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LAB CHRONICLE

OrderID:	Q3257	**OrderDate:**	9/30/2025 2:40:01 PM
Client:	CDM Smith	**Project:**	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	**ENV1-6FT**	**SOIL**			**09/30/25**			**09/30/25**
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
Q3257-02	**ENV2-6FT**	**SOIL**			**09/29/25**			**09/30/25**
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3257 **Order ID:** Q3257

Client: CDM Smith **Project ID:** MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097486.D	1	10/01/25 09:36	10/01/25 15:06	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.2		20 - 144	51%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		19 - 148	63%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097486.D	1	10/01/25 09:36	10/01/25 15:06	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097487.D	1	10/01/25 09:36	10/01/25 15:20	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		20 - 144	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.9		19 - 148	70%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097487.D	1	10/01/25 09:36	10/01/25 15:20	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

QC SUMMARY

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Surrogate Summary

SDG No.: Q3257

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PL097268.D	PIBLK-PL097268.D	Decachlorobiphen	1	20	17.3	87		57	171
		Tetrachloro-m-xyl	1	20	15.6	78		61	148
		Decachlorobiphen	2	20	17.1	86		57	171
		Tetrachloro-m-xyl	2	20	16.0	80		61	148
I.BLK-PL097467.D	PIBLK-PL097467.D	Decachlorobiphen	1	20	24.8	124		57	171
		Tetrachloro-m-xyl	1	20	21.9	109		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.2	101		61	148
PB169933BL	PB169933BL	Decachlorobiphen	1	20	22.8	114		20	144
		Tetrachloro-m-xyl	1	20	20.2	101		19	148
		Decachlorobiphen	2	20	20.0	100		20	144
		Tetrachloro-m-xyl	2	20	19.8	99		19	148
PB169933BS	PB169933BS	Decachlorobiphen	1	20	20.4	102		20	144
		Tetrachloro-m-xyl	1	20	17.4	87		19	148
		Decachlorobiphen	2	20	17.7	88		20	144
		Tetrachloro-m-xyl	2	20	17.0	85		19	148
I.BLK-PL097482.D	PIBLK-PL097482.D	Decachlorobiphen	1	20	24.7	124		57	171
		Tetrachloro-m-xyl	1	20	21.1	106		61	148
		Decachlorobiphen	2	20	21.5	108		57	171
		Tetrachloro-m-xyl	2	20	20.6	103		61	148
Q3257-01	ENV1-6FT	Decachlorobiphen	1	20	10.2	51		20	144
		Tetrachloro-m-xyl	1	20	12.6	63		19	148
		Decachlorobiphen	2	20	8.67	43		20	144
		Tetrachloro-m-xyl	2	20	12.2	61		19	148
Q3257-02	ENV2-6FT	Decachlorobiphen	1	20	14.2	71		20	144
		Tetrachloro-m-xyl	1	20	13.9	70		19	148
		Decachlorobiphen	2	20	12.3	62		20	144
		Tetrachloro-m-xyl	2	20	13.7	68		19	148
Q3257-02MS	ENV2-6FTMS	Decachlorobiphen	1	20	15.1	76		20	144
		Tetrachloro-m-xyl	1	20	14.1	70		19	148
		Decachlorobiphen	2	20	12.9	64		20	144
		Tetrachloro-m-xyl	2	20	13.8	69		19	148
Q3257-02MSD	ENV2-6FTMSD	Decachlorobiphen	1	20	15.0	75		20	144
		Tetrachloro-m-xyl	1	20	14.3	72		19	148
		Decachlorobiphen	2	20	13.2	66		20	144
		Tetrachloro-m-xyl	2	20	13.8	69		19	148
I.BLK-PL097490.D	PIBLK-PL097490.D	Decachlorobiphen	1	20	24.6	123		57	171
		Tetrachloro-m-xyl	1	20	21.3	107		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	20.5	103		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097488.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3257-02MS (Column 1)**	**Client Sample ID:**		**ENV2-6FTMS**								
	alpha-BHC	19.66	0	13.6	ug/kg	69				60	144	
	beta-BHC	19.66	0	13.8	ug/kg	70				54	143	
	delta-BHC	19.66	0	13.9	ug/kg	71				29	151	
	gamma-BHC (Lindane)	19.66	0	13.4	ug/kg	68				61	140	
	Heptachlor	19.66	0	12.4	ug/kg	63				63	135	
	Aldrin	19.66	0	13.2	ug/kg	67				49	139	
	Heptachlor epoxide	19.66	0	14.2	ug/kg	72				41	156	
	Endosulfan I	19.66	0	13.5	ug/kg	69				56	142	
	Dieldrin	19.66	0	13.9	ug/kg	71				47	161	
	4,4'-DDE	19.66	0	14.3	ug/kg	73				55	136	
	Endrin	19.66	0	13.1	ug/kg	67				57	139	
	Endosulfan II	19.66	0	13.4	ug/kg	68				40	163	
	4,4'-DDD	19.66	0	15.5	ug/kg	79				47	163	
	Endosulfan sulfate	19.66	0	14.1	ug/kg	72				62	139	
	4,4'-DDT	19.66	0	11.8	ug/kg	60				51	146	
	Methoxychlor	19.66	0	11.8	ug/kg	60				54	136	
	Endrin ketone	19.66	0	14.8	ug/kg	75				60	129	
	Endrin aldehyde	19.66	0	14.0	ug/kg	71				59	132	
	alpha-Chlordane	19.66	0	13.5	ug/kg	69				39	166	
	gamma-Chlordane	19.66	0	14.1	ug/kg	72				44	175	
Lab Sample ID:	**Q3257-02MS (Column 2)**	**Client Sample ID:**		**ENV2-6FTMS**								
	alpha-BHC	19.66	0	13.1	ug/kg	67				60	144	
	beta-BHC	19.66	0	14.8	ug/kg	75				54	143	
	delta-BHC	19.66	0	12.8	ug/kg	65				29	151	
	gamma-BHC (Lindane)	19.66	0	12.9	ug/kg	66				61	140	
	Heptachlor	19.66	0	12.0	ug/kg	61	*			63	135	
	Aldrin	19.66	0	12.9	ug/kg	66				49	139	
	Heptachlor epoxide	19.66	0	13.1	ug/kg	67				41	156	
	Endosulfan I	19.66	0	13.0	ug/kg	66				56	142	
	Dieldrin	19.66	0	13.0	ug/kg	66				47	161	
	4,4'-DDE	19.66	0	13.0	ug/kg	66				55	136	
	Endrin	19.66	0	12.4	ug/kg	63				57	139	
