

LAB CHRONICLE

OrderID:	Q3375	OrderDate:	10/17/2025 10:32:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Contact:	Rob Forstner	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3375-01	PR132-S02-074099-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-02	PR132-S04-000013-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-03	PR132-S05-000057-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-04	PR132-S02-010074-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-05	PR132-DP02-2025101 6	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	

Hit Summary Sheet
SW-846

SDG No.: Q3375

Order ID: Q3375

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-S05-000057-20251016								
Q3375-03	PR132-S05-000057-20	SOIL	Dieldrin	0.77	JP	0.21	2.50	ug/kg
Q3375-03	PR132-S05-000057-20	SOIL	4,4-DDE	1.60	J	0.21	2.50	ug/kg
Q3375-03	PR132-S05-000057-20	SOIL	4,4-DDD	0.88	J	0.22	2.50	ug/kg
Q3375-03	PR132-S05-000057-20	SOIL	alpha-Chlordane	0.30	J	0.18	2.50	ug/kg
Q3375-03	PR132-S05-000057-20	SOIL	gamma-Chlordane	0.37	J	0.22	2.50	ug/kg
Total Concentration:				3.920				
Client ID : PR132-DP02-20251016								
Q3375-05	PR132-DP02-2025101	SOIL	Dieldrin	1.10	JP	0.21	2.50	ug/kg
Q3375-05	PR132-DP02-2025101	SOIL	4,4-DDE	2.70	P	0.21	2.50	ug/kg
Q3375-05	PR132-DP02-2025101	SOIL	4,4-DDD	3.50		0.22	2.50	ug/kg
Q3375-05	PR132-DP02-2025101	SOIL	alpha-Chlordane	0.57	JP	0.18	2.50	ug/kg
Q3375-05	PR132-DP02-2025101	SOIL	gamma-Chlordane	0.77	J	0.22	2.50	ug/kg
Total Concentration:				8.640				



