

LAB CHRONICLE

OrderID:	Q2458	OrderDate:	6/27/2025 4:22:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2458-01	TP-76	SOIL			06/26/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-02	TP-55	SOIL			06/26/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Diesel Range Organics	8015D		07/02/25	07/03/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-03	TP-68	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-04	TP-67	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-05	TP-66	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Diesel Range Organics	8015D		07/02/25	07/03/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	

LAB CHRONICLE

Q2458-06	TP-60	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Diesel Range Organics	8015D		07/02/25	07/03/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-07	TP-62	SOIL			06/27/25			06/27/25
			Gasoline Range Organics	8015D			07/01/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-08	TP-63	SOIL			06/27/25			06/27/25
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-09	TP-59	SOIL			06/27/25			06/27/25
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/02/25	
			Pesticide-TCL	8081B		07/01/25	07/01/25	
Q2458-10	FB-06272025	Water			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			07/01/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/03/25	07/03/25	

Hit Summary Sheet
SW-846

SDG No.: Q2458

Order ID: Q2458

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-76								
Q2458-01	TP-76	SOIL	Dieldrin	1.90	P	0.15	1.90	ug/kg
Q2458-01	TP-76	SOIL	Endrin	0.66	J	0.15	1.90	ug/kg
Q2458-01	TP-76	SOIL	4,4-DDT	1.20	JP	0.15	1.90	ug/kg
Total Concentration:				3.760				
Client ID : TP-67								
Q2458-04	TP-67	SOIL	4,4-DDE	0.34	JP	0.16	1.90	ug/kg
Q2458-04	TP-67	SOIL	alpha-Chlordane	0.48	JP	0.13	1.90	ug/kg
Q2458-04	TP-67	SOIL	gamma-Chlordane	0.29	J	0.17	1.90	ug/kg
Total Concentration:				1.110				
Client ID : TP-66								
Q2458-05	TP-66	SOIL	4,4-DDT	0.40	JP	0.16	1.90	ug/kg
Total Concentration:				0.400				
Client ID : TP-60								
Q2458-06	TP-60	SOIL	4,4-DDD	0.17	J	0.16	1.80	ug/kg
Q2458-06	TP-60	SOIL	4,4-DDT	0.36	JP	0.15	1.80	ug/kg
Q2458-06	TP-60	SOIL	alpha-Chlordane	0.90	JP	0.13	1.80	ug/kg
Q2458-06	TP-60	SOIL	gamma-Chlordane	0.46	J	0.16	1.80	ug/kg
Total Concentration:				1.890				
Client ID : TP-62								
Q2458-07	TP-62	SOIL	Heptachlor	0.17	J	0.13	1.90	ug/kg
Total Concentration:				0.170				
Client ID : TP-63								
Q2458-08	TP-63	SOIL	4,4-DDD	0.41	J	0.17	2.00	ug/kg
Q2458-08	TP-63	SOIL	4,4-DDT	0.44	JP	0.16	2.00	ug/kg
Q2458-08	TP-63	SOIL	alpha-Chlordane	0.58	J	0.14	2.00	ug/kg
Q2458-08	TP-63	SOIL	gamma-Chlordane	0.40	J	0.17	2.00	ug/kg
Total Concentration:				1.830				



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-76	SDG No.:	Q2458
Lab Sample ID:	Q2458-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089284.D	1	07/01/25 08:30	07/01/25 18:26	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	1.90	P	0.15	1.90	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.90	ug/kg
72-20-8	Endrin	0.66	J	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	1.20	JP	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.9		20 - 144	70%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.8		19 - 148	89%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/26/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	TP-76		SDG No.:	Q2458	
Lab Sample ID:	Q2458-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	90.6	Decanted:
Sample Wt/Vol:	30.04	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
PD089284.D	1	07/01/25 08:30	07/01/25 18:26	PB168672

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

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-55	SDG No.:	Q2458
Lab Sample ID:	Q2458-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089285.D	1	07/01/25 08:30	07/01/25 18:40	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.90	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.90	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.90	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	36.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.41		20 - 144	47%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.8		19 - 148	59%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/26/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	TP-55		SDG No.:	Q2458	
Lab Sample ID:	Q2458-02		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	91.4	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
PD089285.D	1	07/01/25 08:30	07/01/25 18:40	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-68	SDG No.:	Q2458
Lab Sample ID:	Q2458-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	92.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089286.D	1	07/01/25 08:30	07/01/25 18:53	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.80	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.80	ug/kg
319-86-8	delta-BHC	0.42	U	0.42	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.80	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.80	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.80	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.80	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	35.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.1		20 - 144	66%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		19 - 148	89%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-68	SDG No.:	Q2458
Lab Sample ID:	Q2458-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	92.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089286.D	1	07/01/25 08:30	07/01/25 18:53	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-67	SDG No.:	Q2458
Lab Sample ID:	Q2458-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089290.D	1	07/01/25 08:30	07/01/25 20:15	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
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959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.34	JP	0.16	1.90	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.48	JP	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.29	J	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.0		20 - 144	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		19 - 148	100%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/27/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	TP-67		SDG No.:	Q2458	
Lab Sample ID:	Q2458-04		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	89.7	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
PD089290.D	1	07/01/25 08:30	07/01/25 20:15	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-66	SDG No.:	Q2458
Lab Sample ID:	Q2458-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	88.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089293.D	1	07/01/25 08:30	07/01/25 20:57	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.44	U	0.44	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	1.90	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	1.90	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	1.90	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	1.90	ug/kg
50-29-3	4,4-DDT	0.40	JP	0.16	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.10	U	6.10	37.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.6		20 - 144	53%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		19 - 148	63%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/27/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	TP-66		SDG No.:	Q2458	
Lab Sample ID:	Q2458-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	88.3	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
PD089293.D	1	07/01/25 08:30	07/01/25 20:57	PB168672

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

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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:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-60	SDG No.:	Q2458
Lab Sample ID:	Q2458-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	92.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089294.D	1	07/01/25 08:30	07/01/25 21:10	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.42	U	0.42	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.80	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.80	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.80	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.80	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.17	J	0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	0.36	JP	0.15	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.90	JP	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.46	J	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	35.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.6		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.7		19 - 148	68%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-60	SDG No.:	Q2458
Lab Sample ID:	Q2458-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	92.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089294.D	1	07/01/25 08:30	07/01/25 21:10	PB168672

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

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-62	SDG No.:	Q2458
Lab Sample ID:	Q2458-07	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089295.D	1	07/01/25 08:30	07/01/25 21:24	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.17	J	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.90	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.90	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.90	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	36.2	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.5		20 - 144	62%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		19 - 148	88%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/27/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	TP-62		SDG No.:	Q2458	
Lab Sample ID:	Q2458-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	91.1	Decanted:
Sample Wt/Vol:	30.04	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
PD089295.D	1	07/01/25 08:30	07/01/25 21:24	PB168672

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

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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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:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-63	SDG No.:	Q2458
Lab Sample ID:	Q2458-08	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089296.D	1	07/01/25 08:30	07/01/25 21:37	PB168672

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	0.45	U	0.45	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	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	0.16	U	0.16	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-20-8	Endrin	0.16	U	0.16	2.00	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	2.00	ug/kg
72-54-8	4,4-DDD	0.41	J	0.17	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.44	JP	0.16	2.00	ug/kg
72-43-5	Methoxychlor	0.43	U	0.43	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.58	J	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.40	J	0.17	2.00	ug/kg
8001-35-2	Toxaphene	6.20	U	6.20	38.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.2		20 - 144	51%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.7		19 - 148	64%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/27/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	TP-63		SDG No.:	Q2458	
Lab Sample ID:	Q2458-08		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	86.4	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
PD089296.D	1	07/01/25 08:30	07/01/25 21:37	PB168672

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-59	SDG No.:	Q2458
Lab Sample ID:	Q2458-09	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	76.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089297.D	1	07/01/25 08:30	07/01/25 21:51	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.17	U	0.17	2.20	ug/kg
319-85-7	beta-BHC	0.23	U	0.23	2.20	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	2.20	ug/kg
58-89-9	gamma-BHC (Lindane)	0.18	U	0.18	2.20	ug/kg
76-44-8	Heptachlor	0.16	U	0.16	2.20	ug/kg
309-00-2	Aldrin	0.16	U	0.16	2.20	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	2.20	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	2.20	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.20	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	2.20	ug/kg
72-20-8	Endrin	0.18	U	0.18	2.20	ug/kg
33213-65-9	Endosulfan II	0.38	U	0.38	2.20	ug/kg
72-54-8	4,4-DDD	0.20	U	0.20	2.20	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.20	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	2.20	ug/kg
72-43-5	Methoxychlor	0.48	U	0.48	2.20	ug/kg
53494-70-5	Endrin ketone	0.25	U	0.25	2.20	ug/kg
7421-93-4	Endrin aldehyde	0.48	U	0.48	2.20	ug/kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	2.20	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	2.20	ug/kg
8001-35-2	Toxaphene	7.10	U	7.10	43.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.9		20 - 144	65%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		19 - 148	95%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/27/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	TP-59		SDG No.:	Q2458	
Lab Sample ID:	Q2458-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	76.6	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
PD089297.D	1	07/01/25 08:30	07/01/25 21:51	PB168672

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

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B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	FB-06272025	SDG No.:	Q2458
Lab Sample ID:	Q2458-10	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089332.D	1	07/03/25 08:58	07/03/25 14:40	PB168718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0040	U	0.0040	0.051	ug/L
319-85-7	beta-BHC	0.0050	U	0.0050	0.051	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.0038	U	0.0038	0.051	ug/L
76-44-8	Heptachlor	0.0028	U	0.0028	0.051	ug/L
309-00-2	Aldrin	0.0037	U	0.0037	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.0098	U	0.0098	0.051	ug/L
959-98-8	Endosulfan I	0.0032	U	0.0032	0.051	ug/L
60-57-1	Dieldrin	0.0037	U	0.0037	0.051	ug/L
72-55-9	4,4-DDE	0.0038	U	0.0038	0.051	ug/L
72-20-8	Endrin	0.0033	U	0.0033	0.051	ug/L
33213-65-9	Endosulfan II	0.0081	U	0.0081	0.051	ug/L
72-54-8	4,4-DDD	0.0072	U	0.0072	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.0038	U	0.0038	0.051	ug/L
50-29-3	4,4-DDT	0.0036	U	0.0036	0.051	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.051	ug/L
53494-70-5	Endrin ketone	0.0095	U	0.0095	0.051	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.051	ug/L
5103-71-9	alpha-Chlordane	0.0036	U	0.0036	0.051	ug/L
5103-74-2	gamma-Chlordane	0.0040	U	0.0040	0.051	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.7		57 - 171	69%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		61 - 148	105%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/27/25	
Project:	South River WM Replacement		Date Received:	06/27/25	
Client Sample ID:	FB-06272025		SDG No.:	Q2458	
Lab Sample ID:	Q2458-10		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	980	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
PD089332.D	1	07/03/25 08:58	07/03/25 14:40	PB168718

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



QC SUMMARY

Surrogate Summary

SDG No.: **Q2458**

Client: **CDM Smith**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD088990.D	PIBLK-PD088990.D	Decachlorobiphen	1	20	18.2	91		57	171
		Tetrachloro-m-xyl	1	20	16.1	80		61	148
		Decachlorobiphen	2	20	18.6	93		57	171
		Tetrachloro-m-xyl	2	20	17.7	88		61	148
I.BLK-PD089264.D	PIBLK-PD089264.D	Decachlorobiphen	1	20	22.9	115		57	171
		Tetrachloro-m-xyl	1	20	20.6	103		61	148
		Decachlorobiphen	2	20	23.3	117		57	171
		Tetrachloro-m-xyl	2	20	22.7	114		61	148
PB168672BL	PB168672BL	Decachlorobiphen	1	20	16.9	85		20	144
		Tetrachloro-m-xyl	1	20	16.9	84		19	148
		Decachlorobiphen	2	20	17.3	87		20	144
		Tetrachloro-m-xyl	2	20	20.0	100		19	148
PB168672BS	PB168672BS	Decachlorobiphen	1	20	20.6	103		20	144
		Tetrachloro-m-xyl	1	20	18.3	92		19	148
		Decachlorobiphen	2	20	19.5	98		20	144
		Tetrachloro-m-xyl	2	20	20.8	104		19	148
I.BLK-PD089276.D	PIBLK-PD089276.D	Decachlorobiphen	1	20	23.0	115		57	171
		Tetrachloro-m-xyl	1	20	20.9	105		61	148
		Decachlorobiphen	2	20	22.4	112		57	171
		Tetrachloro-m-xyl	2	20	23.2	116		61	148
Q2458-01	TP-76	Decachlorobiphen	1	20	13.9	70		20	144
		Tetrachloro-m-xyl	1	20	16.5	83		19	148
		Decachlorobiphen	2	20	13.1	66		20	144
		Tetrachloro-m-xyl	2	20	17.8	89		19	148
Q2458-02	TP-55	Decachlorobiphen	1	20	9.41	47		20	144
		Tetrachloro-m-xyl	1	20	11.0	55		19	148
		Decachlorobiphen	2	20	7.45	37		20	144
		Tetrachloro-m-xyl	2	20	11.8	59		19	148
Q2458-03	TP-68	Decachlorobiphen	1	20	13.1	66		20	144
		Tetrachloro-m-xyl	1	20	16.2	81		19	148
		Decachlorobiphen	2	20	10.9	55		20	144
		Tetrachloro-m-xyl	2	20	17.9	89		19	148
I.BLK-PD089287.D	PIBLK-PD089287.D	Decachlorobiphen	1	20	22.1	110		57	171
		Tetrachloro-m-xyl	1	20	21.0	105		61	148
		Decachlorobiphen	2	20	20.1	100		57	171
		Tetrachloro-m-xyl	2	20	23.4	117		61	148
Q2458-04	TP-67	Decachlorobiphen	1	20	14.9	75		20	144
		Tetrachloro-m-xyl	1	20	19.1	95		19	148
		Decachlorobiphen	2	20	15.0	75		20	144
		Tetrachloro-m-xyl	2	20	20.0	100		19	148
Q2458-04MS	TP-67MS	Decachlorobiphen	1	20	16.3	82		20	144

