

LAB CHRONICLE

OrderID:	Q3376	OrderDate:	10/17/2025 10:34:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC -
Contact:	Rob Forstner	Location:	60993705-1719208 Soil, VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3376-01	PR132-S05-057082-2 0251016	SOIL			10/16/25			10/16/25
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3376-02	PR132-DP01-2025101 6	SOIL			10/16/25			10/16/25
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3376-03	PR132-COMP2-20251 016	SOIL			10/16/25			10/16/25
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3376-04	PR132-S12-047072-2 0251016	SOIL			10/16/25			10/16/25
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3376-05	PR132-S12-020047-2 0251016	SOIL			10/16/25			10/16/25
			Pesticide-TCL	8081B		10/21/25	10/21/25	

Hit Summary Sheet SW-846

SDG No.: Q3376

Order ID: Q3376

Client: AECOM

Project ID: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR132-S05-057082-20251016								
Q3376-01	PR132-S05-057082-20	SOIL	4,4-DDE	14.0	P	0.26	3.20	ug/kg
Q3376-01	PR132-S05-057082-20	SOIL	4,4-DDD	2.30	J	0.28	3.20	ug/kg
Total Concentration:				16.300				
Client ID : PR132-DP01-20251016								
Q3376-02	PR132-DP01-2025101	SOIL	4,4-DDE	11.7	P	0.26	3.20	ug/kg
Q3376-02	PR132-DP01-2025101	SOIL	4,4-DDD	2.50	J	0.28	3.20	ug/kg
Total Concentration:				14.200				
Client ID : PR132-COMP2-20251016								
Q3376-03	PR132-COMP2-20251	SOIL	4,4-DDE	1.10	JP	0.27	3.20	ug/kg
Total Concentration:				1.100				
Client ID : PR132-S12-047072-20251016								
Q3376-04	PR132-S12-047072-20	SOIL	4,4-DDE	6.30		0.27	3.30	ug/kg
Total Concentration:				6.300				
Client ID : PR132-S12-020047-20251016								
Q3376-05	PR132-S12-020047-20	SOIL	4,4-DDE	0.34	J	0.21	2.50	ug/kg
Total Concentration:				0.340				



SAMPLE DATA

Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S05-057082-20251016		SDG No.:	Q3376
Lab Sample ID:	Q3376-01		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	53.5
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	3.20	U	1	0.24	3.20	ug/kg	10/21/25 17:35	PB170179
319-85-7	beta-BHC	3.20	U	1	0.34	3.20	ug/kg	10/21/25 17:35	PB170179
319-86-8	delta-BHC	3.20	U	1	0.73	3.20	ug/kg	10/21/25 17:35	PB170179
58-89-9	gamma-BHC (Lindane)	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:35	PB170179
76-44-8	Heptachlor	3.20	U	1	0.22	3.20	ug/kg	10/21/25 17:35	PB170179
309-00-2	Aldrin	3.20	U	1	0.22	3.20	ug/kg	10/21/25 17:35	PB170179
1024-57-3	Heptachlor epoxide	3.20	U	1	0.35	3.20	ug/kg	10/21/25 17:35	PB170179
959-98-8	Endosulfan I	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:35	PB170179
60-57-1	Dieldrin	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:35	PB170179
72-55-9	4,4-DDE	14.0	P	1	0.26	3.20	ug/kg	10/21/25 17:35	PB170179
72-20-8	Endrin	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:35	PB170179
33213-65-9	Endosulfan II	3.20	U	1	0.54	3.20	ug/kg	10/21/25 17:35	PB170179
72-54-8	4,4-DDD	2.30	J	1	0.28	3.20	ug/kg	10/21/25 17:35	PB170179
1031-07-8	Endosulfan Sulfate	3.20	U	1	0.24	3.20	ug/kg	10/21/25 17:35	PB170179
50-29-3	4,4-DDT	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:35	PB170179
72-43-5	Methoxychlor	3.20	U	1	0.69	3.20	ug/kg	10/21/25 17:35	PB170179
53494-70-5	Endrin ketone	3.20	U	1	0.35	3.20	ug/kg	10/21/25 17:35	PB170179
7421-93-4	Endrin aldehyde	3.20	U	1	0.69	3.20	ug/kg	10/21/25 17:35	PB170179
5103-71-9	alpha-Chlordane	3.20	U	1	0.22	3.20	ug/kg	10/21/25 17:35	PB170179
5103-74-2	gamma-Chlordane	3.20	U	1	0.28	3.20	ug/kg	10/21/25 17:35	PB170179
8001-35-2	Toxaphene	61.5	U	1	10.1	61.5	ug/kg	10/21/25 17:35	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.9			20 - 144	69%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	13.6			19 - 148	68%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-DP01-20251016		SDG No.:	Q3376
Lab Sample ID:	Q3376-02		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	53.6
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	3.20	U	1	0.24	3.20	ug/kg	10/21/25 17:48	PB170179
319-85-7	beta-BHC	3.20	U	1	0.34	3.20	ug/kg	10/21/25 17:48	PB170179
319-86-8	delta-BHC	3.20	U	1	0.73	3.20	ug/kg	10/21/25 17:48	PB170179
58-89-9	gamma-BHC (Lindane)	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:48	PB170179
76-44-8	Heptachlor	3.20	U	1	0.22	3.20	ug/kg	10/21/25 17:48	PB170179
309-00-2	Aldrin	3.20	U	1	0.22	3.20	ug/kg	10/21/25 17:48	PB170179
1024-57-3	Heptachlor epoxide	3.20	U	1	0.35	3.20	ug/kg	10/21/25 17:48	PB170179
959-98-8	Endosulfan I	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:48	PB170179
60-57-1	Dieldrin	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:48	PB170179
72-55-9	4,4-DDE	11.7	P	1	0.26	3.20	ug/kg	10/21/25 17:48	PB170179
72-20-8	Endrin	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:48	PB170179
33213-65-9	Endosulfan II	3.20	U	1	0.54	3.20	ug/kg	10/21/25 17:48	PB170179
72-54-8	4,4-DDD	2.50	J	1	0.28	3.20	ug/kg	10/21/25 17:48	PB170179
1031-07-8	Endosulfan Sulfate	3.20	U	1	0.24	3.20	ug/kg	10/21/25 17:48	PB170179
50-29-3	4,4-DDT	3.20	U	1	0.26	3.20	ug/kg	10/21/25 17:48	PB170179
72-43-5	Methoxychlor	3.20	U	1	0.69	3.20	ug/kg	10/21/25 17:48	PB170179
53494-70-5	Endrin ketone	3.20	U	1	0.35	3.20	ug/kg	10/21/25 17:48	PB170179
7421-93-4	Endrin aldehyde	3.20	U	1	0.69	3.20	ug/kg	10/21/25 17:48	PB170179
5103-71-9	alpha-Chlordane	3.20	U	1	0.22	3.20	ug/kg	10/21/25 17:48	PB170179
5103-74-2	gamma-Chlordane	3.20	U	1	0.28	3.20	ug/kg	10/21/25 17:48	PB170179
8001-35-2	Toxaphene	61.5	U	1	10.1	61.5	ug/kg	10/21/25 17:48	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.0			20 - 144	55%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	12.5			19 - 148	62%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-COMP2-20251016		SDG No.:	Q3376
Lab Sample ID:	Q3376-03		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	52.7
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	3.20	U	1	0.25	3.20	ug/kg	10/21/25 18:02	PB170179
319-85-7	beta-BHC	3.20	U	1	0.34	3.20	ug/kg	10/21/25 18:02	PB170179
319-86-8	delta-BHC	3.20	U	1	0.74	3.20	ug/kg	10/21/25 18:02	PB170179
58-89-9	gamma-BHC (Lindane)	3.20	U	1	0.27	3.20	ug/kg	10/21/25 18:02	PB170179
76-44-8	Heptachlor	3.20	U	1	0.23	3.20	ug/kg	10/21/25 18:02	PB170179
309-00-2	Aldrin	3.20	U	1	0.23	3.20	ug/kg	10/21/25 18:02	PB170179
1024-57-3	Heptachlor epoxide	3.20	U	1	0.36	3.20	ug/kg	10/21/25 18:02	PB170179
959-98-8	Endosulfan I	3.20	U	1	0.27	3.20	ug/kg	10/21/25 18:02	PB170179
60-57-1	Dieldrin	3.20	U	1	0.27	3.20	ug/kg	10/21/25 18:02	PB170179
72-55-9	4,4-DDE	1.10	JP	1	0.27	3.20	ug/kg	10/21/25 18:02	PB170179
72-20-8	Endrin	3.20	U	1	0.27	3.20	ug/kg	10/21/25 18:02	PB170179
33213-65-9	Endosulfan II	3.20	U	1	0.55	3.20	ug/kg	10/21/25 18:02	PB170179
72-54-8	4,4-DDD	3.20	U	1	0.28	3.20	ug/kg	10/21/25 18:02	PB170179
1031-07-8	Endosulfan Sulfate	3.20	U	1	0.25	3.20	ug/kg	10/21/25 18:02	PB170179
50-29-3	4,4-DDT	3.20	U	1	0.27	3.20	ug/kg	10/21/25 18:02	PB170179
72-43-5	Methoxychlor	3.20	U	1	0.70	3.20	ug/kg	10/21/25 18:02	PB170179
53494-70-5	Endrin ketone	3.20	U	1	0.36	3.20	ug/kg	10/21/25 18:02	PB170179
7421-93-4	Endrin aldehyde	3.20	U	1	0.70	3.20	ug/kg	10/21/25 18:02	PB170179
5103-71-9	alpha-Chlordane	3.20	U	1	0.23	3.20	ug/kg	10/21/25 18:02	PB170179
5103-74-2	gamma-Chlordane	3.20	U	1	0.28	3.20	ug/kg	10/21/25 18:02	PB170179
8001-35-2	Toxaphene	62.6	U	1	10.3	62.6	ug/kg	10/21/25 18:02	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.2			20 - 144	56%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	13.7			19 - 148	69%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S12-047072-20251016		SDG No.:	Q3376
Lab Sample ID:	Q3376-04		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	51.3
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	3.30	U	1	0.25	3.30	ug/kg	10/21/25 18:16	PB170179
319-85-7	beta-BHC	3.30	U	1	0.35	3.30	ug/kg	10/21/25 18:16	PB170179
319-86-8	delta-BHC	3.30	U	1	0.76	3.30	ug/kg	10/21/25 18:16	PB170179
58-89-9	gamma-BHC (Lindane)	3.30	U	1	0.27	3.30	ug/kg	10/21/25 18:16	PB170179
76-44-8	Heptachlor	3.30	U	1	0.23	3.30	ug/kg	10/21/25 18:16	PB170179
309-00-2	Aldrin	3.30	U	1	0.23	3.30	ug/kg	10/21/25 18:16	PB170179
1024-57-3	Heptachlor epoxide	3.30	U	1	0.37	3.30	ug/kg	10/21/25 18:16	PB170179
959-98-8	Endosulfan I	3.30	U	1	0.27	3.30	ug/kg	10/21/25 18:16	PB170179
60-57-1	Dieldrin	3.30	U	1	0.27	3.30	ug/kg	10/21/25 18:16	PB170179
72-55-9	4,4-DDE	6.30		1	0.27	3.30	ug/kg	10/21/25 18:16	PB170179
72-20-8	Endrin	3.30	U	1	0.27	3.30	ug/kg	10/21/25 18:16	PB170179
33213-65-9	Endosulfan II	3.30	U	1	0.56	3.30	ug/kg	10/21/25 18:16	PB170179
72-54-8	4,4-DDD	3.30	U	1	0.29	3.30	ug/kg	10/21/25 18:16	PB170179
1031-07-8	Endosulfan Sulfate	3.30	U	1	0.25	3.30	ug/kg	10/21/25 18:16	PB170179
50-29-3	4,4-DDT	3.30	U	1	0.27	3.30	ug/kg	10/21/25 18:16	PB170179
72-43-5	Methoxychlor	3.30	U	1	0.72	3.30	ug/kg	10/21/25 18:16	PB170179
53494-70-5	Endrin ketone	3.30	U	1	0.37	3.30	ug/kg	10/21/25 18:16	PB170179
7421-93-4	Endrin aldehyde	3.30	U	1	0.72	3.30	ug/kg	10/21/25 18:16	PB170179
5103-71-9	alpha-Chlordane	3.30	U	1	0.23	3.30	ug/kg	10/21/25 18:16	PB170179
5103-74-2	gamma-Chlordane	3.30	U	1	0.29	3.30	ug/kg	10/21/25 18:16	PB170179
8001-35-2	Toxaphene	64.2	U	1	10.5	64.2	ug/kg	10/21/25 18:16	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.6			20 - 144	93%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.8			19 - 148	94%	SPK: 20		

