



LAB CHRONICLE

OrderID:	Q3179	OrderDate:	9/24/2025 11:08:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3179-01	EME-TS14-01	Water			09/23/25			09/23/25
			EPH	NJEPH		09/29/25	09/29/25	
			SPLP PCB	8082A		09/29/25	09/29/25	
			SPLP Pesticide	8081B		09/29/25	09/29/25	

Hit Summary Sheet
SW-846

SDG No.: Q3179

Order ID: Q3179

Client: Weston Solutions, Inc.

Project ID: RFP 916

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:	09/29/25	
Client Sample ID:	PB169882TB		SDG No.:	Q3179	
Lab Sample ID:	PB169882TB		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090424.D	1	09/29/25 09:45	09/29/25 17:51	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.00040	U	0.00040	0.0050	ug/L
319-85-7	beta-BHC	0.00050	U	0.00050	0.0050	ug/L
319-86-8	delta-BHC	0.0011	U	0.0011	0.0050	ug/L
58-89-9	gamma-BHC (Lindane)	0.00040	U	0.00040	0.0050	ug/L
76-44-8	Heptachlor	0.00030	U	0.00030	0.0050	ug/L
309-00-2	Aldrin	0.00040	U	0.00040	0.0050	ug/L
1024-57-3	Heptachlor epoxide	0.0010	U	0.0010	0.0050	ug/L
959-98-8	Endosulfan I	0.00030	U	0.00030	0.0050	ug/L
60-57-1	Dieldrin	0.00040	U	0.00040	0.0050	ug/L
72-55-9	4,4-DDE	0.00040	U	0.00040	0.0050	ug/L
72-20-8	Endrin	0.00030	U	0.00030	0.0050	ug/L
33213-65-9	Endosulfan II	0.00080	U	0.00080	0.0050	ug/L
72-54-8	4,4-DDD	0.00070	U	0.00070	0.0050	ug/L
1031-07-8	Endosulfan Sulfate	0.00040	U	0.00040	0.0050	ug/L
50-29-3	4,4-DDT	0.00040	U	0.00040	0.0050	ug/L
72-43-5	Methoxychlor	0.0011	U	0.0011	0.0050	ug/L
53494-70-5	Endrin ketone	0.00090	U	0.00090	0.0050	ug/L
7421-93-4	Endrin aldehyde	0.0011	U	0.0011	0.0050	ug/L
5103-71-9	alpha-Chlordane	0.00040	U	0.00040	0.0050	ug/L
5103-74-2	gamma-Chlordane	0.00040	U	0.00040	0.0050	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.10	ug/L
57-74-9	Chlordane	0.0088	U	0.0088	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.5		57 - 171	72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.5		61 - 148	78%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:	09/29/25	
Client Sample ID:	PB169882TB		SDG No.:	Q3179	
Lab Sample ID:	PB169882TB		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090424.D	1	09/29/25 09:45	09/29/25 17:51	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01		SDG No.:	Q3179	
Lab Sample ID:	Q3179-01		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090428.D	1	09/29/25 09:45	09/29/25 18:46	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.00040	U	0.00040	0.0050	ug/L
319-85-7	beta-BHC	0.00050	U	0.00050	0.0050	ug/L
319-86-8	delta-BHC	0.0011	U	0.0011	0.0050	ug/L
58-89-9	gamma-BHC (Lindane)	0.00040	U	0.00040	0.0050	ug/L
76-44-8	Heptachlor	0.00030	U	0.00030	0.0050	ug/L
309-00-2	Aldrin	0.00040	U	0.00040	0.0050	ug/L
1024-57-3	Heptachlor epoxide	0.0010	U	0.0010	0.0050	ug/L
959-98-8	Endosulfan I	0.00030	U	0.00030	0.0050	ug/L
60-57-1	Dieldrin	0.00040	U	0.00040	0.0050	ug/L
72-55-9	4,4-DDE	0.00040	U	0.00040	0.0050	ug/L
72-20-8	Endrin	0.00030	U	0.00030	0.0050	ug/L
33213-65-9	Endosulfan II	0.00080	U	0.00080	0.0050	ug/L
72-54-8	4,4-DDD	0.00070	U	0.00070	0.0050	ug/L
1031-07-8	Endosulfan Sulfate	0.00040	U	0.00040	0.0050	ug/L
50-29-3	4,4-DDT	0.00040	U	0.00040	0.0050	ug/L
72-43-5	Methoxychlor	0.0011	U	0.0011	0.0050	ug/L
53494-70-5	Endrin ketone	0.00090	U	0.00090	0.0050	ug/L
7421-93-4	Endrin aldehyde	0.0011	U	0.0011	0.0050	ug/L
5103-71-9	alpha-Chlordane	0.00040	U	0.00040	0.0050	ug/L
5103-74-2	gamma-Chlordane	0.00040	U	0.00040	0.0050	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.10	ug/L
57-74-9	Chlordane	0.0088	U	0.0088	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.9		57 - 171	74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		61 - 148	110%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01		SDG No.:	Q3179	
Lab Sample ID:	Q3179-01		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090428.D	1	09/29/25 09:45	09/29/25 18:46	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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LOQ = Limit of Quantitation

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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.: Q3179