Surrogate Summary

SDG No.: **Q2458**

Client: **CDM Smith**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q2458-04MS	TP-67MS	Tetrachloro-m-xyl	1	20	19.5	98		19	148
		Decachlorobiphen	2	20	16.5	82		20	144
Q2458-04MSD	TP-67MSD	Tetrachloro-m-xyl	2	20	21.3	107		19	148
		Decachlorobiphen	1	20	16.2	81		20	144
		Tetrachloro-m-xyl	1	20	19.7	98		19	148
		Decachlorobiphen	2	20	16.6	83		20	144
		Tetrachloro-m-xyl	2	20	21.6	108		19	148
		Decachlorobiphen	1	20	10.6	53		20	144
Q2458-05	TP-66	Tetrachloro-m-xyl	1	20	11.6	58		19	148
		Decachlorobiphen	2	20	10.4	52		20	144
		Tetrachloro-m-xyl	2	20	12.6	63		19	148
		Decachlorobiphen	1	20	11.6	58		20	144
Q2458-06	TP-60	Tetrachloro-m-xyl	1	20	12.4	62		19	148
		Decachlorobiphen	2	20	7.43	37		20	144
		Tetrachloro-m-xyl	2	20	13.7	68		19	148
		Decachlorobiphen	1	20	12.5	62		20	144
Q2458-07	TP-62	Tetrachloro-m-xyl	1	20	15.8	79		19	148
		Decachlorobiphen	2	20	10.5	52		20	144
		Tetrachloro-m-xyl	2	20	17.6	88		19	148
		Decachlorobiphen	1	20	10.2	51		20	144
Q2458-08	TP-63	Tetrachloro-m-xyl	1	20	11.6	58		19	148
		Decachlorobiphen	2	20	7.67	38		20	144
		Tetrachloro-m-xyl	2	20	12.7	64		19	148
		Decachlorobiphen	1	20	12.9	65		20	144
		Tetrachloro-m-xyl	1	20	17.6	88		19	148
		Decachlorobiphen	2	20	11.4	57		20	144
Q2458-09	TP-59	Tetrachloro-m-xyl	2	20	19.0	95		19	148
		Decachlorobiphen	1	20	21.1	106		57	171
		Tetrachloro-m-xyl	1	20	21.6	108		61	148
		Decachlorobiphen	2	20	18.2	91		57	171
I.BLK-PD089298.D	PIBLK-PD089298.D	Tetrachloro-m-xyl	2	20	24.2	121		61	148
		Decachlorobiphen	1	20	19.1	96		57	171
		Tetrachloro-m-xyl	1	20	19.5	97		61	148
		Decachlorobiphen	2	20	18.0	90		57	171
I.BLK-PD089326.D	PIBLK-PD089326.D	Tetrachloro-m-xyl	2	20	21.9	109		61	148
		Decachlorobiphen	1	20	18.8	94		57	171
		Tetrachloro-m-xyl	1	20	18.2	91		61	148
		Decachlorobiphen	2	20	19.0	95		57	171
PB168718BL	PB168718BL	Tetrachloro-m-xyl	2	20	20.4	102		61	148
		Decachlorobiphen	1	20	18.6	93		57	171
		Tetrachloro-m-xyl	1	20	17.7	89		61	148
		Decachlorobiphen	2	20	19.0	95		57	171
PB168718BS	PB168718BS	Tetrachloro-m-xyl	1	20	18.8	94		57	171
		Decachlorobiphen	2	20	19.0	95		57	171

Surrogate Summary

SDG No.: Q2458

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
PB168718BS	PB168718BS	Decachlorobiphen	2	20	18.9	95		57	171
		Tetrachloro-m-xyl	2	20	20.7	103		61	148
PB168718BSD	PB168718BSD	Decachlorobiphen	1	20	18.4	92		57	171
		Tetrachloro-m-xyl	1	20	17.6	88		61	148
		Decachlorobiphen	2	20	19.0	95		57	171
		Tetrachloro-m-xyl	2	20	20.7	104		61	148
Q2458-10	FB-06272025	Decachlorobiphen	1	20	13.2	66		57	171
		Tetrachloro-m-xyl	1	20	18.5	93		61	148
		Decachlorobiphen	2	20	13.7	69		57	171
		Tetrachloro-m-xyl	2	20	21.0	105		61	148
I.BLK-PD089337.D	PIBLK-PD089337.D	Decachlorobiphen	1	20	19.0	95		57	171
		Tetrachloro-m-xyl	1	20	19.8	99		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	22.4	112		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD089291.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
			Result								High		
Lab Sample ID:	Q2458-04MS (Column 1)	Client Sample ID:		TP-67MS									
	alpha-BHC	18.56	0	17.7	ug/kg	95				60	144		
	beta-BHC	18.56	0	17.3	ug/kg	93				54	143		
	delta-BHC	18.56	0	17.9	ug/kg	96				29	151		
	gamma-BHC (Lindane)	18.56	0	17.5	ug/kg	94				61	140		
	Heptachlor	18.56	0	16.5	ug/kg	89				63	135		
	Aldrin	18.56	0	18.0	ug/kg	97				49	139		
	Heptachlor epoxide	18.56	0	17.6	ug/kg	95				41	156		
	Endosulfan I	18.56	0	17.8	ug/kg	96				56	142		
	Dieldrin	18.56	0	17.6	ug/kg	95				47	161		
	4,4'-DDE	18.56	0.21	18.0	ug/kg	95				55	136		
	Endrin	18.56	0	16.6	ug/kg	89				57	139		
	Endosulfan II	18.56	0	17.1	ug/kg	92				40	163		
	4,4'-DDD	18.56	0	18.4	ug/kg	99				47	163		
	Endosulfan sulfate	18.56	0	16.4	ug/kg	88				62	139		
	4,4'-DDT	18.56	0	14.0	ug/kg	75				51	146		
	Methoxychlor	18.56	0	13.4	ug/kg	72				54	136		
	Endrin ketone	18.56	0	17.2	ug/kg	93				60	129		
	Endrin aldehyde	18.56	0	16.8	ug/kg	91				59	132		
	alpha-Chlordane	18.56	0.48	18.0	ug/kg	94				39	166		
	gamma-Chlordane	18.56	0.29	18.2	ug/kg	97				44	175		
Lab Sample ID:	Q2458-04MS (Column 2)	Client Sample ID:		TP-67MS									
	alpha-BHC	18.56	0	17.7	ug/kg	95				60	144		
	beta-BHC	18.56	0	17.6	ug/kg	95				54	143		
	delta-BHC	18.56	0	16.9	ug/kg	91				29	151		
	gamma-BHC (Lindane)	18.56	0	17.5	ug/kg	94				61	140		
	Heptachlor	18.56	0	16.3	ug/kg	88				63	135		
	Aldrin	18.56	0	17.9	ug/kg	96				49	139		
	Heptachlor epoxide	18.56	0	18.2	ug/kg	98				41	156		
	Endosulfan I	18.56	0	17.6	ug/kg	95				56	142		
	Dieldrin	18.56	0	17.7	ug/kg	95				47	161		
	4,4'-DDE	18.56	0.34	17.9	ug/kg	96				55	136		
	Endrin	18.56	0	16.9	ug/kg	91				57	139		
	Endosulfan II	18.56	0	17.2	ug/kg	93				40	163		
	4,4'-DDD	18.56	0	17.0	ug/kg	92				47	163		
	Endosulfan sulfate	18.56	0	16.1	ug/kg	87				62	139		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD089291.D</u>

Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits	RPD
		Result	Result			Qual	RPD	Qual	Low	High
4,4'-DDT	18.56	0	14.2	ug/kg	77				51	146
Methoxychlor	18.56	0	13.3	ug/kg	72				54	136
Endrin ketone	18.56	0	16.3	ug/kg	88				60	129
Endrin aldehyde	18.56	0	16.6	ug/kg	89				59	132
alpha-Chlordane	18.56	0.29	17.9	ug/kg	96				39	166
gamma-Chlordane	18.56	0.23	18.3	ug/kg	99				44	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD089292.D</u>

	Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD		Limits		RPD
			Result				Qual	RPD	Qual	Low	High	
Lab Sample ID:	Q2458-04MSD	Client Sample ID:		TP-67MSD								
	(Column 1)											
	alpha-BHC	18.54	0	18.2	ug/kg	98		3		60	144	20
	beta-BHC	18.54	0	17.4	ug/kg	94		1		54	143	20
	delta-BHC	18.54	0	19.0	ug/kg	102		6		29	151	20
	gamma-BHC (Lindane)	18.54	0	18.2	ug/kg	98		4		61	140	20
	Heptachlor	18.54	0	16.9	ug/kg	91		2		63	135	20
	Aldrin	18.54	0	18.2	ug/kg	98		1		49	139	20
	Heptachlor epoxide	18.54	0	17.7	ug/kg	95		0		41	156	20
	Endosulfan I	18.54	0	17.9	ug/kg	97		1		56	142	20
	Dieldrin	18.54	0	17.8	ug/kg	96		1		47	161	20
	4,4'-DDE	18.54	0.21	18.0	ug/kg	95		0		55	136	20
	Endrin	18.54	0	16.9	ug/kg	91		2		57	139	20
	Endosulfan II	18.54	0	17.3	ug/kg	93		1		40	163	20
	4,4'-DDD	18.54	0	19.0	ug/kg	102		3		47	163	20
	Endosulfan sulfate	18.54	0	17.1	ug/kg	92		4		62	139	20
	4,4'-DDT	18.54	0	14.7	ug/kg	79		5		51	146	20
	Methoxychlor	18.54	0	13.8	ug/kg	74		3		54	136	20
	Endrin ketone	18.54	0	17.7	ug/kg	95		2		60	129	20
	Endrin aldehyde	18.54	0	17.3	ug/kg	93		2		59	132	20
	alpha-Chlordane	18.54	0.48	18.2	ug/kg	96		2		39	166	20
	gamma-Chlordane	18.54	0.29	18.2	ug/kg	98		1		44	175	20
Lab Sample ID:	Q2458-04MSD	Client Sample ID:		TP-67MSD								
	(Column 2)											
	alpha-BHC	18.54	0	18.1	ug/kg	98		3		60	144	20
	beta-BHC	18.54	0	17.9	ug/kg	97		2		54	143	20
	delta-BHC	18.54	0	17.8	ug/kg	96		5		29	151	20
	gamma-BHC (Lindane)	18.54	0	18.0	ug/kg	97		3		61	140	20
	Heptachlor	18.54	0	16.8	ug/kg	91		3		63	135	20
	Aldrin	18.54	0	18.1	ug/kg	98		2		49	139	20
	Heptachlor epoxide	18.54	0	18.3	ug/kg	99		1		41	156	20
	Endosulfan I	18.54	0	17.9	ug/kg	97		2		56	142	20
	Dieldrin	18.54	0	17.9	ug/kg	97		2		47	161	20
	4,4'-DDE	18.54	0.34	17.9	ug/kg	97		1		55	136	20
	Endrin	18.54	0	17.2	ug/kg	93		2		57	139	20
	Endosulfan II	18.54	0	17.4	ug/kg	94		1		40	163	20
	4,4'-DDD	18.54	0	17.4	ug/kg	94		2		47	163	20
	Endosulfan sulfate	18.54	0	16.9	ug/kg	91		4		62	139	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD089292.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	18.54	0	15.0	ug/kg	81		5		51	146	20
Methoxychlor	18.54	0	14.2	ug/kg	77		7		54	136	20
Endrin ketone	18.54	0	17.0	ug/kg	92		4		60	129	20
Endrin aldehyde	18.54	0	17.2	ug/kg	93		4		59	132	20
alpha-Chlordane	18.54	0.29	18.0	ug/kg	97		1		39	166	20
gamma-Chlordane	18.54	0.23	18.4	ug/kg	99		0		44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q2458	Analytical Method:	8081B
Client:	CDM Smith	Datafile :	PD089275.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168672BS (Column 1)	alpha-BHC	16.65	18.7	ug/kg	112				84	123	
	beta-BHC	16.65	17.7	ug/kg	106				82	123	
	delta-BHC	16.65	19.2	ug/kg	115				83	126	
	gamma-BHC (Lindane)	16.65	18.6	ug/kg	112				83	125	
	Heptachlor	16.65	18.2	ug/kg	109				83	122	
	Aldrin	16.65	18.7	ug/kg	112				82	124	
	Heptachlor epoxide	16.65	18.0	ug/kg	108				83	120	
	Endosulfan I	16.65	18.3	ug/kg	110				81	124	
	Dieldrin	16.65	18.4	ug/kg	111				85	121	
	4,4'-DDE	16.65	18.4	ug/kg	111				81	123	
	Endrin	16.65	16.5	ug/kg	99				76	130	
	Endosulfan II	16.65	17.9	ug/kg	108				80	125	
	4,4'-DDD	16.65	18.7	ug/kg	112				80	131	
	Endosulfan sulfate	16.65	17.7	ug/kg	106				81	122	
	4,4'-DDT	16.65	16.3	ug/kg	98				70	129	
	Methoxychlor	16.65	16.3	ug/kg	98				60	119	
	Endrin ketone	16.65	18.3	ug/kg	110				77	132	
	Endrin aldehyde	16.65	17.8	ug/kg	107				79	124	
	alpha-Chlordane	16.65	18.1	ug/kg	109				84	120	
	gamma-Chlordane	16.65	18.5	ug/kg	111				83	122	
	alpha-BHC	16.65	18.6	ug/kg	112				84	123	
PB168672BS (Column 2)	beta-BHC	16.65	18.0	ug/kg	108				82	123	
	delta-BHC	16.65	18.3	ug/kg	110				83	126	
	gamma-BHC (Lindane)	16.65	18.4	ug/kg	111				83	125	
	Heptachlor	16.65	17.6	ug/kg	106				83	122	
	Aldrin	16.65	18.4	ug/kg	111				82	124	
	Heptachlor epoxide	16.65	19.3	ug/kg	116				83	120	
	Endosulfan I	16.65	18.4	ug/kg	111				81	124	
	Dieldrin	16.65	18.0	ug/kg	108				85	121	
	4,4'-DDE	16.65	17.9	ug/kg	108				81	123	
	Endrin	16.65	16.5	ug/kg	99				76	130	
	Endosulfan II	16.65	17.8	ug/kg	107				80	125	
	4,4'-DDD	16.65	17.9	ug/kg	108				80	131	
	Endosulfan sulfate	16.65	17.6	ug/kg	106				81	122	
	4,4'-DDT	16.65	15.9	ug/kg	95				70	129	
	Methoxychlor	16.65	16.6	ug/kg	100				60	119	
	Endrin ketone	16.65	17.8	ug/kg	107				77	132	
	Endrin aldehyde	16.65	17.6	ug/kg	106				79	124	
	alpha-Chlordane	16.65	18.2	ug/kg	109				84	120	
	gamma-Chlordane	16.65	17.9	ug/kg	108				83	122	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PD089330.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB168718BS (Column 1)	alpha-BHC	0.5	0.56	ug/L	111				85	130		
	beta-BHC	0.5	0.53	ug/L	106				83	126		
	delta-BHC	0.5	0.59	ug/L	117				69	141		
	gamma-BHC (Lindane)	0.5	0.55	ug/L	110				82	129		
	Heptachlor	0.5	0.54	ug/L	107				79	127		
	Aldrin	0.5	0.56	ug/L	113				79	126		
	Heptachlor epoxide	0.5	0.55	ug/L	110				81	124		
	Endosulfan I	0.5	0.56	ug/L	112				85	122		
	Dieldrin	0.5	0.57	ug/L	113				83	125		
	4,4'-DDE	0.5	0.56	ug/L	112				80	127		
	Endrin	0.5	0.49	ug/L	98				81	128		
	Endosulfan II	0.5	0.57	ug/L	113				82	123		
	4,4'-DDD	0.5	0.59	ug/L	118				77	131		
	Endosulfan sulfate	0.5	0.55	ug/L	110				76	129		
	4,4'-DDT	0.5	0.48	ug/L	96				80	133		
	Methoxychlor	0.5	0.42	ug/L	83				78	108		
	Endrin ketone	0.5	0.56	ug/L	111				80	131		
	Endrin aldehyde	0.5	0.56	ug/L	112				82	127		
	alpha-Chlordane	0.5	0.56	ug/L	111				82	125		
	gamma-Chlordane	0.5	0.57	ug/L	114				82	125		
	alpha-BHC	0.5	0.56	ug/L	112				85	130		
PB168718BS (Column 2)	beta-BHC	0.5	0.54	ug/L	109				83	126		
	delta-BHC	0.5	0.55	ug/L	110				69	141		
	gamma-BHC (Lindane)	0.5	0.56	ug/L	111				82	129		
	Heptachlor	0.5	0.52	ug/L	105				79	127		
	Aldrin	0.5	0.56	ug/L	111				79	126		
	Heptachlor epoxide	0.5	0.55	ug/L	111				81	124		
	Endosulfan I	0.5	0.55	ug/L	111				85	122		
	Dieldrin	0.5	0.55	ug/L	110				83	125		
	4,4'-DDE	0.5	0.55	ug/L	110				80	127		
	Endrin	0.5	0.48	ug/L	95				81	128		
	Endosulfan II	0.5	0.55	ug/L	110				82	123		
	4,4'-DDD	0.5	0.56	ug/L	112				77	131		
	Endosulfan sulfate	0.5	0.55	ug/L	109				76	129		
	4,4'-DDT	0.5	0.47	ug/L	95				80	133		
	Methoxychlor	0.5	0.44	ug/L	88				78	108		
	Endrin ketone	0.5	0.55	ug/L	110				80	131		
	Endrin aldehyde	0.5	0.55	ug/L	110				82	127		
	alpha-Chlordane	0.5	0.55	ug/L	109				82	125		
	gamma-Chlordane	0.5	0.55	ug/L	109				82	125		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2458

Analytical Method: 8081B

Client: CDM Smith

Datafile : PD089331.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168718BSD (Column 1)	alpha-BHC	0.5	0.55	ug/L	110	1			85	130	20
	beta-BHC	0.5	0.52	ug/L	104	2			83	126	20
	delta-BHC	0.5	0.57	ug/L	114	3			69	141	20
	gamma-BHC (Lindane)	0.5	0.55	ug/L	109	1			82	129	20
	Heptachlor	0.5	0.53	ug/L	106	1			79	127	20
	Aldrin	0.5	0.56	ug/L	111	2			79	126	20
	Heptachlor epoxide	0.5	0.54	ug/L	109	1			81	124	20
	Endosulfan I	0.5	0.55	ug/L	110	2			85	122	20
	Dieldrin	0.5	0.56	ug/L	112	1			83	125	20
	4,4'-DDE	0.5	0.55	ug/L	110	2			80	127	20
	Endrin	0.5	0.48	ug/L	97	1			81	128	20
	Endosulfan II	0.5	0.56	ug/L	112	1			82	123	20
	4,4'-DDD	0.5	0.58	ug/L	117	1			77	131	20
	Endosulfan sulfate	0.5	0.55	ug/L	109	1			76	129	20
	4,4'-DDT	0.5	0.47	ug/L	95	1			80	133	20
	Methoxychlor	0.5	0.42	ug/L	83	0			78	108	20
	Endrin ketone	0.5	0.55	ug/L	110	1			80	131	20
	Endrin aldehyde	0.5	0.55	ug/L	111	1			82	127	20
	alpha-Chlordane	0.5	0.55	ug/L	110	1			82	125	20
	gamma-Chlordane	0.5	0.56	ug/L	113	1			82	125	20
	alpha-BHC	0.5	0.56	ug/L	111	1			85	130	20
PB168718BSD (Column 2)	beta-BHC	0.5	0.54	ug/L	108	1			83	126	20
	delta-BHC	0.5	0.55	ug/L	110	0			69	141	20
	gamma-BHC (Lindane)	0.5	0.55	ug/L	111	0			82	129	20
	Heptachlor	0.5	0.52	ug/L	104	1			79	127	20
	Aldrin	0.5	0.55	ug/L	111	0			79	126	20
	Heptachlor epoxide	0.5	0.55	ug/L	111	0			81	124	20
	Endosulfan I	0.5	0.55	ug/L	110	1			85	122	20
	Dieldrin	0.5	0.55	ug/L	110	0			83	125	20
	4,4'-DDE	0.5	0.55	ug/L	109	1			80	127	20
	Endrin	0.5	0.48	ug/L	96	1			81	128	20
	Endosulfan II	0.5	0.54	ug/L	109	1			82	123	20
	4,4'-DDD	0.5	0.56	ug/L	112	0			77	131	20
	Endosulfan sulfate	0.5	0.55	ug/L	109	0			76	129	20
	4,4'-DDT	0.5	0.47	ug/L	94	1			80	133	20
	Methoxychlor	0.5	0.44	ug/L	88	0			78	108	20
	Endrin ketone	0.5	0.55	ug/L	111	1			80	131	20
	Endrin aldehyde	0.5	0.55	ug/L	110	0			82	127	20
	alpha-Chlordane	0.5	0.54	ug/L	108	1			82	125	20
	gamma-Chlordane	0.5	0.55	ug/L	109	0			82	125	20

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168672BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168672BL

Lab File ID: PD089270.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/01/2025

Date Analyzed (1): 07/01/2025

Date Analyzed (2): 07/01/2025

Time Analyzed (1): 14:33

Time Analyzed (2): 14:33

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
PB168672BS	PB168672BS	PD089275.D	07/01/2025	07/01/2025
TP-76	Q2458-01	PD089284.D	07/01/2025	07/01/2025
TP-55	Q2458-02	PD089285.D	07/01/2025	07/01/2025
TP-68	Q2458-03	PD089286.D	07/01/2025	07/01/2025
TP-67	Q2458-04	PD089290.D	07/01/2025	07/01/2025
TP-67MS	Q2458-04MS	PD089291.D	07/01/2025	07/01/2025
TP-67MSD	Q2458-04MSD	PD089292.D	07/01/2025	07/01/2025
TP-66	Q2458-05	PD089293.D	07/01/2025	07/01/2025
TP-60	Q2458-06	PD089294.D	07/01/2025	07/01/2025
TP-62	Q2458-07	PD089295.D	07/01/2025	07/01/2025
TP-63	Q2458-08	PD089296.D	07/01/2025	07/01/2025
TP-59	Q2458-09	PD089297.D	07/01/2025	07/01/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168718BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168718BL

Lab File ID: PD089329.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/03/2025

Date Analyzed (1): 07/03/2025

Date Analyzed (2): 07/03/2025

Time Analyzed (1): 13:55

Time Analyzed (2): 13:55

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
PB168718BS	PB168718BS	PD089330.D	07/03/2025	07/03/2025
PB168718BSD	PB168718BSD	PD089331.D	07/03/2025	07/03/2025
FB-06272025	Q2458-10	PD089332.D	07/03/2025	07/03/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168672BL	SDG No.:	Q2458
Lab Sample ID:	PB168672BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089270.D	1	07/01/25 08:30	07/01/25 14:33	PB168672

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	17.3		20 - 144	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		19 - 148	100%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168672BL		SDG No.:	Q2458	
Lab Sample ID:	PB168672BL		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	100	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
PD089270.D	1	07/01/25 08:30	07/01/25 14:33	PB168672

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:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168718BL	SDG No.:	Q2458
Lab Sample ID:	PB168718BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089329.D	1	07/03/25 08:58	07/03/25 13:55	PB168718

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	19.0		57 - 171	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		61 - 148	102%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168718BL		SDG No.:	Q2458	
Lab Sample ID:	PB168718BL		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
PD089329.D	1	07/03/25 08:58	07/03/25 13:55	PB168718

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

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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:	CDM Smith	Date Collected:	06/17/25
Project:	South River WM Replacement	Date Received:	06/17/25
Client Sample ID:	PIBLK-PD088990.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD088990.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088990.D	1		06/17/25	PD061825

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	18.6		57 - 171	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		61 - 148	88%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	06/17/25	
Project:	South River WM Replacement		Date Received:	06/17/25	
Client Sample ID:	PIBLK-PD088990.D		SDG No.:	Q2458	
Lab Sample ID:	I.BLK-PD088990.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
PD088990.D	1		06/17/25	PD061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PD089264.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD089264.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089264.D	1		07/01/25	pd070225

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	23.3		57 - 171	117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		61 - 148	114%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	07/01/25	
Project:	South River WM Replacement		Date Received:	07/01/25	
Client Sample ID:	PIBLK-PD089264.D		SDG No.:	Q2458	
Lab Sample ID:	I.BLK-PD089264.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
PD089264.D	1		07/01/25	pd070225

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:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PD089276.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD089276.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089276.D	1		07/01/25	pd070225

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	23.0		57 - 171	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.2		61 - 148	116%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	07/01/25	
Project:	South River WM Replacement		Date Received:	07/01/25	
Client Sample ID:	PIBLK-PD089276.D		SDG No.:	Q2458	
Lab Sample ID:	I.BLK-PD089276.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
PD089276.D	1		07/01/25	pd070225

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

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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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

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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:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PD089287.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD089287.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089287.D	1		07/01/25	pd070225

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	22.1		57 - 171	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.4		61 - 148	117%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PD089287.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD089287.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089287.D	1		07/01/25	pd070225

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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PD089298.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD089298.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089298.D	1		07/01/25	pd070225