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-S02-074099-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-01		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	69.2
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	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	10/20/25 19:50	PB170163
319-85-7	beta-BHC	2.50	U	1	0.26	2.50	ug/kg	10/20/25 19:50	PB170163
319-86-8	delta-BHC	2.50	U	1	0.56	2.50	ug/kg	10/20/25 19:50	PB170163
58-89-9	gamma-BHC (Lindane)	2.50	U	1	0.20	2.50	ug/kg	10/20/25 19:50	PB170163
76-44-8	Heptachlor	2.50	U	1	0.17	2.50	ug/kg	10/20/25 19:50	PB170163
309-00-2	Aldrin	2.50	U	1	0.17	2.50	ug/kg	10/20/25 19:50	PB170163
1024-57-3	Heptachlor epoxide	2.50	U	1	0.27	2.50	ug/kg	10/20/25 19:50	PB170163
959-98-8	Endosulfan I	2.50	U	1	0.20	2.50	ug/kg	10/20/25 19:50	PB170163
60-57-1	Dieldrin	2.50	U	1	0.20	2.50	ug/kg	10/20/25 19:50	PB170163
72-55-9	4,4-DDE	2.50	U	1	0.20	2.50	ug/kg	10/20/25 19:50	PB170163
72-20-8	Endrin	2.50	U	1	0.20	2.50	ug/kg	10/20/25 19:50	PB170163
33213-65-9	Endosulfan II	2.50	U	1	0.42	2.50	ug/kg	10/20/25 19:50	PB170163
72-54-8	4,4-DDD	2.50	U	1	0.22	2.50	ug/kg	10/20/25 19:50	PB170163
1031-07-8	Endosulfan Sulfate	2.50	U	1	0.19	2.50	ug/kg	10/20/25 19:50	PB170163
50-29-3	4,4-DDT	2.50	U	1	0.20	2.50	ug/kg	10/20/25 19:50	PB170163
72-43-5	Methoxychlor	2.50	U	1	0.53	2.50	ug/kg	10/20/25 19:50	PB170163
53494-70-5	Endrin ketone	2.50	U	1	0.27	2.50	ug/kg	10/20/25 19:50	PB170163
7421-93-4	Endrin aldehyde	2.50	U	1	0.53	2.50	ug/kg	10/20/25 19:50	PB170163
5103-71-9	alpha-Chlordane	2.50	U	1	0.17	2.50	ug/kg	10/20/25 19:50	PB170163
5103-74-2	gamma-Chlordane	2.50	U	1	0.22	2.50	ug/kg	10/20/25 19:50	PB170163
8001-35-2	Toxaphene	47.7	U	1	7.80	47.7	ug/kg	10/20/25 19:50	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	10.5			20 - 144	52%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	15.8			19 - 148	79%	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-S04-000013-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-02		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	74.7
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	2.30	U	1	0.17	2.30	ug/kg	10/20/25 20:04	PB170163
319-85-7	beta-BHC	2.30	U	1	0.24	2.30	ug/kg	10/20/25 20:04	PB170163
319-86-8	delta-BHC	2.30	U	1	0.52	2.30	ug/kg	10/20/25 20:04	PB170163
58-89-9	gamma-BHC (Lindane)	2.30	U	1	0.19	2.30	ug/kg	10/20/25 20:04	PB170163
76-44-8	Heptachlor	2.30	U	1	0.16	2.30	ug/kg	10/20/25 20:04	PB170163
309-00-2	Aldrin	2.30	U	1	0.16	2.30	ug/kg	10/20/25 20:04	PB170163
1024-57-3	Heptachlor epoxide	2.30	U	1	0.25	2.30	ug/kg	10/20/25 20:04	PB170163
959-98-8	Endosulfan I	2.30	U	1	0.19	2.30	ug/kg	10/20/25 20:04	PB170163
60-57-1	Dieldrin	2.30	U	1	0.19	2.30	ug/kg	10/20/25 20:04	PB170163
72-55-9	4,4-DDE	2.30	U	1	0.19	2.30	ug/kg	10/20/25 20:04	PB170163
72-20-8	Endrin	2.30	U	1	0.19	2.30	ug/kg	10/20/25 20:04	PB170163
33213-65-9	Endosulfan II	2.30	U	1	0.39	2.30	ug/kg	10/20/25 20:04	PB170163
72-54-8	4,4-DDD	2.30	U	1	0.20	2.30	ug/kg	10/20/25 20:04	PB170163
1031-07-8	Endosulfan Sulfate	2.30	U	1	0.17	2.30	ug/kg	10/20/25 20:04	PB170163
50-29-3	4,4-DDT	2.30	U	1	0.19	2.30	ug/kg	10/20/25 20:04	PB170163
72-43-5	Methoxychlor	2.30	U	1	0.49	2.30	ug/kg	10/20/25 20:04	PB170163
53494-70-5	Endrin ketone	2.30	U	1	0.25	2.30	ug/kg	10/20/25 20:04	PB170163
7421-93-4	Endrin aldehyde	2.30	U	1	0.49	2.30	ug/kg	10/20/25 20:04	PB170163
5103-71-9	alpha-Chlordane	2.30	U	1	0.16	2.30	ug/kg	10/20/25 20:04	PB170163
5103-74-2	gamma-Chlordane	2.30	U	1	0.20	2.30	ug/kg	10/20/25 20:04	PB170163
8001-35-2	Toxaphene	44.1	U	1	7.20	44.1	ug/kg	10/20/25 20:04	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	10.9			20 - 144	55%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.4			19 - 148	87%	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-S05-000057-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-03		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	66.7
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	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	10/20/25 20:17	PB170163
319-85-7	beta-BHC	2.50	U	1	0.27	2.50	ug/kg	10/20/25 20:17	PB170163
319-86-8	delta-BHC	2.50	U	1	0.58	2.50	ug/kg	10/20/25 20:17	PB170163
58-89-9	gamma-BHC (Lindane)	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:17	PB170163
76-44-8	Heptachlor	2.50	U	1	0.18	2.50	ug/kg	10/20/25 20:17	PB170163
309-00-2	Aldrin	2.50	U	1	0.18	2.50	ug/kg	10/20/25 20:17	PB170163
1024-57-3	Heptachlor epoxide	2.50	U	1	0.28	2.50	ug/kg	10/20/25 20:17	PB170163
959-98-8	Endosulfan I	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:17	PB170163
60-57-1	Dieldrin	0.77	JP	1	0.21	2.50	ug/kg	10/20/25 20:17	PB170163
72-55-9	4,4-DDE	1.60	J	1	0.21	2.50	ug/kg	10/20/25 20:17	PB170163
72-20-8	Endrin	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:17	PB170163
33213-65-9	Endosulfan II	2.50	U	1	0.43	2.50	ug/kg	10/20/25 20:17	PB170163
72-54-8	4,4-DDD	0.88	J	1	0.22	2.50	ug/kg	10/20/25 20:17	PB170163
1031-07-8	Endosulfan Sulfate	2.50	U	1	0.19	2.50	ug/kg	10/20/25 20:17	PB170163
50-29-3	4,4-DDT	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:17	PB170163
72-43-5	Methoxychlor	2.50	U	1	0.55	2.50	ug/kg	10/20/25 20:17	PB170163
53494-70-5	Endrin ketone	2.50	U	1	0.28	2.50	ug/kg	10/20/25 20:17	PB170163
7421-93-4	Endrin aldehyde	2.50	U	1	0.55	2.50	ug/kg	10/20/25 20:17	PB170163
5103-71-9	alpha-Chlordane	0.30	J	1	0.18	2.50	ug/kg	10/20/25 20:17	PB170163
5103-74-2	gamma-Chlordane	0.37	J	1	0.22	2.50	ug/kg	10/20/25 20:17	PB170163
8001-35-2	Toxaphene	49.3	U	1	8.10	49.3	ug/kg	10/20/25 20:17	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.7			20 - 144	59%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.2			19 - 148	71%	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-S02-010074-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-04		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	55.3
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	3.10	U	1	0.23	3.10	ug/kg	10/20/25 20:31	PB170163
319-85-7	beta-BHC	3.10	U	1	0.33	3.10	ug/kg	10/20/25 20:31	PB170163
319-86-8	delta-BHC	3.10	U	1	0.70	3.10	ug/kg	10/20/25 20:31	PB170163
58-89-9	gamma-BHC (Lindane)	3.10	U	1	0.25	3.10	ug/kg	10/20/25 20:31	PB170163
76-44-8	Heptachlor	3.10	U	1	0.22	3.10	ug/kg	10/20/25 20:31	PB170163
309-00-2	Aldrin	3.10	U	1	0.22	3.10	ug/kg	10/20/25 20:31	PB170163
1024-57-3	Heptachlor epoxide	3.10	U	1	0.34	3.10	ug/kg	10/20/25 20:31	PB170163
959-98-8	Endosulfan I	3.10	U	1	0.25	3.10	ug/kg	10/20/25 20:31	PB170163
60-57-1	Dieldrin	3.10	U	1	0.25	3.10	ug/kg	10/20/25 20:31	PB170163
72-55-9	4,4-DDE	3.10	U	1	0.25	3.10	ug/kg	10/20/25 20:31	PB170163
72-20-8	Endrin	3.10	U	1	0.25	3.10	ug/kg	10/20/25 20:31	PB170163
33213-65-9	Endosulfan II	3.10	U	1	0.52	3.10	ug/kg	10/20/25 20:31	PB170163
72-54-8	4,4-DDD	3.10	U	1	0.27	3.10	ug/kg	10/20/25 20:31	PB170163
1031-07-8	Endosulfan Sulfate	3.10	U	1	0.23	3.10	ug/kg	10/20/25 20:31	PB170163
50-29-3	4,4-DDT	3.10	U	1	0.25	3.10	ug/kg	10/20/25 20:31	PB170163
72-43-5	Methoxychlor	3.10	U	1	0.67	3.10	ug/kg	10/20/25 20:31	PB170163
53494-70-5	Endrin ketone	3.10	U	1	0.34	3.10	ug/kg	10/20/25 20:31	PB170163
7421-93-4	Endrin aldehyde	3.10	U	1	0.67	3.10	ug/kg	10/20/25 20:31	PB170163
5103-71-9	alpha-Chlordane	3.10	U	1	0.22	3.10	ug/kg	10/20/25 20:31	PB170163
5103-74-2	gamma-Chlordane	3.10	U	1	0.27	3.10	ug/kg	10/20/25 20:31	PB170163
8001-35-2	Toxaphene	59.6	U	1	9.80	59.6	ug/kg	10/20/25 20:31	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.0			20 - 144	65%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.1			19 - 148	80%	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-DP02-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-05		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	66.7
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	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	10/20/25 20:44	PB170163
319-85-7	beta-BHC	2.50	U	1	0.27	2.50	ug/kg	10/20/25 20:44	PB170163
319-86-8	delta-BHC	2.50	U	1	0.58	2.50	ug/kg	10/20/25 20:44	PB170163
58-89-9	gamma-BHC (Lindane)	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:44	PB170163
76-44-8	Heptachlor	2.50	U	1	0.18	2.50	ug/kg	10/20/25 20:44	PB170163
309-00-2	Aldrin	2.50	U	1	0.18	2.50	ug/kg	10/20/25 20:44	PB170163
1024-57-3	Heptachlor epoxide	2.50	U	1	0.28	2.50	ug/kg	10/20/25 20:44	PB170163
959-98-8	Endosulfan I	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:44	PB170163
60-57-1	Dieldrin	1.10	JP	1	0.21	2.50	ug/kg	10/20/25 20:44	PB170163
72-55-9	4,4-DDE	2.70	P	1	0.21	2.50	ug/kg	10/20/25 20:44	PB170163
72-20-8	Endrin	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:44	PB170163
33213-65-9	Endosulfan II	2.50	U	1	0.43	2.50	ug/kg	10/20/25 20:44	PB170163
72-54-8	4,4-DDD	3.50		1	0.22	2.50	ug/kg	10/20/25 20:44	PB170163
1031-07-8	Endosulfan Sulfate	2.50	U	1	0.19	2.50	ug/kg	10/20/25 20:44	PB170163
50-29-3	4,4-DDT	2.50	U	1	0.21	2.50	ug/kg	10/20/25 20:44	PB170163
72-43-5	Methoxychlor	2.50	U	1	0.55	2.50	ug/kg	10/20/25 20:44	PB170163
53494-70-5	Endrin ketone	2.50	U	1	0.28	2.50	ug/kg	10/20/25 20:44	PB170163
7421-93-4	Endrin aldehyde	2.50	U	1	0.55	2.50	ug/kg	10/20/25 20:44	PB170163
5103-71-9	alpha-Chlordane	0.57	JP	1	0.18	2.50	ug/kg	10/20/25 20:44	PB170163
5103-74-2	gamma-Chlordane	0.77	J	1	0.22	2.50	ug/kg	10/20/25 20:44	PB170163
8001-35-2	Toxaphene	49.4	U	1	8.10	49.4	ug/kg	10/20/25 20:44	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.1			20 - 144	65%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	15.3			19 - 148	76%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q3375