Client: Weston Solutions, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090327.D	PIBLK-PD090327.D	Decachlorobiphen	1	20	17.6	88		57	171
		Tetrachloro-m-xyl	1	20	16.5	83		61	148
		Decachlorobiphen	2	20	17.2	86		57	171
		Tetrachloro-m-xyl	2	20	16.9	85		61	148
I.BLK-PD090416.D	PIBLK-PD090416.D	Decachlorobiphen	1	20	18.2	91		57	171
		Tetrachloro-m-xyl	1	20	19.3	97		61	148
		Decachlorobiphen	2	20	17.3	87		57	171
		Tetrachloro-m-xyl	2	20	20.4	102		61	148
PB169882BL	PB169882BL	Decachlorobiphen	1	20	27.5	137		57	171
		Tetrachloro-m-xyl	1	20	26.2	131		61	148
		Decachlorobiphen	2	20	26.0	130		57	171
		Tetrachloro-m-xyl	2	20	26.9	134		61	148
PB169882BS	PB169882BS	Decachlorobiphen	1	20	23.2	116		57	171
		Tetrachloro-m-xyl	1	20	23.9	120		61	148
		Decachlorobiphen	2	20	22.4	112		57	171
		Tetrachloro-m-xyl	2	20	23.8	119		61	148
PB169882TB	PB169882TB	Decachlorobiphen	1	20	14.5	72		57	171
		Tetrachloro-m-xyl	1	20	15.5	78		61	148
		Decachlorobiphen	2	20	14.1	70		57	171
		Tetrachloro-m-xyl	2	20	15.2	76		61	148
Q3179-01	EME-TS14-01	Decachlorobiphen	1	20	14.9	74		57	171
		Tetrachloro-m-xyl	1	20	22.0	110		61	148
		Decachlorobiphen	2	20	13.1	65		57	171
		Tetrachloro-m-xyl	2	20	20.5	102		61	148
Q3179-02MS	EME-TS14-01MS	Decachlorobiphen	1	20	15.5	78		57	171
		Tetrachloro-m-xyl	1	20	17.7	88		61	148
		Decachlorobiphen	2	20	13.9	70		57	171
		Tetrachloro-m-xyl	2	20	16.9	84		61	148
Q3179-03MSD	EME-TS14-01MSD	Decachlorobiphen	1	20	14.8	74		57	171
		Tetrachloro-m-xyl	1	20	17.7	88		61	148
		Decachlorobiphen	2	20	13.6	68		57	171
		Tetrachloro-m-xyl	2	20	16.6	83		61	148
I.BLK-PD090431.D	PIBLK-PD090431.D	Decachlorobiphen	1	20	19.8	99		57	171
		Tetrachloro-m-xyl	1	20	20.1	100		61	148
		Decachlorobiphen	2	20	19.1	96		57	171
		Tetrachloro-m-xyl	2	20	19.7	99		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3179</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	DataFile :	<u>PD090429.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD		Limits		RPD
			Result	Result					Qual	Low	High		
Lab Sample ID:	Q3179-02MS	Client Sample ID:		EME-TS14-01MS									
	(Column 1)												
	alpha-BHC	0.05	0	0.042	ug/L	83				46	160		
	beta-BHC	0.05	0	0.040	ug/L	79				15	175		
	delta-BHC	0.05	0	0.046	ug/L	92				10	175		
	gamma-BHC (Lindane)	0.05	0	0.045	ug/L	90				60	152		
	Heptachlor	0.05	0	0.038	ug/L	75				56	147		
	Aldrin	0.05	0	0.036	ug/L	72				45	147		
	Heptachlor epoxide	0.05	0	0.041	ug/L	82				77	143		
	Endosulfan I	0.05	0	0.042	ug/L	84				34	157		
	Dieldrin	0.05	0	0.043	ug/L	85				46	155		
	4,4'-DDE	0.05	0	0.041	ug/L	82				36	162		
	Endrin	0.05	0	0.044	ug/L	87				76	144		
	Endosulfan II	0.05	0	0.043	ug/L	87				21	168		
	4,4'-DDD	0.05	0	0.042	ug/L	84				15	175		
	Endosulfan sulfate	0.05	0	0.043	ug/L	85				14	183		
	4,4'-DDT	0.05	0	0.044	ug/L	87				15	175		
	Methoxychlor	0.05	0	0.045	ug/L	90				70	142		
	Endrin ketone	0.05	0	0.044	ug/L	87				25	172		
	Endrin aldehyde	0.05	0	0.044	ug/L	88				28	175		
	alpha-Chlordane	0.05	0	0.040	ug/L	80				34	160		
	gamma-Chlordane	0.05	0	0.039	ug/L	78				31	163		
Lab Sample ID:	Q3179-02MS	Client Sample ID:		EME-TS14-01MS									
	(Column 2)												
	alpha-BHC	0.05	0	0.040	ug/L	79				46	160		
	beta-BHC	0.05	0	0.042	ug/L	83				15	175		
	delta-BHC	0.05	0	0.039	ug/L	78				10	175		
	gamma-BHC (Lindane)	0.05	0	0.039	ug/L	78				60	152		
	Heptachlor	0.05	0	0.037	ug/L	74				56	147		
	Aldrin	0.05	0	0.036	ug/L	71				45	147		
	Heptachlor epoxide	0.05	0	0.042	ug/L	84				77	143		
	Endosulfan I	0.05	0	0.040	ug/L	80				34	157		
	Dieldrin	0.05	0	0.040	ug/L	80				46	155		
	4,4'-DDE	0.05	0	0.038	ug/L	77				36	162		
	Endrin	0.05	0	0.040	ug/L	80				76	144		
	Endosulfan II	0.05	0	0.040	ug/L	80				21	168		
	4,4'-DDD	0.05	0	0.039	ug/L	78				15	175		
	Endosulfan sulfate	0.05	0	0.040	ug/L	80				14	183		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3179</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	DataFile :	<u>PD090429.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Limits		RPD
		Result	Result				RPD	Qual	Low	High	
4,4'-DDT	0.05	0	0.040	ug/L	80				15	175	
Methoxychlor	0.05	0	0.040	ug/L	80				70	142	
Endrin ketone	0.05	0	0.038	ug/L	77				25	172	
Endrin aldehyde	0.05	0	0.042	ug/L	83				28	175	
alpha-Chlordane	0.05	0	0.039	ug/L	78				34	160	
gamma-Chlordane	0.05	0	0.039	ug/L	78				31	163	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3179</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	DataFile :	<u>PD090430.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High		