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	21.1		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.2		61 - 148	121%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	07/01/25	
Project:	South River WM Replacement		Date Received:	07/01/25	
Client Sample ID:	PIBLK-PD089298.D		SDG No.:	Q2458	
Lab Sample ID:	I.BLK-PD089298.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
PD089298.D	1		07/01/25	pd070225

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

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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

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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:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	PIBLK-PD089326.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD089326.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089326.D	1		07/03/25	pd070425

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	19.1		57 - 171	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		61 - 148	109%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	07/03/25	
Project:	South River WM Replacement		Date Received:	07/03/25	
Client Sample ID:	PIBLK-PD089326.D		SDG No.:	Q2458	
Lab Sample ID:	I.BLK-PD089326.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
PD089326.D	1		07/03/25	pd070425

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

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P = Indicates >25% difference for detected concentrations between the two GC columns

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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:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	PIBLK-PD089337.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PD089337.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089337.D	1		07/03/25	pd070425

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	19.1		57 - 171	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.4		61 - 148	112%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	07/03/25	
Project:	South River WM Replacement		Date Received:	07/03/25	
Client Sample ID:	PIBLK-PD089337.D		SDG No.:	Q2458	
Lab Sample ID:	I.BLK-PD089337.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
PD089337.D	1		07/03/25	pd070425

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:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168672BS	SDG No.:	Q2458
Lab Sample ID:	PB168672BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089275.D	1	07/01/25 08:30	07/01/25 16:23	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.7		0.13	1.70	ug/kg
319-85-7	beta-BHC	18.0		0.18	1.70	ug/kg
319-86-8	delta-BHC	19.2		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	18.6		0.14	1.70	ug/kg
76-44-8	Heptachlor	18.2		0.12	1.70	ug/kg
309-00-2	Aldrin	18.7		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	19.3		0.19	1.70	ug/kg
959-98-8	Endosulfan I	18.4		0.14	1.70	ug/kg
60-57-1	Dieldrin	18.4		0.14	1.70	ug/kg
72-55-9	4,4-DDE	18.4		0.14	1.70	ug/kg
72-20-8	Endrin	16.5		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	17.9		0.29	1.70	ug/kg
72-54-8	4,4-DDD	18.7		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	17.7		0.13	1.70	ug/kg
50-29-3	4,4-DDT	16.3		0.14	1.70	ug/kg
72-43-5	Methoxychlor	16.6		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	18.3		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.8		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	18.2		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	18.5		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		20 - 144	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		19 - 148	104%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168672BS		SDG No.:	Q2458	
Lab Sample ID:	PB168672BS		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
PD089275.D	1	07/01/25 08:30	07/01/25 16:23	PB168672

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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168718BS		SDG No.:	Q2458	
Lab Sample ID:	PB168718BS		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
PD089330.D	1	07/03/25 08:58	07/03/25 14:09	PB168718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.56		0.0039	0.050	ug/L
319-85-7	beta-BHC	0.54		0.0049	0.050	ug/L
319-86-8	delta-BHC	0.59		0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.56		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.54		0.0027	0.050	ug/L
309-00-2	Aldrin	0.56		0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.55		0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.56		0.0031	0.050	ug/L
60-57-1	Dieldrin	0.57		0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.56		0.0037	0.050	ug/L
72-20-8	Endrin	0.49		0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.57		0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.59		0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.55		0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.48		0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.44		0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.56		0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.56		0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.56		0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.57		0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.9		57 - 171	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		61 - 148	103%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168718BS		SDG No.:	Q2458	
Lab Sample ID:	PB168718BS		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
PD089330.D	1	07/03/25 08:58	07/03/25 14:09	PB168718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168718BSD	SDG No.:	Q2458
Lab Sample ID:	PB168718BSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089331.D	1	07/03/25 08:58	07/03/25 14:27	PB168718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.56		0.0039	0.050	ug/L
319-85-7	beta-BHC	0.54		0.0049	0.050	ug/L
319-86-8	delta-BHC	0.57		0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.55		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.53		0.0027	0.050	ug/L
309-00-2	Aldrin	0.56		0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.55		0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.55		0.0031	0.050	ug/L
60-57-1	Dieldrin	0.56		0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.55		0.0037	0.050	ug/L
72-20-8	Endrin	0.48		0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.56		0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.58		0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.55		0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.47		0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.44		0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.55		0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.55		0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.55		0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.56		0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.0		57 - 171	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		61 - 148	104%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168718BSD		SDG No.:	Q2458	
Lab Sample ID:	PB168718BSD		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
PD089331.D	1	07/03/25 08:58	07/03/25 14:27	PB168718

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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-67MS	SDG No.:	Q2458
Lab Sample ID:	Q2458-04MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089291.D	1	07/01/25 08:30	07/01/25 20:29	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	17.7		0.14	1.90	ug/kg
319-85-7	beta-BHC	17.6		0.20	1.90	ug/kg
319-86-8	delta-BHC	17.9		0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	17.5		0.16	1.90	ug/kg
76-44-8	Heptachlor	16.5		0.13	1.90	ug/kg
309-00-2	Aldrin	18.0		0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	18.2		0.21	1.90	ug/kg
959-98-8	Endosulfan I	17.8		0.16	1.90	ug/kg
60-57-1	Dieldrin	17.7		0.16	1.90	ug/kg
72-55-9	4,4-DDE	18.0		0.16	1.90	ug/kg
72-20-8	Endrin	16.9		0.16	1.90	ug/kg
33213-65-9	Endosulfan II	17.2		0.32	1.90	ug/kg
72-54-8	4,4-DDD	18.4		0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	16.4		0.14	1.90	ug/kg
50-29-3	4,4-DDT	14.2		0.16	1.90	ug/kg
72-43-5	Methoxychlor	13.4		0.41	1.90	ug/kg
53494-70-5	Endrin ketone	17.2		0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	16.8		0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	18.0		0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	18.3		0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.5		20 - 144	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		19 - 148	107%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-67MS	SDG No.:	Q2458
Lab Sample ID:	Q2458-04MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089291.D	1	07/01/25 08:30	07/01/25 20:29	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-67MSD	SDG No.:	Q2458
Lab Sample ID:	Q2458-04MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089292.D	1	07/01/25 08:30	07/01/25 20:43	PB168672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.2		0.14	1.90	ug/kg
319-85-7	beta-BHC	17.9		0.20	1.90	ug/kg
319-86-8	delta-BHC	19.0		0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	18.2		0.16	1.90	ug/kg
76-44-8	Heptachlor	16.9		0.13	1.90	ug/kg
309-00-2	Aldrin	18.2		0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	18.3		0.21	1.90	ug/kg
959-98-8	Endosulfan I	17.9		0.16	1.90	ug/kg
60-57-1	Dieldrin	17.9		0.16	1.90	ug/kg
72-55-9	4,4-DDE	18.0		0.16	1.90	ug/kg
72-20-8	Endrin	17.2		0.16	1.90	ug/kg
33213-65-9	Endosulfan II	17.4		0.32	1.90	ug/kg
72-54-8	4,4-DDD	19.0		0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	17.1		0.14	1.90	ug/kg
50-29-3	4,4-DDT	15.0		0.16	1.90	ug/kg
72-43-5	Methoxychlor	14.2		0.41	1.90	ug/kg
53494-70-5	Endrin ketone	17.7		0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	17.3		0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	18.2		0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	18.4		0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		20 - 144	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		19 - 148	108%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-67MSD	SDG No.:	Q2458
Lab Sample ID:	Q2458-04MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089292.D	1	07/01/25 08:30	07/01/25 20:43	PB168672

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

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CALIBRATION SUMMARY

A
B
C
D
E
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G
H

Contract: **CAMP02**

SDG NO.: Q2458

Calibration Date(s): **06/17/2025** **06/17/2025**

Calibration Times: 15:52 16:47

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

LAB FILE ID:		RT 100 =	<u>PD088993.D</u>	RT 075 =	<u>PD088994.D</u>
RT 050 =	PD088995.D	RT 025 =	PD088996.D	RT 005 =	PD088997.D

[illegible]

A
B
C
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E
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H

Contract: **CAMP02**

SDG NO.: Q2458

Calibration Date(s): **06/17/2025** **06/17/2025**

Calibration Times: 15:52 16:47

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

LAB FILE ID:		RT 100 =	<u>PD088993.D</u>	RT 075 =	<u>PD088994.D</u>
RT 050 =	PD088995.D	RT 025 =	PD088996.D	RT 005 =	PD088997.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2458

Calibration Date(s): 06/17/2025 06/17/2025
Calibration Times: 15:52 16:47

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

LAB FILE ID:		CF 100 =	<u>PD088993.D</u>	CF 075 =	<u>PD088994.D</u>		
CF 050 =		<u>PD088995.D</u>	CF 025 =	<u>PD088996.D</u>	CF 005 =	<u>PD088997.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3557450000	3439230000	3414120000	3228670000	3520780000	3432050000	4
4,4'-DDE	4564130000	4401240000	4312380000	4092310000	4435110000	4361030000	4
4,4'-DDT	3928430000	3802000000	3763430000	3580670000	3866490000	3788210000	3
Aldrin	5504150000	5312640000	5254800000	4989300000	5504000000	5312980000	4
alpha-BHC	6295370000	6031790000	5874750000	5417910000	5525530000	5829070000	6
alpha-Chlordane	4885060000	4758900000	4734630000	4584390000	5229700000	4838540000	5
beta-BHC	2136750000	2100860000	2137680000	2144670000	2515730000	2207140000	8
Decachlorobiphenyl	3598890000	3628150000	3773200000	3897960000	4739940000	3927630000	12
delta-BHC	5546280000	5292010000	5182350000	4751190000	4892690000	5132900000	6
Dieldrin	4933650000	4797080000	4750270000	4527510000	4978810000	4797470000	4
Endosulfan I	4511200000	4405770000	4412600000	4289200000	4918470000	4507450000	5
Endosulfan II	3829260000	3982180000	4002080000	3816490000	4553000000	4036600000	7
Endosulfan sulfate	3786900000	3718160000	3741600000	3667440000	4271990000	3837220000	6
Endrin	4238140000	4109540000	4096430000	3878120000	4305700000	4125590000	4
Endrin aldehyde	2964260000	2935670000	2964230000	2966830000	3488720000	3063940000	8
Endrin ketone	4050100000	3970810000	4004900000	3895960000	4443590000	4073070000	5
gamma-BHC (Lindane)	5900830000	5686510000	5566590000	5221690000	5532800000	5581680000	4
gamma-Chlordane	4869330000	4801300000	4716110000	4508810000	5045020000	4788110000	4
Heptachlor	5621840000	5429540000	5358570000	5116310000	5733550000	5451960000	4
Heptachlor epoxide	4794850000	4673610000	4749650000	4554690000	5346870000	4823940000	6
Methoxychlor	1926110000	1918890000	1971480000	1982080000	2304580000	2020630000	8
Tetrachloro-m-xylene	2812300000	2762040000	2767280000	2751820000	3172230000	2853130000	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2458

Calibration Date(s): 06/17/2025 06/17/2025
Calibration Times: 15:52 16:47

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

LAB FILE ID:		CF 100 =	<u>PD088993.D</u>	CF 075 =	<u>PD088994.D</u>		
CF 050 =		<u>PD088995.D</u>	CF 025 =	<u>PD088996.D</u>	CF 005 =	<u>PD088997.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	17754100000	17899700000	18191100000	18805800000	22996200000	19129400000	11
4,4'-DDE	21343500000	21440200000	21823600000	22564100000	27409000000	22916100000	11
4,4'-DDT	19391000000	19327800000	19594100000	20005200000	23078500000	20279300000	8
Aldrin	22719200000	22747700000	23159400000	23852800000	28607200000	24217300000	10
alpha-BHC	25649000000	25438700000	25849200000	26153100000	30895500000	26797100000	9
alpha-Chlordane	21191300000	21145300000	21570900000	22517200000	28059300000	22896800000	13
beta-BHC	9903630000	9918550000	10198200000	10624100000	13086800000	10746200000	12
Decachlorobiphenyl	17946500000	17939700000	18428600000	19427500000	25107500000	19770000000	15
delta-BHC	23614400000	23533700000	23918700000	24298300000	29003000000	24873600000	9
Dieldrin	21438700000	21622000000	22120600000	22941800000	27919200000	23208500000	12
Endosulfan I	19170300000	19201000000	19315500000	20752900000	25772600000	20842500000	14
Endosulfan II	18473200000	18573800000	19087100000	20002300000	24846800000	20196600000	13
Endosulfan sulfate	17925600000	18043500000	18492500000	19409200000	24234500000	19621100000	13
Endrin	20535400000	19906600000	20644700000	21276500000	26206500000	21713900000	12
Endrin aldehyde	13773600000	13920200000	14379400000	15195500000	19287900000	15311300000	15
Endrin ketone	19587400000	19824900000	20446500000	21535300000	26614600000	21601700000	13
gamma-BHC (Lindane)	23622800000	23442000000	23749900000	24221500000	28748400000	24756900000	9
gamma-Chlordane	22229100000	22022500000	22519500000	23493700000	29348800000	23922700000	13
Heptachlor	23291600000	23365200000	23922200000	24716000000	29896800000	25038400000	11
Heptachlor epoxide	20080600000	20251900000	20827300000	21695300000	26635200000	21898100000	12
Methoxychlor	9712450000	9897880000	10259100000	10830900000	13140100000	10768100000	13
Tetrachloro-m-xylene	15879800000	15866400000	15978000000	16730900000	20310700000	16953200000	11