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-PD090690.D	PIBLK-PD090690.D	Decachlorobiphen	1	20	22.4	112		57	171
		Tetrachloro-m-xyl	1	20	23.4	117		61	148
		Decachlorobiphen	2	20	21.9	109		57	171
		Tetrachloro-m-xyl	2	20	23.5	118		61	148
PB170163BL	PB170163BL	Decachlorobiphen	1	20	20.8	104		20	144
		Tetrachloro-m-xyl	1	20	20.0	100		19	148
		Decachlorobiphen	2	20	19.9	100		20	144
		Tetrachloro-m-xyl	2	20	20.6	103		19	148
PB170163BS	PB170163BS	Decachlorobiphen	1	20	20.7	103		20	144
		Tetrachloro-m-xyl	1	20	16.5	83		19	148
		Decachlorobiphen	2	20	20.1	101		20	144
		Tetrachloro-m-xyl	2	20	16.8	84		19	148
I.BLK-PD090703.D	PIBLK-PD090703.D	Decachlorobiphen	1	20	21.8	109		57	171
		Tetrachloro-m-xyl	1	20	22.8	114		61	148
		Decachlorobiphen	2	20	18.8	94		57	171
		Tetrachloro-m-xyl	2	20	22.7	113		61	148
Q3374-05MS	TP-5-WCMS	Decachlorobiphen	1	20	17.0	85		20	144
		Tetrachloro-m-xyl	1	20	18.7	94		19	148
		Decachlorobiphen	2	20	16.4	82		20	144
		Tetrachloro-m-xyl	2	20	19.4	97		19	148
Q3374-05MSD	TP-5-WCMSD	Decachlorobiphen	1	20	18.6	93		20	144
		Tetrachloro-m-xyl	1	20	18.9	95		19	148
		Decachlorobiphen	2	20	17.0	85		20	144
		Tetrachloro-m-xyl	2	20	19.7	99		19	148
I.BLK-PD090711.D	PIBLK-PD090711.D	Decachlorobiphen	1	20	20.1	100		57	171
		Tetrachloro-m-xyl	1	20	20.5	102		61	148
		Decachlorobiphen	2	20	18.9	94		57	171
		Tetrachloro-m-xyl	2	20	20.4	102		61	148
Q3375-01	PR132-S02-074099-20251016	Decachlorobiphen	1	20	10.5	52		20	144
		Tetrachloro-m-xyl	1	20	15.6	78		19	148
		Decachlorobiphen	2	20	9.23	46		20	144
		Tetrachloro-m-xyl	2	20	15.8	79		19	148
Q3375-02	PR132-S04-000013-20251016	Decachlorobiphen	1	20	10.9	55		20	144
		Tetrachloro-m-xyl	1	20	17.4	87		19	148
		Decachlorobiphen	2	20	10.3	52		20	144
		Tetrachloro-m-xyl	2	20	17.4	87		19	148
Q3375-03	PR132-S05-000057-20251016	Decachlorobiphen	1	20	11.7	59		20	144

Surrogate Summary

SDG No.: Q3375

Client: AECOM

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3375-03	PR132-S05-000057-20251016	Tetrachloro-m-xyl	1	20	14.2	71		19	148
		Decachlorobiphen	2	20	10.4	52		20	144
		Tetrachloro-m-xyl	2	20	13.6	68		19	148
Q3375-04	PR132-S02-010074-20251016	Decachlorobiphen	1	20	13.0	65		20	144
		Tetrachloro-m-xyl	1	20	16.1	80		19	148
		Decachlorobiphen	2	20	11.6	58		20	144
		Tetrachloro-m-xyl	2	20	16.0	80		19	148
Q3375-05	PR132-DP02-20251016	Decachlorobiphen	1	20	13.1	65		20	144
		Tetrachloro-m-xyl	1	20	15.3	76		19	148
		Decachlorobiphen	2	20	11.3	57		20	144
		Tetrachloro-m-xyl	2	20	15.0	75		19	148
I.BLK-PD090719.D	PIBLK-PD090719.D	Decachlorobiphen	1	20	20.3	102		57	171
		Tetrachloro-m-xyl	1	20	21.1	105		61	148
		Decachlorobiphen	2	20	19.5	97		57	171
		Tetrachloro-m-xyl	2	20	20.6	103		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090707.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Low	Limits		RPD
			Result				Qual	RPD	Qual		High		
Lab Sample ID:	Q3374-05MS	Client Sample ID:		TP-5-WCMS									
	(Column 1)												
	alpha-BHC	17.88	0	17.7	ug/kg	99				60		144	
	beta-BHC	17.88	0	17.3	ug/kg	97				54		143	
	delta-BHC	17.88	0	17.6	ug/kg	98				29		151	
	gamma-BHC (Lindane)	17.88	0	17.5	ug/kg	98				61		140	
	Heptachlor	17.88	0	17.8	ug/kg	100				63		135	
	Aldrin	17.88	0	17.4	ug/kg	97				49		139	
	Heptachlor epoxide	17.88	0	17.3	ug/kg	97				41		156	
	Endosulfan I	17.88	0	17.1	ug/kg	96				56		142	
	Dieldrin	17.88	0	17.2	ug/kg	96				47		161	
	4,4'-DDE	17.88	0	17.2	ug/kg	96				55		136	
	Endrin	17.88	0	17.3	ug/kg	97				57		139	
	Endosulfan II	17.88	0	13.4	ug/kg	75				40		163	
	4,4'-DDD	17.88	0	17.9	ug/kg	100				47		163	
	Endosulfan sulfate	17.88	0	16.4	ug/kg	92				62		139	
	4,4'-DDT	17.88	0	17.8	ug/kg	100				51		146	
	Methoxychlor	17.88	0	16.9	ug/kg	95				54		136	
	Endrin ketone	17.88	0	16.7	ug/kg	93				60		129	
	Endrin aldehyde	17.88	0	16.5	ug/kg	92				59		132	
	alpha-Chlordane	17.88	0	16.5	ug/kg	92				39		166	
	gamma-Chlordane	17.88	0	16.7	ug/kg	93				44		175	
Lab Sample ID:	Q3374-05MS	Client Sample ID:		TP-5-WCMS									
	(Column 2)												
	alpha-BHC	17.88	0	16.7	ug/kg	93				60		144	
	beta-BHC	17.88	0	16.8	ug/kg	94				54		143	
	delta-BHC	17.88	0	16.6	ug/kg	93				29		151	
	gamma-BHC (Lindane)	17.88	0	16.6	ug/kg	93				61		140	
	Heptachlor	17.88	0	16.6	ug/kg	93				63		135	
	Aldrin	17.88	0	16.8	ug/kg	94				49		139	
	Heptachlor epoxide	17.88	0	16.3	ug/kg	91				41		156	
	Endosulfan I	17.88	0	16.7	ug/kg	93				56		142	
	Dieldrin	17.88	0	16.7	ug/kg	93				47		161	
	4,4'-DDE	17.88	0	16.7	ug/kg	93				55		136	
	Endrin	17.88	0	17.1	ug/kg	96				57		139	
	Endosulfan II	17.88	0	16.5	ug/kg	92				40		163	
	4,4'-DDD	17.88	0	15.5	ug/kg	87				47		163	
	Endosulfan sulfate	17.88	0	16.1	ug/kg	90				62		139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090707.D</u>

Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
		Result	Result			Qual	RPD	Qual	Low	High		
4,4'-DDT	17.88	0	16.9	ug/kg	95					51	146	
Methoxychlor	17.88	0	16.4	ug/kg	92					54	136	
Endrin ketone	17.88	0	16.2	ug/kg	91					60	129	
Endrin aldehyde	17.88	0	16.2	ug/kg	91					59	132	
alpha-Chlordane	17.88	0	16.8	ug/kg	94					39	166	
gamma-Chlordane	17.88	0	16.7	ug/kg	93					44	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090708.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits		RPD
			Result					Qual	RPD		High		
Lab Sample ID:	Q3374-05MSD (Column 1)	Client Sample ID:		TP-5-WCMSD									
	alpha-BHC	17.86	0	18.1	ug/kg	101		2		60	144		20
	beta-BHC	17.86	0	17.5	ug/kg	98		1		54	143		20
	delta-BHC	17.86	0	17.9	ug/kg	100		2		29	151		20
	gamma-BHC (Lindane)	17.86	0	17.8	ug/kg	100		2		61	140		20
	Heptachlor	17.86	0	18.0	ug/kg	101		1		63	135		20
	Aldrin	17.86	0	17.7	ug/kg	99		2		49	139		20
	Heptachlor epoxide	17.86	0	17.5	ug/kg	98		1		41	156		20
	Endosulfan I	17.86	0	17.4	ug/kg	97		1		56	142		20
	Dieldrin	17.86	0	17.5	ug/kg	98		2		47	161		20
	4,4'-DDE	17.86	0	17.5	ug/kg	98		2		55	136		20
	Endrin	17.86	0	17.6	ug/kg	99		2		57	139		20
	Endosulfan II	17.86	0	13.7	ug/kg	77		3		40	163		20
	4,4'-DDD	17.86	0	18.3	ug/kg	102		2		47	163		20
	Endosulfan sulfate	17.86	0	16.6	ug/kg	93		1		62	139		20
	4,4'-DDT	17.86	0	17.9	ug/kg	100		0		51	146		20
	Methoxychlor	17.86	0	17.2	ug/kg	96		1		54	136		20
	Endrin ketone	17.86	0	17.0	ug/kg	95		2		60	129		20
	Endrin aldehyde	17.86	0	17.0	ug/kg	95		3		59	132		20
	alpha-Chlordane	17.86	0	16.7	ug/kg	94		2		39	166		20
	gamma-Chlordane	17.86	0	16.9	ug/kg	95		2		44	175		20
Lab Sample ID:	Q3374-05MSD (Column 2)	Client Sample ID:		TP-5-WCMSD									
	alpha-BHC	17.86	0	16.9	ug/kg	95		2		60	144		20
	beta-BHC	17.86	0	17.1	ug/kg	96		2		54	143		20
	delta-BHC	17.86	0	16.9	ug/kg	95		2		29	151		20
	gamma-BHC (Lindane)	17.86	0	16.9	ug/kg	95		2		61	140		20
	Heptachlor	17.86	0	16.8	ug/kg	94		1		63	135		20
	Aldrin	17.86	0	17.0	ug/kg	95		1		49	139		20
	Heptachlor epoxide	17.86	0	16.6	ug/kg	93		2		41	156		20
	Endosulfan I	17.86	0	16.9	ug/kg	95		2		56	142		20
	Dieldrin	17.86	0	16.9	ug/kg	95		2		47	161		20
	4,4'-DDE	17.86	0	16.8	ug/kg	94		1		55	136		20
	Endrin	17.86	0	17.0	ug/kg	95		1		57	139		20
	Endosulfan II	17.86	0	16.7	ug/kg	94		2		40	163		20
	4,4'-DDD	17.86	0	15.6	ug/kg	87		0		47	163		20
	Endosulfan sulfate	17.86	0	16.4	ug/kg	92		2		62	139		20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090708.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits	
		Result	Result				RPD	Qual		High	RPD
4,4'-DDT	17.86	0	17.3	ug/kg	97		2		51	146	20
Methoxychlor	17.86	0	16.7	ug/kg	94		2		54	136	20
Endrin ketone	17.86	0	16.5	ug/kg	92		1		60	129	20
Endrin aldehyde	17.86	0	16.7	ug/kg	94		3		59	132	20
alpha-Chlordane	17.86	0	17.0	ug/kg	95		1		39	166	20
gamma-Chlordane	17.86	0	16.9	ug/kg	95		2		44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	Datafile :	<u>PD090694.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170163BS (Column 1)	alpha-BHC	16.66	17.6	ug/kg	106				84	123		
	beta-BHC	16.66	16.9	ug/kg	101				82	123		
	delta-BHC	16.66	17.4	ug/kg	104				83	126		
	gamma-BHC (Lindane)	16.66	17.4	ug/kg	104				83	125		
	Heptachlor	16.66	20.3	ug/kg	122				83	122		
	Aldrin	16.66	17.4	ug/kg	104				82	124		
	Heptachlor epoxide	16.66	17.6	ug/kg	106				83	120		
	Endosulfan I	16.66	17.4	ug/kg	104				81	124		
	Dieldrin	16.66	17.6	ug/kg	106				85	121		
	4,4'-DDE	16.66	18.1	ug/kg	109				81	123		
	Endrin	16.66	17.9	ug/kg	107				76	130		
	Endosulfan II	16.66	17.5	ug/kg	105				80	125		
	4,4'-DDD	16.66	18.0	ug/kg	108				80	131		
	Endosulfan sulfate	16.66	17.2	ug/kg	103				81	122		
	4,4'-DDT	16.66	19.1	ug/kg	115				70	129		
	Methoxychlor	16.66	18.0	ug/kg	108				60	119		
	Endrin ketone	16.66	17.3	ug/kg	104				77	132		
	Endrin aldehyde	16.66	17.9	ug/kg	107				79	124		
	alpha-Chlordane	16.66	16.8	ug/kg	101				84	120		
	gamma-Chlordane	16.66	17.5	ug/kg	105				83	122		
PB170163BS (Column 2)	alpha-BHC	16.66	16.5	ug/kg	99				84	123		
	beta-BHC	16.66	16.5	ug/kg	99				82	123		
	delta-BHC	16.66	16.7	ug/kg	100				83	126		
	gamma-BHC (Lindane)	16.66	16.7	ug/kg	100				83	125		
	Heptachlor	16.66	16.9	ug/kg	101				83	122		
	Aldrin	16.66	16.7	ug/kg	100				82	124		
	Heptachlor epoxide	16.66	16.6	ug/kg	100				83	120		
	Endosulfan I	16.66	16.5	ug/kg	99				81	124		
	Dieldrin	16.66	17.1	ug/kg	103				85	121		
	4,4'-DDE	16.66	16.9	ug/kg	101				81	123		
	Endrin	16.66	16.9	ug/kg	101				76	130		
	Endosulfan II	16.66	17.1	ug/kg	103				80	125		
	4,4'-DDD	16.66	16.9	ug/kg	101				80	131		
	Endosulfan sulfate	16.66	17.2	ug/kg	103				81	122		
	4,4'-DDT	16.66	18.7	ug/kg	112				70	129		
	Methoxychlor	16.66	18.0	ug/kg	108				60	119		
	Endrin ketone	16.66	17.0	ug/kg	102				77	132		
	Endrin aldehyde	16.66	17.5	ug/kg	105				79	124		
	alpha-Chlordane	16.66	16.9	ug/kg	101				84	120		
	gamma-Chlordane	16.66	16.9	ug/kg	101				83	122		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170163BL