Lab Sample ID:	Q3179-03MSD	Client Sample ID:		EME-TS14-01MSD									
	(Column 1)												
	alpha-BHC	0.05	0	0.042	ug/L	84		1		46	160		20
	beta-BHC	0.05	0	0.040	ug/L	80		1		15	175		20
	delta-BHC	0.05	0	0.042	ug/L	84		9		10	175		20
	gamma-BHC (Lindane)	0.05	0	0.041	ug/L	82		9		60	152		20
	Heptachlor	0.05	0	0.037	ug/L	74		1		56	147		20
	Aldrin	0.05	0	0.035	ug/L	70		3		45	147		22
	Heptachlor epoxide	0.05	0	0.040	ug/L	80		2		77	143		20
	Endosulfan I	0.05	0	0.042	ug/L	84		0		34	157		20
	Dieldrin	0.05	0	0.042	ug/L	85		0		46	155		20
	4,4'-DDE	0.05	0	0.040	ug/L	81		1		36	162		20
	Endrin	0.05	0	0.043	ug/L	87		0		76	144		20
	Endosulfan II	0.05	0	0.043	ug/L	86		1		21	168		20
	4,4'-DDD	0.05	0	0.042	ug/L	84		0		15	175		20
	Endosulfan sulfate	0.05	0	0.043	ug/L	85		0		14	183		20
	4,4'-DDT	0.05	0	0.043	ug/L	86		1		15	175		20
	Methoxychlor	0.05	0	0.044	ug/L	88		2		70	142		20
	Endrin ketone	0.05	0	0.044	ug/L	87		0		25	172		20
	Endrin aldehyde	0.05	0	0.044	ug/L	88		0		28	175		20
	alpha-Chlordane	0.05	0	0.041	ug/L	82		2		34	160		20
	gamma-Chlordane	0.05	0	0.038	ug/L	75		4		31	163		20
Lab Sample ID:	Q3179-03MSD	Client Sample ID:		EME-TS14-01MSD									
	(Column 2)												
	alpha-BHC	0.05	0	0.040	ug/L	80		1		46	160		20
	beta-BHC	0.05	0	0.041	ug/L	82		1		15	175		20
	delta-BHC	0.05	0	0.039	ug/L	79		1		10	175		20
	gamma-BHC (Lindane)	0.05	0	0.040	ug/L	80		3		60	152		20
	Heptachlor	0.05	0	0.035	ug/L	71		4		56	147		20
	Aldrin	0.05	0	0.034	ug/L	69		3		45	147		22
	Heptachlor epoxide	0.05	0	0.045	ug/L	89		6		77	143		20
	Endosulfan I	0.05	0	0.040	ug/L	80		0		34	157		20
	Dieldrin	0.05	0	0.040	ug/L	79		1		46	155		20
	4,4'-DDE	0.05	0	0.038	ug/L	76		1		36	162		20
	Endrin	0.05	0	0.040	ug/L	80		0		76	144		20
	Endosulfan II	0.05	0	0.040	ug/L	80		0		21	168		20
	4,4'-DDD	0.05	0	0.039	ug/L	78		0		15	175		20
	Endosulfan sulfate	0.05	0	0.040	ug/L	80		0		14	183		20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3179</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	DataFile :	<u>PD090430.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	0.05	0	0.040	ug/L	79		1		15	175	20
Methoxychlor	0.05	0	0.040	ug/L	80		0		70	142	20
Endrin ketone	0.05	0	0.039	ug/L	77		0		25	172	20
Endrin aldehyde	0.05	0	0.042	ug/L	83		0		28	175	20
alpha-Chlordane	0.05	0	0.038	ug/L	77		1		34	160	20
gamma-Chlordane	0.05	0	0.038	ug/L	76		3		31	163	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3179</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	Datafile :	<u>PD090423.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169882BS (Column 1)	alpha-BHC	0.05	0.049	ug/L	98				85	130	
	beta-BHC	0.05	0.046	ug/L	92				83	126	
	delta-BHC	0.05	0.049	ug/L	98				69	141	
	gamma-BHC (Lindane)	0.05	0.048	ug/L	96				82	129	
	Heptachlor	0.05	0.050	ug/L	99				79	127	
	Aldrin	0.05	0.049	ug/L	97				79	126	
	Heptachlor epoxide	0.05	0.048	ug/L	96				81	124	
	Endosulfan I	0.05	0.048	ug/L	95				85	122	
	Dieldrin	0.05	0.049	ug/L	98				83	125	
	4,4'-DDE	0.05	0.049	ug/L	97				80	127	
	Endrin	0.05	0.051	ug/L	101				81	128	
	Endosulfan II	0.05	0.050	ug/L	101				82	123	
	4,4'-DDD	0.05	0.051	ug/L	102				77	131	
	Endosulfan sulfate	0.05	0.048	ug/L	96				76	129	
	4,4'-DDT	0.05	0.049	ug/L	97				80	133	
	Methoxychlor	0.05	0.053	ug/L	107				78	108	
	Endrin ketone	0.05	0.048	ug/L	96				80	131	
	Endrin aldehyde	0.05	0.051	ug/L	103				82	127	
	alpha-Chlordane	0.05	0.045	ug/L	89				82	125	
	gamma-Chlordane	0.05	0.046	ug/L	92				82	125	
	PB169882BS (Column 2)	alpha-BHC	0.05	0.047	ug/L	93				85	130
beta-BHC		0.05	0.046	ug/L	92				83	126	
delta-BHC		0.05	0.046	ug/L	93				69	141	
gamma-BHC (Lindane)		0.05	0.047	ug/L	93				82	129	
Heptachlor		0.05	0.047	ug/L	94				79	127	
Aldrin		0.05	0.047	ug/L	93				79	126	
Heptachlor epoxide		0.05	0.057	ug/L	113				81	124	
Endosulfan I		0.05	0.044	ug/L	88				85	122	
Dieldrin		0.05	0.046	ug/L	91				83	125	
4,4'-DDE		0.05	0.047	ug/L	93				80	127	
Endrin		0.05	0.050	ug/L	99				81	128	
Endosulfan II		0.05	0.046	ug/L	92				82	123	
4,4'-DDD		0.05	0.046	ug/L	92				77	131	
Endosulfan sulfate		0.05	0.046	ug/L	91				76	129	
4,4'-DDT		0.05	0.046	ug/L	93				80	133	
Methoxychlor		0.05	0.046	ug/L	93				78	108	
Endrin ketone		0.05	0.051	ug/L	103				80	131	
Endrin aldehyde		0.05	0.048	ug/L	97				82	127	
alpha-Chlordane		0.05	0.046	ug/L	92				82	125	
gamma-Chlordane		0.05	0.046	ug/L	92				82	125	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169882BL