	Endosulfan II	19.66	0	12.9	ug/kg	66				40	163	
	4,4'-DDD	19.66	0	13.3	ug/kg	68				47	163	
	Endosulfan sulfate	19.66	0	12.6	ug/kg	64				62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097488.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	19.66	0	10.3	ug/kg	52				51	146	
Methoxychlor	19.66	0	10.4	ug/kg	53	*			54	136	
Endrin ketone	19.66	0	12.8	ug/kg	65				60	129	
Endrin aldehyde	19.66	0	11.1	ug/kg	56	*			59	132	
alpha-Chlordane	19.66	0	13.1	ug/kg	67				39	166	
gamma-Chlordane	19.66	0	12.9	ug/kg	66				44	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097489.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3257-02MSD (Column 1)**	**Client Sample ID:**		**ENV2-6FTMSD**								
	alpha-BHC	19.63	0	13.7	ug/kg	70		1		60	144	20
	beta-BHC	19.63	0	13.9	ug/kg	71		1		54	143	20
	delta-BHC	19.63	0	13.8	ug/kg	70		1		29	151	20
	gamma-BHC (Lindane)	19.63	0	13.4	ug/kg	68		0		61	140	20
	Heptachlor	19.63	0	12.5	ug/kg	64		2		63	135	20
	Aldrin	19.63	0	13.4	ug/kg	68		1		49	139	20
	Heptachlor epoxide	19.63	0	14.3	ug/kg	73		1		41	156	20
	Endosulfan I	19.63	0	13.7	ug/kg	70		1		56	142	20
	Dieldrin	19.63	0	14.0	ug/kg	71		0		47	161	20
	4,4'-DDE	19.63	0	14.5	ug/kg	74		1		55	136	20
	Endrin	19.63	0	13.2	ug/kg	67		0		57	139	20
	Endosulfan II	19.63	0	13.6	ug/kg	69		1		40	163	20
	4,4'-DDD	19.63	0	15.7	ug/kg	80		1		47	163	20
	Endosulfan sulfate	19.63	0	14.1	ug/kg	72		0		62	139	20
	4,4'-DDT	19.63	0	11.6	ug/kg	59		2		51	146	20
	Methoxychlor	19.63	0	11.7	ug/kg	60		0		54	136	20
	Endrin ketone	19.63	0	14.9	ug/kg	76		1		60	129	20
	Endrin aldehyde	19.63	0	13.2	ug/kg	67		6		59	132	20
	alpha-Chlordane	19.63	0	13.6	ug/kg	69		0		39	166	20
	gamma-Chlordane	19.63	0	14.3	ug/kg	73		1		44	175	20
Lab Sample ID:	**Q3257-02MSD (Column 2)**	**Client Sample ID:**		**ENV2-6FTMSD**								
	alpha-BHC	19.63	0	13.2	ug/kg	67		0		60	144	20
	beta-BHC	19.63	0	14.8	ug/kg	75		0		54	143	20
	delta-BHC	19.63	0	12.8	ug/kg	65		0		29	151	20
	gamma-BHC (Lindane)	19.63	0	13.0	ug/kg	66		0		61	140	20
	Heptachlor	19.63	0	12.0	ug/kg	61	*	0		63	135	20
	Aldrin	19.63	0	13.0	ug/kg	66		0		49	139	20
	Heptachlor epoxide	19.63	0	13.2	ug/kg	67		0		41	156	20
	Endosulfan I	19.63	0	13.0	ug/kg	66		0		56	142	20
	Dieldrin	19.63	0	13.1	ug/kg	67		2		47	161	20
	4,4'-DDE	19.63	0	13.1	ug/kg	67		2		55	136	20
	Endrin	19.63	0	12.3	ug/kg	63		0		57	139	20
	Endosulfan II	19.63	0	13.0	ug/kg	66		0		40	163	20
	4,4'-DDD	19.63	0	13.5	ug/kg	69		1		47	163	20
	Endosulfan sulfate	19.63	0	12.6	ug/kg	64		0		62	139	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097489.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	19.63	0	10.2	ug/kg	52		0		51	146	20
Methoxychlor	19.63	0	10.2	ug/kg	52	*	2		54	136	20
Endrin ketone	19.63	0	12.9	ug/kg	66		2		60	129	20
Endrin aldehyde	19.63	0	10.5	ug/kg	53	*	6		59	132	20
alpha-Chlordane	19.63	0	13.2	ug/kg	67		0		39	166	20
gamma-Chlordane	19.63	0	13.1	ug/kg	67		2		44	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **Datafile :** PL097481.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169933BS (Column 1)	alpha-BHC	16.65	15.0	ug/kg	90				84	123	
	beta-BHC	16.65	15.0	ug/kg	90				82	123	
	delta-BHC	16.65	15.6	ug/kg	94				83	126	
	gamma-BHC (Lindane)	16.65	14.8	ug/kg	89				83	125	
	Heptachlor	16.65	14.4	ug/kg	86				83	122	
	Aldrin	16.65	14.7	ug/kg	88				82	124	
	Heptachlor epoxide	16.65	15.3	ug/kg	92				83	120	
	Endosulfan I	16.65	15.4	ug/kg	92				81	124	
	Dieldrin	16.65	15.3	ug/kg	92				85	121	
	4,4'-DDE	16.65	15.9	ug/kg	95				81	123	
	Endrin	16.65	15.4	ug/kg	92				76	130	
	Endosulfan II	16.65	14.5	ug/kg	87				80	125	
	4,4'-DDD	16.65	17.0	ug/kg	102				80	131	
	Endosulfan sulfate	16.65	16.1	ug/kg	97				81	122	
	4,4'-DDT	16.65	14.6	ug/kg	88				70	129	
	Methoxychlor	16.65	14.5	ug/kg	87				60	119	
	Endrin ketone	16.65	16.7	ug/kg	100				77	132	
	Endrin aldehyde	16.65	17.3	ug/kg	104				79	124	
	alpha-Chlordane	16.65	15.3	ug/kg	92				84	120	
	gamma-Chlordane	16.65	15.2	ug/kg	91				83	122	
PB169933BS (Column 2)	alpha-BHC	16.65	14.7	ug/kg	88				84	123	
	beta-BHC	16.65	13.9	ug/kg	83				82	123	
	delta-BHC	16.65	14.5	ug/kg	87				83	126	
	gamma-BHC (Lindane)	16.65	14.6	ug/kg	88				83	125	
	Heptachlor	16.65	14.2	ug/kg	85				83	122	
	Aldrin	16.65	14.6	ug/kg	88				82	124	
	Heptachlor epoxide	16.65	14.7	ug/kg	88				83	120	
	Endosulfan I	16.65	13.8	ug/kg	83				81	124	
	Dieldrin	16.65	15.0	ug/kg	90				85	121	
	4,4'-DDE	16.65	14.5	ug/kg	87				81	123	
	Endrin	16.65	16.0	ug/kg	96				76	130	
	Endosulfan II	16.65	14.4	ug/kg	86				80	125	
	4,4'-DDD	16.65	14.8	ug/kg	89				80	131	
	Endosulfan sulfate	16.65	14.6	ug/kg	88				81	122	
	4,4'-DDT	16.65	12.8	ug/kg	77				70	129	
	Methoxychlor	16.65	12.8	ug/kg	77				60	119	
	Endrin ketone	16.65	16.1	ug/kg	97				77	132	
	Endrin aldehyde	16.65	14.5	ug/kg	87				79	124	
	alpha-Chlordane	16.65	14.4	ug/kg	86				84	120	
	gamma-Chlordane	16.65	14.3	ug/kg	86				83	122	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169933BL