Lab Name: Alliance

Contract: AEC002

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: PB170163BL

Lab File ID: PD090693.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/20/2025

Date Analyzed (1): 10/20/2025

Date Analyzed (2): 10/20/2025

Time Analyzed (1): 13:25

Time Analyzed (2): 13:25

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
PB170163BS	PB170163BS	PD090694.D	10/20/2025	10/20/2025
TP-5-WCMS	Q3374-05MS	PD090707.D	10/20/2025	10/20/2025
TP-5-WCMSD	Q3374-05MSD	PD090708.D	10/20/2025	10/20/2025
PR132-S02-074099-20251016	Q3375-01	PD090714.D	10/20/2025	10/20/2025
PR132-S04-000013-20251016	Q3375-02	PD090715.D	10/20/2025	10/20/2025
PR132-S05-000057-20251016	Q3375-03	PD090716.D	10/20/2025	10/20/2025
PR132-S02-010074-20251016	Q3375-04	PD090717.D	10/20/2025	10/20/2025
PR132-DP02-20251016	Q3375-05	PD090718.D	10/20/2025	10/20/2025

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:	PB170163BL		SDG No.:	Q3375
Lab Sample ID:	PB170163BL		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	Pesticide-TCL

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	10/20/25 13:25	PB170163
319-85-7	beta-BHC	1.70	U	1	0.18	1.70	ug/kg	10/20/25 13:25	PB170163
319-86-8	delta-BHC	1.70	U	1	0.39	1.70	ug/kg	10/20/25 13:25	PB170163
58-89-9	gamma-BHC (Lindane)	1.70	U	1	0.14	1.70	ug/kg	10/20/25 13:25	PB170163
76-44-8	Heptachlor	1.70	U	1	0.12	1.70	ug/kg	10/20/25 13:25	PB170163
309-00-2	Aldrin	1.70	U	1	0.12	1.70	ug/kg	10/20/25 13:25	PB170163
1024-57-3	Heptachlor epoxide	1.70	U	1	0.19	1.70	ug/kg	10/20/25 13:25	PB170163
959-98-8	Endosulfan I	1.70	U	1	0.14	1.70	ug/kg	10/20/25 13:25	PB170163
60-57-1	Dieldrin	1.70	U	1	0.14	1.70	ug/kg	10/20/25 13:25	PB170163
72-55-9	4,4-DDE	1.70	U	1	0.14	1.70	ug/kg	10/20/25 13:25	PB170163
72-20-8	Endrin	1.70	U	1	0.14	1.70	ug/kg	10/20/25 13:25	PB170163
33213-65-9	Endosulfan II	1.70	U	1	0.29	1.70	ug/kg	10/20/25 13:25	PB170163
72-54-8	4,4-DDD	1.70	U	1	0.15	1.70	ug/kg	10/20/25 13:25	PB170163
1031-07-8	Endosulfan Sulfate	1.70	U	1	0.13	1.70	ug/kg	10/20/25 13:25	PB170163
50-29-3	4,4-DDT	1.70	U	1	0.14	1.70	ug/kg	10/20/25 13:25	PB170163
72-43-5	Methoxychlor	1.70	U	1	0.37	1.70	ug/kg	10/20/25 13:25	PB170163
53494-70-5	Endrin ketone	1.70	U	1	0.19	1.70	ug/kg	10/20/25 13:25	PB170163
7421-93-4	Endrin aldehyde	1.70	U	1	0.37	1.70	ug/kg	10/20/25 13:25	PB170163
5103-71-9	alpha-Chlordane	1.70	U	1	0.12	1.70	ug/kg	10/20/25 13:25	PB170163
5103-74-2	gamma-Chlordane	1.70	U	1	0.15	1.70	ug/kg	10/20/25 13:25	PB170163
8001-35-2	Toxaphene	33.0	U	1	5.40	33.0	ug/kg	10/20/25 13:25	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.8			20 - 144	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			19 - 148	103%	SPK: 20		

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* = Values outside of QC limits