U = Not Detected

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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:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S12-020047-20251016		SDG No.:	Q3376
Lab Sample ID:	Q3376-05		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	66.8
Sample Wt/Vol:	30.01 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	2.50	U	1	0.19	2.50	ug/kg	10/21/25 18:29	PB170179
319-85-7	beta-BHC	2.50	U	1	0.27	2.50	ug/kg	10/21/25 18:29	PB170179
319-86-8	delta-BHC	2.50	U	1	0.58	2.50	ug/kg	10/21/25 18:29	PB170179
58-89-9	gamma-BHC (Lindane)	2.50	U	1	0.21	2.50	ug/kg	10/21/25 18:29	PB170179
76-44-8	Heptachlor	2.50	U	1	0.18	2.50	ug/kg	10/21/25 18:29	PB170179
309-00-2	Aldrin	2.50	U	1	0.18	2.50	ug/kg	10/21/25 18:29	PB170179
1024-57-3	Heptachlor epoxide	2.50	U	1	0.28	2.50	ug/kg	10/21/25 18:29	PB170179
959-98-8	Endosulfan I	2.50	U	1	0.21	2.50	ug/kg	10/21/25 18:29	PB170179
60-57-1	Dieldrin	2.50	U	1	0.21	2.50	ug/kg	10/21/25 18:29	PB170179
72-55-9	4,4-DDE	0.34	J	1	0.21	2.50	ug/kg	10/21/25 18:29	PB170179
72-20-8	Endrin	2.50	U	1	0.21	2.50	ug/kg	10/21/25 18:29	PB170179
33213-65-9	Endosulfan II	2.50	U	1	0.43	2.50	ug/kg	10/21/25 18:29	PB170179
72-54-8	4,4-DDD	2.50	U	1	0.22	2.50	ug/kg	10/21/25 18:29	PB170179
1031-07-8	Endosulfan Sulfate	2.50	U	1	0.19	2.50	ug/kg	10/21/25 18:29	PB170179
50-29-3	4,4-DDT	2.50	U	1	0.21	2.50	ug/kg	10/21/25 18:29	PB170179
72-43-5	Methoxychlor	2.50	U	1	0.55	2.50	ug/kg	10/21/25 18:29	PB170179
53494-70-5	Endrin ketone	2.50	U	1	0.28	2.50	ug/kg	10/21/25 18:29	PB170179
7421-93-4	Endrin aldehyde	2.50	U	1	0.55	2.50	ug/kg	10/21/25 18:29	PB170179
5103-71-9	alpha-Chlordane	2.50	U	1	0.18	2.50	ug/kg	10/21/25 18:29	PB170179
5103-74-2	gamma-Chlordane	2.50	U	1	0.22	2.50	ug/kg	10/21/25 18:29	PB170179
8001-35-2	Toxaphene	49.4	U	1	8.10	49.4	ug/kg	10/21/25 18:29	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.4			20 - 144	72%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.5			19 - 148	88%	SPK: 20		

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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.: Q3376

Client: AECOM

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PD090722.D	PIBLK-PD090722.D	Decachlorobiphen	1	20	21.2	106		57	171
		Tetrachloro-m-xyl	1	20	21.3	106		61	148
		Decachlorobiphen	2	20	22.1	111		57	171
		Tetrachloro-m-xyl	2	20	22.1	110		61	148
PB170179BL	PB170179BL	Decachlorobiphen	1	20	21.6	108		20	144
		Tetrachloro-m-xyl	1	20	20.3	101		19	148
		Decachlorobiphen	2	20	23.1	115		20	144
		Tetrachloro-m-xyl	2	20	21.2	106		19	148
PB170179BS	PB170179BS	Decachlorobiphen	1	20	20.3	101		20	144
		Tetrachloro-m-xyl	1	20	16.8	84		19	148
		Decachlorobiphen	2	20	21.9	110		20	144
		Tetrachloro-m-xyl	2	20	17.1	86		19	148
Q3402-07MS	41-LBMS	Decachlorobiphen	1	20	7.89	39		20	144
		Tetrachloro-m-xyl	1	20	13.4	67		19	148
		Decachlorobiphen	2	20	8.23	41		20	144
		Tetrachloro-m-xyl	2	20	14.0	70		19	148
Q3402-07MSD	41-LBMSD	Decachlorobiphen	1	20	8.21	41		20	144
		Tetrachloro-m-xyl	1	20	13.1	65		19	148
		Decachlorobiphen	2	20	8.28	41		20	144
		Tetrachloro-m-xyl	2	20	14.0	70		19	148
I.BLK-PD090732.D	PIBLK-PD090732.D	Decachlorobiphen	1	20	20.8	104		57	171
		Tetrachloro-m-xyl	1	20	20.4	102		61	148
		Decachlorobiphen	2	20	22.7	114		57	171
		Tetrachloro-m-xyl	2	20	21.1	106		61	148
Q3376-01	PR132-S05-057082-20251016	Decachlorobiphen	1	20	13.4	67		20	144
		Tetrachloro-m-xyl	1	20	12.7	63		19	148
		Decachlorobiphen	2	20	13.9	69		20	144
		Tetrachloro-m-xyl	2	20	13.6	68		19	148
Q3376-02	PR132-DP01-20251016	Decachlorobiphen	1	20	11.0	55		20	144
		Tetrachloro-m-xyl	1	20	11.6	58		19	148
		Decachlorobiphen	2	20	10.7	54		20	144
		Tetrachloro-m-xyl	2	20	12.5	62		19	148
Q3376-03	PR132-COMP2-20251016	Decachlorobiphen	1	20	11.2	56		20	144
		Tetrachloro-m-xyl	1	20	12.6	63		19	148
		Decachlorobiphen	2	20	10.6	53		20	144
		Tetrachloro-m-xyl	2	20	13.7	69		19	148
Q3376-04	PR132-S12-047072-20251016	Decachlorobiphen	1	20	17.6	88		20	144