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2458 SAS No.: Q2458 SDG NO.: Q2458

Instrument ID: ECD_D Date(s) Analyzed: 06/17/2025 06/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.24	6.14	6.34	33601800
		2	6.44	6.34	6.54	47528600
		3	7.15	7.05	7.25	87292700
		4	7.56	7.46	7.66	111357000
		5	7.93	7.83	8.03	63112600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2458 SAS No.: Q2458 SDG NO.: Q2458

Instrument ID: ECD_D Date(s) Analyzed: 06/17/2025 06/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.47	5.37	5.57	158160000
		2	5.65	5.55	5.75	108820000
		3	6.76	6.66	6.86	511856000
		4	7.20	7.10	7.30	350145000
		5	7.33	7.23	7.43	253920000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 13:35

Initial Calibration Time(s): 15:52

16:47

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	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
alpha-BHC	4.01	4.00	3.90	4.10	-0.01
beta-BHC	4.52	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endosulfan I	6.08	6.08	5.98	6.18	0.00
Dieldrin	6.36	6.35	6.25	6.45	-0.01
4,4'-DDE	6.21	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.72	6.71	6.61	6.81	-0.01
Endosulfan sulfate	7.16	7.15	7.05	7.25	-0.01
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	7.64	7.63	7.53	7.73	-0.01
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.04	6.03	5.93	6.13	-0.01
gamma-Chlordane	5.96	5.95	5.85	6.05	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 13:35

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.19	6.18	6.08	6.28	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.13	5.13	5.03	5.23	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089266.D **Time Analyzed:** 13:35

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.715	6.605	6.805	51.660	50.000	3.3
4,4'-DDE	6.205	6.096	6.296	48.860	50.000	-2.3
4,4'-DDT	7.030	6.921	7.121	43.340	50.000	-13.3
Aldrin	5.280	5.171	5.371	51.140	50.000	2.3
alpha-BHC	4.008	3.899	4.099	52.120	50.000	4.2
alpha-Chlordane	6.036	5.927	6.127	49.710	50.000	-0.6
beta-BHC	4.524	4.415	4.615	48.950	50.000	-2.1
Decachlorobiphenyl	9.084	8.972	9.172	48.780	50.000	-2.4
delta-BHC	4.772	4.664	4.864	53.570	50.000	7.1
Dieldrin	6.356	6.247	6.447	50.140	50.000	0.3
Endosulfan I	6.083	5.975	6.175	49.940	50.000	-0.1
Endosulfan II	6.795	6.686	6.886	48.920	50.000	-2.2
Endosulfan sulfate	7.158	7.049	7.249	48.220	50.000	-3.6
Endrin	6.583	6.475	6.675	46.610	50.000	-6.8
Endrin aldehyde	6.923	6.815	7.015	47.590	50.000	-4.8
Endrin ketone	7.639	7.530	7.730	48.720	50.000	-2.6
gamma-BHC (Lindane)	4.339	4.230	4.430	50.900	50.000	1.8
gamma-Chlordane	5.955	5.846	6.046	50.610	50.000	1.2
Heptachlor	4.938	4.829	5.029	49.650	50.000	-0.7
Heptachlor epoxide	5.700	5.591	5.791	49.160	50.000	-1.7
Methoxychlor	7.502	7.393	7.593	49.560	50.000	-0.9
Tetrachloro-m-xylene	3.558	3.450	3.650	51.440	50.000	2.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025
Client Sample No.: CCAL01 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089266.D **Time Analyzed:** 13:35

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.931	5.830	6.030	47.120	50.000	-5.8
4,4'-DDE	5.376	5.275	5.475	48.960	50.000	-2.1
4,4'-DDT	6.185	6.084	6.284	42.950	50.000	-14.1
Aldrin	4.370	4.269	4.469	49.490	50.000	-1.0
alpha-BHC	3.393	3.293	3.493	50.180	50.000	0.4
alpha-Chlordane	5.192	5.091	5.291	50.230	50.000	0.5
beta-BHC	4.026	3.926	4.126	47.780	50.000	-4.4
Decachlorobiphenyl	8.074	7.972	8.172	48.360	50.000	-3.3
delta-BHC	4.263	4.162	4.362	48.900	50.000	-2.2
Dieldrin	5.512	5.413	5.613	48.830	50.000	-2.3
Endosulfan I	5.248	5.147	5.347	50.360	50.000	0.7
Endosulfan II	6.082	5.981	6.181	48.700	50.000	-2.6
Endosulfan sulfate	6.484	6.383	6.583	48.060	50.000	-3.9
Endrin	5.791	5.689	5.889	47.960	50.000	-4.1
Endrin aldehyde	6.260	6.159	6.359	47.200	50.000	-5.6
Endrin ketone	6.993	6.892	7.092	48.850	50.000	-2.3
gamma-BHC (Lindane)	3.728	3.630	3.830	49.670	50.000	-0.7
gamma-Chlordane	5.125	5.026	5.226	48.580	50.000	-2.8
Heptachlor	4.083	3.983	4.183	47.120	50.000	-5.8
Heptachlor epoxide	4.872	4.773	4.973	49.620	50.000	-0.8
Methoxychlor	6.756	6.655	6.855	49.370	50.000	-1.3
Tetrachloro-m-xylene	2.880	2.780	2.980	51.270	50.000	2.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:50

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	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	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.76	4.66	4.86	0.00
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	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.57	6.58	6.48	6.68	0.01
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:50

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.01
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.76	6.66	6.86	0.01
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.12	5.13	5.03	5.23	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089277.D **Time Analyzed:** 16:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.706	6.605	6.805	51.810	50.000	3.6
4,4'-DDE	6.196	6.096	6.296	49.240	50.000	-1.5
4,4'-DDT	7.021	6.921	7.121	44.170	50.000	-11.7
Aldrin	5.272	5.171	5.371	51.690	50.000	3.4
alpha-BHC	4.000	3.899	4.099	52.270	50.000	4.5
alpha-Chlordane	6.028	5.927	6.127	50.240	50.000	0.5
beta-BHC	4.516	4.415	4.615	49.900	50.000	-0.2
Decachlorobiphenyl	9.073	8.972	9.172	48.690	50.000	-2.6
delta-BHC	4.765	4.664	4.864	53.990	50.000	8.0
Dieldrin	6.348	6.247	6.447	50.190	50.000	0.4
Endosulfan I	6.075	5.975	6.175	50.580	50.000	1.2
Endosulfan II	6.787	6.686	6.886	49.450	50.000	-1.1
Endosulfan sulfate	7.150	7.049	7.249	48.310	50.000	-3.4
Endrin	6.574	6.475	6.675	47.220	50.000	-5.6
Endrin aldehyde	6.916	6.815	7.015	48.350	50.000	-3.3
Endrin ketone	7.630	7.530	7.730	49.130	50.000	-1.7
gamma-BHC (Lindane)	4.331	4.230	4.430	51.800	50.000	3.6
gamma-Chlordane	5.947	5.846	6.046	50.960	50.000	1.9
Heptachlor	4.930	4.829	5.029	50.200	50.000	0.4
Heptachlor epoxide	5.691	5.591	5.791	49.950	50.000	-0.1
Methoxychlor	7.493	7.393	7.593	50.180	50.000	0.4
Tetrachloro-m-xylene	3.550	3.450	3.650	51.880	50.000	3.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089277.D **Time Analyzed:** 16:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.930	5.830	6.030	48.050	50.000	-3.9
4,4'-DDE	5.375	5.275	5.475	50.250	50.000	0.5
4,4'-DDT	6.183	6.084	6.284	44.120	50.000	-11.8
Aldrin	4.369	4.269	4.469	51.130	50.000	2.3
alpha-BHC	3.394	3.293	3.493	51.500	50.000	3.0
alpha-Chlordane	5.189	5.091	5.291	49.750	50.000	-0.5
beta-BHC	4.026	3.926	4.126	49.490	50.000	-1.0
Decachlorobiphenyl	8.072	7.972	8.172	47.700	50.000	-4.6
delta-BHC	4.263	4.162	4.362	50.640	50.000	1.3
Dieldrin	5.511	5.413	5.613	50.100	50.000	0.2
Endosulfan I	5.245	5.147	5.347	49.820	50.000	-0.4
Endosulfan II	6.080	5.981	6.181	49.230	50.000	-1.5
Endosulfan sulfate	6.482	6.383	6.583	48.600	50.000	-2.8
Endrin	5.789	5.689	5.889	50.440	50.000	0.9
Endrin aldehyde	6.258	6.159	6.359	47.730	50.000	-4.5
Endrin ketone	6.991	6.892	7.092	49.210	50.000	-1.6
gamma-BHC (Lindane)	3.728	3.630	3.830	51.080	50.000	2.2
gamma-Chlordane	5.124	5.026	5.226	49.420	50.000	-1.2
Heptachlor	4.083	3.983	4.183	49.000	50.000	-2.0
Heptachlor epoxide	4.871	4.773	4.973	50.730	50.000	1.5
Methoxychlor	6.754	6.655	6.855	51.030	50.000	2.1
Tetrachloro-m-xylene	2.881	2.780	2.980	53.140	50.000	6.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 19:34

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	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	4.52	4.42	4.62	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	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	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.01
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.01
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 19:34

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.76	6.66	6.86	0.01
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.12	5.13	5.03	5.23	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089289.D **Time Analyzed:** 19:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.705	6.605	6.805	50.410	50.000	0.8
4,4'-DDE	6.196	6.096	6.296	48.040	50.000	-3.9
4,4'-DDT	7.021	6.921	7.121	42.110	50.000	-15.8
Aldrin	5.271	5.171	5.371	50.960	50.000	1.9
alpha-BHC	3.999	3.899	4.099	51.940	50.000	3.9
alpha-Chlordane	6.027	5.927	6.127	49.270	50.000	-1.5
beta-BHC	4.516	4.415	4.615	49.360	50.000	-1.3
Decachlorobiphenyl	9.072	8.972	9.172	46.970	50.000	-6.1
delta-BHC	4.764	4.664	4.864	53.460	50.000	6.9
Dieldrin	6.347	6.247	6.447	49.220	50.000	-1.6
Endosulfan I	6.075	5.975	6.175	49.550	50.000	-0.9
Endosulfan II	6.786	6.686	6.886	47.770	50.000	-4.5
Endosulfan sulfate	7.149	7.049	7.249	46.540	50.000	-6.9
Endrin	6.575	6.475	6.675	46.290	50.000	-7.4
Endrin aldehyde	6.915	6.815	7.015	47.210	50.000	-5.6
Endrin ketone	7.630	7.530	7.730	47.690	50.000	-4.6
gamma-BHC (Lindane)	4.331	4.230	4.430	51.280	50.000	2.6
gamma-Chlordane	5.946	5.846	6.046	49.990	50.000	0.0
Heptachlor	4.930	4.829	5.029	49.310	50.000	-1.4
Heptachlor epoxide	5.692	5.591	5.791	48.920	50.000	-2.2
Methoxychlor	7.493	7.393	7.593	48.080	50.000	-3.8
Tetrachloro-m-xylene	3.550	3.450	3.650	51.730	50.000	3.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089289.D **Time Analyzed:** 19:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.930	5.830	6.030	46.490	50.000	-7.0
4,4'-DDE	5.375	5.275	5.475	48.790	50.000	-2.4
4,4'-DDT	6.183	6.084	6.284	41.790	50.000	-16.4
Aldrin	4.369	4.269	4.469	49.870	50.000	-0.3
alpha-BHC	3.393	3.293	3.493	50.900	50.000	1.8
alpha-Chlordane	5.190	5.091	5.291	50.080	50.000	0.2
beta-BHC	4.026	3.926	4.126	48.780	50.000	-2.4
Decachlorobiphenyl	8.072	7.972	8.172	44.010	50.000	-12.0
delta-BHC	4.262	4.162	4.362	49.450	50.000	-1.1
Dieldrin	5.511	5.413	5.613	48.580	50.000	-2.8
Endosulfan I	5.247	5.147	5.347	50.020	50.000	0.0
Endosulfan II	6.080	5.981	6.181	47.250	50.000	-5.5
Endosulfan sulfate	6.482	6.383	6.583	46.320	50.000	-7.4
Endrin	5.789	5.689	5.889	48.800	50.000	-2.4
Endrin aldehyde	6.259	6.159	6.359	45.640	50.000	-8.7
Endrin ketone	6.991	6.892	7.092	46.530	50.000	-6.9
gamma-BHC (Lindane)	3.730	3.630	3.830	49.230	50.000	-1.5
gamma-Chlordane	5.124	5.026	5.226	48.400	50.000	-3.2
Heptachlor	4.083	3.983	4.183	47.790	50.000	-4.4
Heptachlor epoxide	4.871	4.773	4.973	49.490	50.000	-1.0
Methoxychlor	6.753	6.655	6.855	48.100	50.000	-3.8
Tetrachloro-m-xylene	2.881	2.780	2.980	52.340	50.000	4.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 22:59