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() = 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.:	Q3375
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:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/20/25
Client Sample ID:	PIBLK-PD090690.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PD090690.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	10/20/25	pd102025
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/20/25	pd102025
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/20/25	pd102025
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/20/25	pd102025
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/20/25	pd102025
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/20/25	pd102025
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/20/25	pd102025
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/20/25	pd102025
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/20/25	pd102025
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/20/25	pd102025
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/20/25	pd102025
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.4			57 - 171	112%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.5			61 - 148	118%	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:	PIBLK-PD090703.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PD090703.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	10/20/25	pd102025
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/20/25	pd102025
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/20/25	pd102025
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/20/25	pd102025
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/20/25	pd102025
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/20/25	pd102025
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/20/25	pd102025
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/20/25	pd102025
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/20/25	pd102025
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/20/25	pd102025
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/20/25	pd102025
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.8			57 - 171	109%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.8			61 - 148	114%	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:	PIBLK-PD090711.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PD090711.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	10/20/25	pd102025
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/20/25	pd102025
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/20/25	pd102025
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/20/25	pd102025
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/20/25	pd102025
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/20/25	pd102025
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/20/25	pd102025
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/20/25	pd102025
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/20/25	pd102025
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/20/25	pd102025
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/20/25	pd102025
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.1			57 - 171	100%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			61 - 148	102%	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:	PIBLK-PD090719.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PD090719.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	10/20/25	pd102025
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/20/25	pd102025
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
76-44-8	Heptachlor	0.050	U	1	0.0027	0.050	ug/L	10/20/25	pd102025
309-00-2	Aldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
1024-57-3	Heptachlor epoxide	0.050	U	1	0.0096	0.050	ug/L	10/20/25	pd102025
959-98-8	Endosulfan I	0.050	U	1	0.0031	0.050	ug/L	10/20/25	pd102025
60-57-1	Dieldrin	0.050	U	1	0.0036	0.050	ug/L	10/20/25	pd102025
72-55-9	4,4-DDE	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
72-20-8	Endrin	0.050	U	1	0.0032	0.050	ug/L	10/20/25	pd102025
33213-65-9	Endosulfan II	0.050	U	1	0.0079	0.050	ug/L	10/20/25	pd102025
72-54-8	4,4-DDD	0.050	U	1	0.0071	0.050	ug/L	10/20/25	pd102025
1031-07-8	Endosulfan Sulfate	0.050	U	1	0.0037	0.050	ug/L	10/20/25	pd102025
50-29-3	4,4-DDT	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
72-43-5	Methoxychlor	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
53494-70-5	Endrin ketone	0.050	U	1	0.0093	0.050	ug/L	10/20/25	pd102025
7421-93-4	Endrin aldehyde	0.050	U	1	0.011	0.050	ug/L	10/20/25	pd102025
5103-71-9	alpha-Chlordane	0.050	U	1	0.0035	0.050	ug/L	10/20/25	pd102025
5103-74-2	gamma-Chlordane	0.050	U	1	0.0039	0.050	ug/L	10/20/25	pd102025
8001-35-2	Toxaphene	1.00	U	1	0.17	1.00	ug/L	10/20/25	pd102025
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.3			57 - 171	102%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.1			61 - 148	105%	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:	PB170163BS		SDG No.:	Q3375
Lab Sample ID:	PB170163BS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.6		1	0.13	1.70	ug/kg	10/20/25 14:12	PB170163
319-85-7	beta-BHC	16.9		1	0.18	1.70	ug/kg	10/20/25 14:12	PB170163
319-86-8	delta-BHC	17.4		1	0.39	1.70	ug/kg	10/20/25 14:12	PB170163
58-89-9	gamma-BHC (Lindane)	17.4		1	0.14	1.70	ug/kg	10/20/25 14:12	PB170163
76-44-8	Heptachlor	20.3		1	0.12	1.70	ug/kg	10/20/25 14:12	PB170163
309-00-2	Aldrin	17.4		1	0.12	1.70	ug/kg	10/20/25 14:12	PB170163
1024-57-3	Heptachlor epoxide	17.6		1	0.19	1.70	ug/kg	10/20/25 14:12	PB170163
959-98-8	Endosulfan I	17.4		1	0.14	1.70	ug/kg	10/20/25 14:12	PB170163
60-57-1	Dieldrin	17.6		1	0.14	1.70	ug/kg	10/20/25 14:12	PB170163
72-55-9	4,4-DDE	18.1		1	0.14	1.70	ug/kg	10/20/25 14:12	PB170163
72-20-8	Endrin	17.9		1	0.14	1.70	ug/kg	10/20/25 14:12	PB170163
33213-65-9	Endosulfan II	17.5		1	0.29	1.70	ug/kg	10/20/25 14:12	PB170163
72-54-8	4,4-DDD	18.0		1	0.15	1.70	ug/kg	10/20/25 14:12	PB170163
1031-07-8	Endosulfan Sulfate	17.2		1	0.13	1.70	ug/kg	10/20/25 14:12	PB170163
50-29-3	4,4-DDT	19.1		1	0.14	1.70	ug/kg	10/20/25 14:12	PB170163
72-43-5	Methoxychlor	18.0		1	0.37	1.70	ug/kg	10/20/25 14:12	PB170163
53494-70-5	Endrin ketone	17.3		1	0.19	1.70	ug/kg	10/20/25 14:12	PB170163
7421-93-4	Endrin aldehyde	17.9		1	0.37	1.70	ug/kg	10/20/25 14:12	PB170163
5103-71-9	alpha-Chlordane	16.9		1	0.12	1.70	ug/kg	10/20/25 14:12	PB170163
5103-74-2	gamma-Chlordane	17.5		1	0.15	1.70	ug/kg	10/20/25 14:12	PB170163
8001-35-2	Toxaphene	33.0	U	1	5.40	33.0	ug/kg	10/20/25 14:12	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.7			20 - 144	103%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.8			19 - 148	84%	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:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/17/25
Client Sample ID:	TP-5-WCMS		SDG No.:	Q3375
Lab Sample ID:	Q3374-05MS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	93.1
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.7		1	0.14	1.80	ug/kg	10/20/25 17:47	PB170163
319-85-7	beta-BHC	17.3		1	0.19	1.80	ug/kg	10/20/25 17:47	PB170163
319-86-8	delta-BHC	17.6		1	0.42	1.80	ug/kg	10/20/25 17:47	PB170163
58-89-9	gamma-BHC (Lindane)	17.5		1	0.15	1.80	ug/kg	10/20/25 17:47	PB170163
76-44-8	Heptachlor	17.8		1	0.13	1.80	ug/kg	10/20/25 17:47	PB170163
309-00-2	Aldrin	17.4		1	0.13	1.80	ug/kg	10/20/25 17:47	PB170163
1024-57-3	Heptachlor epoxide	17.3		1	0.20	1.80	ug/kg	10/20/25 17:47	PB170163
959-98-8	Endosulfan I	17.1		1	0.15	1.80	ug/kg	10/20/25 17:47	PB170163
60-57-1	Dieldrin	17.2		1	0.15	1.80	ug/kg	10/20/25 17:47	PB170163
72-55-9	4,4-DDE	17.2		1	0.15	1.80	ug/kg	10/20/25 17:47	PB170163
72-20-8	Endrin	17.3		1	0.15	1.80	ug/kg	10/20/25 17:47	PB170163
33213-65-9	Endosulfan II	16.5		1	0.31	1.80	ug/kg	10/20/25 17:47	PB170163
72-54-8	4,4-DDD	17.9		1	0.16	1.80	ug/kg	10/20/25 17:47	PB170163
1031-07-8	Endosulfan Sulfate	16.4		1	0.14	1.80	ug/kg	10/20/25 17:47	PB170163
50-29-3	4,4-DDT	17.8		1	0.15	1.80	ug/kg	10/20/25 17:47	PB170163
72-43-5	Methoxychlor	16.9		1	0.40	1.80	ug/kg	10/20/25 17:47	PB170163
53494-70-5	Endrin ketone	16.7		1	0.20	1.80	ug/kg	10/20/25 17:47	PB170163
7421-93-4	Endrin aldehyde	16.5		1	0.40	1.80	ug/kg	10/20/25 17:47	PB170163
5103-71-9	alpha-Chlordane	16.8		1	0.13	1.80	ug/kg	10/20/25 17:47	PB170163
5103-74-2	gamma-Chlordane	16.7		1	0.16	1.80	ug/kg	10/20/25 17:47	PB170163
8001-35-2	Toxaphene	35.4	U	1	5.80	35.4	ug/kg	10/20/25 17:47	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	17.0			20 - 144	85%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			19 - 148	97%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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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:	TP-5-WCMSD		SDG No.:	Q3375
Lab Sample ID:	Q3374-05MSD		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	93.1
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	18.1		1	0.14	1.80	ug/kg	10/20/25 18:01	PB170163
319-85-7	beta-BHC	17.5		1	0.19	1.80	ug/kg	10/20/25 18:01	PB170163
319-86-8	delta-BHC	17.9		1	0.42	1.80	ug/kg	10/20/25 18:01	PB170163
58-89-9	gamma-BHC (Lindane)	17.8		1	0.15	1.80	ug/kg	10/20/25 18:01	PB170163
76-44-8	Heptachlor	18.0		1	0.13	1.80	ug/kg	10/20/25 18:01	PB170163
309-00-2	Aldrin	17.7		1	0.13	1.80	ug/kg	10/20/25 18:01	PB170163
1024-57-3	Heptachlor epoxide	17.5		1	0.20	1.80	ug/kg	10/20/25 18:01	PB170163
959-98-8	Endosulfan I	17.4		1	0.15	1.80	ug/kg	10/20/25 18:01	PB170163
60-57-1	Dieldrin	17.5		1	0.15	1.80	ug/kg	10/20/25 18:01	PB170163
72-55-9	4,4-DDE	17.5		1	0.15	1.80	ug/kg	10/20/25 18:01	PB170163
72-20-8	Endrin	17.6		1	0.15	1.80	ug/kg	10/20/25 18:01	PB170163
33213-65-9	Endosulfan II	16.7		1	0.31	1.80	ug/kg	10/20/25 18:01	PB170163
72-54-8	4,4-DDD	18.3		1	0.16	1.80	ug/kg	10/20/25 18:01	PB170163
1031-07-8	Endosulfan Sulfate	16.6		1	0.14	1.80	ug/kg	10/20/25 18:01	PB170163
50-29-3	4,4-DDT	17.9		1	0.15	1.80	ug/kg	10/20/25 18:01	PB170163
72-43-5	Methoxychlor	17.2		1	0.40	1.80	ug/kg	10/20/25 18:01	PB170163
53494-70-5	Endrin ketone	17.0		1	0.20	1.80	ug/kg	10/20/25 18:01	PB170163
7421-93-4	Endrin aldehyde	17.0		1	0.40	1.80	ug/kg	10/20/25 18:01	PB170163
5103-71-9	alpha-Chlordane	17.0		1	0.13	1.80	ug/kg	10/20/25 18:01	PB170163
5103-74-2	gamma-Chlordane	16.9		1	0.16	1.80	ug/kg	10/20/25 18:01	PB170163
8001-35-2	Toxaphene	35.4	U	1	5.80	35.4	ug/kg	10/20/25 18:01	PB170163
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.6			20 - 144	93%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.7			19 - 148	99%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3375</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>Q3375</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.: Q3375