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3257

Lab Sample ID: PB169933BL Lab File ID: PL097480.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 10/01/2025

Date Analyzed (1): 10/01/2025 Date Analyzed (2): 10/01/2025

Time Analyzed (1): 13:34 Time Analyzed (2): 13:34

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

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
PB169933BS	PB169933BS	PL097481.D	10/01/2025	10/01/2025
ENV1-6FT	Q3257-01	PL097486.D	10/01/2025	10/01/2025
ENV2-6FT	Q3257-02	PL097487.D	10/01/2025	10/01/2025
ENV2-6FTMS	Q3257-02MS	PL097488.D	10/01/2025	10/01/2025
ENV2-6FTMSD	Q3257-02MSD	PL097489.D	10/01/2025	10/01/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BL	SDG No.:	Q3257
Lab Sample ID:	PB169933BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097480.D	1	10/01/25 09:36	10/01/25 13:34	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.8		20 - 144	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		19 - 148	101%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BL	SDG No.:	Q3257
Lab Sample ID:	PB169933BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097480.D	1	10/01/25 09:36	10/01/25 13:34	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.0		61 - 148	80%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097467.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097467.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097467.D	1		10/01/25	Pl100125

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.8		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		61 - 148	109%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097467.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097467.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097467.D	1		10/01/25	Pl100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097482.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097482.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097482.D	1		10/01/25	Pl100125

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		61 - 148	106%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097482.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097482.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097482.D	1		10/01/25	Pl100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097490.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097490.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097490.D	1		10/01/25	Pl100125

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.6		57 - 171	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		61 - 148	107%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097490.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097490.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097490.D	1		10/01/25	Pl100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BS	SDG No.:	Q3257
Lab Sample ID:	PB169933BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097481.D	1	10/01/25 09:36	10/01/25 13:48	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.0		0.13	1.70	ug/kg
319-85-7	beta-BHC	15.0		0.18	1.70	ug/kg
319-86-8	delta-BHC	15.6		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	14.8		0.14	1.70	ug/kg
76-44-8	Heptachlor	14.4		0.12	1.70	ug/kg
309-00-2	Aldrin	14.7		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	15.3		0.19	1.70	ug/kg
959-98-8	Endosulfan I	15.4		0.14	1.70	ug/kg
60-57-1	Dieldrin	15.3		0.14	1.70	ug/kg
72-55-9	4,4-DDE	15.9		0.14	1.70	ug/kg
72-20-8	Endrin	16.0		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	14.5		0.29	1.70	ug/kg
72-54-8	4,4-DDD	17.0		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	14.6		0.14	1.70	ug/kg
72-43-5	Methoxychlor	14.5		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	16.7		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.3		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	15.3		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	15.2		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.4		20 - 144	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		19 - 148	87%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BS	SDG No.:	Q3257
Lab Sample ID:	PB169933BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097481.D	1	10/01/25 09:36	10/01/25 13:48	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097488.D	1	10/01/25 09:36	10/01/25 15:33	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.6		0.15	2.00	ug/kg
319-85-7	beta-BHC	14.8		0.21	2.00	ug/kg
319-86-8	delta-BHC	13.9		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	13.4		0.17	2.00	ug/kg
76-44-8	Heptachlor	12.4		0.14	2.00	ug/kg
309-00-2	Aldrin	13.2		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	14.2		0.22	2.00	ug/kg
959-98-8	Endosulfan I	13.5		0.17	2.00	ug/kg
60-57-1	Dieldrin	13.9		0.17	2.00	ug/kg
72-55-9	4,4-DDE	14.3		0.17	2.00	ug/kg
72-20-8	Endrin	13.1		0.17	2.00	ug/kg
33213-65-9	Endosulfan II	13.4		0.34	2.00	ug/kg
72-54-8	4,4-DDD	15.5		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	14.1		0.15	2.00	ug/kg
50-29-3	4,4-DDT	11.8		0.17	2.00	ug/kg
72-43-5	Methoxychlor	11.8		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	14.8		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	14.0		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	13.5		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	14.1		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.1		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.1		19 - 148	70%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097488.D	1	10/01/25 09:36	10/01/25 15:33	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097489.D	1	10/01/25 09:36	10/01/25 15:47	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.7		0.15	2.00	ug/kg
319-85-7	beta-BHC	14.8		0.21	2.00	ug/kg
319-86-8	delta-BHC	13.8		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	13.4		0.16	2.00	ug/kg
76-44-8	Heptachlor	12.5		0.14	2.00	ug/kg
309-00-2	Aldrin	13.4		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	14.3		0.22	2.00	ug/kg
959-98-8	Endosulfan I	13.7		0.16	2.00	ug/kg
60-57-1	Dieldrin	14.0		0.16	2.00	ug/kg
72-55-9	4,4-DDE	14.5		0.16	2.00	ug/kg
72-20-8	Endrin	13.2		0.16	2.00	ug/kg
33213-65-9	Endosulfan II	13.6		0.34	2.00	ug/kg
72-54-8	4,4-DDD	15.7		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	14.1		0.15	2.00	ug/kg
50-29-3	4,4-DDT	11.6		0.16	2.00	ug/kg
72-43-5	Methoxychlor	11.7		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	14.9		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	13.2		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	13.6		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	14.3		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.0		20 - 144	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.3		19 - 148	72%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097489.D	1	10/01/25 09:36	10/01/25 15:47	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L
Contract: CAMP02
SDG NO.: Q3257
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: RT 100 = PL097271.D RT 075 = PL097272.D
RT 050 = PL097273.D RT 025 = PL097274.D RT 005 = PL097275.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
4,4'-DDE	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
4,4'-DDT	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	3.97	3.98	3.98	3.97	3.97	3.97	3.87	4.07
alpha-Chlordane	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
beta-BHC	4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Decachlorobiphenyl	9.00	9.00	9.00	9.00	9.00	9.00	8.90	9.10
delta-BHC	4.74	4.74	4.74	4.74	4.73	4.73	4.63	4.83
Dieldrin	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Endosulfan I	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Endosulfan II	6.75	6.75	6.75	6.75	6.74	6.75	6.65	6.85
Endosulfan sulfate	7.11	7.11	7.11	7.11	7.11	7.11	7.01	7.21
Endrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endrin aldehyde	6.87	6.88	6.87	6.88	6.87	6.87	6.77	6.97
Endrin ketone	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
gamma-BHC (Lindane)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
gamma-Chlordane	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Heptachlor	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Heptachlor epoxide	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Methoxychlor	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
Tetrachloro-m-xylene	3.53	3.53	3.53	3.53	3.53	3.53	3.43	3.63

