor	1	7.49	7.44	7.54	18.3	5.3
	2	6.75	6.70	6.80	19.3	
Endrin ketone	1	7.63	7.58	7.68	18.4	4.3
	2	6.98	6.93	7.03	19.2	
alpha-BHC	1	3.99	3.94	4.04	18.5	3.3
	2	3.39	3.34	3.44	17.9	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.0	0.6
	2	3.72	3.67	3.77	17.9	
Heptachlor	1	4.92	4.87	4.97	21.3	15.2
	2	4.08	4.03	4.13	18.3	
Aldrin	1	5.26	5.21	5.31	18.1	0.6
	2	4.36	4.31	4.41	18.0	
beta-BHC	1	4.51	4.46	4.56	17.7	0
	2	4.02	3.97	4.07	17.7	
delta-BHC	1	4.76	4.71	4.81	18.5	2.7
	2	4.26	4.21	4.31	18.0	
Heptachlor epoxide	1	5.69	5.64	5.74	18.3	2.8
	2	4.86	4.81	4.91	17.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-01MSD

Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	18.0	0.6
	2	5.24	5.19	5.29	17.9	
gamma-Chlordane	1	5.94	5.89	5.99	17.9	1.7
	2	5.12	5.07	5.17	18.2	
alpha-Chlordane	1	6.02	5.97	6.07	17.7	2.8
	2	5.18	5.13	5.23	18.2	
4,4'-DDE	1	6.19	6.14	6.24	18.1	1.1
	2	5.37	5.32	5.42	18.3	
Dieldrin	1	6.34	6.29	6.39	18.3	0.5
	2	5.50	5.45	5.55	18.2	
Endrin	1	6.57	6.52	6.62	18.3	1.7
	2	5.78	5.73	5.83	18.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170205BS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170205BS

Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	16.1	1.3
	2	5.92	5.87	5.97	15.9	
4,4'-DDE	1	6.19	6.14	6.24	15.0	3.3
	2	5.37	5.32	5.42	15.5	
4,4'-DDT	1	7.02	6.97	7.07	16.2	1.8
	2	6.17	6.12	6.22	16.5	
alpha-BHC	1	3.99	3.94	4.04	15.0	1.3
	2	3.39	3.34	3.44	14.8	
Aldrin	1	5.26	5.21	5.31	15.2	0.7
	2	4.36	4.31	4.41	15.1	
alpha-Chlordane	1	6.02	5.97	6.07	14.8	3.3
	2	5.18	5.13	5.23	15.3	
Endosulfan II	1	6.78	6.73	6.83	15.6	1.3
	2	6.07	6.02	6.12	15.8	
Endosulfan sulfate	1	7.15	7.10	7.20	15.4	3.8
	2	6.47	6.42	6.52	16.0	
beta-BHC	1	4.51	4.46	4.56	14.7	1.4
	2	4.02	3.97	4.07	14.9	
delta-BHC	1	4.76	4.71	4.81	15.2	0.7
	2	4.26	4.21	4.31	15.1	
Endosulfan I	1	6.07	6.02	6.12	15.2	2
	2	5.24	5.19	5.29	14.9	
Dieldrin	1	6.34	6.29	6.39	15.5	0.6
	2	5.50	5.45	5.55	15.6	
Endrin aldehyde	1	6.91	6.86	6.96	15.8	2.5
	2	6.25	6.20	6.30	16.2	
Methoxychlor	1	7.49	7.44	7.54	16.0	3.1
	2	6.75	6.70	6.80	16.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170205BS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170205BS

Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	15.8	6.1
	2	6.98	6.93	7.03	16.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.9	0
	2	3.72	3.67	3.77	14.9	
Heptachlor	1	4.92	4.87	4.97	17.9	15
	2	4.08	4.03	4.13	15.4	
Heptachlor epoxide	1	5.69	5.64	5.74	15.4	2
	2	4.86	4.81	4.91	15.1	
gamma-Chlordane	1	5.94	5.89	5.99	15.1	1.3
	2	5.12	5.07	5.17	15.3	
Endrin	1	6.57	6.52	6.62	15.4	1.3
	2	5.78	5.73	5.83	15.6	