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.: Q3375

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.: Q3375

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.: Q3375

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.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 10:54

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	-0.01
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.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 10:54

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	4.87	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	-0.01
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	6.98	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.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090692.D **Time Analyzed:** 10:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.708	6.600	6.800	51.950	50.000	3.9
4,4'-DDE	6.198	6.090	6.290	48.740	50.000	-2.5
4,4'-DDT	7.023	6.915	7.115	53.570	50.000	7.1
Aldrin	5.272	5.164	5.364	50.010	50.000	0.0
alpha-BHC	4.001	3.894	4.094	51.020	50.000	2.0
alpha-Chlordane	6.028	5.921	6.121	47.140	50.000	-5.7
beta-BHC	4.518	4.412	4.612	48.370	50.000	-3.3
Decachlorobiphenyl	9.075	8.964	9.164	44.770	50.000	-10.5
delta-BHC	4.768	4.660	4.860	49.740	50.000	-0.5
Dieldrin	6.349	6.240	6.440	49.670	50.000	-0.7
Endosulfan I	6.076	5.968	6.168	49.190	50.000	-1.6
Endosulfan II	6.788	6.681	6.881	52.090	50.000	4.2
Endosulfan sulfate	7.152	7.045	7.245	48.310	50.000	-3.4
Endrin	6.576	6.468	6.668	50.490	50.000	1.0
Endrin aldehyde	6.918	6.810	7.010	50.880	50.000	1.8
Endrin ketone	7.633	7.525	7.725	48.150	50.000	-3.7
gamma-BHC (Lindane)	4.332	4.225	4.425	50.280	50.000	0.6
gamma-Chlordane	5.948	5.840	6.040	49.590	50.000	-0.8
Heptachlor	4.930	4.823	5.023	58.380	50.000	16.8
Heptachlor epoxide	5.691	5.584	5.784	49.670	50.000	-0.7
Methoxychlor	7.497	7.388	7.588	49.610	50.000	-0.8
Tetrachloro-m-xylene	3.551	3.445	3.645	48.020	50.000	-4.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090692.D **Time Analyzed:** 10:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.922	5.821	6.021	47.850	50.000	-4.3
4,4'-DDE	5.367	5.266	5.466	48.060	50.000	-3.9
4,4'-DDT	6.176	6.074	6.274	52.390	50.000	4.8
Aldrin	4.361	4.261	4.461	48.160	50.000	-3.7
alpha-BHC	3.386	3.287	3.487	47.930	50.000	-4.1
alpha-Chlordane	5.182	5.081	5.281	47.930	50.000	-4.1
beta-BHC	4.019	3.919	4.119	46.720	50.000	-6.6
Decachlorobiphenyl	8.064	7.962	8.162	43.570	50.000	-12.9
delta-BHC	4.255	4.155	4.355	47.730	50.000	-4.5
Dieldrin	5.505	5.404	5.604	48.200	50.000	-3.6
Endosulfan I	5.239	5.138	5.338	45.700	50.000	-8.6
Endosulfan II	6.074	5.972	6.172	48.140	50.000	-3.7
Endosulfan sulfate	6.476	6.374	6.574	47.690	50.000	-4.6
Endrin	5.782	5.681	5.881	48.430	50.000	-3.1
Endrin aldehyde	6.252	6.150	6.350	49.140	50.000	-1.7
Endrin ketone	6.984	6.883	7.083	47.110	50.000	-5.8
gamma-BHC (Lindane)	3.723	3.623	3.823	47.890	50.000	-4.2
gamma-Chlordane	5.118	5.017	5.217	48.010	50.000	-4.0
Heptachlor	4.075	3.975	4.175	48.070	50.000	-3.9
Heptachlor epoxide	4.865	4.764	4.964	47.090	50.000	-5.8
Methoxychlor	6.747	6.645	6.845	49.270	50.000	-1.5
Tetrachloro-m-xylene	2.874	2.775	2.975	47.440	50.000	-5.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 16:52