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	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	4.52	4.42	4.62	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	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	6.07	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.57	6.58	6.48	6.68	0.01
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.01
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 22:59

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.76	6.66	6.86	0.01
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.13	5.13	5.03	5.23	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089299.D **Time Analyzed:** 22:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.705	6.605	6.805	49.240	50.000	-1.5
4,4'-DDE	6.196	6.096	6.296	47.280	50.000	-5.4
4,4'-DDT	7.021	6.921	7.121	40.210	50.000	-19.6
Aldrin	5.271	5.171	5.371	50.470	50.000	0.9
alpha-BHC	4.000	3.899	4.099	51.690	50.000	3.4
alpha-Chlordane	6.027	5.927	6.127	48.830	50.000	-2.3
beta-BHC	4.516	4.415	4.615	49.400	50.000	-1.2
Decachlorobiphenyl	9.073	8.972	9.172	45.290	50.000	-9.4
delta-BHC	4.764	4.664	4.864	53.160	50.000	6.3
Dieldrin	6.347	6.247	6.447	48.690	50.000	-2.6
Endosulfan I	6.074	5.975	6.175	48.840	50.000	-2.3
Endosulfan II	6.786	6.686	6.886	46.800	50.000	-6.4
Endosulfan sulfate	7.150	7.049	7.249	45.830	50.000	-8.3
Endrin	6.574	6.475	6.675	44.690	50.000	-10.6
Endrin aldehyde	6.915	6.815	7.015	45.270	50.000	-9.5
Endrin ketone	7.630	7.530	7.730	46.190	50.000	-7.6
gamma-BHC (Lindane)	4.330	4.230	4.430	51.150	50.000	2.3
gamma-Chlordane	5.946	5.846	6.046	49.870	50.000	-0.3
Heptachlor	4.930	4.829	5.029	48.000	50.000	-4.0
Heptachlor epoxide	5.690	5.591	5.791	48.490	50.000	-3.0
Methoxychlor	7.493	7.393	7.593	45.780	50.000	-8.4
Tetrachloro-m-xylene	3.550	3.450	3.650	51.450	50.000	2.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089299.D **Time Analyzed:** 22:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.929	5.830	6.030	48.080	50.000	-3.8
4,4'-DDE	5.375	5.275	5.475	48.280	50.000	-3.4
4,4'-DDT	6.182	6.084	6.284	40.910	50.000	-18.2
Aldrin	4.368	4.269	4.469	50.130	50.000	0.3
alpha-BHC	3.393	3.293	3.493	50.710	50.000	1.4
alpha-Chlordane	5.189	5.091	5.291	48.800	50.000	-2.4
beta-BHC	4.025	3.926	4.126	48.630	50.000	-2.7
Decachlorobiphenyl	8.071	7.972	8.172	41.860	50.000	-16.3
delta-BHC	4.262	4.162	4.362	49.480	50.000	-1.0
Dieldrin	5.511	5.413	5.613	48.470	50.000	-3.1
Endosulfan I	5.246	5.147	5.347	48.840	50.000	-2.3
Endosulfan II	6.080	5.981	6.181	47.030	50.000	-5.9
Endosulfan sulfate	6.481	6.383	6.583	45.240	50.000	-9.5
Endrin	5.789	5.689	5.889	48.700	50.000	-2.6
Endrin aldehyde	6.258	6.159	6.359	45.360	50.000	-9.3
Endrin ketone	6.990	6.892	7.092	45.230	50.000	-9.5
gamma-BHC (Lindane)	3.729	3.630	3.830	48.650	50.000	-2.7
gamma-Chlordane	5.125	5.026	5.226	49.370	50.000	-1.3
Heptachlor	4.082	3.983	4.183	47.260	50.000	-5.5
Heptachlor epoxide	4.872	4.773	4.973	51.730	50.000	3.5
Methoxychlor	6.753	6.655	6.855	46.030	50.000	-7.9
Tetrachloro-m-xylene	2.881	2.780	2.980	52.440	50.000	4.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 09:46

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	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	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.76	4.66	4.86	0.00
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	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.57	6.58	6.48	6.68	0.01
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.01
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 09:46

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.38	5.28	5.48	0.01
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.76	6.66	6.86	0.01
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.12	5.13	5.03	5.23	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/03/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089328.D **Time Analyzed:** 09:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.705	6.605	6.805	54.350	50.000	8.7
4,4'-DDE	6.196	6.096	6.296	51.990	50.000	4.0
4,4'-DDT	7.021	6.921	7.121	43.940	50.000	-12.1
Aldrin	5.271	5.171	5.371	55.520	50.000	11.0
alpha-BHC	4.000	3.899	4.099	56.340	50.000	12.7
alpha-Chlordane	6.027	5.927	6.127	54.210	50.000	8.4
beta-BHC	4.516	4.415	4.615	53.430	50.000	6.9
Decachlorobiphenyl	9.073	8.972	9.172	46.920	50.000	-6.2
delta-BHC	4.765	4.664	4.864	58.070	50.000	16.1
Dieldrin	6.347	6.247	6.447	54.110	50.000	8.2
Endosulfan I	6.075	5.975	6.175	54.180	50.000	8.4
Endosulfan II	6.786	6.686	6.886	51.490	50.000	3.0
Endosulfan sulfate	7.150	7.049	7.249	49.420	50.000	-1.2
Endrin	6.574	6.475	6.675	49.350	50.000	-1.3
Endrin aldehyde	6.915	6.815	7.015	49.610	50.000	-0.8
Endrin ketone	7.630	7.530	7.730	49.570	50.000	-0.9
gamma-BHC (Lindane)	4.331	4.230	4.430	55.920	50.000	11.8
gamma-Chlordane	5.946	5.846	6.046	55.190	50.000	10.4
Heptachlor	4.930	4.829	5.029	52.740	50.000	5.5
Heptachlor epoxide	5.691	5.591	5.791	53.220	50.000	6.4
Methoxychlor	7.493	7.393	7.593	49.780	50.000	-0.4
Tetrachloro-m-xylene	3.550	3.450	3.650	55.630	50.000	11.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/03/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089328.D **Time Analyzed:** 09:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.929	5.830	6.030	52.750	50.000	5.5
4,4'-DDE	5.374	5.275	5.475	52.830	50.000	5.7
4,4'-DDT	6.183	6.084	6.284	44.690	50.000	-10.6
Aldrin	4.368	4.269	4.469	54.130	50.000	8.3
alpha-BHC	3.393	3.293	3.493	55.810	50.000	11.6
alpha-Chlordane	5.189	5.091	5.291	53.210	50.000	6.4
beta-BHC	4.025	3.926	4.126	51.100	50.000	2.2
Decachlorobiphenyl	8.072	7.972	8.172	44.450	50.000	-11.1
delta-BHC	4.261	4.162	4.362	53.310	50.000	6.6
Dieldrin	5.511	5.413	5.613	53.310	50.000	6.6
Endosulfan I	5.246	5.147	5.347	53.080	50.000	6.2
Endosulfan II	6.080	5.981	6.181	51.600	50.000	3.2
Endosulfan sulfate	6.482	6.383	6.583	49.050	50.000	-1.9
Endrin	5.789	5.689	5.889	54.650	50.000	9.3
Endrin aldehyde	6.258	6.159	6.359	49.950	50.000	-0.1
Endrin ketone	6.990	6.892	7.092	48.890	50.000	-2.2
gamma-BHC (Lindane)	3.728	3.630	3.830	54.280	50.000	8.6
gamma-Chlordane	5.123	5.026	5.226	52.410	50.000	4.8
Heptachlor	4.082	3.983	4.183	50.420	50.000	0.8
Heptachlor epoxide	4.872	4.773	4.973	56.110	50.000	12.2
Methoxychlor	6.754	6.655	6.855	49.550	50.000	-0.9
Tetrachloro-m-xylene	2.881	2.780	2.980	57.330	50.000	14.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:02

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	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	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.76	4.66	4.86	0.00
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	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.01
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:02

Initial Calibration Time(s): 15:52

16:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.76	6.66	6.86	0.01
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.13	5.13	5.03	5.23	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/03/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089338.D **Time Analyzed:** 16:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.706	6.605	6.805	54.570	50.000	9.1
4,4'-DDE	6.196	6.096	6.296	50.560	50.000	1.1
4,4'-DDT	7.022	6.921	7.121	44.490	50.000	-11.0
Aldrin	5.271	5.171	5.371	54.740	50.000	9.5
alpha-BHC	4.000	3.899	4.099	55.900	50.000	11.8
alpha-Chlordane	6.027	5.927	6.127	52.800	50.000	5.6
beta-BHC	4.516	4.415	4.615	52.760	50.000	5.5
Decachlorobiphenyl	9.074	8.972	9.172	46.330	50.000	-7.3
delta-BHC	4.765	4.664	4.864	57.140	50.000	14.3
Dieldrin	6.348	6.247	6.447	52.530	50.000	5.1
Endosulfan I	6.075	5.975	6.175	52.890	50.000	5.8
Endosulfan II	6.787	6.686	6.886	51.760	50.000	3.5
Endosulfan sulfate	7.151	7.049	7.249	50.190	50.000	0.4
Endrin	6.575	6.475	6.675	49.270	50.000	-1.5
Endrin aldehyde	6.916	6.815	7.015	50.280	50.000	0.6
Endrin ketone	7.632	7.530	7.730	50.190	50.000	0.4
gamma-BHC (Lindane)	4.331	4.230	4.430	55.390	50.000	10.8
gamma-Chlordane	5.947	5.846	6.046	53.600	50.000	7.2
Heptachlor	4.930	4.829	5.029	52.380	50.000	4.8
Heptachlor epoxide	5.691	5.591	5.791	52.180	50.000	4.4
Methoxychlor	7.494	7.393	7.593	50.700	50.000	1.4
Tetrachloro-m-xylene	3.551	3.450	3.650	55.250	50.000	10.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** CAMP02
Lab Code: CHEM **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/03/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089338.D **Time Analyzed:** 16:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.929	5.830	6.030	52.350	50.000	4.7
4,4'-DDE	5.375	5.275	5.475	52.440	50.000	4.9
4,4'-DDT	6.184	6.084	6.284	45.480	50.000	-9.0
Aldrin	4.369	4.269	4.469	54.440	50.000	8.9
alpha-BHC	3.393	3.293	3.493	56.730	50.000	13.5
alpha-Chlordane	5.190	5.091	5.291	52.940	50.000	5.9
beta-BHC	4.025	3.926	4.126	51.210	50.000	2.4
Decachlorobiphenyl	8.072	7.972	8.172	46.160	50.000	-7.7
delta-BHC	4.262	4.162	4.362	54.020	50.000	8.0
Dieldrin	5.511	5.413	5.613	52.900	50.000	5.8
Endosulfan I	5.246	5.147	5.347	52.850	50.000	5.7
Endosulfan II	6.080	5.981	6.181	51.150	50.000	2.3
Endosulfan sulfate	6.482	6.383	6.583	50.040	50.000	0.1
Endrin	5.789	5.689	5.889	54.140	50.000	8.3
Endrin aldehyde	6.259	6.159	6.359	50.360	50.000	0.7
Endrin ketone	6.991	6.892	7.092	49.800	50.000	-0.4
gamma-BHC (Lindane)	3.728	3.630	3.830	55.020	50.000	10.0
gamma-Chlordane	5.125	5.026	5.226	53.820	50.000	7.6
Heptachlor	4.082	3.983	4.183	52.110	50.000	4.2
Heptachlor epoxide	4.872	4.773	4.973	56.280	50.000	12.6
Methoxychlor	6.754	6.655	6.855	52.330	50.000	4.7
Tetrachloro-m-xylene	2.881	2.780	2.980	57.920	50.000	15.8

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD088991.D Date Analyzed: 06/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.071	8.970	9.170	21.440	20.000	7.2
Tetrachloro-m-xylene	3.550	3.500	3.600	19.860	20.000	-0.7
alpha-BHC	3.999	3.950	4.050	8.970	10.000	-10.3
beta-BHC	4.514	4.460	4.560	9.720	10.000	-2.8
gamma-BHC (Lindane)	4.330	4.280	4.380	9.320	10.000	-6.8
Endrin	6.574	6.500	6.640	50.260	50.000	0.5
4,4'-DDT	7.020	6.950	7.090	100.820	100.000	0.8
Methoxychlor	7.493	7.420	7.560	229.880	250.000	-8.0

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD088991.D Date Analyzed: 06/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.072	7.970	8.170	21.290	20.000	6.5
Tetrachloro-m-xylene	2.880	2.830	2.930	20.440	20.000	2.2
alpha-BHC	3.393	3.340	3.440	10.570	10.000	5.7
beta-BHC	4.025	3.970	4.080	10.750	10.000	7.5
gamma-BHC (Lindane)	3.729	3.680	3.780	10.580	10.000	5.8
Endrin	5.789	5.720	5.860	50.490	50.000	1.0
4,4'-DDT	6.183	6.110	6.250	96.080	100.000	-3.9
Methoxychlor	6.754	6.680	6.820	198.860	250.000	-20.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089265.D Date Analyzed: 07/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 12:13