Surrogate Summary

SDG No.: Q3376

Client: AECOM

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3376-04	PR132-S12-047072-20251016	Tetrachloro-m-xyl	1	20	17.6	88		19	148
		Decachlorobiphen	2	20	18.6	93		20	144
		Tetrachloro-m-xyl	2	20	18.8	94		19	148
Q3376-05	PR132-S12-020047-20251016	Decachlorobiphen	1	20	14.0	70		20	144
		Tetrachloro-m-xyl	1	20	16.7	84		19	148
		Decachlorobiphen	2	20	14.4	72		20	144
		Tetrachloro-m-xyl	2	20	17.5	88		19	148
I.BLK-PD090744.D	PIBLK-PD090744.D	Decachlorobiphen	1	20	21.0	105		57	171
		Tetrachloro-m-xyl	1	20	20.1	101		61	148
		Decachlorobiphen	2	20	22.9	115		57	171
		Tetrachloro-m-xyl	2	20	20.8	104		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090730.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
			Result								High		
Lab Sample ID:	Q3402-07MS	Client Sample ID:		41-LBMS									
	(Column 1)												
	alpha-BHC	25.25	0	24.7	ug/kg	98				60	144		
	beta-BHC	25.25	0	23.3	ug/kg	92				54	143		
	delta-BHC	25.25	0	24.8	ug/kg	98				29	151		
	gamma-BHC (Lindane)	25.25	0	24.0	ug/kg	95				61	140		
	Heptachlor	25.25	0	27.9	ug/kg	110				63	135		
	Aldrin	25.25	0	24.1	ug/kg	95				49	139		
	Heptachlor epoxide	25.25	0	24.2	ug/kg	96				41	156		
	Endosulfan I	25.25	0	23.9	ug/kg	95				56	142		
	Dieldrin	25.25	0	24.3	ug/kg	96				47	161		
	4,4'-DDE	25.25	0	23.6	ug/kg	93				55	136		
	Endrin	25.25	0	24.3	ug/kg	96				57	139		
	Endosulfan II	25.25	0	23.8	ug/kg	94				40	163		
	4,4'-DDD	25.25	0	24.6	ug/kg	97				47	163		
	Endosulfan sulfate	25.25	0	23.5	ug/kg	93				62	139		
	4,4'-DDT	25.25	0	24.8	ug/kg	98				51	146		
	Methoxychlor	25.25	0	24.2	ug/kg	96				54	136		
	Endrin ketone	25.25	0	24.0	ug/kg	95				60	129		
	Endrin aldehyde	25.25	0	23.8	ug/kg	94				59	132		
	alpha-Chlordane	25.25	0	23.2	ug/kg	92				39	166		
	gamma-Chlordane	25.25	0	23.7	ug/kg	94				44	175		
Lab Sample ID:	Q3402-07MS	Client Sample ID:		41-LBMS									
	(Column 2)												
	alpha-BHC	25.25	0	24.0	ug/kg	95				60	144		
	beta-BHC	25.25	0	23.6	ug/kg	93				54	143		
	delta-BHC	25.25	0	24.0	ug/kg	95				29	151		
	gamma-BHC (Lindane)	25.25	0	24.0	ug/kg	95				61	140		
	Heptachlor	25.25	0	24.2	ug/kg	96				63	135		
	Aldrin	25.25	0	24.1	ug/kg	95				49	139		
	Heptachlor epoxide	25.25	0	24.0	ug/kg	95				41	156		
	Endosulfan I	25.25	0	23.8	ug/kg	94				56	142		
	Dieldrin	25.25	0	24.3	ug/kg	96				47	161		
	4,4'-DDE	25.25	0	24.1	ug/kg	95				55	136		
	Endrin	25.25	0	24.3	ug/kg	96				57	139		
	Endosulfan II	25.25	0	24.5	ug/kg	97				40	163		
	4,4'-DDD	25.25	0	23.0	ug/kg	91				47	163		
	Endosulfan sulfate	25.25	0	24.4	ug/kg	97				62	139		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090730.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
		Result	Result							High		
4,4'-DDT	25.25	0	25.3	ug/kg	100				51	146		
Methoxychlor	25.25	0	24.8	ug/kg	98				54	136		
Endrin ketone	25.25	0	24.8	ug/kg	98				60	129		
Endrin aldehyde	25.25	0	24.2	ug/kg	96				59	132		
alpha-Chlordane	25.25	0	24.3	ug/kg	96				39	166		
gamma-Chlordane	25.25	0	24.4	ug/kg	97				44	175		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090731.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits		
			Qual	RPD			Qual	Low	High	RPD		
Lab Sample ID:	Q3402-07MSD (Column 1)	Client Sample ID:		41-LBMSD								
	alpha-BHC	25.26	0	24.6	ug/kg	97		1		60	144	20
	beta-BHC	25.26	0	23.2	ug/kg	92		0		54	143	20
	delta-BHC	25.26	0	24.6	ug/kg	97		1		29	151	20
	gamma-BHC (Lindane)	25.26	0	23.9	ug/kg	95		0		61	140	20
	Heptachlor	25.26	0	28.0	ug/kg	111		1		63	135	20
	Aldrin	25.26	0	24.1	ug/kg	95		0		49	139	20
	Heptachlor epoxide	25.26	0	24.2	ug/kg	96		0		41	156	20
	Endosulfan I	25.26	0	23.9	ug/kg	95		0		56	142	20
	Dieldrin	25.26	0	24.3	ug/kg	96		0		47	161	20
	4,4'-DDE	25.26	0	23.5	ug/kg	93		0		55	136	20
	Endrin	25.26	0	24.3	ug/kg	96		0		57	139	20
	Endosulfan II	25.26	0	23.8	ug/kg	94		0		40	163	20
	4,4'-DDD	25.26	0	24.6	ug/kg	97		0		47	163	20
	Endosulfan sulfate	25.26	0	23.4	ug/kg	93		0		62	139	20
	4,4'-DDT	25.26	0	24.9	ug/kg	99		1		51	146	20
	Methoxychlor	25.26	0	24.4	ug/kg	97		1		54	136	20
	Endrin ketone	25.26	0	24.1	ug/kg	95		0		60	129	20
	Endrin aldehyde	25.26	0	23.9	ug/kg	95		1		59	132	20
	alpha-Chlordane	25.26	0	23.0	ug/kg	91		1		39	166	20
	gamma-Chlordane	25.26	0	23.8	ug/kg	94		0		44	175	20
Lab Sample ID:	Q3402-07MSD (Column 2)	Client Sample ID:		41-LBMSD								
	alpha-BHC	25.26	0	24.0	ug/kg	95		0		60	144	20
	beta-BHC	25.26	0	23.7	ug/kg	94		1		54	143	20
	delta-BHC	25.26	0	24.0	ug/kg	95		0		29	151	20
	gamma-BHC (Lindane)	25.26	0	24.0	ug/kg	95		0		61	140	20
	Heptachlor	25.26	0	24.3	ug/kg	96		0		63	135	20
	Aldrin	25.26	0	24.1	ug/kg	95		0		49	139	20
	Heptachlor epoxide	25.26	0	23.9	ug/kg	95		0		41	156	20
	Endosulfan I	25.26	0	23.8	ug/kg	94		0		56	142	20
	Dieldrin	25.26	0	24.4	ug/kg	97		1		47	161	20
	4,4'-DDE	25.26	0	24.1	ug/kg	95		0		55	136	20
	Endrin	25.26	0	24.3	ug/kg	96		0		57	139	20
	Endosulfan II	25.26	0	24.5	ug/kg	97		0		40	163	20
	4,4'-DDD	25.26	0	23.0	ug/kg	91		0		47	163	20
	Endosulfan sulfate	25.26	0	24.5	ug/kg	97		0		62	139	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090731.D</u>

Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
		Result	Result			Qual	RPD	Qual	Low	High	RPD
4,4'-DDT	25.26	0	25.4	ug/kg	101		1		51	146	20
Methoxychlor	25.26	0	24.8	ug/kg	98		0		54	136	20
Endrin ketone	25.26	0	24.8	ug/kg	98		0		60	129	20
Endrin aldehyde	25.26	0	24.5	ug/kg	97		1		59	132	20
alpha-Chlordane	25.26	0	24.3	ug/kg	96		0		39	166	20
gamma-Chlordane	25.26	0	24.4	ug/kg	97		0		44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	Datafile :	<u>PD090726.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170179BS (Column 1)	alpha-BHC	16.66	14.8	ug/kg	89				84	123	
	beta-BHC	16.66	14.6	ug/kg	88				82	123	
	delta-BHC	16.66	15.0	ug/kg	90				83	126	
	gamma-BHC (Lindane)	16.66	14.7	ug/kg	88				83	125	
	Heptachlor	16.66	17.5	ug/kg	105				83	122	
	Aldrin	16.66	14.9	ug/kg	89				82	124	
	Heptachlor epoxide	16.66	15.1	ug/kg	91				83	120	
	Endosulfan I	16.66	14.9	ug/kg	89				81	124	
	Dieldrin	16.66	15.1	ug/kg	91				85	121	
	4,4'-DDE	16.66	14.6	ug/kg	88				81	123	
	Endrin	16.66	15.1	ug/kg	91				76	130	
	Endosulfan II	16.66	15.1	ug/kg	91				80	125	
	4,4'-DDD	16.66	15.4	ug/kg	92				80	131	
	Endosulfan sulfate	16.66	14.9	ug/kg	89				81	122	
	4,4'-DDT	16.66	15.9	ug/kg	95				70	129	
	Methoxychlor	16.66	15.6	ug/kg	94				60	119	
	Endrin ketone	16.66	15.1	ug/kg	91				77	132	
	Endrin aldehyde	16.66	15.4	ug/kg	92				79	124	
	alpha-Chlordane	16.66	14.4	ug/kg	86				84	120	
	gamma-Chlordane	16.66	14.8	ug/kg	89				83	122	
	PB170179BS (Column 2)	alpha-BHC	16.66	14.7	ug/kg	88				84	123
beta-BHC		16.66	14.8	ug/kg	89				82	123	
delta-BHC		16.66	15.0	ug/kg	90				83	126	
gamma-BHC (Lindane)		16.66	14.9	ug/kg	89				83	125	
Heptachlor		16.66	15.1	ug/kg	91				83	122	
Aldrin		16.66	14.9	ug/kg	89				82	124	
Heptachlor epoxide		16.66	14.8	ug/kg	89				83	120	
Endosulfan I		16.66	14.8	ug/kg	89				81	124	
Dieldrin		16.66	15.3	ug/kg	92				85	121	
4,4'-DDE		16.66	15.2	ug/kg	91				81	123	
Endrin		16.66	15.2	ug/kg	91				76	130	
Endosulfan II		16.66	15.4	ug/kg	92				80	125	
4,4'-DDD		16.66	15.2	ug/kg	91				80	131	
Endosulfan sulfate		16.66	15.6	ug/kg	94				81	122	
4,4'-DDT		16.66	16.2	ug/kg	97				70	129	
Methoxychlor		16.66	16.0	ug/kg	96				60	119	
Endrin ketone		16.66	15.8	ug/kg	95				77	132	
Endrin aldehyde		16.66	15.8	ug/kg	95				79	124	
alpha-Chlordane		16.66	15.1	ug/kg	91				84	120	
gamma-Chlordane		16.66	15.1	ug/kg	91				83	122	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170179BL

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: PB170179BL

Lab File ID: PD090725.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/21/2025

Date Analyzed (1): 10/21/2025

Date Analyzed (2): 10/21/2025

Time Analyzed (1): 14:44

Time Analyzed (2): 14:44

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
PB170179BS	PB170179BS	PD090726.D	10/21/2025	10/21/2025
41-LBMS	Q3402-07MS	PD090730.D	10/21/2025	10/21/2025
41-LBMSD	Q3402-07MSD	PD090731.D	10/21/2025	10/21/2025
PR132-S05-057082-20251016	Q3376-01	PD090737.D	10/21/2025	10/21/2025
PR132-DP01-20251016	Q3376-02	PD090738.D	10/21/2025	10/21/2025
PR132-COMP2-20251016	Q3376-03	PD090739.D	10/21/2025	10/21/2025
PR132-S12-047072-20251016	Q3376-04	PD090740.D	10/21/2025	10/21/2025
PR132-S12-020047-20251016	Q3376-05	PD090741.D	10/21/2025	10/21/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170179BL		SDG No.:	Q3376
Lab Sample ID:	PB170179BL		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541	Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	1.70	U	1	0.13	1.70	ug/kg	10/21/25 14:44	PB170179
319-85-7	beta-BHC	1.70	U	1	0.18	1.70	ug/kg	10/21/25 14:44	PB170179
319-86-8	delta-BHC	1.70	U	1	0.39	1.70	ug/kg	10/21/25 14:44	PB170179
58-89-9	gamma-BHC (Lindane)	1.70	U	1	0.14	1.70	ug/kg	10/21/25 14:44	PB170179
76-44-8	Heptachlor	1.70	U	1	0.12	1.70	ug/kg	10/21/25 14:44	PB170179
309-00-2	Aldrin	1.70	U	1	0.12	1.70	ug/kg	10/21/25 14:44	PB170179
1024-57-3	Heptachlor epoxide	1.70	U	1	0.19	1.70	ug/kg	10/21/25 14:44	PB170179
959-98-8	Endosulfan I	1.70	U	1	0.14	1.70	ug/kg	10/21/25 14:44	PB170179
60-57-1	Dieldrin	1.70	U	1	0.14	1.70	ug/kg	10/21/25 14:44	PB170179
72-55-9	4,4-DDE	1.70	U	1	0.14	1.70	ug/kg	10/21/25 14:44	PB170179
72-20-8	Endrin	1.70	U	1	0.14	1.70	ug/kg	10/21/25 14:44	PB170179
33213-65-9	Endosulfan II	1.70	U	1	0.29	1.70	ug/kg	10/21/25 14:44	PB170179
72-54-8	4,4-DDD	1.70	U	1	0.15	1.70	ug/kg	10/21/25 14:44	PB170179
1031-07-8	Endosulfan Sulfate	1.70	U	1	0.13	1.70	ug/kg	10/21/25 14:44	PB170179
50-29-3	4,4-DDT	1.70	U	1	0.14	1.70	ug/kg	10/21/25 14:44	PB170179
72-43-5	Methoxychlor	1.70	U	1	0.37	1.70	ug/kg	10/21/25 14:44	PB170179
53494-70-5	Endrin ketone	1.70	U	1	0.19	1.70	ug/kg	10/21/25 14:44	PB170179
7421-93-4	Endrin aldehyde	1.70	U	1	0.37	1.70	ug/kg	10/21/25 14:44	PB170179
5103-71-9	alpha-Chlordane	1.70	U	1	0.12	1.70	ug/kg	10/21/25 14:44	PB170179
5103-74-2	gamma-Chlordane	1.70	U	1	0.15	1.70	ug/kg	10/21/25 14:44	PB170179
8001-35-2	Toxaphene	33.0	U	1	5.40	33.0	ug/kg	10/21/25 14:44	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.1			20 - 144	115%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.2			19 - 148	106%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