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L
Contract: CAMP02
SDG NO.: Q3257
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: RT 100 = PL097271.D RT 075 = PL097272.D
RT 050 = PL097273.D RT 025 = PL097274.D RT 005 = PL097275.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
4,4'-DDE	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
4,4'-DDT	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aldrin	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
alpha-BHC	3.33	3.33	3.33	3.33	3.33	3.33	3.23	3.43
alpha-Chlordane	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
beta-BHC	3.96	3.96	3.96	3.96	3.96	3.96	3.86	4.06
Decachlorobiphenyl	7.98	7.99	7.98	7.98	7.98	7.98	7.88	8.08
delta-BHC	4.19	4.19	4.19	4.19	4.19	4.19	4.09	4.29
Dieldrin	5.43	5.43	5.43	5.43	5.43	5.43	5.33	5.53
Endosulfan I	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Endosulfan II	5.99	6.00	6.00	6.00	5.99	5.99	5.89	6.09
Endosulfan sulfate	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Endrin	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Endrin aldehyde	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Endrin ketone	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
gamma-Chlordane	5.04	5.05	5.05	5.05	5.04	5.04	4.94	5.14
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.67	6.67	6.67	6.68	6.67	6.67	6.57	6.77
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q3257
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: **CF 100 =** PL097271.D **CF 075 =** PL097272.D
CF 050 = PL097273.D **CF 025 =** PL097274.D **CF 005 =** PL097275.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3890970000	3788420000	3762720000	3580660000	3829940000	3770540000	3
4,4'-DDE	4963980000	4819990000	4737070000	4512820000	4789690000	4764710000	3
4,4'-DDT	4402840000	4274830000	4245340000	4064150000	4148830000	4227200000	3
Aldrin	6552430000	6368880000	6295000000	6072640000	6380380000	6333870000	3
alpha-BHC	7433460000	7150430000	7020140000	6635730000	6697400000	6987430000	5
alpha-Chlordane	5728330000	5597580000	5593620000	5491270000	5988720000	5679910000	3
beta-BHC	2691590000	2641310000	2679400000	2673590000	2945030000	2726180000	5
Decachlorobiphenyl	3151670000	3121880000	3187620000	3242730000	3657150000	3272210000	7
delta-BHC	6408970000	6173000000	6129940000	5874830000	5754960000	6068340000	4
Dieldrin	5667980000	5504780000	5450620000	5257570000	5529790000	5482150000	3
Endosulfan I	5248570000	5119040000	5121050000	5001710000	5416320000	5181340000	3
Endosulfan II	4694590000	4637630000	4774680000	4729590000	5755250000	4918350000	10
Endosulfan sulfate	4084400000	3990510000	4020090000	3958010000	4360620000	4082720000	4
Endrin	4777540000	4640970000	4618310000	4356250000	4672620000	4613140000	3
Endrin aldehyde	3035530000	2997840000	3059200000	3036470000	3285020000	3082810000	4
Endrin ketone	4296460000	4191230000	4224850000	4117820000	4391400000	4244350000	2
gamma-BHC (Lindane)	6940420000	6699850000	6593990000	6320490000	6510990000	6613150000	3
gamma-Chlordane	5793040000	5651990000	5610580000	5462080000	5749930000	5653520000	2
Heptachlor	6809100000	6621120000	6608040000	6426970000	6885270000	6670100000	3
Heptachlor epoxide	5764160000	5655320000	5756800000	5829540000	5728960000	5746960000	1
Methoxychlor	2052960000	2027370000	2062620000	2055200000	2228740000	2085380000	4
Tetrachloro-m-xylene	4554070000	4459430000	4465020000	4402740000	4754560000	4527160000	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q3257
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: CF 100 = PL097271.D CF 075 = PL097272.D
CF 050 = PL097273.D CF 025 = PL097274.D CF 005 = PL097275.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6589410000	6442790000	6358010000	6264340000	6590870000	6449080000	2
4,4'-DDE	7911410000	7746610000	7699440000	7406140000	7660040000	7684730000	2
4,4'-DDT	7190090000	7022180000	6972860000	6696570000	6720750000	6920490000	3
Aldrin	8860980000	8673260000	8661660000	8404070000	8796570000	8679310000	2
alpha-BHC	10445300000	10099800000	10014300000	9556100000	9672320000	9957580000	4
alpha-Chlordane	8274780000	8189370000	8245060000	8242520000	8550750000	8300500000	2
beta-BHC	3970220000	3899800000	3948240000	3983880000	4508040000	4062030000	6
Decachlorobiphenyl	5360550000	5307930000	5459740000	5623180000	6706450000	5691570000	10
delta-BHC	9586460000	9293680000	9232620000	8834360000	9014090000	9192240000	3
Dieldrin	8251310000	8119720000	8132170000	7909230000	8471500000	8176790000	3
Endosulfan I	7387320000	7345100000	7430480000	7454690000	8800570000	7683630000	8
Endosulfan II	6977690000	6911390000	6956920000	6938260000	7761900000	7109230000	5
Endosulfan sulfate	6664750000	6623680000	6716400000	6733120000	7510980000	6849790000	5
Endrin	7450260000	7335750000	7338920000	7289700000	8137930000	7510510000	5
Endrin aldehyde	4761890000	4756960000	4914450000	5156210000	7097510000	5337410000	19
Endrin ketone	7223190000	7153630000	7391340000	7391360000	8491940000	7530290000	7
gamma-BHC (Lindane)	9632950000	9373760000	9300450000	8991300000	9274840000	9314660000	2
gamma-Chlordane	8553830000	8490290000	8565810000	8624220000	9435120000	8733850000	5
Heptachlor	9299100000	9162550000	9216060000	9078210000	9769790000	9305140000	3
Heptachlor epoxide	7825700000	7749420000	7831840000	7763530000	8487220000	7931540000	4
Methoxychlor	3580590000	3582010000	3698660000	3768400000	4217720000	3769480000	7
Tetrachloro-m-xylene	6546800000	6457210000	6449880000	6384190000	7039690000	6575560000	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.20	6.10	6.30	42075500
		2	6.60	6.50	6.70	33847100
		3	7.01	6.91	7.11	141900000
		4	7.11	7.01	7.21	105792000
		5	7.88	7.78	7.98	74166200