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.074	8.970	9.170	19.270	20.000	-3.7
Tetrachloro-m-xylene	3.550	3.500	3.600	18.530	20.000	-7.4
alpha-BHC	4.000	3.950	4.050	8.560	10.000	-14.4
beta-BHC	4.516	4.470	4.570	9.530	10.000	-4.7
gamma-BHC (Lindane)	4.329	4.280	4.380	8.840	10.000	-11.6
Endrin	6.573	6.500	6.640	43.050	50.000	-13.9
4,4'-DDT	7.022	6.950	7.090	78.670	100.000	-21.3
Methoxychlor	7.493	7.420	7.560	176.900	250.000	-29.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089265.D Date Analyzed: 07/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 12:13

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.072	7.970	8.170	19.650	20.000	-1.8
Tetrachloro-m-xylene	2.881	2.830	2.930	19.970	20.000	-0.2
alpha-BHC	3.392	3.340	3.440	10.130	10.000	1.3
beta-BHC	4.025	3.970	4.080	9.890	10.000	-1.1
gamma-BHC (Lindane)	3.730	3.680	3.780	9.870	10.000	-1.3
Endrin	5.789	5.720	5.860	45.160	50.000	-9.7
4,4'-DDT	6.183	6.110	6.250	78.010	100.000	-22.0
Methoxychlor	6.754	6.680	6.820	158.950	250.000	-36.4

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089288.D Date Analyzed: 07/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:21

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.072	8.970	9.170	17.760	20.000	-11.2
Tetrachloro-m-xylene	3.550	3.500	3.600	18.810	20.000	-6.0
alpha-BHC	3.999	3.950	4.050	8.640	10.000	-13.6
beta-BHC	4.516	4.470	4.570	9.570	10.000	-4.3
gamma-BHC (Lindane)	4.330	4.280	4.380	9.110	10.000	-8.9
Endrin	6.572	6.500	6.640	42.570	50.000	-14.9
4,4'-DDT	7.021	6.950	7.090	74.530	100.000	-25.5
Methoxychlor	7.493	7.420	7.560	168.790	250.000	-32.5

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089288.D Date Analyzed: 07/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:21

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.071	7.970	8.170	17.280	20.000	-13.6
Tetrachloro-m-xylene	2.881	2.830	2.930	20.200	20.000	1.0
alpha-BHC	3.393	3.340	3.440	10.600	10.000	6.0
beta-BHC	4.025	3.970	4.080	9.990	10.000	-0.1
gamma-BHC (Lindane)	3.728	3.680	3.780	10.260	10.000	2.6
Endrin	5.789	5.720	5.860	44.950	50.000	-10.1
4,4'-DDT	6.183	6.110	6.250	73.250	100.000	-26.8
Methoxychlor	6.753	6.680	6.820	152.400	250.000	-39.0

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089327.D Date Analyzed: 07/03/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:32

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.073	8.970	9.170	19.550	20.000	-2.3
Tetrachloro-m-xylene	3.551	3.500	3.600	21.620	20.000	8.1
alpha-BHC	3.999	3.950	4.050	10.140	10.000	1.4
beta-BHC	4.516	4.470	4.570	11.040	10.000	10.4
gamma-BHC (Lindane)	4.331	4.280	4.380	10.550	10.000	5.5
Endrin	6.574	6.500	6.640	48.050	50.000	-3.9
4,4'-DDT	7.021	6.950	7.090	83.070	100.000	-16.9
Methoxychlor	7.494	7.420	7.560	183.850	250.000	-26.5

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089327.D Date Analyzed: 07/03/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:32

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.071	7.970	8.170	19.330	20.000	-3.4
Tetrachloro-m-xylene	2.881	2.830	2.930	23.640	20.000	18.2
alpha-BHC	3.393	3.340	3.440	12.290	10.000	22.9
beta-BHC	4.025	3.970	4.080	11.540	10.000	15.4
gamma-BHC (Lindane)	3.729	3.680	3.780	11.780	10.000	17.8
Endrin	5.788	5.720	5.860	51.080	50.000	2.2
4,4'-DDT	6.182	6.110	6.250	82.740	100.000	-17.3
Methoxychlor	6.753	6.680	6.820	160.450	250.000	-35.8

Analytical Sequence

Client: CDM Smith	SDG No.: Q2458	
Project: South River WM Replacement	Instrument ID: ECD_D	
GC Column: ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 06/17/2025 06/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/17/2025	15:11	PD088990.D	9.07	3.55
PEM	PEM	06/17/2025	15:25	PD088991.D	9.07	3.55
RESCHK	RESCHK	06/17/2025	15:39	PD088992.D	9.07	3.55
PSTDICC100	PSTDICC100	06/17/2025	15:52	PD088993.D	9.07	3.55
PSTDICC075	PSTDICC075	06/17/2025	16:06	PD088994.D	9.07	3.55
PSTDICC050	PSTDICC050	06/17/2025	16:20	PD088995.D	9.07	3.55
PSTDICC025	PSTDICC025	06/17/2025	16:33	PD088996.D	9.07	3.55
PSTDICC005	PSTDICC005	06/17/2025	16:47	PD088997.D	9.07	3.55
PCHLORICC500	PCHLORICC500	06/17/2025	17:28	PD089000.D	9.07	3.55
PTOXICC500	PTOXICC500	06/17/2025	18:36	PD089005.D	9.07	3.55
IBLK	IBLK	07/01/2025	11:59	PD089264.D	9.07	3.55
PEM	PEM	07/01/2025	12:13	PD089265.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/01/2025	13:35	PD089266.D	9.08	3.56
PB168672BL	PB168672BL	07/01/2025	14:33	PD089270.D	9.07	3.55
PB168672BS	PB168672BS	07/01/2025	16:23	PD089275.D	9.08	3.56
IBLK	IBLK	07/01/2025	16:37	PD089276.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/01/2025	16:50	PD089277.D	9.07	3.55
TP-76	Q2458-01	07/01/2025	18:26	PD089284.D	9.07	3.55
TP-55	Q2458-02	07/01/2025	18:40	PD089285.D	9.07	3.55
TP-68	Q2458-03	07/01/2025	18:53	PD089286.D	9.07	3.55
IBLK	IBLK	07/01/2025	19:07	PD089287.D	9.07	3.55
PEM	PEM	07/01/2025	19:21	PD089288.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/01/2025	19:34	PD089289.D	9.07	3.55
TP-67	Q2458-04	07/01/2025	20:15	PD089290.D	9.07	3.55
TP-67MS	Q2458-04MS	07/01/2025	20:29	PD089291.D	9.07	3.55
TP-67MSD	Q2458-04MSD	07/01/2025	20:43	PD089292.D	9.07	3.55
TP-66	Q2458-05	07/01/2025	20:57	PD089293.D	9.07	3.55
TP-60	Q2458-06	07/01/2025	21:10	PD089294.D	9.07	3.55
TP-62	Q2458-07	07/01/2025	21:24	PD089295.D	9.07	3.55
TP-63	Q2458-08	07/01/2025	21:37	PD089296.D	9.07	3.55
TP-59	Q2458-09	07/01/2025	21:51	PD089297.D	9.07	3.55
IBLK	IBLK	07/01/2025	22:05	PD089298.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/01/2025	22:59	PD089299.D	9.07	3.55
IBLK	IBLK	07/03/2025	09:19	PD089326.D	9.08	3.55
PEM	PEM	07/03/2025	09:32	PD089327.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/03/2025	09:46	PD089328.D	9.07	3.55
PB168718BL	PB168718BL	07/03/2025	13:55	PD089329.D	9.08	3.56
PB168718BS	PB168718BS	07/03/2025	14:09	PD089330.D	9.08	3.55
PB168718BSD	PB168718BSD	07/03/2025	14:27	PD089331.D	9.08	3.56
FB-06272025	Q2458-10	07/03/2025	14:40	PD089332.D	9.08	3.55
IBLK	IBLK	07/03/2025	15:48	PD089337.D	9.08	3.55
PSTDCCC050	PSTDCCC050	07/03/2025	16:02	PD089338.D	9.07	3.55

Analytical Sequence

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Analytical Sequence

Client: CDM Smith	SDG No.: Q2458	
Project: South River WM Replacement	Instrument ID: ECD_D	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 06/17/2025 06/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/17/2025	15:11	PD088990.D	8.07	2.88
PEM	PEM	06/17/2025	15:25	PD088991.D	8.07	2.88
RESCHK	RESCHK	06/17/2025	15:39	PD088992.D	8.07	2.88
PSTDICCC100	PSTDICCC100	06/17/2025	15:52	PD088993.D	8.07	2.88
PSTDICCC075	PSTDICCC075	06/17/2025	16:06	PD088994.D	8.07	2.88
PSTDICCC050	PSTDICCC050	06/17/2025	16:20	PD088995.D	8.07	2.88
PSTDICCC025	PSTDICCC025	06/17/2025	16:33	PD088996.D	8.07	2.88
PSTDICCC005	PSTDICCC005	06/17/2025	16:47	PD088997.D	8.07	2.88
PCHLORICC500	PCHLORICC500	06/17/2025	17:28	PD089000.D	8.07	2.88
PTOXICC500	PTOXICC500	06/17/2025	18:36	PD089005.D	8.07	2.88
IBLK	IBLK	07/01/2025	11:59	PD089264.D	8.07	2.88
PEM	PEM	07/01/2025	12:13	PD089265.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/01/2025	13:35	PD089266.D	8.07	2.88
PB168672BL	PB168672BL	07/01/2025	14:33	PD089270.D	8.07	2.88
PB168672BS	PB168672BS	07/01/2025	16:23	PD089275.D	8.07	2.88
IBLK	IBLK	07/01/2025	16:37	PD089276.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/01/2025	16:50	PD089277.D	8.07	2.88
TP-76	Q2458-01	07/01/2025	18:26	PD089284.D	8.07	2.88
TP-55	Q2458-02	07/01/2025	18:40	PD089285.D	8.07	2.88
TP-68	Q2458-03	07/01/2025	18:53	PD089286.D	8.07	2.88
IBLK	IBLK	07/01/2025	19:07	PD089287.D	8.07	2.88
PEM	PEM	07/01/2025	19:21	PD089288.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/01/2025	19:34	PD089289.D	8.07	2.88
TP-67	Q2458-04	07/01/2025	20:15	PD089290.D	8.07	2.88
TP-67MS	Q2458-04MS	07/01/2025	20:29	PD089291.D	8.07	2.88
TP-67MSD	Q2458-04MSD	07/01/2025	20:43	PD089292.D	8.07	2.88
TP-66	Q2458-05	07/01/2025	20:57	PD089293.D	8.07	2.88
TP-60	Q2458-06	07/01/2025	21:10	PD089294.D	8.07	2.88
TP-62	Q2458-07	07/01/2025	21:24	PD089295.D	8.07	2.88
TP-63	Q2458-08	07/01/2025	21:37	PD089296.D	8.07	2.88
TP-59	Q2458-09	07/01/2025	21:51	PD089297.D	8.07	2.88
IBLK	IBLK	07/01/2025	22:05	PD089298.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/01/2025	22:59	PD089299.D	8.07	2.88
IBLK	IBLK	07/03/2025	09:19	PD089326.D	8.07	2.88
PEM	PEM	07/03/2025	09:32	PD089327.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/03/2025	09:46	PD089328.D	8.07	2.88
PB168718BL	PB168718BL	07/03/2025	13:55	PD089329.D	8.08	2.88
PB168718BS	PB168718BS	07/03/2025	14:09	PD089330.D	8.07	2.88
PB168718BSD	PB168718BSD	07/03/2025	14:27	PD089331.D	8.07	2.88
FB-06272025	Q2458-10	07/03/2025	14:40	PD089332.D	8.07	2.88
IBLK	IBLK	07/03/2025	15:48	PD089337.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/03/2025	16:02	PD089338.D	8.07	2.88

Analytical Sequence

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168672BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168672BS

Date(s) Analyzed: 07/01/2025 07/01/2025

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	6.71	6.66	6.76	18.7	4.4
	2	5.93	5.88	5.98	17.9	
4,4'-DDT	1	7.03	6.98	7.08	16.3	2.5
	2	6.19	6.14	6.24	15.9	
alpha-BHC	1	4.01	3.96	4.06	18.7	0.5
	2	3.39	3.34	3.44	18.6	
Aldrin	1	5.28	5.23	5.33	18.7	1.6
	2	4.37	4.32	4.42	18.4	
beta-BHC	1	4.52	4.47	4.57	17.7	1.7
	2	4.03	3.98	4.08	18.0	
alpha-Chlordane	1	6.03	5.98	6.08	18.1	0.6
	2	5.19	5.14	5.24	18.2	
4,4'-DDE	1	6.20	6.15	6.25	18.4	2.8
	2	5.38	5.33	5.43	17.9	
Endosulfan II	1	6.79	6.74	6.84	17.9	0.6
	2	6.08	6.03	6.13	17.8	
Endrin aldehyde	1	6.92	6.87	6.97	17.8	1.1
	2	6.26	6.21	6.31	17.6	
Endosulfan sulfate	1	7.16	7.11	7.21	17.7	0.6
	2	6.48	6.43	6.53	17.6	
Methoxychlor	1	7.50	7.45	7.55	16.3	1.8
	2	6.76	6.71	6.81	16.6	
Endrin ketone	1	7.64	7.59	7.69	18.3	2.8
	2	6.99	6.94	7.04	17.8	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	18.6	1.1
	2	3.73	3.68	3.78	18.4	
Heptachlor	1	4.94	4.89	4.99	18.2	3.4
	2	4.08	4.03	4.13	17.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168672BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168672BS