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: PB169882BL

Lab File ID: PD090422.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/29/2025

Date Analyzed (1): 09/29/2025

Date Analyzed (2): 09/29/2025

Time Analyzed (1): 17:24

Time Analyzed (2): 17:24

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
PB169882BS	PB169882BS	PD090423.D	09/29/2025	09/29/2025
PB169882TB	PB169882TB	PD090424.D	09/29/2025	09/29/2025
EME-TS14-01	Q3179-01	PD090428.D	09/29/2025	09/29/2025
EME-TS14-01MS	Q3179-02MS	PD090429.D	09/29/2025	09/29/2025
EME-TS14-01MSD	Q3179-03MSD	PD090430.D	09/29/2025	09/29/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169882BL		SDG No.:	Q3179	
Lab Sample ID:	PB169882BL		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090422.D	1	09/29/25 09:45	09/29/25 17:24	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.00040	U	0.00040	0.0050	ug/L
319-85-7	beta-BHC	0.00050	U	0.00050	0.0050	ug/L
319-86-8	delta-BHC	0.0011	U	0.0011	0.0050	ug/L
58-89-9	gamma-BHC (Lindane)	0.00040	U	0.00040	0.0050	ug/L
76-44-8	Heptachlor	0.00030	U	0.00030	0.0050	ug/L
309-00-2	Aldrin	0.00040	U	0.00040	0.0050	ug/L
1024-57-3	Heptachlor epoxide	0.0010	U	0.0010	0.0050	ug/L
959-98-8	Endosulfan I	0.00030	U	0.00030	0.0050	ug/L
60-57-1	Dieldrin	0.00040	U	0.00040	0.0050	ug/L
72-55-9	4,4-DDE	0.00040	U	0.00040	0.0050	ug/L
72-20-8	Endrin	0.00030	U	0.00030	0.0050	ug/L
33213-65-9	Endosulfan II	0.00080	U	0.00080	0.0050	ug/L
72-54-8	4,4-DDD	0.00070	U	0.00070	0.0050	ug/L
1031-07-8	Endosulfan Sulfate	0.00040	U	0.00040	0.0050	ug/L
50-29-3	4,4-DDT	0.00040	U	0.00040	0.0050	ug/L
72-43-5	Methoxychlor	0.0011	U	0.0011	0.0050	ug/L
53494-70-5	Endrin ketone	0.00090	U	0.00090	0.0050	ug/L
7421-93-4	Endrin aldehyde	0.0011	U	0.0011	0.0050	ug/L
5103-71-9	alpha-Chlordane	0.00040	U	0.00040	0.0050	ug/L
5103-74-2	gamma-Chlordane	0.00040	U	0.00040	0.0050	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.10	ug/L
57-74-9	Chlordane	0.0088	U	0.0088	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	27.5		57 - 171	137%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.9		61 - 148	134%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169882BL		SDG No.:	Q3179	
Lab Sample ID:	PB169882BL		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090422.D	1	09/29/25 09:45	09/29/25 17:24	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/18/25	
Project:	RFP 916		Date Received:	09/18/25	
Client Sample ID:	PIBLK-PD090327.D		SDG No.:	Q3179	
Lab Sample ID:	I.BLK-PD090327.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090327.D	1		09/18/25	pd091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		57 - 171	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		61 - 148	85%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/18/25	
Project:	RFP 916		Date Received:	09/18/25	
Client Sample ID:	PIBLK-PD090327.D		SDG No.:	Q3179	
Lab Sample ID:	I.BLK-PD090327.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090327.D	1		09/18/25	pd091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/29/25	
Project:	RFP 916		Date Received:	09/29/25	
Client Sample ID:	PIBLK-PD090416.D		SDG No.:	Q3179	
Lab Sample ID:	I.BLK-PD090416.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090416.D	1		09/29/25	pd092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.2		57 - 171	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		61 - 148	102%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/29/25	
Project:	RFP 916		Date Received:	09/29/25	
Client Sample ID:	PIBLK-PD090416.D		SDG No.:	Q3179	
Lab Sample ID:	I.BLK-PD090416.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090416.D	1		09/29/25	pd092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/29/25	
Project:	RFP 916		Date Received:	09/29/25	
Client Sample ID:	PIBLK-PD090431.D		SDG No.:	Q3179	
Lab Sample ID:	I.BLK-PD090431.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090431.D	1		09/29/25	pd092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.8		57 - 171	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		61 - 148	100%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/29/25	
Project:	RFP 916		Date Received:	09/29/25	
Client Sample ID:	PIBLK-PD090431.D		SDG No.:	Q3179	
Lab Sample ID:	I.BLK-PD090431.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090431.D	1		09/29/25	pd092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169882BS		SDG No.:	Q3179	
Lab Sample ID:	PB169882BS		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090423.D	1	09/29/25 09:45	09/29/25 17:37	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.049		0.00040	0.0050	ug/L
319-85-7	beta-BHC	0.046		0.00050	0.0050	ug/L
319-86-8	delta-BHC	0.049		0.0011	0.0050	ug/L
58-89-9	gamma-BHC (Lindane)	0.048		0.00040	0.0050	ug/L
76-44-8	Heptachlor	0.050		0.00030	0.0050	ug/L
309-00-2	Aldrin	0.049		0.00040	0.0050	ug/L
1024-57-3	Heptachlor epoxide	0.057		0.0010	0.0050	ug/L
959-98-8	Endosulfan I	0.048		0.00030	0.0050	ug/L
60-57-1	Dieldrin	0.049		0.00040	0.0050	ug/L
72-55-9	4,4-DDE	0.049		0.00040	0.0050	ug/L
72-20-8	Endrin	0.051		0.00030	0.0050	ug/L
33213-65-9	Endosulfan II	0.050		0.00080	0.0050	ug/L
72-54-8	4,4-DDD	0.051		0.00070	0.0050	ug/L
1031-07-8	Endosulfan Sulfate	0.048		0.00040	0.0050	ug/L
50-29-3	4,4-DDT	0.049		0.00040	0.0050	ug/L
72-43-5	Methoxychlor	0.053		0.0011	0.0050	ug/L
53494-70-5	Endrin ketone	0.051		0.00090	0.0050	ug/L
7421-93-4	Endrin aldehyde	0.051		0.0011	0.0050	ug/L
5103-71-9	alpha-Chlordane	0.046		0.00040	0.0050	ug/L
5103-74-2	gamma-Chlordane	0.046		0.00040	0.0050	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.10	ug/L
57-74-9	Chlordane	0.0088	U	0.0088	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.2		57 - 171	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.9		61 - 148	120%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169882BS		SDG No.:	Q3179	
Lab Sample ID:	PB169882BS		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090423.D	1	09/29/25 09:45	09/29/25 17:37	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MS		SDG No.:	Q3179	
Lab Sample ID:	Q3179-02MS		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090429.D	1	09/29/25 09:45	09/29/25 18:59	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.042		0.00040	0.0050	ug/L
319-85-7	beta-BHC	0.042		0.00050	0.0050	ug/L
319-86-8	delta-BHC	0.046		0.0011	0.0050	ug/L
58-89-9	gamma-BHC (Lindane)	0.045		0.00040	0.0050	ug/L
76-44-8	Heptachlor	0.038		0.00030	0.0050	ug/L
309-00-2	Aldrin	0.036		0.00040	0.0050	ug/L
1024-57-3	Heptachlor epoxide	0.042		0.0010	0.0050	ug/L
959-98-8	Endosulfan I	0.042		0.00030	0.0050	ug/L
60-57-1	Dieldrin	0.043		0.00040	0.0050	ug/L
72-55-9	4,4-DDE	0.041		0.00040	0.0050	ug/L
72-20-8	Endrin	0.044		0.00030	0.0050	ug/L
33213-65-9	Endosulfan II	0.043		0.00080	0.0050	ug/L
72-54-8	4,4-DDD	0.042		0.00070	0.0050	ug/L
1031-07-8	Endosulfan Sulfate	0.043		0.00040	0.0050	ug/L
50-29-3	4,4-DDT	0.044		0.00040	0.0050	ug/L
72-43-5	Methoxychlor	0.045		0.0011	0.0050	ug/L
53494-70-5	Endrin ketone	0.044		0.00090	0.0050	ug/L
7421-93-4	Endrin aldehyde	0.044		0.0011	0.0050	ug/L
5103-71-9	alpha-Chlordane	0.040		0.00040	0.0050	ug/L
5103-74-2	gamma-Chlordane	0.039		0.00040	0.0050	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.10	ug/L
57-74-9	Chlordane	0.0088	U	0.0088	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.5		57 - 171	78%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		61 - 148	88%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MS		SDG No.:	Q3179	
Lab Sample ID:	Q3179-02MS		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090429.D	1	09/29/25 09:45	09/29/25 18:59	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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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:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MSD		SDG No.:	Q3179	
Lab Sample ID:	Q3179-03MSD		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090430.D	1	09/29/25 09:45	09/29/25 19:13	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.042		0.00040	0.0050	ug/L
319-85-7	beta-BHC	0.041		0.00050	0.0050	ug/L
319-86-8	delta-BHC	0.042		0.0011	0.0050	ug/L
58-89-9	gamma-BHC (Lindane)	0.041		0.00040	0.0050	ug/L
76-44-8	Heptachlor	0.037		0.00030	0.0050	ug/L
309-00-2	Aldrin	0.035		0.00040	0.0050	ug/L
1024-57-3	Heptachlor epoxide	0.045		0.0010	0.0050	ug/L
959-98-8	Endosulfan I	0.042		0.00030	0.0050	ug/L
60-57-1	Dieldrin	0.042		0.00040	0.0050	ug/L
72-55-9	4,4-DDE	0.040		0.00040	0.0050	ug/L
72-20-8	Endrin	0.043		0.00030	0.0050	ug/L
33213-65-9	Endosulfan II	0.043		0.00080	0.0050	ug/L
72-54-8	4,4-DDD	0.042		0.00070	0.0050	ug/L
1031-07-8	Endosulfan Sulfate	0.043		0.00040	0.0050	ug/L
50-29-3	4,4-DDT	0.043		0.00040	0.0050	ug/L
72-43-5	Methoxychlor	0.044		0.0011	0.0050	ug/L
53494-70-5	Endrin ketone	0.044		0.00090	0.0050	ug/L
7421-93-4	Endrin aldehyde	0.044		0.0011	0.0050	ug/L
5103-71-9	alpha-Chlordane	0.041		0.00040	0.0050	ug/L
5103-74-2	gamma-Chlordane	0.038		0.00040	0.0050	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.10	ug/L
57-74-9	Chlordane	0.0088	U	0.0088	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.8		57 - 171	74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		61 - 148	88%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MSD		SDG No.:	Q3179	
Lab Sample ID:	Q3179-03MSD		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SPLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090430.D	1	09/29/25 09:45	09/29/25 19:13	PB169882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H

Contract: ROYF02

SDG NO.: Q3179

Calibration Date(s): 09/18/2025 09/18/2025

Calibration Times: **10:30** **11:24**

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

LAB FILE ID:	RT 100 =	<u>PD090330.D</u>	RT 075 =	<u>PD090331.D</u>
RT 050 = PD090332.D	RT 025 =	PD090333.D	RT 005 =	PD090334.D

[illegible]

A
B
C
D
E
F
G
H

Contract: ROYF02

SDG NO.: Q3179

Calibration Date(s): **09/18/2025** **09/18/2025**

Calibration Times: 10:30 11:24

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

LAB FILE ID:	RT 100 =	<u>PD090330.D</u>	RT 075 =	<u>PD090331.D</u>
RT 050 = PD090332.D	RT 025 =	PD090333.D	RT 005 =	PD090334.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3179