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.07	4.97	5.17	42482700
		2	5.75	5.65	5.85	54918500
		3	6.03	5.93	6.13	57955900
		4	6.67	6.57	6.77	177984000
		5	7.11	7.01	7.21	109140000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 10:02 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.16	6.16	6.06	6.26	0.00
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.59	7.59	7.49	7.69	0.00
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 10:02 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097469.D **Time Analyzed:** 10:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.663	6.566	6.766	55.030	50.000	10.1
4,4'-DDE	6.155	6.056	6.256	52.670	50.000	5.3
4,4'-DDT	6.978	6.880	7.080	51.120	50.000	2.2
Aldrin	5.230	5.132	5.332	49.480	50.000	-1.0
alpha-BHC	3.972	3.875	4.075	50.010	50.000	0.0
alpha-Chlordane	5.983	5.886	6.086	50.410	50.000	0.8
beta-BHC	4.488	4.390	4.590	49.380	50.000	-1.2
Decachlorobiphenyl	9.000	8.902	9.102	47.370	50.000	-5.3
delta-BHC	4.732	4.635	4.835	51.310	50.000	2.6
Dieldrin	6.304	6.206	6.406	51.740	50.000	3.5
Endosulfan I	6.030	5.934	6.134	50.370	50.000	0.7
Endosulfan II	6.743	6.646	6.846	47.750	50.000	-4.5
Endosulfan sulfate	7.107	7.007	7.207	52.870	50.000	5.7
Endrin	6.531	6.432	6.632	53.250	50.000	6.5
Endrin aldehyde	6.872	6.774	6.974	55.820	50.000	11.6
Endrin ketone	7.586	7.487	7.687	54.630	50.000	9.3
gamma-BHC (Lindane)	4.300	4.202	4.402	49.130	50.000	-1.7
gamma-Chlordane	5.903	5.806	6.006	51.340	50.000	2.7
Heptachlor	4.891	4.793	4.993	48.080	50.000	-3.8
Heptachlor epoxide	5.648	5.552	5.752	52.150	50.000	4.3
Methoxychlor	7.451	7.352	7.552	48.420	50.000	-3.2
Tetrachloro-m-xylene	3.526	3.428	3.628	45.630	50.000	-8.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097469.D **Time Analyzed:** 10:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.750	5.950	48.060	50.000	-3.9
4,4'-DDE	5.295	5.197	5.397	46.430	50.000	-7.1
4,4'-DDT	6.100	6.002	6.202	41.890	50.000	-16.2
Aldrin	4.288	4.191	4.391	47.560	50.000	-4.9
alpha-BHC	3.327	3.229	3.429	48.060	50.000	-3.9
alpha-Chlordane	5.106	5.009	5.209	46.580	50.000	-6.8
beta-BHC	3.955	3.857	4.057	44.490	50.000	-11.0
Decachlorobiphenyl	7.982	7.884	8.084	40.080	50.000	-19.8
delta-BHC	4.187	4.090	4.290	46.420	50.000	-7.2
Dieldrin	5.424	5.328	5.528	48.470	50.000	-3.1
Endosulfan I	5.161	5.064	5.264	43.050	50.000	-13.9
Endosulfan II	5.992	5.895	6.095	47.060	50.000	-5.9
Endosulfan sulfate	6.394	6.296	6.496	46.440	50.000	-7.1
Endrin	5.701	5.603	5.803	54.780	50.000	9.6
Endrin aldehyde	6.170	6.073	6.273	46.110	50.000	-7.8
Endrin ketone	6.898	6.800	7.000	52.710	50.000	5.4
gamma-BHC (Lindane)	3.659	3.561	3.761	47.190	50.000	-5.6
gamma-Chlordane	5.042	4.945	5.145	44.960	50.000	-10.1
Heptachlor	4.006	3.909	4.109	45.790	50.000	-8.4
Heptachlor epoxide	4.790	4.693	4.893	48.310	50.000	-3.4
Methoxychlor	6.672	6.574	6.774	41.340	50.000	-17.3
Tetrachloro-m-xylene	2.822	2.724	2.924	42.810	50.000	-14.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 14:15 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 14:15 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097483.D **Time Analyzed:** 14:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.661	6.566	6.766	55.040	50.000	10.1
4,4'-DDE	6.154	6.056	6.256	51.600	50.000	3.2
4,4'-DDT	6.977	6.880	7.080	49.820	50.000	-0.4
Aldrin	5.229	5.132	5.332	48.150	50.000	-3.7
alpha-BHC	3.972	3.875	4.075	48.760	50.000	-2.5
alpha-Chlordane	5.982	5.886	6.086	49.200	50.000	-1.6
beta-BHC	4.488	4.390	4.590	48.120	50.000	-3.8
Decachlorobiphenyl	8.997	8.902	9.102	46.760	50.000	-6.5
delta-BHC	4.731	4.635	4.835	50.200	50.000	0.4
Dieldrin	6.303	6.206	6.406	50.610	50.000	1.2
Endosulfan I	6.029	5.934	6.134	49.200	50.000	-1.6
Endosulfan II	6.741	6.646	6.846	47.490	50.000	-5.0
Endosulfan sulfate	7.105	7.007	7.207	52.150	50.000	4.3
Endrin	6.528	6.432	6.632	49.640	50.000	-0.7
Endrin aldehyde	6.870	6.774	6.974	54.810	50.000	9.6
Endrin ketone	7.584	7.487	7.687	54.160	50.000	8.3
gamma-BHC (Lindane)	4.300	4.202	4.402	48.390	50.000	-3.2
gamma-Chlordane	5.902	5.806	6.006	49.640	50.000	-0.7
Heptachlor	4.891	4.793	4.993	46.590	50.000	-6.8
Heptachlor epoxide	5.647	5.552	5.752	50.220	50.000	0.4
Methoxychlor	7.449	7.352	7.552	47.170	50.000	-5.7
Tetrachloro-m-xylene	3.526	3.428	3.628	44.550	50.000	-10.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097483.D **Time Analyzed:** 14:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.750	5.950	48.610	50.000	-2.8
4,4'-DDE	5.295	5.197	5.397	46.240	50.000	-7.5
4,4'-DDT	6.099	6.002	6.202	41.600	50.000	-16.8
Aldrin	4.289	4.191	4.391	47.130	50.000	-5.7
alpha-BHC	3.328	3.229	3.429	47.710	50.000	-4.6
alpha-Chlordane	5.106	5.009	5.209	47.470	50.000	-5.1
beta-BHC	3.955	3.857	4.057	44.410	50.000	-11.2
Decachlorobiphenyl	7.981	7.884	8.084	40.920	50.000	-18.2
delta-BHC	4.188	4.090	4.290	46.200	50.000	-7.6
Dieldrin	5.424	5.328	5.528	48.070	50.000	-3.9
Endosulfan I	5.161	5.064	5.264	43.100	50.000	-13.8
Endosulfan II	5.992	5.895	6.095	47.140	50.000	-5.7
Endosulfan sulfate	6.393	6.296	6.496	47.010	50.000	-6.0
Endrin	5.701	5.603	5.803	54.990	50.000	10.0
Endrin aldehyde	6.170	6.073	6.273	46.140	50.000	-7.7
Endrin ketone	6.896	6.800	7.000	52.140	50.000	4.3
gamma-BHC (Lindane)	3.660	3.561	3.761	46.870	50.000	-6.3
gamma-Chlordane	5.041	4.945	5.145	45.380	50.000	-9.2
Heptachlor	4.007	3.909	4.109	45.440	50.000	-9.1
Heptachlor epoxide	4.791	4.693	4.893	47.300	50.000	-5.4
Methoxychlor	6.671	6.574	6.774	41.500	50.000	-17.0
Tetrachloro-m-xylene	2.824	2.724	2.924	42.270	50.000	-15.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 16:14 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 16:14 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097491.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.661	6.566	6.766	54.360	50.000	8.7
4,4'-DDE	6.154	6.056	6.256	50.790	50.000	1.6
4,4'-DDT	6.976	6.880	7.080	49.220	50.000	-1.6
Aldrin	5.230	5.132	5.332	47.470	50.000	-5.1
alpha-BHC	3.972	3.875	4.075	48.280	50.000	-3.4
alpha-Chlordane	5.982	5.886	6.086	47.850	50.000	-4.3
beta-BHC	4.488	4.390	4.590	47.360	50.000	-5.3
Decachlorobiphenyl	8.996	8.902	9.102	46.270	50.000	-7.5
delta-BHC	4.731	4.635	4.835	49.690	50.000	-0.6
Dieldrin	6.302	6.206	6.406	49.830	50.000	-0.3
Endosulfan I	6.030	5.934	6.134	50.060	50.000	0.1
Endosulfan II	6.741	6.646	6.846	46.840	50.000	-6.3
Endosulfan sulfate	7.105	7.007	7.207	51.640	50.000	3.3
Endrin	6.529	6.432	6.632	50.880	50.000	1.8
Endrin aldehyde	6.870	6.774	6.974	54.330	50.000	8.7
Endrin ketone	7.583	7.487	7.687	53.420	50.000	6.8
gamma-BHC (Lindane)	4.300	4.202	4.402	47.860	50.000	-4.3
gamma-Chlordane	5.901	5.806	6.006	48.850	50.000	-2.3
Heptachlor	4.891	4.793	4.993	45.860	50.000	-8.3
Heptachlor epoxide	5.648	5.552	5.752	50.160	50.000	0.3
Methoxychlor	7.449	7.352	7.552	46.640	50.000	-6.7
Tetrachloro-m-xylene	3.526	3.428	3.628	44.150	50.000	-11.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097491.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.750	5.950	47.860	50.000	-4.3
4,4'-DDE	5.295	5.197	5.397	45.680	50.000	-8.6
4,4'-DDT	6.099	6.002	6.202	40.830	50.000	-18.3
Aldrin	4.289	4.191	4.391	46.770	50.000	-6.5
alpha-BHC	3.328	3.229	3.429	47.460	50.000	-5.1
alpha-Chlordane	5.106	5.009	5.209	47.100	50.000	-5.8
beta-BHC	3.955	3.857	4.057	44.020	50.000	-12.0
Decachlorobiphenyl	7.981	7.884	8.084	40.360	50.000	-19.3
delta-BHC	4.188	4.090	4.290	45.800	50.000	-8.4
Dieldrin	5.424	5.328	5.528	46.970	50.000	-6.1
Endosulfan I	5.161	5.064	5.264	42.690	50.000	-14.6
Endosulfan II	5.992	5.895	6.095	46.420	50.000	-7.2
Endosulfan sulfate	6.393	6.296	6.496	46.360	50.000	-7.3
Endrin	5.701	5.603	5.803	54.390	50.000	8.8
Endrin aldehyde	6.170	6.073	6.273	45.540	50.000	-8.9
Endrin ketone	6.897	6.800	7.000	53.200	50.000	6.4
gamma-BHC (Lindane)	3.659	3.561	3.761	46.530	50.000	-6.9
gamma-Chlordane	5.042	4.945	5.145	46.550	50.000	-6.9
Heptachlor	4.007	3.909	4.109	45.040	50.000	-9.9
Heptachlor epoxide	4.790	4.693	4.893	46.970	50.000	-6.1
Methoxychlor	6.671	6.574	6.774	40.990	50.000	-18.0
Tetrachloro-m-xylene	2.823	2.724	2.924	42.030	50.000	-15.9