Date(s) Analyzed: 07/01/2025 07/01/2025

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		
delta-BHC	1	4.77	4.72	4.82	19.2	4.8
	2	4.26	4.21	4.31	18.3	
Heptachlor epoxide	1	5.70	5.65	5.75	18.0	7
	2	4.87	4.82	4.92	19.3	
Endosulfan I	1	6.08	6.03	6.13	18.3	0.5
	2	5.25	5.20	5.30	18.4	
gamma-Chlordane	1	5.95	5.90	6.00	18.5	3.3
	2	5.13	5.08	5.18	17.9	
Dieldrin	1	6.35	6.30	6.40	18.4	2.2
	2	5.51	5.46	5.56	18.0	
Endrin	1	6.58	6.53	6.63	16.5	0
	2	5.79	5.74	5.84	16.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168718BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168718BS

Date(s) Analyzed: 07/03/2025 07/03/2025

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 aldehyde	1	6.92	6.87	6.97	0.56	1.7
	2	6.26	6.21	6.31	0.55	
Methoxychlor	1	7.50	7.45	7.55	0.42	5.3
	2	6.75	6.70	6.80	0.44	
Endrin ketone	1	7.63	7.58	7.68	0.56	0.6
	2	6.99	6.94	7.04	0.55	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.55	1
	2	3.73	3.68	3.78	0.56	
Heptachlor	1	4.93	4.88	4.98	0.54	2.3
	2	4.08	4.03	4.13	0.52	
Heptachlor epoxide	1	5.69	5.64	5.74	0.55	0.5
	2	4.87	4.82	4.92	0.55	
gamma-Chlordane	1	5.95	5.90	6.00	0.57	4.4
	2	5.13	5.08	5.18	0.55	
Endrin	1	6.58	6.53	6.63	0.49	2.8
	2	5.79	5.74	5.84	0.48	
4,4'-DDD	1	6.71	6.66	6.76	0.59	5.1
	2	5.93	5.88	5.98	0.56	
4,4'-DDE	1	6.20	6.15	6.25	0.56	2.5
	2	5.38	5.33	5.43	0.55	
4,4'-DDT	1	7.02	6.97	7.07	0.48	1.3
	2	6.18	6.13	6.23	0.47	
alpha-BHC	1	4.00	3.95	4.05	0.56	1
	2	3.39	3.34	3.44	0.56	
Aldrin	1	5.27	5.22	5.32	0.56	1.3
	2	4.37	4.32	4.42	0.56	
alpha-Chlordane	1	6.03	5.98	6.08	0.56	1.9
	2	5.19	5.14	5.24	0.55	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168718BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168718BS

Date(s) Analyzed: 07/03/2025 07/03/2025

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	6.79	6.74	6.84	0.57	3.2
	2	6.08	6.03	6.13	0.55	
Endosulfan sulfate	1	7.15	7.10	7.20	0.55	0.6
	2	6.48	6.43	6.53	0.55	
beta-BHC	1	4.52	4.47	4.57	0.53	2.8
	2	4.03	3.98	4.08	0.54	
delta-BHC	1	4.77	4.72	4.82	0.59	6
	2	4.26	4.21	4.31	0.55	
Endosulfan I	1	6.08	6.03	6.13	0.56	0.8
	2	5.25	5.20	5.30	0.55	
Dieldrin	1	6.35	6.30	6.40	0.57	2.4
	2	5.51	5.46	5.56	0.55	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168718BSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168718BSD

Date(s) Analyzed: 07/03/2025

07/03/2025

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	6.71	6.66	6.76	0.58	4.1
	2	5.93	5.88	5.98	0.56	
4,4'-DDT	1	7.03	6.98	7.08	0.47	0.6
	2	6.18	6.13	6.23	0.47	
alpha-BHC	1	4.01	3.96	4.06	0.55	1.1
	2	3.39	3.34	3.44	0.56	
Aldrin	1	5.28	5.23	5.33	0.56	0.6
	2	4.37	4.32	4.42	0.55	
beta-BHC	1	4.52	4.47	4.57	0.52	2.8
	2	4.03	3.98	4.08	0.54	
alpha-Chlordane	1	6.03	5.98	6.08	0.55	1.4
	2	5.19	5.14	5.24	0.54	
4,4'-DDE	1	6.20	6.15	6.25	0.55	1.2
	2	5.38	5.33	5.43	0.55	
Endosulfan II	1	6.79	6.74	6.84	0.56	2.7
	2	6.08	6.03	6.13	0.54	
Endrin aldehyde	1	6.92	6.87	6.97	0.55	0.8
	2	6.26	6.21	6.31	0.55	
Endosulfan sulfate	1	7.16	7.11	7.21	0.55	0.1
	2	6.48	6.43	6.53	0.55	
Methoxychlor	1	7.50	7.45	7.55	0.42	5.6
	2	6.76	6.71	6.81	0.44	
Endrin ketone	1	7.64	7.59	7.69	0.55	0.6
	2	6.99	6.94	7.04	0.55	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	0.55	1.2
	2	3.73	3.68	3.78	0.55	
Heptachlor	1	4.94	4.89	4.99	0.53	1.4
	2	4.08	4.03	4.13	0.52	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168718BSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168718BSD

Date(s) Analyzed: 07/03/2025 07/03/2025

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		
delta-BHC	1	4.77	4.72	4.82	0.57	3.9
	2	4.26	4.21	4.31	0.55	
Heptachlor epoxide	1	5.70	5.65	5.75	0.54	1.5
	2	4.87	4.82	4.92	0.55	
Endosulfan I	1	6.08	6.03	6.13	0.55	0.1
	2	5.25	5.20	5.30	0.55	
gamma-Chlordane	1	5.95	5.90	6.00	0.56	3.3
	2	5.13	5.08	5.18	0.55	
Dieldrin	1	6.35	6.30	6.40	0.56	2
	2	5.51	5.46	5.56	0.55	
Endrin	1	6.58	6.53	6.63	0.48	1
	2	5.79	5.74	5.84	0.48	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-60

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-06

Date(s) Analyzed: 07/01/2025 07/01/2025

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'-DDT	1	7.02	6.97	7.07	0.15	80.9
	2	6.18	6.13	6.23	0.36	
gamma-Chlordane	1	5.94	5.89	5.99	0.46	35.9
	2	5.12	5.07	5.17	0.32	
alpha-Chlordane	1	6.03	5.98	6.08	0.90	43.7
	2	5.19	5.14	5.24	0.58	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-63

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-08

Date(s) Analyzed: 07/01/2025 07/01/2025

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	0.41	25.2
	2	5.93	5.88	5.98	0.32	
4,4'-DDT	1	7.02	6.97	7.07	0.24	57.6
	2	6.18	6.13	6.23	0.44	
gamma-Chlordane	1	5.94	5.89	5.99	0.40	31.4
	2	5.12	5.07	5.17	0.29	
alpha-Chlordane	1	6.03	5.98	6.08	0.58	22.7
	2	5.19	5.14	5.24	0.47	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-66

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-05

Date(s) Analyzed: 07/01/2025 07/01/2025

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'-DDT	1	7.02	6.97	7.07	0.24	48.8
	2	6.18	6.13	6.23	0.40	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-67

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-04

Date(s) Analyzed: 07/01/2025 07/01/2025

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		
gamma-Chlordane	1	5.94	5.89	5.99	0.29	20
	2	5.13	5.08	5.18	0.23	
alpha-Chlordane	1	6.03	5.98	6.08	0.48	48.1
	2	5.19	5.14	5.24	0.29	
4,4'-DDE	1	6.20	6.15	6.25	0.21	49.7
	2	5.37	5.32	5.42	0.34	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-67MS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-04MS

Date(s) Analyzed: 07/01/2025 07/01/2025

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	6.71	6.66	6.76	18.4	7.9
	2	5.93	5.88	5.98	17.0	
4,4'-DDT	1	7.02	6.97	7.07	14.0	1.4
	2	6.18	6.13	6.23	14.2	
4,4'-DDE	1	6.20	6.15	6.25	18.0	0.6
	2	5.38	5.33	5.43	17.9	
Endosulfan II	1	6.79	6.74	6.84	17.1	0.6
	2	6.08	6.03	6.13	17.2	
Endrin aldehyde	1	6.92	6.87	6.97	16.8	1.2
	2	6.26	6.21	6.31	16.6	
Endosulfan sulfate	1	7.15	7.10	7.20	16.4	1.8
	2	6.48	6.43	6.53	16.1	
Methoxychlor	1	7.49	7.44	7.54	13.4	0.7
	2	6.75	6.70	6.80	13.3	
Endrin ketone	1	7.63	7.58	7.68	17.2	5.4
	2	6.99	6.94	7.04	16.3	
alpha-BHC	1	4.00	3.95	4.05	17.7	0
	2	3.39	3.34	3.44	17.7	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.5	0
	2	3.73	3.68	3.78	17.5	
Heptachlor	1	4.93	4.88	4.98	16.5	1.2
	2	4.08	4.03	4.13	16.3	
Aldrin	1	5.27	5.22	5.32	18.0	0.6
	2	4.37	4.32	4.42	17.9	
beta-BHC	1	4.52	4.47	4.57	17.3	1.7
	2	4.03	3.98	4.08	17.6	
delta-BHC	1	4.76	4.71	4.81	17.9	5.7
	2	4.26	4.21	4.31	16.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-67MS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-04MS

Date(s) Analyzed: 07/01/2025 07/01/2025

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		
Heptachlor epoxide	1	5.69	5.64	5.74	17.6	3.4
	2	4.87	4.82	4.92	18.2	
Endosulfan I	1	6.07	6.02	6.12	17.8	1.1
	2	5.25	5.20	5.30	17.6	
gamma-Chlordane	1	5.94	5.89	5.99	18.2	0.5
	2	5.13	5.08	5.18	18.3	
alpha-Chlordane	1	6.03	5.98	6.08	18.0	0.6
	2	5.19	5.14	5.24	17.9	
Dieldrin	1	6.35	6.30	6.40	17.6	0.6
	2	5.51	5.46	5.56	17.7	
Endrin	1	6.57	6.52	6.62	16.6	1.8
	2	5.79	5.74	5.84	16.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-67MSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-04MSD

Date(s) Analyzed: 07/01/2025 07/01/2025

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	6.79	6.74	6.84	17.3	0.6
	2	6.08	6.03	6.13	17.4	
4,4'-DDD	1	6.71	6.66	6.76	19.0	8.8
	2	5.93	5.88	5.98	17.4	
4,4'-DDT	1	7.02	6.97	7.07	14.7	2
	2	6.18	6.13	6.23	15.0	
Endrin aldehyde	1	6.92	6.87	6.97	17.3	0.6
	2	6.26	6.21	6.31	17.2	
Endosulfan sulfate	1	7.15	7.10	7.20	17.1	1.2
	2	6.48	6.43	6.53	16.9	
Methoxychlor	1	7.49	7.44	7.54	13.8	2.9
	2	6.75	6.70	6.80	14.2	
Endrin ketone	1	7.63	7.58	7.68	17.7	4
	2	6.99	6.94	7.04	17.0	
alpha-BHC	1	4.00	3.95	4.05	18.2	0.6
	2	3.39	3.34	3.44	18.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.2	1.1
	2	3.73	3.68	3.78	18.0	
Heptachlor	1	4.93	4.88	4.98	16.9	0.6
	2	4.08	4.03	4.13	16.8	
Aldrin	1	5.27	5.22	5.32	18.2	0.6
	2	4.37	4.32	4.42	18.1	
beta-BHC	1	4.52	4.47	4.57	17.4	2.8
	2	4.03	3.98	4.08	17.9	
delta-BHC	1	4.76	4.71	4.81	19.0	6.5
	2	4.26	4.21	4.31	17.8	
Heptachlor epoxide	1	5.69	5.64	5.74	17.7	3.3
	2	4.87	4.82	4.92	18.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-67MSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-04MSD

Date(s) Analyzed: 07/01/2025 07/01/2025

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	17.9	0
	2	5.25	5.20	5.30	17.9	
gamma-Chlordane	1	5.95	5.90	6.00	18.2	1.1
	2	5.13	5.08	5.18	18.4	
alpha-Chlordane	1	6.03	5.98	6.08	18.2	1.1
	2	5.19	5.14	5.24	18.0	
4,4'-DDE	1	6.20	6.15	6.25	18.0	0.6
	2	5.38	5.33	5.43	17.9	
Dieldrin	1	6.35	6.30	6.40	17.8	0.6
	2	5.51	5.46	5.56	17.9	
Endrin	1	6.57	6.52	6.62	16.9	1.8
	2	5.79	5.74	5.84	17.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-76

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-01

Date(s) Analyzed: 07/01/2025 07/01/2025

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'-DDT	1	7.03	6.98	7.08	0.51	80
	2	6.18	6.13	6.23	1.20	
Dieldrin	1	6.35	6.30	6.40	0.50	117.2
	2	5.51	5.46	5.56	1.90	
Endrin	1	6.58	6.53	6.63	0.66	8.1
	2	5.78	5.73	5.83	0.61	