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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:	AECOM		Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D		SDG No.:	Q3376
Lab Sample ID:	I.BLK-PD090647.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.050	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			57 - 171	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/21/25
Client Sample ID:	PIBLK-PD090722.D		SDG No.:	Q3376
Lab Sample ID:	I.BLK-PD090722.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.050	U	1	0.0039	0.050	ug/L	10/21/25	PD102125
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/21/25	PD102125
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/21/25	PD102125
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/21/25	PD102125
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/21/25	PD102125
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/21/25	PD102125
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/21/25	PD102125
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/21/25	PD102125
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/21/25	PD102125
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/21/25	PD102125
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/21/25	PD102125
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/21/25	PD102125
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/21/25	PD102125
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/21/25	PD102125
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/21/25	PD102125
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.1			57 - 171	111%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.1			61 - 148	110%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/21/25
Client Sample ID:	PIBLK-PD090732.D		SDG No.:	Q3376
Lab Sample ID:	I.BLK-PD090732.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.050	U	1	0.0039	0.050	ug/L	10/21/25	PD102125
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/21/25	PD102125
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/21/25	PD102125
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/21/25	PD102125
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/21/25	PD102125
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/21/25	PD102125
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/21/25	PD102125
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/21/25	PD102125
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/21/25	PD102125
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/21/25	PD102125
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/21/25	PD102125
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/21/25	PD102125
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/21/25	PD102125
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/21/25	PD102125
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/21/25	PD102125
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.7			57 - 171	114%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.1			61 - 148	106%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/21/25
Client Sample ID:	PIBLK-PD090744.D		SDG No.:	Q3376
Lab Sample ID:	I.BLK-PD090744.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.050	U	1	0.0039	0.050	ug/L	10/21/25	PD102125
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/21/25	PD102125
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/21/25	PD102125
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/21/25	PD102125
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/21/25	PD102125
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/21/25	PD102125
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/21/25	PD102125
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/21/25	PD102125
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/21/25	PD102125
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/21/25	PD102125
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/21/25	PD102125
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/21/25	PD102125
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/21/25	PD102125
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/21/25	PD102125
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/21/25	PD102125
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/21/25	PD102125
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/21/25	PD102125
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.9			57 - 171	115%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.8			61 - 148	104%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170179BS		SDG No.:	Q3376
Lab Sample ID:	PB170179BS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	14.8		1	0.13	1.70	ug/kg	10/21/25 14:58	PB170179
319-85-7	beta-BHC	14.8		1	0.18	1.70	ug/kg	10/21/25 14:58	PB170179
319-86-8	delta-BHC	15.0		1	0.39	1.70	ug/kg	10/21/25 14:58	PB170179
58-89-9	gamma-BHC (Lindane)	14.9		1	0.14	1.70	ug/kg	10/21/25 14:58	PB170179
76-44-8	Heptachlor	17.5		1	0.12	1.70	ug/kg	10/21/25 14:58	PB170179
309-00-2	Aldrin	14.9		1	0.12	1.70	ug/kg	10/21/25 14:58	PB170179
1024-57-3	Heptachlor epoxide	15.1		1	0.19	1.70	ug/kg	10/21/25 14:58	PB170179
959-98-8	Endosulfan I	14.9		1	0.14	1.70	ug/kg	10/21/25 14:58	PB170179
60-57-1	Dieldrin	15.3		1	0.14	1.70	ug/kg	10/21/25 14:58	PB170179
72-55-9	4,4-DDE	15.2		1	0.14	1.70	ug/kg	10/21/25 14:58	PB170179
72-20-8	Endrin	15.2		1	0.14	1.70	ug/kg	10/21/25 14:58	PB170179
33213-65-9	Endosulfan II	15.4		1	0.29	1.70	ug/kg	10/21/25 14:58	PB170179
72-54-8	4,4-DDD	15.4		1	0.15	1.70	ug/kg	10/21/25 14:58	PB170179
1031-07-8	Endosulfan Sulfate	15.6		1	0.13	1.70	ug/kg	10/21/25 14:58	PB170179
50-29-3	4,4-DDT	16.2		1	0.14	1.70	ug/kg	10/21/25 14:58	PB170179
72-43-5	Methoxychlor	16.0		1	0.37	1.70	ug/kg	10/21/25 14:58	PB170179
53494-70-5	Endrin ketone	15.8		1	0.19	1.70	ug/kg	10/21/25 14:58	PB170179
7421-93-4	Endrin aldehyde	15.8		1	0.37	1.70	ug/kg	10/21/25 14:58	PB170179
5103-71-9	alpha-Chlordane	15.1		1	0.12	1.70	ug/kg	10/21/25 14:58	PB170179
5103-74-2	gamma-Chlordane	15.1		1	0.15	1.70	ug/kg	10/21/25 14:58	PB170179
8001-35-2	Toxaphene	33.0	U	1	5.40	33.0	ug/kg	10/21/25 14:58	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.9			20 - 144	110%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.1			19 - 148	86%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/20/25
Client Sample ID:	41-LBMS		SDG No.:	Q3376
Lab Sample ID:	Q3402-07MS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	65.9
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	24.7		1	0.20	2.60	ug/kg	10/21/25 15:59	PB170179
319-85-7	beta-BHC	23.6		1	0.27	2.60	ug/kg	10/21/25 15:59	PB170179
319-86-8	delta-BHC	24.8		1	0.59	2.60	ug/kg	10/21/25 15:59	PB170179
58-89-9	gamma-BHC (Lindane)	24.0		1	0.21	2.60	ug/kg	10/21/25 15:59	PB170179
76-44-8	Heptachlor	27.9		1	0.18	2.60	ug/kg	10/21/25 15:59	PB170179
309-00-2	Aldrin	24.1		1	0.18	2.60	ug/kg	10/21/25 15:59	PB170179
1024-57-3	Heptachlor epoxide	24.2		1	0.29	2.60	ug/kg	10/21/25 15:59	PB170179
959-98-8	Endosulfan I	23.9		1	0.21	2.60	ug/kg	10/21/25 15:59	PB170179
60-57-1	Dieldrin	24.3		1	0.21	2.60	ug/kg	10/21/25 15:59	PB170179
72-55-9	4,4-DDE	24.1		1	0.21	2.60	ug/kg	10/21/25 15:59	PB170179
72-20-8	Endrin	24.3		1	0.21	2.60	ug/kg	10/21/25 15:59	PB170179
33213-65-9	Endosulfan II	24.5		1	0.44	2.60	ug/kg	10/21/25 15:59	PB170179
72-54-8	4,4-DDD	24.6		1	0.23	2.60	ug/kg	10/21/25 15:59	PB170179
1031-07-8	Endosulfan Sulfate	24.4		1	0.20	2.60	ug/kg	10/21/25 15:59	PB170179
50-29-3	4,4-DDT	25.3		1	0.21	2.60	ug/kg	10/21/25 15:59	PB170179
72-43-5	Methoxychlor	24.8		1	0.56	2.60	ug/kg	10/21/25 15:59	PB170179
53494-70-5	Endrin ketone	24.8		1	0.29	2.60	ug/kg	10/21/25 15:59	PB170179
7421-93-4	Endrin aldehyde	24.2		1	0.56	2.60	ug/kg	10/21/25 15:59	PB170179
5103-71-9	alpha-Chlordane	24.3		1	0.18	2.60	ug/kg	10/21/25 15:59	PB170179
5103-74-2	gamma-Chlordane	24.4		1	0.23	2.60	ug/kg	10/21/25 15:59	PB170179
8001-35-2	Toxaphene	50.0	U	1	8.20	50.0	ug/kg	10/21/25 15:59	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	8.23			20 - 144	41%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.0			19 - 148	70%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	AECOM		Date Collected:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/20/25
Client Sample ID:	41-LBMSD		SDG No.:	Q3376
Lab Sample ID:	Q3402-07MSD		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	65.9
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/21/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	24.6		1	0.20	2.60	ug/kg	10/21/25 16:13	PB170179
319-85-7	beta-BHC	23.7		1	0.27	2.60	ug/kg	10/21/25 16:13	PB170179
319-86-8	delta-BHC	24.6		1	0.59	2.60	ug/kg	10/21/25 16:13	PB170179
58-89-9	gamma-BHC (Lindane)	24.0		1	0.21	2.60	ug/kg	10/21/25 16:13	PB170179
76-44-8	Heptachlor	28.0		1	0.18	2.60	ug/kg	10/21/25 16:13	PB170179
309-00-2	Aldrin	24.1		1	0.18	2.60	ug/kg	10/21/25 16:13	PB170179
1024-57-3	Heptachlor epoxide	24.2		1	0.29	2.60	ug/kg	10/21/25 16:13	PB170179
959-98-8	Endosulfan I	23.9		1	0.21	2.60	ug/kg	10/21/25 16:13	PB170179
60-57-1	Dieldrin	24.4		1	0.21	2.60	ug/kg	10/21/25 16:13	PB170179
72-55-9	4,4-DDE	24.1		1	0.21	2.60	ug/kg	10/21/25 16:13	PB170179
72-20-8	Endrin	24.3		1	0.21	2.60	ug/kg	10/21/25 16:13	PB170179
33213-65-9	Endosulfan II	24.5		1	0.44	2.60	ug/kg	10/21/25 16:13	PB170179
72-54-8	4,4-DDD	24.6		1	0.23	2.60	ug/kg	10/21/25 16:13	PB170179
1031-07-8	Endosulfan Sulfate	24.5		1	0.20	2.60	ug/kg	10/21/25 16:13	PB170179
50-29-3	4,4-DDT	25.4		1	0.21	2.60	ug/kg	10/21/25 16:13	PB170179
72-43-5	Methoxychlor	24.8		1	0.56	2.60	ug/kg	10/21/25 16:13	PB170179
53494-70-5	Endrin ketone	24.8		1	0.29	2.60	ug/kg	10/21/25 16:13	PB170179
7421-93-4	Endrin aldehyde	24.5		1	0.56	2.60	ug/kg	10/21/25 16:13	PB170179
5103-71-9	alpha-Chlordane	24.3		1	0.18	2.60	ug/kg	10/21/25 16:13	PB170179
5103-74-2	gamma-Chlordane	24.4		1	0.23	2.60	ug/kg	10/21/25 16:13	PB170179
8001-35-2	Toxaphene	50.0	U	1	8.20	50.0	ug/kg	10/21/25 16:13	PB170179
SURROGATES									
2051-24-3	Decachlorobiphenyl	8.28			20 - 144	41%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.0			19 - 148	70%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3376</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