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No. (PEM): PEM - PL097269.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:39

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.000	8.900	9.100	15.660	20.000	-21.7
Tetrachloro-m-xylene	3.527	3.480	3.580	14.770	20.000	-26.2
alpha-BHC	3.974	3.920	4.020	6.930	10.000	-30.7
beta-BHC	4.489	4.440	4.540	7.340	10.000	-26.6
gamma-BHC (Lindane)	4.302	4.250	4.350	7.210	10.000	-27.9
Endrin	6.532	6.460	6.600	37.780	50.000	-24.4
4,4'-DDT	6.979	6.910	7.050	73.290	100.000	-26.7
Methoxychlor	7.452	7.380	7.520	180.320	250.000	-27.9

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

Client Sample No. (PEM): PEM - PL097269.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:39

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.984	7.880	8.080	15.470	20.000	-22.7
Tetrachloro-m-xylene	2.824	2.770	2.870	14.550	20.000	-27.3
alpha-BHC	3.329	3.280	3.380	6.890	10.000	-31.1
beta-BHC	3.957	3.910	4.010	7.490	10.000	-25.1
gamma-BHC (Lindane)	3.660	3.610	3.710	7.000	10.000	-30.0
Endrin	5.702	5.630	5.770	36.670	50.000	-26.7
4,4'-DDT	6.102	6.030	6.170	76.460	100.000	-23.5
Methoxychlor	6.674	6.600	6.740	166.760	250.000	-33.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