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 10:30 11:24

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

LAB FILE ID:		CF 100 =	<u>PD090330.D</u>	CF 075 =	<u>PD090331.D</u>		
CF 050 =		<u>PD090332.D</u>	CF 025 =	<u>PD090333.D</u>	CF 005 =	<u>PD090334.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4207140000	4130580000	4014010000	3964590000	4172770000	4097820000	3
4,4'-DDE	5374140000	5287370000	5128730000	5024430000	5222910000	5207510000	3
4,4'-DDT	4574330000	4523620000	4372800000	4315380000	4476180000	4452460000	2
Aldrin	6538430000	6445600000	6233910000	6135550000	6396240000	6349940000	3
alpha-BHC	7531750000	7318540000	6929420000	6661110000	6481880000	6984540000	6
alpha-Chlordane	5775350000	5724530000	5604540000	5619990000	6079780000	5760840000	3
beta-BHC	2482280000	2482500000	2464130000	2562370000	2908310000	2579920000	7
Decachlorobiphenyl	4402260000	4491650000	4568910000	4877590000	5784880000	4825060000	12
delta-BHC	6900540000	6743360000	6436800000	6196590000	6010210000	6457500000	6
Dieldrin	5878480000	5813890000	5658660000	5591850000	5880560000	5764690000	2
Endosulfan I	5355870000	5330150000	5246990000	5296210000	5778070000	5401460000	4
Endosulfan II	4863810000	4809890000	4767830000	4731790000	5215710000	4877810000	4
Endosulfan sulfate	4488130000	4504880000	4451040000	4538020000	5019730000	4600360000	5
Endrin	4996080000	4929650000	4790800000	4732630000	5020530000	4893940000	3
Endrin aldehyde	3278170000	3320750000	3308650000	3392630000	3852740000	3430590000	7
Endrin ketone	4890930000	4897630000	4794420000	4865030000	5288830000	4947370000	4
gamma-BHC (Lindane)	6999120000	6835130000	6524340000	6332700000	6393110000	6616880000	4
gamma-Chlordane	5813690000	5752510000	5584900000	5550280000	5858310000	5711940000	2
Heptachlor	6772400000	6712800000	6486200000	6442050000	6649430000	6612570000	2
Heptachlor epoxide	5686760000	5637150000	5520680000	5549540000	6180470000	5714920000	5
Methoxychlor	2238390000	2263790000	2253430000	2355450000	2671490000	2356510000	8
Tetrachloro-m-xylene	3132360000	3130620000	3109950000	3314170000	3565160000	3250450000	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3179

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 10:30 11:24

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

LAB FILE ID:		CF 100 =	<u>PD090330.D</u>	CF 075 =	<u>PD090331.D</u>		
CF 050 =		<u>PD090332.D</u>	CF 025 =	<u>PD090333.D</u>	CF 005 =	<u>PD090334.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	30304900000	30692500000	31009200000	32903500000	37228900000	32427800000	9
4,4'-DDE	36124200000	36272100000	36686200000	38763000000	43549500000	38279000000	8
4,4'-DDT	33099900000	33102400000	33251000000	34736500000	37705500000	34379100000	6
Aldrin	37755900000	38014300000	38272600000	40300100000	45332100000	39935000000	8
alpha-BHC	41983700000	42103500000	41877000000	43751600000	49199100000	43783000000	7
alpha-Chlordane	35496600000	35665700000	35983600000	37925400000	43255100000	37665300000	9
beta-BHC	16104200000	16264800000	16450900000	17520600000	20336000000	17335300000	10
Decachlorobiphenyl	30416300000	30281700000	30308400000	32239300000	38828000000	32414700000	11
delta-BHC	39478300000	39575300000	39625200000	41252800000	46542500000	41294800000	7
Dieldrin	36291200000	36723400000	37358800000	39527500000	44828700000	38945900000	9
Endosulfan I	31926100000	32408300000	33081700000	35241100000	40368600000	34605200000	10
Endosulfan II	31161800000	31580800000	32283100000	34269000000	39458900000	33750700000	10
Endosulfan sulfate	30125200000	30553700000	31128700000	33188100000	38456200000	32690400000	10
Endrin	32764600000	33397800000	34021300000	37450400000	41526700000	35832100000	10
Endrin aldehyde	21653400000	22092600000	22663100000	23908000000	27417000000	23546800000	10
Endrin ketone	33026100000	33493700000	34356800000	36799800000	42838200000	36102900000	11
gamma-BHC (Lindane)	39011200000	39020700000	38893100000	40648000000	46104500000	40735500000	8
gamma-Chlordane	37136200000	37337600000	37533000000	39366900000	45057800000	39286300000	9
Heptachlor	38021400000	38528800000	38887000000	41156300000	46990300000	40716800000	9
Heptachlor epoxide	33658400000	34135100000	34882100000	37203700000	44446000000	36865100000	12
Methoxychlor	15805600000	16152500000	16575000000	17899900000	20568800000	17400400000	11
Tetrachloro-m-xylene	25734100000	25856000000	26010100000	27671900000	31977700000	27449900000	10

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3179

Instrument ID: ECD_D Date(s) Analyzed: 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.71	4.61	4.81	204668000
		2	5.24	5.14	5.34	205308000
		3	5.94	5.84	6.04	824953000
		4	6.03	5.93	6.13	997407000
		5	6.87	6.77	6.97	174700000
Toxaphene	500	1	6.24	6.14	6.34	44388200
		2	6.44	6.34	6.54	60483400
		3	7.14	7.04	7.24	113658000
		4	7.56	7.46	7.66	146448000
		5	7.93	7.83	8.03	83400400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3179

Instrument ID: ECD_D Date(s) Analyzed: 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.90	3.80	4.00	1171880000
		2	4.48	4.38	4.58	1211170000
		3	5.12	5.02	5.22	3662550000
		4	5.18	5.08	5.28	3137810000
		5	6.08	5.98	6.18	1492570000
Toxaphene	500	1	5.47	5.37	5.57	277984000
		2	5.64	5.54	5.74	187173000
		3	6.75	6.65	6.85	940593000
		4	7.19	7.09	7.29	622769000
		5	7.32	7.22	7.42	479062000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 14:24

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.08	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.08	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.91	6.81	7.01	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 14:24

Initial Calibration Time(s): 10:30

11:24

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	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.87	4.77	4.97	0.01
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.51	5.41	5.61	0.01
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	6.48	6.38	6.58	0.01
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00
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:** ROYF02
Lab Code: ACE **SDG NO.:** Q3179
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090418.D **Time Analyzed:** 14:24

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.708	6.601	6.801	53.350	50.000	6.7
4,4'-DDE	6.198	6.092	6.292	54.450	50.000	8.9
4,4'-DDT	7.025	6.917	7.117	55.300	50.000	10.6
Aldrin	5.273	5.166	5.366	54.150	50.000	8.3
alpha-BHC	4.002	3.895	4.095	55.470	50.000	10.9
alpha-Chlordane	6.028	5.922	6.122	51.710	50.000	3.4
beta-BHC	4.520	4.413	4.613	51.360	50.000	2.7
Decachlorobiphenyl	9.075	8.968	9.168	47.020	50.000	-6.0
delta-BHC	4.767	4.661	4.861	55.520	50.000	11.0
Dieldrin	6.350	6.243	6.443	54.290	50.000	8.6
Endosulfan I	6.075	5.970	6.170	52.210	50.000	4.4
Endosulfan II	6.789	6.682	6.882	53.510	50.000	7.0
Endosulfan sulfate	7.153	7.046	7.246	52.600	50.000	5.2
Endrin	6.577	6.469	6.669	55.050	50.000	10.1
Endrin aldehyde	6.918	6.811	7.011	54.850	50.000	9.7
Endrin ketone	7.634	7.527	7.727	53.900	50.000	7.8
gamma-BHC (Lindane)	4.333	4.226	4.426	54.340	50.000	8.7
gamma-Chlordane	5.949	5.842	6.042	52.170	50.000	4.3
Heptachlor	4.931	4.825	5.025	55.190	50.000	10.4
Heptachlor epoxide	5.693	5.586	5.786	51.230	50.000	2.5
Methoxychlor	7.497	7.390	7.590	51.260	50.000	2.5
Tetrachloro-m-xylene	3.552	3.446	3.646	49.690	50.000	-0.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3179
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090418.D **Time Analyzed:** 14:24