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

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3376</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: AECO02
SDG NO.: Q3376

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

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: AECO02
SDG NO.: Q3376

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

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance
Contract: AECO02

Lab Code: ACE
SDG NO.: Q3376

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

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3376

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

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Continuing Calib Date: 10/21/2025

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

10/17/2025

Continuing Calib Time: 12:40

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.08	9.06	8.96	9.16	-0.02
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.08	6.07	5.97	6.17	-0.01
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.49	7.39	7.59	-0.01
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.91	6.81	7.01	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Continuing Calib Date: 10/21/2025

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

10/17/2025

Continuing Calib Time: 12:40

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.51	5.50	5.40	5.60	-0.01
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.48	6.47	6.37	6.57	0.00
4,4'-DDT	6.18	6.17	6.07	6.27	-0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.00
Endrin ketone	6.99	6.98	6.88	7.08	-0.01
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3376
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090724.D **Time Analyzed:** 12:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.708	6.600	6.800	51.480	50.000	3.0
4,4'-DDE	6.198	6.090	6.290	48.110	50.000	-3.8
4,4'-DDT	7.024	6.915	7.115	52.120	50.000	4.2
Aldrin	5.272	5.164	5.364	49.580	50.000	-0.8
alpha-BHC	4.001	3.894	4.094	50.170	50.000	0.3
alpha-Chlordane	6.028	5.921	6.121	47.110	50.000	-5.8
beta-BHC	4.519	4.412	4.612	48.510	50.000	-3.0
Decachlorobiphenyl	9.076	8.964	9.164	44.960	50.000	-10.1
delta-BHC	4.768	4.660	4.860	49.430	50.000	-1.1
Dieldrin	6.349	6.240	6.440	49.490	50.000	-1.0
Endosulfan I	6.076	5.968	6.168	48.920	50.000	-2.2
Endosulfan II	6.788	6.681	6.881	50.200	50.000	0.4
Endosulfan sulfate	7.153	7.045	7.245	48.310	50.000	-3.4
Endrin	6.576	6.468	6.668	49.620	50.000	-0.8
Endrin aldehyde	6.918	6.810	7.010	50.080	50.000	0.2
Endrin ketone	7.633	7.525	7.725	49.100	50.000	-1.8
gamma-BHC (Lindane)	4.332	4.225	4.425	49.690	50.000	-0.6
gamma-Chlordane	5.948	5.840	6.040	49.260	50.000	-1.5
Heptachlor	4.930	4.823	5.023	57.640	50.000	15.3
Heptachlor epoxide	5.692	5.584	5.784	48.930	50.000	-2.1
Methoxychlor	7.496	7.388	7.588	50.060	50.000	0.1
Tetrachloro-m-xylene	3.551	3.445	3.645	47.040	50.000	-5.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3376
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090724.D **Time Analyzed:** 12:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.922	5.821	6.021	49.020	50.000	-2.0
4,4'-DDE	5.367	5.266	5.466	49.070	50.000	-1.9
4,4'-DDT	6.175	6.074	6.274	51.890	50.000	3.8
Aldrin	4.360	4.261	4.461	48.680	50.000	-2.6
alpha-BHC	3.385	3.287	3.487	48.530	50.000	-2.9
alpha-Chlordane	5.182	5.081	5.281	48.800	50.000	-2.4
beta-BHC	4.019	3.919	4.119	48.120	50.000	-3.8
Decachlorobiphenyl	8.064	7.962	8.162	49.110	50.000	-1.8
delta-BHC	4.255	4.155	4.355	48.560	50.000	-2.9
Dieldrin	5.505	5.404	5.604	49.350	50.000	-1.3
Endosulfan I	5.239	5.138	5.338	47.220	50.000	-5.6
Endosulfan II	6.073	5.972	6.172	49.320	50.000	-1.4
Endosulfan sulfate	6.475	6.374	6.574	49.710	50.000	-0.6
Endrin	5.781	5.681	5.881	49.540	50.000	-0.9
Endrin aldehyde	6.251	6.150	6.350	49.960	50.000	-0.1
Endrin ketone	6.985	6.883	7.083	50.710	50.000	1.4
gamma-BHC (Lindane)	3.722	3.623	3.823	48.590	50.000	-2.8
gamma-Chlordane	5.117	5.017	5.217	49.020	50.000	-2.0
Heptachlor	4.074	3.975	4.175	48.870	50.000	-2.3
Heptachlor epoxide	4.864	4.764	4.964	47.740	50.000	-4.5
Methoxychlor	6.747	6.645	6.845	51.200	50.000	2.4
Tetrachloro-m-xylene	2.873	2.775	2.975	47.850	50.000	-4.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Continuing Calib Date: 10/21/2025

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

10/17/2025

Continuing Calib Time: 16:40

Initial Calibration Time(s): 11:34

12:28

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Continuing Calib Date: 10/21/2025

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

10/17/2025

Continuing Calib Time: 16:40

Initial Calibration Time(s): 11:34

12:28

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3376
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090733.D **Time Analyzed:** 16:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.700	6.600	6.800	50.260	50.000	0.5
4,4'-DDE	6.190	6.090	6.290	47.320	50.000	-5.4
4,4'-DDT	7.016	6.915	7.115	51.040	50.000	2.1
Aldrin	5.264	5.164	5.364	49.030	50.000	-1.9
alpha-BHC	3.994	3.894	4.094	49.260	50.000	-1.5
alpha-Chlordane	6.021	5.921	6.121	46.430	50.000	-7.1
beta-BHC	4.512	4.412	4.612	47.700	50.000	-4.6
Decachlorobiphenyl	9.066	8.964	9.164	44.630	50.000	-10.7
delta-BHC	4.760	4.660	4.860	48.820	50.000	-2.4
Dieldrin	6.341	6.240	6.440	49.060	50.000	-1.9
Endosulfan I	6.068	5.968	6.168	48.350	50.000	-3.3
Endosulfan II	6.781	6.681	6.881	49.170	50.000	-1.7
Endosulfan sulfate	7.145	7.045	7.245	47.900	50.000	-4.2
Endrin	6.568	6.468	6.668	49.030	50.000	-1.9
Endrin aldehyde	6.910	6.810	7.010	49.030	50.000	-1.9
Endrin ketone	7.626	7.525	7.725	51.010	50.000	2.0
gamma-BHC (Lindane)	4.325	4.225	4.425	48.870	50.000	-2.3
gamma-Chlordane	5.940	5.840	6.040	48.660	50.000	-2.7
Heptachlor	4.923	4.823	5.023	56.860	50.000	13.7
Heptachlor epoxide	5.684	5.584	5.784	48.460	50.000	-3.1
Methoxychlor	7.489	7.388	7.588	49.140	50.000	-1.7
Tetrachloro-m-xylene	3.544	3.445	3.645	47.380	50.000	-5.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3376
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090733.D **Time Analyzed:** 16:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.821	6.021	49.010	50.000	-2.0
4,4'-DDE	5.366	5.266	5.466	48.880	50.000	-2.2
4,4'-DDT	6.174	6.074	6.274	51.440	50.000	2.9
Aldrin	4.360	4.261	4.461	48.670	50.000	-2.7
alpha-BHC	3.386	3.287	3.487	48.710	50.000	-2.6
alpha-Chlordane	5.181	5.081	5.281	48.790	50.000	-2.4
beta-BHC	4.019	3.919	4.119	47.630	50.000	-4.7
Decachlorobiphenyl	8.061	7.962	8.162	49.500	50.000	-1.0
delta-BHC	4.255	4.155	4.355	48.600	50.000	-2.8
Dieldrin	5.503	5.404	5.604	49.330	50.000	-1.3
Endosulfan I	5.238	5.138	5.338	47.170	50.000	-5.7
Endosulfan II	6.072	5.972	6.172	49.300	50.000	-1.4
Endosulfan sulfate	6.474	6.374	6.574	49.780	50.000	-0.4
Endrin	5.780	5.681	5.881	50.530	50.000	1.1
Endrin aldehyde	6.250	6.150	6.350	49.860	50.000	-0.3
Endrin ketone	6.983	6.883	7.083	50.910	50.000	1.8
gamma-BHC (Lindane)	3.722	3.623	3.823	48.540	50.000	-2.9
gamma-Chlordane	5.116	5.017	5.217	49.070	50.000	-1.9
Heptachlor	4.075	3.975	4.175	49.570	50.000	-0.9
Heptachlor epoxide	4.864	4.764	4.964	47.520	50.000	-5.0
Methoxychlor	6.744	6.645	6.845	51.470	50.000	2.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.910	50.000	-4.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Continuing Calib Date: 10/21/2025

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

10/17/2025

Continuing Calib Time: 19:38

Initial Calibration Time(s): 11:34

12:28

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Continuing Calib Date: 10/21/2025