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

Client Sample No. (PEM): PEM - PL097468.D **Date Analyzed:** 10/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.997	8.900	9.100	20.340	20.000	1.7
Tetrachloro-m-xylene	3.525	3.470	3.580	18.080	20.000	-9.6
alpha-BHC	3.972	3.920	4.020	8.300	10.000	-17.0
beta-BHC	4.487	4.440	4.540	9.070	10.000	-9.3
gamma-BHC (Lindane)	4.300	4.250	4.350	8.550	10.000	-14.5
Endrin	6.529	6.460	6.600	45.140	50.000	-9.7
4,4'-DDT	6.976	6.910	7.050	77.440	100.000	-22.6
Methoxychlor	7.449	7.380	7.520	191.110	250.000	-23.6

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

Client Sample No. (PEM): PEM - PL097468.D **Date Analyzed:** 10/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.981	7.880	8.080	17.000	20.000	-15.0
Tetrachloro-m-xylene	2.822	2.770	2.870	16.820	20.000	-15.9
alpha-BHC	3.327	3.280	3.380	7.770	10.000	-22.3
beta-BHC	3.955	3.900	4.010	8.430	10.000	-15.7
gamma-BHC (Lindane)	3.659	3.610	3.710	7.840	10.000	-21.6
Endrin	5.700	5.630	5.770	42.000	50.000	-16.0
4,4'-DDT	6.099	6.030	6.170	70.940	100.000	-29.1
Methoxychlor	6.671	6.600	6.740	156.050	250.000	-37.6

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Analytical Sequence

Client: CDM Smith **SDG No.:** Q3257

Project: MWCO CJO WTP Edison 295110 **Instrument ID:** ECD_L

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 #
I.BLK	I.BLK	09/18/2025	16:25	PL097268.D	9.00	3.53
PEM	PEM	09/18/2025	16:39	PL097269.D	9.00	3.53
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	9.00	3.53
PSTDICC100	PSTDICC100	09/18/2025	17:06	PL097271.D	9.00	3.53
PSTDICC075	PSTDICC075	09/18/2025	17:19	PL097272.D	9.00	3.53
PSTDICC050	PSTDICC050	09/18/2025	17:33	PL097273.D	9.00	3.53
PSTDICC025	PSTDICC025	09/18/2025	17:47	PL097274.D	9.00	3.53
PSTDICC005	PSTDICC005	09/18/2025	18:00	PL097275.D	9.00	3.53
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	9.00	3.53
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	9.00	3.53
I.BLK	I.BLK	10/01/2025	09:31	PL097467.D	9.00	3.53
PEM	PEM	10/01/2025	09:45	PL097468.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	10:02	PL097469.D	9.00	3.53
PB169933BL	PB169933BL	10/01/2025	13:34	PL097480.D	9.00	3.53
PB169933BS	PB169933BS	10/01/2025	13:48	PL097481.D	9.00	3.53
I.BLK	I.BLK	10/01/2025	14:02	PL097482.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	14:15	PL097483.D	9.00	3.53
ENV1-6FT	Q3257-01	10/01/2025	15:06	PL097486.D	9.00	3.52
ENV2-6FT	Q3257-02	10/01/2025	15:20	PL097487.D	9.00	3.52
ENV2-6FTMS	Q3257-02MS	10/01/2025	15:33	PL097488.D	9.00	3.53
ENV2-6FTMSD	Q3257-02MSD	10/01/2025	15:47	PL097489.D	9.00	3.52
I.BLK	I.BLK	10/01/2025	16:00	PL097490.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	16:14	PL097491.D	9.00	3.53

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Analytical Sequence

Client: CDM Smith **SDG No.:** Q3257

Project: MWCO CJO WTP Edison 295110 **Instrument ID:** ECD_L

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 #
I.BLK	I.BLK	09/18/2025	16:25	PL097268.D	7.98	2.82
PEM	PEM	09/18/2025	16:39	PL097269.D	7.98	2.82
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	7.98	2.82
PSTDICC100	PSTDICC100	09/18/2025	17:06	PL097271.D	7.98	2.82
PSTDICC075	PSTDICC075	09/18/2025	17:19	PL097272.D	7.99	2.82
PSTDICC050	PSTDICC050	09/18/2025	17:33	PL097273.D	7.98	2.82
PSTDICC025	PSTDICC025	09/18/2025	17:47	PL097274.D	7.98	2.82
PSTDICC005	PSTDICC005	09/18/2025	18:00	PL097275.D	7.98	2.82
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	7.98	2.82
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	7.99	2.82
I.BLK	I.BLK	10/01/2025	09:31	PL097467.D	7.98	2.82
PEM	PEM	10/01/2025	09:45	PL097468.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	10:02	PL097469.D	7.98	2.82
PB169933BL	PB169933BL	10/01/2025	13:34	PL097480.D	7.98	2.82
PB169933BS	PB169933BS	10/01/2025	13:48	PL097481.D	7.98	2.82
I.BLK	I.BLK	10/01/2025	14:02	PL097482.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	14:15	PL097483.D	7.98	2.82
ENV1-6FT	Q3257-01	10/01/2025	15:06	PL097486.D	7.98	2.82
ENV2-6FT	Q3257-02	10/01/2025	15:20	PL097487.D	7.98	2.82
ENV2-6FTMS	Q3257-02MS	10/01/2025	15:33	PL097488.D	7.98	2.82
ENV2-6FTMSD	Q3257-02MSD	10/01/2025	15:47	PL097489.D	7.98	2.82
I.BLK	I.BLK	10/01/2025	16:00	PL097490.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	16:14	PL097491.D	7.98	2.82