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.921	5.822	6.022	48.940	50.000	-2.1
4,4'-DDE	5.367	5.268	5.468	50.230	50.000	0.5
4,4'-DDT	6.176	6.076	6.276	49.700	50.000	-0.6
Aldrin	4.361	4.262	4.462	50.550	50.000	1.1
alpha-BHC	3.386	3.288	3.488	51.390	50.000	2.8
alpha-Chlordane	5.182	5.083	5.283	49.870	50.000	-0.3
beta-BHC	4.019	3.920	4.120	49.160	50.000	-1.7
Decachlorobiphenyl	8.063	7.964	8.164	43.590	50.000	-12.8
delta-BHC	4.255	4.156	4.356	50.270	50.000	0.5
Dieldrin	5.504	5.406	5.606	49.110	50.000	-1.8
Endosulfan I	5.239	5.140	5.340	49.900	50.000	-0.2
Endosulfan II	6.073	5.973	6.173	49.690	50.000	-0.6
Endosulfan sulfate	6.474	6.375	6.575	49.320	50.000	-1.4
Endrin	5.781	5.682	5.882	48.530	50.000	-2.9
Endrin aldehyde	6.251	6.152	6.352	51.590	50.000	3.2
Endrin ketone	6.984	6.884	7.084	46.400	50.000	-7.2
gamma-BHC (Lindane)	3.722	3.624	3.824	50.810	50.000	1.6
gamma-Chlordane	5.117	5.018	5.218	49.680	50.000	-0.6
Heptachlor	4.075	3.976	4.176	49.230	50.000	-1.5
Heptachlor epoxide	4.863	4.766	4.966	53.040	50.000	6.1
Methoxychlor	6.746	6.646	6.846	47.880	50.000	-4.2
Tetrachloro-m-xylene	2.874	2.776	2.976	48.470	50.000	-3.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 19:54

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.07	8.97	9.17	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	3.99	4.00	3.90	4.10	0.01
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	0.01
Heptachlor	4.92	4.93	4.83	5.03	0.01
Aldrin	5.26	5.27	5.17	5.37	0.01
Heptachlor epoxide	5.68	5.69	5.59	5.79	0.01
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	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
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: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 19:54

Initial Calibration Time(s): 10:30

11:24

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	2.88	2.88	2.78	2.98	0.00
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	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.87	4.77	4.97	0.01
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.51	5.41	5.61	0.01
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	6.48	6.38	6.58	0.01
4,4'-DDT	6.17	6.18	6.08	6.28	0.01
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:** ROYF02
Lab Code: ACE **SDG NO.:** Q3179
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090433.D **Time Analyzed:** 19:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.699	6.601	6.801	57.010	50.000	14.0
4,4'-DDE	6.189	6.092	6.292	57.100	50.000	14.2
4,4'-DDT	7.014	6.917	7.117	58.340	50.000	16.7
Aldrin	5.264	5.166	5.366	56.970	50.000	13.9
alpha-BHC	3.994	3.895	4.095	57.370	50.000	14.7
alpha-Chlordane	6.019	5.922	6.122	57.950	50.000	15.9
beta-BHC	4.511	4.413	4.613	53.270	50.000	6.5
Decachlorobiphenyl	9.063	8.968	9.168	48.970	50.000	-2.1
delta-BHC	4.758	4.661	4.861	57.770	50.000	15.5
Dieldrin	6.340	6.243	6.443	57.410	50.000	14.8
Endosulfan I	6.066	5.970	6.170	54.830	50.000	9.7
Endosulfan II	6.780	6.682	6.882	57.280	50.000	14.6
Endosulfan sulfate	7.143	7.046	7.246	56.270	50.000	12.5
Endrin	6.567	6.469	6.669	58.160	50.000	16.3
Endrin aldehyde	6.908	6.811	7.011	58.530	50.000	17.1
Endrin ketone	7.623	7.527	7.727	56.170	50.000	12.3
gamma-BHC (Lindane)	4.325	4.226	4.426	56.290	50.000	12.6
gamma-Chlordane	5.939	5.842	6.042	55.930	50.000	11.9
Heptachlor	4.923	4.825	5.025	57.190	50.000	14.4
Heptachlor epoxide	5.684	5.586	5.786	55.510	50.000	11.0
Methoxychlor	7.487	7.390	7.590	55.050	50.000	10.1
Tetrachloro-m-xylene	3.545	3.446	3.646	50.400	50.000	0.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3179
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090433.D **Time Analyzed:** 19:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.822	6.022	52.870	50.000	5.7
4,4'-DDE	5.366	5.268	5.468	53.450	50.000	6.9
4,4'-DDT	6.174	6.076	6.276	53.950	50.000	7.9
Aldrin	4.361	4.262	4.462	53.560	50.000	7.1
alpha-BHC	3.387	3.288	3.488	53.660	50.000	7.3
alpha-Chlordane	5.182	5.083	5.283	53.240	50.000	6.5
beta-BHC	4.019	3.920	4.120	52.190	50.000	4.4
Decachlorobiphenyl	8.060	7.964	8.164	48.060	50.000	-3.9
delta-BHC	4.255	4.156	4.356	53.440	50.000	6.9
Dieldrin	5.504	5.406	5.606	53.520	50.000	7.0
Endosulfan I	5.238	5.140	5.340	53.400	50.000	6.8
Endosulfan II	6.072	5.973	6.173	53.320	50.000	6.6
Endosulfan sulfate	6.474	6.375	6.575	53.260	50.000	6.5
Endrin	5.780	5.682	5.882	53.500	50.000	7.0
Endrin aldehyde	6.250	6.152	6.352	56.070	50.000	12.1
Endrin ketone	6.982	6.884	7.084	51.590	50.000	3.2
gamma-BHC (Lindane)	3.723	3.624	3.824	53.420	50.000	6.8
gamma-Chlordane	5.117	5.018	5.218	53.240	50.000	6.5
Heptachlor	4.075	3.976	4.176	53.840	50.000	7.7
Heptachlor epoxide	4.864	4.766	4.966	54.350	50.000	8.7
Methoxychlor	6.744	6.646	6.846	53.300	50.000	6.6
Tetrachloro-m-xylene	2.875	2.776	2.976	49.460	50.000	-1.1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090328.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:03

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	16.390	20.000	-18.1
Tetrachloro-m-xylene	3.546	3.500	3.600	16.190	20.000	-19.1
alpha-BHC	3.995	3.940	4.050	7.010	10.000	-29.9
beta-BHC	4.512	4.460	4.560	7.900	10.000	-21.0
gamma-BHC (Lindane)	4.325	4.270	4.380	7.190	10.000	-28.1
Endrin	6.569	6.500	6.640	38.000	50.000	-24.0
4,4'-DDT	7.016	6.950	7.090	74.700	100.000	-25.3
Methoxychlor	7.489	7.420	7.560	174.520	250.000	-30.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090328.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:03