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

10/17/2025

Continuing Calib Time: 19:38

Initial Calibration Time(s): 11:34

12:28

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3376
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090746.D **Time Analyzed:** 19:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.700	6.600	6.800	49.860	50.000	-0.3
4,4'-DDE	6.190	6.090	6.290	46.810	50.000	-6.4
4,4'-DDT	7.016	6.915	7.115	50.050	50.000	0.1
Aldrin	5.264	5.164	5.364	48.220	50.000	-3.6
alpha-BHC	3.994	3.894	4.094	48.460	50.000	-3.1
alpha-Chlordane	6.021	5.921	6.121	46.450	50.000	-7.1
beta-BHC	4.512	4.412	4.612	47.190	50.000	-5.6
Decachlorobiphenyl	9.066	8.964	9.164	45.090	50.000	-9.8
delta-BHC	4.760	4.660	4.860	48.270	50.000	-3.5
Dieldrin	6.341	6.240	6.440	48.320	50.000	-3.4
Endosulfan I	6.068	5.968	6.168	47.740	50.000	-4.5
Endosulfan II	6.781	6.681	6.881	48.440	50.000	-3.1
Endosulfan sulfate	7.145	7.045	7.245	47.500	50.000	-5.0
Endrin	6.568	6.468	6.668	48.160	50.000	-3.7
Endrin aldehyde	6.910	6.810	7.010	48.550	50.000	-2.9
Endrin ketone	7.626	7.525	7.725	48.400	50.000	-3.2
gamma-BHC (Lindane)	4.325	4.225	4.425	48.090	50.000	-3.8
gamma-Chlordane	5.940	5.840	6.040	48.000	50.000	-4.0
Heptachlor	4.922	4.823	5.023	55.710	50.000	11.4
Heptachlor epoxide	5.684	5.584	5.784	47.850	50.000	-4.3
Methoxychlor	7.489	7.388	7.588	48.670	50.000	-2.7
Tetrachloro-m-xylene	3.544	3.445	3.645	46.390	50.000	-7.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3376
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090746.D **Time Analyzed:** 19:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.821	6.021	49.190	50.000	-1.6
4,4'-DDE	5.365	5.266	5.466	48.920	50.000	-2.2
4,4'-DDT	6.174	6.074	6.274	50.890	50.000	1.8
Aldrin	4.359	4.261	4.461	48.200	50.000	-3.6
alpha-BHC	3.386	3.287	3.487	47.860	50.000	-4.3
alpha-Chlordane	5.181	5.081	5.281	48.460	50.000	-3.1
beta-BHC	4.018	3.919	4.119	47.130	50.000	-5.7
Decachlorobiphenyl	8.062	7.962	8.162	51.020	50.000	2.0
delta-BHC	4.255	4.155	4.355	48.130	50.000	-3.7
Dieldrin	5.503	5.404	5.604	48.950	50.000	-2.1
Endosulfan I	5.237	5.138	5.338	46.940	50.000	-6.1
Endosulfan II	6.071	5.972	6.172	49.460	50.000	-1.1
Endosulfan sulfate	6.474	6.374	6.574	49.650	50.000	-0.7
Endrin	5.780	5.681	5.881	49.970	50.000	-0.1
Endrin aldehyde	6.250	6.150	6.350	50.030	50.000	0.1
Endrin ketone	6.983	6.883	7.083	51.180	50.000	2.4
gamma-BHC (Lindane)	3.722	3.623	3.823	47.790	50.000	-4.4
gamma-Chlordane	5.116	5.017	5.217	48.480	50.000	-3.0
Heptachlor	4.074	3.975	4.175	48.850	50.000	-2.3
Heptachlor epoxide	4.864	4.764	4.964	47.140	50.000	-5.7
Methoxychlor	6.745	6.645	6.845	51.200	50.000	2.4
Tetrachloro-m-xylene	2.874	2.775	2.975	47.140	50.000	-5.7

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

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

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

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

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

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

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

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

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

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

Client Sample No. (PEM): PEM - PD090723.D Date Analyzed: 10/21/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:58

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.067	8.970	9.170	22.510	20.000	12.6
Tetrachloro-m-xylene	3.545	3.490	3.600	23.300	20.000	16.5
alpha-BHC	3.994	3.940	4.040	9.920	10.000	-0.8
beta-BHC	4.512	4.460	4.560	11.380	10.000	13.8
gamma-BHC (Lindane)	4.325	4.270	4.380	10.370	10.000	3.7
Endrin	6.569	6.500	6.640	56.280	50.000	12.6
4,4'-DDT	7.017	6.950	7.090	113.550	100.000	13.6
Methoxychlor	7.490	7.420	7.560	259.780	250.000	3.9

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

Client Sample No. (PEM): PEM - PD090723.D Date Analyzed: 10/21/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:58

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.061	7.960	8.160	24.270	20.000	21.4
Tetrachloro-m-xylene	2.873	2.820	2.920	23.630	20.000	18.2
alpha-BHC	3.385	3.330	3.440	11.580	10.000	15.8
beta-BHC	4.018	3.970	4.070	11.390	10.000	13.9
gamma-BHC (Lindane)	3.721	3.670	3.770	11.700	10.000	17.0
Endrin	5.779	5.710	5.850	54.950	50.000	9.9
4,4'-DDT	6.173	6.100	6.240	112.860	100.000	12.9
Methoxychlor	6.744	6.670	6.810	229.670	250.000	-8.1

Analytical Sequence

Client: AECOM	SDG No.: Q3376
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069.	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
LBLK	LBLK	10/21/2025	09:44	PD090722.D	9.07	3.54
PEM	PEM	10/21/2025	09:58	PD090723.D	9.07	3.55
PSTDCCC050	PSTDCCC050	10/21/2025	12:40	PD090724.D	9.08	3.55
PB170179BL	PB170179BL	10/21/2025	14:44	PD090725.D	9.08	3.55
PB170179BS	PB170179BS	10/21/2025	14:58	PD090726.D	9.07	3.54
41-LBMS	Q3402-07MS	10/21/2025	15:59	PD090730.D	9.07	3.54
41-LBMSD	Q3402-07MSD	10/21/2025	16:13	PD090731.D	9.07	3.54
LBLK	LBLK	10/21/2025	16:27	PD090732.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/21/2025	16:40	PD090733.D	9.07	3.54
PR132-S05-057082-20251016	Q3376-01	10/21/2025	17:35	PD090737.D	9.07	3.54
PR132-DP01-20251016	Q3376-02	10/21/2025	17:48	PD090738.D	9.07	3.54
PR132-COMP2-20251016	Q3376-03	10/21/2025	18:02	PD090739.D	9.07	3.54
PR132-S12-047072-20251016	Q3376-04	10/21/2025	18:16	PD090740.D	9.07	3.54
PR132-S12-020047-20251016	Q3376-05	10/21/2025	18:29	PD090741.D	9.07	3.54
LBLK	LBLK	10/21/2025	19:10	PD090744.D	9.07	3.55
PSTDCCC050	PSTDCCC050	10/21/2025	19:38	PD090746.D	9.07	3.54

Analytical Sequence

Client: AECOM	SDG No.: Q3376
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069.	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
LBLK	LBLK	10/21/2025	09:44	PD090722.D	8.06	2.87
PEM	PEM	10/21/2025	09:58	PD090723.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/21/2025	12:40	PD090724.D	8.06	2.87
PB170179BL	PB170179BL	10/21/2025	14:44	PD090725.D	8.06	2.87
PB170179BS	PB170179BS	10/21/2025	14:58	PD090726.D	8.06	2.87
41-LBMS	Q3402-07MS	10/21/2025	15:59	PD090730.D	8.06	2.87
41-LBMSD	Q3402-07MSD	10/21/2025	16:13	PD090731.D	8.06	2.87
LBLK	LBLK	10/21/2025	16:27	PD090732.D	8.06	2.88
PSTDCCC050	PSTDCCC050	10/21/2025	16:40	PD090733.D	8.06	2.87
PR132-S05-057082-20251016	Q3376-01	10/21/2025	17:35	PD090737.D	8.06	2.87
PR132-DP01-20251016	Q3376-02	10/21/2025	17:48	PD090738.D	8.06	2.87
PR132-COMP2-20251016	Q3376-03	10/21/2025	18:02	PD090739.D	8.06	2.87
PR132-S12-047072-20251016	Q3376-04	10/21/2025	18:16	PD090740.D	8.06	2.87
PR132-S12-020047-20251016	Q3376-05	10/21/2025	18:29	PD090741.D	8.06	2.87
LBLK	LBLK	10/21/2025	19:10	PD090744.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/21/2025	19:38	PD090746.D	8.06	2.87