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MS **Date(s) Analyzed:** 10/01/2025 10/01/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.74	6.69	6.79	13.4	3.8
	2	5.99	5.94	6.04	12.9	
4,4'-DDD	1	6.66	6.61	6.71	15.5	15.3
	2	5.85	5.80	5.90	13.3	
4,4'-DDT	1	6.98	6.93	7.03	11.8	13.6
	2	6.10	6.05	6.15	10.3	
Endrin aldehyde	1	6.87	6.82	6.92	14.0	23.1
	2	6.17	6.12	6.22	11.1	
Endosulfan sulfate	1	7.11	7.06	7.16	14.1	11.2
	2	6.39	6.34	6.44	12.6	
Methoxychlor	1	7.45	7.40	7.50	11.8	12.6
	2	6.67	6.62	6.72	10.4	
Endrin ketone	1	7.58	7.53	7.63	14.8	14.5
	2	6.90	6.85	6.95	12.8	
alpha-BHC	1	3.97	3.92	4.02	13.6	3.7
	2	3.33	3.28	3.38	13.1	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.4	3.8
	2	3.66	3.61	3.71	12.9	
Heptachlor	1	4.89	4.84	4.94	12.4	3.3
	2	4.01	3.96	4.06	12.0	
Aldrin	1	5.23	5.18	5.28	13.2	2.3
	2	4.29	4.24	4.34	12.9	
beta-BHC	1	4.49	4.44	4.54	13.8	7
	2	3.96	3.91	4.01	14.8	
delta-BHC	1	4.73	4.68	4.78	13.9	8.2
	2	4.19	4.14	4.24	12.8	
Heptachlor epoxide	1	5.65	5.60	5.70	14.2	8.1
	2	4.79	4.74	4.84	13.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MS **Date(s) Analyzed:** 10/01/2025 10/01/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.03	5.98	6.08	13.5	3.8
	2	5.16	5.11	5.21	13.0	
gamma-Chlordane	1	5.90	5.85	5.95	14.1	8.9
	2	5.04	4.99	5.09	12.9	
alpha-Chlordane	1	5.98	5.93	6.03	13.5	3
	2	5.11	5.06	5.16	13.1	
4,4'-DDE	1	6.15	6.10	6.20	14.3	9.5
	2	5.30	5.25	5.35	13.0	
Dieldrin	1	6.30	6.25	6.35	13.9	6.7
	2	5.43	5.38	5.48	13.0	
Endrin	1	6.53	6.48	6.58	13.1	5.5
	2	5.70	5.65	5.75	12.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MSD **Date(s) Analyzed:** 10/01/2025 10/01/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.66	6.61	6.71	15.7	15.1
	2	5.85	5.80	5.90	13.5	
4,4'-DDT	1	6.98	6.93	7.03	11.6	12.8
	2	6.10	6.05	6.15	10.2	
Aldrin	1	5.23	5.18	5.28	13.4	3
	2	4.29	4.24	4.34	13.0	
4,4'-DDE	1	6.15	6.10	6.20	14.5	10.1
	2	5.29	5.24	5.34	13.1	
Endosulfan II	1	6.74	6.69	6.79	13.6	4.5
	2	5.99	5.94	6.04	13.0	
Endrin aldehyde	1	6.87	6.82	6.92	13.2	22.8
	2	6.17	6.12	6.22	10.5	
Endosulfan sulfate	1	7.11	7.06	7.16	14.1	11.2
	2	6.39	6.34	6.44	12.6	
Methoxychlor	1	7.45	7.40	7.50	11.7	13.7
	2	6.67	6.62	6.72	10.2	
Endrin ketone	1	7.58	7.53	7.63	14.9	14.4
	2	6.90	6.85	6.95	12.9	
alpha-BHC	1	3.97	3.92	4.02	13.7	3.7
	2	3.33	3.28	3.38	13.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.4	3
	2	3.66	3.61	3.71	13.0	
Heptachlor	1	4.89	4.84	4.94	12.5	4.1
	2	4.01	3.96	4.06	12.0	
beta-BHC	1	4.49	4.44	4.54	13.9	6.3
	2	3.96	3.91	4.01	14.8	
delta-BHC	1	4.73	4.68	4.78	13.8	7.5
	2	4.19	4.14	4.24	12.8	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MSD **Date(s) Analyzed:** 10/01/2025 10/01/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Heptachlor epoxide	1	5.65	5.60	5.70	14.3	8
	2	4.79	4.74	4.84	13.2	
Endosulfan I	1	6.03	5.98	6.08	13.7	5.2
	2	5.16	5.11	5.21	13.0	
gamma-Chlordane	1	5.90	5.85	5.95	14.3	8.8
	2	5.04	4.99	5.09	13.1	
alpha-Chlordane	1	5.98	5.93	6.03	13.6	3
	2	5.11	5.06	5.16	13.2	
Dieldrin	1	6.30	6.25	6.35	14.0	6.6
	2	5.43	5.38	5.48	13.1	
Endrin	1	6.53	6.48	6.58	13.2	7.1
	2	5.70	5.65	5.75	12.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169933BS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: PB169933BS **Date(s) Analyzed:** 10/01/2025 10/01/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.66	6.61	6.71	17.0	13.8
	2	5.85	5.80	5.90	14.8	
4,4'-DDT	1	6.98	6.93	7.03	14.6	13.1
	2	6.10	6.05	6.15	12.8	
alpha-BHC	1	3.97	3.92	4.02	15.0	2
	2	3.33	3.28	3.38	14.7	
Aldrin	1	5.23	5.18	5.28	14.7	0.7
	2	4.29	4.24	4.34	14.6	
beta-BHC	1	4.49	4.44	4.54	15.0	7.6
	2	3.96	3.91	4.01	13.9	
alpha-Chlordane	1	5.98	5.93	6.03	15.3	6.1
	2	5.11	5.06	5.16	14.4	
4,4'-DDE	1	6.15	6.10	6.20	15.9	9.2
	2	5.29	5.24	5.34	14.5	
Endosulfan II	1	6.74	6.69	6.79	14.5	0.7
	2	5.99	5.94	6.04	14.4	
Endrin aldehyde	1	6.87	6.82	6.92	17.3	17.6
	2	6.17	6.12	6.22	14.5	
Endosulfan sulfate	1	7.11	7.06	7.16	16.1	9.8
	2	6.39	6.34	6.44	14.6	
Methoxychlor	1	7.45	7.40	7.50	14.5	12.5
	2	6.67	6.62	6.72	12.8	
Endrin ketone	1	7.58	7.53	7.63	16.7	3.7
	2	6.90	6.85	6.95	16.1	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	14.8	1.4
	2	3.66	3.61	3.71	14.6	
Heptachlor	1	4.89	4.84	4.94	14.4	1.4
	2	4.01	3.96	4.06	14.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169933BS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: PB169933BS **Date(s) Analyzed:** 10/01/2025 10/01/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
delta-BHC	1	4.73	4.68	4.78	15.6	7.3
	2	4.19	4.14	4.24	14.5	
Heptachlor epoxide	1	5.65	5.60	5.70	15.3	4
	2	4.79	4.74	4.84	14.7	
Endosulfan I	1	6.03	5.98	6.08	15.4	11
	2	5.16	5.11	5.21	13.8	
gamma-Chlordane	1	5.90	5.85	5.95	15.2	6.1
	2	5.04	4.99	5.09	14.3	
Dieldrin	1	6.30	6.25	6.35	15.3	2
	2	5.43	5.38	5.48	15.0	
Endrin	1	6.53	6.48	6.58	15.4	3.8
	2	5.70	5.65	5.75	16.0	