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.063	7.960	8.160	15.820	20.000	-20.9
Tetrachloro-m-xylene	2.876	2.830	2.930	15.940	20.000	-20.3
alpha-BHC	3.388	3.340	3.440	8.280	10.000	-17.2
beta-BHC	4.020	3.970	4.070	8.430	10.000	-15.7
gamma-BHC (Lindane)	3.724	3.670	3.770	8.260	10.000	-17.4
Endrin	5.782	5.710	5.850	37.930	50.000	-24.1
4,4'-DDT	6.176	6.110	6.250	73.820	100.000	-26.2
Methoxychlor	6.746	6.680	6.820	155.590	250.000	-37.8

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090417.D Date Analyzed: 09/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:29

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.960	9.160	17.510	20.000	-12.5
Tetrachloro-m-xylene	3.545	3.490	3.600	20.030	20.000	0.2
alpha-BHC	3.995	3.940	4.050	8.200	10.000	-18.0
beta-BHC	4.512	4.460	4.560	8.870	10.000	-11.3
gamma-BHC (Lindane)	4.325	4.270	4.380	8.270	10.000	-17.3
Endrin	6.568	6.500	6.640	45.220	50.000	-9.6
4,4'-DDT	7.015	6.940	7.090	91.470	100.000	-8.5
Methoxychlor	7.486	7.420	7.560	211.850	250.000	-15.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090417.D Date Analyzed: 09/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:29

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	16.420	20.000	-17.9
Tetrachloro-m-xylene	2.875	2.820	2.930	19.600	20.000	-2.0
alpha-BHC	3.387	3.340	3.440	9.430	10.000	-5.7
beta-BHC	4.019	3.970	4.070	9.210	10.000	-7.9
gamma-BHC (Lindane)	3.723	3.670	3.770	9.400	10.000	-6.0
Endrin	5.780	5.710	5.850	41.220	50.000	-17.6
4,4'-DDT	6.174	6.100	6.240	81.100	100.000	-18.9
Methoxychlor	6.744	6.670	6.810	168.280	250.000	-32.7

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090432.D Date Analyzed: 09/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:40

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.960	9.160	18.840	20.000	-5.8
Tetrachloro-m-xylene	3.545	3.490	3.600	19.130	20.000	-4.4
alpha-BHC	3.994	3.940	4.040	8.430	10.000	-15.7
beta-BHC	4.512	4.460	4.560	9.360	10.000	-6.4
gamma-BHC (Lindane)	4.324	4.270	4.370	8.540	10.000	-14.6
Endrin	6.568	6.500	6.640	49.000	50.000	-2.0
4,4'-DDT	7.015	6.940	7.090	98.920	100.000	-1.1
Methoxychlor	7.487	7.420	7.560	228.680	250.000	-8.5

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090432.D Date Analyzed: 09/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:40

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	18.540	20.000	-7.3
Tetrachloro-m-xylene	2.875	2.820	2.930	18.780	20.000	-6.1
alpha-BHC	3.387	3.340	3.440	9.760	10.000	-2.4
beta-BHC	4.019	3.970	4.070	9.820	10.000	-1.8
gamma-BHC (Lindane)	3.723	3.670	3.770	9.820	10.000	-1.8
Endrin	5.781	5.710	5.850	46.210	50.000	-7.6
4,4'-DDT	6.174	6.100	6.240	89.980	100.000	-10.0
Methoxychlor	6.745	6.670	6.820	190.510	250.000	-23.8

Analytical Sequence

Client: Weston Solutions, Inc.

SDG No.: Q3179

Project: RFP 916

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/18/2025 09/18/2025

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	09/18/2025	09:49	PD090327.D	9.07	3.55
PEM	PEM	09/18/2025	10:03	PD090328.D	9.07	3.55
RESCHK	RESCHK	09/18/2025	10:16	PD090329.D	9.07	3.55
PSTDICCC100	PSTDICCC100	09/18/2025	10:30	PD090330.D	9.07	3.55
PSTDICCC075	PSTDICCC075	09/18/2025	10:43	PD090331.D	9.07	3.55
PSTDICCC050	PSTDICCC050	09/18/2025	10:57	PD090332.D	9.07	3.55
PSTDICCC025	PSTDICCC025	09/18/2025	11:11	PD090333.D	9.07	3.55
PSTDICCC005	PSTDICCC005	09/18/2025	11:24	PD090334.D	9.07	3.55
PCHLORICC500	PCHLORICC500	09/18/2025	12:05	PD090337.D	9.07	3.55
PTOXICC500	PTOXICC500	09/18/2025	13:12	PD090342.D	9.07	3.55
IBLK	IBLK	09/29/2025	11:15	PD090416.D	9.07	3.55
PEM	PEM	09/29/2025	11:29	PD090417.D	9.06	3.55
PSTDCCC050	PSTDCCC050	09/29/2025	14:24	PD090418.D	9.08	3.55
PB169882BL	PB169882BL	09/29/2025	17:24	PD090422.D	9.08	3.55
PB169882BS	PB169882BS	09/29/2025	17:37	PD090423.D	9.07	3.55
PB169882TB	PB169882TB	09/29/2025	17:51	PD090424.D	9.06	3.55
EME-TS14-01	Q3179-01	09/29/2025	18:46	PD090428.D	9.06	3.55
EME-TS14-01MS	Q3179-02MS	09/29/2025	18:59	PD090429.D	9.06	3.55
EME-TS14-01MSD	Q3179-03MSD	09/29/2025	19:13	PD090430.D	9.06	3.55
IBLK	IBLK	09/29/2025	19:27	PD090431.D	9.06	3.55
PEM	PEM	09/29/2025	19:40	PD090432.D	9.06	3.55
PSTDCCC050	PSTDCCC050	09/29/2025	19:54	PD090433.D	9.06	3.55

Analytical Sequence

Client: Weston Solutions, Inc.

SDG No.: Q3179

Project: RFP 916

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/18/2025 09/18/2025

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	09/18/2025	09:49	PD090327.D	8.06	2.88
PEM	PEM	09/18/2025	10:03	PD090328.D	8.06	2.88
RESCHK	RESCHK	09/18/2025	10:16	PD090329.D	8.06	2.88
PSTDICCC100	PSTDICCC100	09/18/2025	10:30	PD090330.D	8.06	2.88
PSTDICCC075	PSTDICCC075	09/18/2025	10:43	PD090331.D	8.06	2.88
PSTDICCC050	PSTDICCC050	09/18/2025	10:57	PD090332.D	8.06	2.88
PSTDICCC025	PSTDICCC025	09/18/2025	11:11	PD090333.D	8.06	2.88
PSTDICCC005	PSTDICCC005	09/18/2025	11:24	PD090334.D	8.06	2.88
PCHLORICC500	PCHLORICC500	09/18/2025	12:05	PD090337.D	8.06	2.88
PTOXICC500	PTOXICC500	09/18/2025	13:12	PD090342.D	8.06	2.88
IBLK	IBLK	09/29/2025	11:15	PD090416.D	8.06	2.87
PEM	PEM	09/29/2025	11:29	PD090417.D	8.06	2.88
PSTDCCC050	PSTDCCC050	09/29/2025	14:24	PD090418.D	8.06	2.87
PB169882BL	PB169882BL	09/29/2025	17:24	PD090422.D	8.06	2.87
PB169882BS	PB169882BS	09/29/2025	17:37	PD090423.D	8.06	2.88
PB169882TB	PB169882TB	09/29/2025	17:51	PD090424.D	8.06	2.88
EME-TS14-01	Q3179-01	09/29/2025	18:46	PD090428.D	8.06	2.88
EME-TS14-01MS	Q3179-02MS	09/29/2025	18:59	PD090429.D	8.06	2.88
EME-TS14-01MSD	Q3179-03MSD	09/29/2025	19:13	PD090430.D	8.06	2.88
IBLK	IBLK	09/29/2025	19:27	PD090431.D	8.06	2.88
PEM	PEM	09/29/2025	19:40	PD090432.D	8.06	2.88
PSTDCCC050	PSTDCCC050	09/29/2025	19:54	PD090433.D	8.06	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: Q3179-02MS