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

41-LBMS

Lab Name: Alliance

Contract: AEEO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3402-07MS

Date(s) Analyzed: 10/21/2025 10/21/2025

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		
beta-BHC	1	4.51	4.46	4.56	23.3	1.3
	2	4.02	3.97	4.07	23.6	
delta-BHC	1	4.76	4.71	4.81	24.8	3.3
	2	4.25	4.20	4.30	24.0	
Heptachlor epoxide	1	5.69	5.64	5.74	24.2	0.8
	2	4.86	4.81	4.91	24.0	
Endosulfan I	1	6.07	6.02	6.12	23.9	0.4
	2	5.24	5.19	5.29	23.8	
gamma-Chlordane	1	5.94	5.89	5.99	23.7	2.9
	2	5.12	5.07	5.17	24.4	
alpha-Chlordane	1	6.02	5.97	6.07	23.2	4.6
	2	5.18	5.13	5.23	24.3	
4,4'-DDE	1	6.19	6.14	6.24	23.6	2.1
	2	5.37	5.32	5.42	24.1	
Dieldrin	1	6.34	6.29	6.39	24.3	0
	2	5.50	5.45	5.55	24.3	
Endrin	1	6.57	6.52	6.62	24.3	0
	2	5.78	5.73	5.83	24.3	
Endosulfan II	1	6.78	6.73	6.83	23.8	2.9
	2	6.07	6.02	6.12	24.5	
4,4'-DDD	1	6.70	6.65	6.75	24.6	6.7
	2	5.92	5.87	5.97	23.0	
4,4'-DDT	1	7.02	6.97	7.07	24.8	2
	2	6.17	6.12	6.22	25.3	
Endrin aldehyde	1	6.91	6.86	6.96	23.8	1.7
	2	6.25	6.20	6.30	24.2	
Endosulfan sulfate	1	7.15	7.10	7.20	23.5	3.8
	2	6.47	6.42	6.52	24.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

41-LBMS

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3402-07MS

Date(s) Analyzed: 10/21/2025 10/21/2025

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		
Methoxychlor	1	7.49	7.44	7.54	24.2	2.4
	2	6.75	6.70	6.80	24.8	
Endrin ketone	1	7.63	7.58	7.68	24.0	3.3
	2	6.98	6.93	7.03	24.8	
alpha-BHC	1	3.99	3.94	4.04	24.7	2.9
	2	3.39	3.34	3.44	24.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	24.0	0
	2	3.72	3.67	3.77	24.0	
Heptachlor	1	4.92	4.87	4.97	27.9	14.2
	2	4.08	4.03	4.13	24.2	
Aldrin	1	5.26	5.21	5.31	24.1	0
	2	4.36	4.31	4.41	24.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

41-LBMSD

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3402-07MSD

Date(s) Analyzed: 10/21/2025 10/21/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.78	6.73	6.83	23.8	2.9
	2	6.07	6.02	6.12	24.5	
4,4'-DDD	1	6.70	6.65	6.75	24.6	6.7
	2	5.92	5.87	5.97	23.0	
4,4'-DDT	1	7.02	6.97	7.07	24.9	2
	2	6.17	6.12	6.22	25.4	
Endrin aldehyde	1	6.91	6.86	6.96	23.9	2.5
	2	6.25	6.20	6.30	24.5	
Endosulfan sulfate	1	7.15	7.10	7.20	23.4	4.6
	2	6.47	6.42	6.52	24.5	
Methoxychlor	1	7.49	7.44	7.54	24.4	1.6
	2	6.75	6.70	6.80	24.8	
Endrin ketone	1	7.63	7.58	7.68	24.1	2.9
	2	6.98	6.93	7.03	24.8	
alpha-BHC	1	3.99	3.94	4.04	24.6	2.5
	2	3.39	3.34	3.44	24.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	23.9	0.4
	2	3.72	3.67	3.77	24.0	
Heptachlor	1	4.92	4.87	4.97	28.0	14.1
	2	4.08	4.03	4.13	24.3	
Aldrin	1	5.26	5.21	5.31	24.1	0
	2	4.36	4.31	4.41	24.1	
beta-BHC	1	4.51	4.46	4.56	23.2	2.1
	2	4.02	3.97	4.07	23.7	
delta-BHC	1	4.76	4.71	4.81	24.6	2.5
	2	4.26	4.21	4.31	24.0	
Heptachlor epoxide	1	5.68	5.63	5.73	24.2	1.2
	2	4.86	4.81	4.91	23.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

41-LBMSD

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3402-07MSD

Date(s) Analyzed: 10/21/2025 10/21/2025

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	23.9	0.4
	2	5.24	5.19	5.29	23.8	
gamma-Chlordane	1	5.94	5.89	5.99	23.8	2.5
	2	5.12	5.07	5.17	24.4	
alpha-Chlordane	1	6.02	5.97	6.07	23.0	5.5
	2	5.18	5.13	5.23	24.3	
4,4'-DDE	1	6.19	6.14	6.24	23.5	2.5
	2	5.37	5.32	5.42	24.1	
Dieldrin	1	6.34	6.29	6.39	24.3	0.4
	2	5.50	5.45	5.55	24.4	
Endrin	1	6.57	6.52	6.62	24.3	0
	2	5.78	5.73	5.83	24.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170179BS

Lab Name: Alliance

Contract: AEEO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: PB170179BS

Date(s) Analyzed: 10/21/2025 10/21/2025

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	15.4	1.3
	2	5.92	5.87	5.97	15.2	
4,4'-DDE	1	6.19	6.14	6.24	14.6	4
	2	5.36	5.31	5.41	15.2	
4,4'-DDT	1	7.02	6.97	7.07	15.9	1.9
	2	6.17	6.12	6.22	16.2	
alpha-BHC	1	3.99	3.94	4.04	14.8	0.7
	2	3.39	3.34	3.44	14.7	
Aldrin	1	5.26	5.21	5.31	14.9	0
	2	4.36	4.31	4.41	14.9	
alpha-Chlordane	1	6.02	5.97	6.07	14.4	4.7
	2	5.18	5.13	5.23	15.1	
Endosulfan II	1	6.78	6.73	6.83	15.1	2
	2	6.07	6.02	6.12	15.4	
Endosulfan sulfate	1	7.15	7.10	7.20	14.9	4.6
	2	6.47	6.42	6.52	15.6	
beta-BHC	1	4.51	4.46	4.56	14.6	1.4
	2	4.02	3.97	4.07	14.8	
delta-BHC	1	4.76	4.71	4.81	15.0	0
	2	4.25	4.20	4.30	15.0	
Endosulfan I	1	6.07	6.02	6.12	14.9	0.7
	2	5.24	5.19	5.29	14.8	
Dieldrin	1	6.34	6.29	6.39	15.1	1.3
	2	5.50	5.45	5.55	15.3	
Endrin aldehyde	1	6.91	6.86	6.96	15.4	2.6
	2	6.25	6.20	6.30	15.8	
Methoxychlor	1	7.49	7.44	7.54	15.6	2.5
	2	6.74	6.69	6.79	16.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170179BS

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: PB170179BS

Date(s) Analyzed: 10/21/2025 10/21/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	15.1	4.5
	2	6.98	6.93	7.03	15.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.7	1.4
	2	3.72	3.67	3.77	14.9	
Heptachlor	1	4.92	4.87	4.97	17.5	14.7
	2	4.07	4.02	4.12	15.1	
Heptachlor epoxide	1	5.69	5.64	5.74	15.1	2
	2	4.86	4.81	4.91	14.8	
gamma-Chlordane	1	5.94	5.89	5.99	14.8	2
	2	5.12	5.07	5.17	15.1	
Endrin	1	6.57	6.52	6.62	15.1	0.7
	2	5.78	5.73	5.83	15.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PR132-COMP2-20251016

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3376-03

Date(s) Analyzed: 10/21/2025 10/21/2025

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'-DDE	1	6.19	6.14	6.24	1.10	41.7
	2	5.37	5.32	5.42	0.72	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PR132-DP01-20251016

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3376-02

Date(s) Analyzed: 10/21/2025 10/21/2025

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	2.50	32.6
	2	5.92	5.87	5.97	1.80	
4,4'-DDE	1	6.19	6.14	6.24	11.7	47.6
	2	5.37	5.32	5.42	7.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PR132-S05-057082-20251016

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3376-01

Date(s) Analyzed: 10/21/2025 10/21/2025

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	2.30	35.9
	2	5.92	5.87	5.97	1.60	
4,4'-DDE	1	6.19	6.14	6.24	14.0	44.5
	2	5.37	5.32	5.42	8.90	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PR132-S12-020047-20251016

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3376-05

Date(s) Analyzed: 10/21/2025 10/21/2025

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'-DDE	1	6.19	6.14	6.24	0.34	17.3
	2	5.37	5.32	5.42	0.29	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PR132-S12-047072-20251016

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab Sample ID: Q3376-04

Date(s) Analyzed: 10/21/2025 10/21/2025

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'-DDE	1	6.19	6.14	6.24	6.30	25
	2	5.37	5.32	5.42	4.90	