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.043	7.4
	2	6.07	6.02	6.12	0.040	
4,4'-DDD	1	6.70	6.65	6.75	0.042	6.9
	2	5.92	5.87	5.97	0.039	
4,4'-DDT	1	7.02	6.97	7.07	0.044	7.9
	2	6.18	6.13	6.23	0.040	
Endrin aldehyde	1	6.91	6.86	6.96	0.044	5.4
	2	6.25	6.20	6.30	0.042	
Endosulfan sulfate	1	7.14	7.09	7.19	0.043	6.8
	2	6.47	6.42	6.52	0.040	
Methoxychlor	1	7.49	7.44	7.54	0.045	12.7
	2	6.74	6.69	6.79	0.040	
Endrin ketone	1	7.62	7.57	7.67	0.044	12.5
	2	6.98	6.93	7.03	0.038	
alpha-BHC	1	4.00	3.95	4.05	0.042	4.9
	2	3.39	3.34	3.44	0.040	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.045	14
	2	3.72	3.67	3.77	0.039	
Heptachlor	1	4.92	4.87	4.97	0.038	1.1
	2	4.08	4.03	4.13	0.037	
Aldrin	1	5.27	5.22	5.32	0.036	1.7
	2	4.36	4.31	4.41	0.036	
beta-BHC	1	4.51	4.46	4.56	0.040	5.2
	2	4.02	3.97	4.07	0.042	
delta-BHC	1	4.76	4.71	4.81	0.046	16
	2	4.26	4.21	4.31	0.039	
Heptachlor epoxide	1	5.68	5.63	5.73	0.041	2.4
	2	4.87	4.82	4.92	0.042	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: Q3179-02MS

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.042	5.1
	2	5.24	5.19	5.29	0.040	
gamma-Chlordane	1	5.94	5.89	5.99	0.039	0.8
	2	5.12	5.07	5.17	0.039	
alpha-Chlordane	1	6.02	5.97	6.07	0.040	2.5
	2	5.18	5.13	5.23	0.039	
4,4'-DDE	1	6.19	6.14	6.24	0.041	6.5
	2	5.37	5.32	5.42	0.038	
Dieldrin	1	6.34	6.29	6.39	0.043	6.5
	2	5.51	5.46	5.56	0.040	
Endrin	1	6.57	6.52	6.62	0.044	8.4
	2	5.78	5.73	5.83	0.040	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MSD

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: Q3179-03MSD

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.042	7.4
	2	5.92	5.87	5.97	0.039	
4,4'-DDT	1	7.02	6.97	7.07	0.043	8.2
	2	6.17	6.12	6.22	0.040	
alpha-BHC	1	4.00	3.95	4.05	0.042	5.4
	2	3.39	3.34	3.44	0.040	
Aldrin	1	5.27	5.22	5.32	0.035	2
	2	4.36	4.31	4.41	0.034	
beta-BHC	1	4.51	4.46	4.56	0.040	3
	2	4.02	3.97	4.07	0.041	
delta-BHC	1	4.76	4.71	4.81	0.042	7.1
	2	4.26	4.21	4.31	0.039	
Endosulfan I	1	6.07	6.02	6.12	0.042	5.4
	2	5.24	5.19	5.29	0.040	
alpha-Chlordane	1	6.02	5.97	6.07	0.041	6.6
	2	5.18	5.13	5.23	0.038	
4,4'-DDE	1	6.19	6.14	6.24	0.040	5.9
	2	5.37	5.32	5.42	0.038	
Dieldrin	1	6.34	6.29	6.39	0.042	6.8
	2	5.50	5.45	5.55	0.040	
Endosulfan II	1	6.78	6.73	6.83	0.043	7
	2	6.07	6.02	6.12	0.040	
Endrin aldehyde	1	6.91	6.86	6.96	0.044	5.4
	2	6.25	6.20	6.30	0.042	
Endosulfan sulfate	1	7.14	7.09	7.19	0.043	6.6
	2	6.47	6.42	6.52	0.040	
Methoxychlor	1	7.49	7.44	7.54	0.044	9.8
	2	6.74	6.69	6.79	0.040	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MSD

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: Q3179-03MSD

Date(s) Analyzed: 09/29/2025 09/29/2025

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	7.62	7.57	7.67	0.044	12.4
	2	6.98	6.93	7.03	0.039	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.041	3
	2	3.72	3.67	3.77	0.040	
Heptachlor	1	4.92	4.87	4.97	0.037	4.2
	2	4.08	4.03	4.13	0.035	
Heptachlor epoxide	1	5.68	5.63	5.73	0.040	11.1
	2	4.86	4.81	4.91	0.045	
gamma-Chlordane	1	5.94	5.89	5.99	0.038	0.8
	2	5.12	5.07	5.17	0.038	
Endrin	1	6.57	6.52	6.62	0.043	8.4
	2	5.78	5.73	5.83	0.040	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169882BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: PB169882BS

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.050	8.7
	2	6.07	6.02	6.12	0.046	
4,4'-DDD	1	6.70	6.65	6.75	0.051	10.1
	2	5.92	5.87	5.97	0.046	
4,4'-DDT	1	7.02	6.97	7.07	0.049	4.8
	2	6.17	6.12	6.22	0.046	
Endrin aldehyde	1	6.91	6.86	6.96	0.051	6
	2	6.25	6.20	6.30	0.048	
Endosulfan sulfate	1	7.15	7.10	7.20	0.048	5.1
	2	6.47	6.42	6.52	0.046	
Methoxychlor	1	7.49	7.44	7.54	0.053	13.8
	2	6.75	6.70	6.80	0.046	
Endrin ketone	1	7.63	7.58	7.68	0.048	6.2
	2	6.98	6.93	7.03	0.051	
alpha-BHC	1	4.00	3.95	4.05	0.049	4.6
	2	3.39	3.34	3.44	0.047	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.048	3
	2	3.72	3.67	3.77	0.047	
Heptachlor	1	4.92	4.87	4.97	0.050	5.8
	2	4.08	4.03	4.13	0.047	
Aldrin	1	5.27	5.22	5.32	0.049	4.4
	2	4.36	4.31	4.41	0.047	
beta-BHC	1	4.51	4.46	4.56	0.046	0.2
	2	4.02	3.97	4.07	0.046	
delta-BHC	1	4.76	4.71	4.81	0.049	5.9
	2	4.26	4.21	4.31	0.046	
Heptachlor epoxide	1	5.69	5.64	5.74	0.048	16.7
	2	4.86	4.81	4.91	0.057	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169882BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: PB169882BS

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.048	7.6
	2	5.24	5.19	5.29	0.044	
gamma-Chlordane	1	5.94	5.89	5.99	0.046	0.4
	2	5.12	5.07	5.17	0.046	
alpha-Chlordane	1	6.02	5.97	6.07	0.045	2.6
	2	5.18	5.13	5.23	0.046	
4,4'-DDE	1	6.19	6.14	6.24	0.049	4.2
	2	5.37	5.32	5.42	0.047	
Dieldrin	1	6.34	6.29	6.39	0.049	7.4
	2	5.50	5.45	5.55	0.046	
Endrin	1	6.57	6.52	6.62	0.051	2
	2	5.78	5.73	5.83	0.050	