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	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	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	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	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
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.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 16:52

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	4.87	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	6.48	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	6.98	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.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090704.D **Time Analyzed:** 16:52

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.705	6.600	6.800	48.680	50.000	-2.6
4,4'-DDE	6.194	6.090	6.290	49.130	50.000	-1.7
4,4'-DDT	7.020	6.915	7.115	50.170	50.000	0.3
Aldrin	5.268	5.164	5.364	50.130	50.000	0.3
alpha-BHC	3.998	3.894	4.094	51.720	50.000	3.4
alpha-Chlordane	6.025	5.921	6.121	46.990	50.000	-6.0
beta-BHC	4.516	4.412	4.612	49.800	50.000	-0.4
Decachlorobiphenyl	9.071	8.964	9.164	45.330	50.000	-9.3
delta-BHC	4.764	4.660	4.860	50.830	50.000	1.7
Dieldrin	6.345	6.240	6.440	49.160	50.000	-1.7
Endosulfan I	6.072	5.968	6.168	48.730	50.000	-2.5
Endosulfan II	6.786	6.681	6.881	47.790	50.000	-4.4
Endosulfan sulfate	7.149	7.045	7.245	47.780	50.000	-4.4
Endrin	6.572	6.468	6.668	49.220	50.000	-1.6
Endrin aldehyde	6.914	6.810	7.010	48.100	50.000	-3.8
Endrin ketone	7.630	7.525	7.725	47.980	50.000	-4.0
gamma-BHC (Lindane)	4.329	4.225	4.425	51.230	50.000	2.5
gamma-Chlordane	5.944	5.840	6.040	48.950	50.000	-2.1
Heptachlor	4.927	4.823	5.023	53.180	50.000	6.4
Heptachlor epoxide	5.688	5.584	5.784	49.080	50.000	-1.8
Methoxychlor	7.493	7.388	7.588	48.060	50.000	-3.9
Tetrachloro-m-xylene	3.548	3.445	3.645	48.690	50.000	-2.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090704.D **Time Analyzed:** 16:52

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.922	5.821	6.021	46.010	50.000	-8.0
4,4'-DDE	5.366	5.266	5.466	46.950	50.000	-6.1
4,4'-DDT	6.175	6.074	6.274	48.270	50.000	-3.5
Aldrin	4.361	4.261	4.461	48.320	50.000	-3.4
alpha-BHC	3.386	3.287	3.487	48.670	50.000	-2.7
alpha-Chlordane	5.182	5.081	5.281	47.280	50.000	-5.4
beta-BHC	4.019	3.919	4.119	47.960	50.000	-4.1
Decachlorobiphenyl	8.062	7.962	8.162	41.240	50.000	-17.5
delta-BHC	4.255	4.155	4.355	48.300	50.000	-3.4
Dieldrin	5.504	5.404	5.604	47.340	50.000	-5.3
Endosulfan I	5.239	5.138	5.338	47.430	50.000	-5.1
Endosulfan II	6.073	5.972	6.172	46.400	50.000	-7.2
Endosulfan sulfate	6.475	6.374	6.574	46.130	50.000	-7.7
Endrin	5.781	5.681	5.881	47.050	50.000	-5.9
Endrin aldehyde	6.251	6.150	6.350	46.270	50.000	-7.5
Endrin ketone	6.984	6.883	7.083	45.010	50.000	-10.0
gamma-BHC (Lindane)	3.723	3.623	3.823	48.540	50.000	-2.9
gamma-Chlordane	5.117	5.017	5.217	47.560	50.000	-4.9
Heptachlor	4.075	3.975	4.175	48.460	50.000	-3.1
Heptachlor epoxide	4.865	4.764	4.964	46.960	50.000	-6.1
Methoxychlor	6.746	6.645	6.845	46.850	50.000	-6.3
Tetrachloro-m-xylene	2.874	2.775	2.975	48.050	50.000	-3.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 19:09

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	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	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	7.14	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.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 19:09

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	6.74	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.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090713.D **Time Analyzed:** 19:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.700	6.600	6.800	50.870	50.000	1.7
4,4'-DDE	6.190	6.090	6.290	50.630	50.000	1.3
4,4'-DDT	7.016	6.915	7.115	51.190	50.000	2.4
Aldrin	5.264	5.164	5.364	51.810	50.000	3.6
alpha-BHC	3.994	3.894	4.094	53.030	50.000	6.1
alpha-Chlordane	6.021	5.921	6.121	48.460	50.000	-3.1
beta-BHC	4.512	4.412	4.612	50.550	50.000	1.1
Decachlorobiphenyl	9.065	8.964	9.164	46.510	50.000	-7.0
delta-BHC	4.760	4.660	4.860	52.270	50.000	4.5
Dieldrin	6.341	6.240	6.440	51.090	50.000	2.2
Endosulfan I	6.068	5.968	6.168	50.490	50.000	1.0
Endosulfan II	6.781	6.681	6.881	49.930	50.000	-0.1
Endosulfan sulfate	7.144	7.045	7.245	49.480	50.000	-1.0
Endrin	6.568	6.468	6.668	50.890	50.000	1.8
Endrin aldehyde	6.910	6.810	7.010	50.140	50.000	0.3
Endrin ketone	7.625	7.525	7.725	49.830	50.000	-0.3
gamma-BHC (Lindane)	4.324	4.225	4.425	52.450	50.000	4.9
gamma-Chlordane	5.940	5.840	6.040	50.930	50.000	1.9
Heptachlor	4.923	4.823	5.023	52.090	50.000	4.2
Heptachlor epoxide	5.684	5.584	5.784	51.040	50.000	2.1
Methoxychlor	7.488	7.388	7.588	48.640	50.000	-2.7
Tetrachloro-m-xylene	3.544	3.445	3.645	50.600	50.000	1.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090713.D **Time Analyzed:** 19:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.821	6.021	48.360	50.000	-3.3
4,4'-DDE	5.365	5.266	5.466	48.900	50.000	-2.2
4,4'-DDT	6.173	6.074	6.274	50.220	50.000	0.4
Aldrin	4.360	4.261	4.461	49.500	50.000	-1.0
alpha-BHC	3.386	3.287	3.487	49.550	50.000	-0.9
alpha-Chlordane	5.181	5.081	5.281	49.160	50.000	-1.7
beta-BHC	4.018	3.919	4.119	49.120	50.000	-1.8
Decachlorobiphenyl	8.060	7.962	8.162	45.380	50.000	-9.2
delta-BHC	4.255	4.155	4.355	49.490	50.000	-1.0
Dieldrin	5.503	5.404	5.604	49.370	50.000	-1.3
Endosulfan I	5.238	5.138	5.338	49.000	50.000	-2.0
Endosulfan II	6.071	5.972	6.172	49.040	50.000	-1.9
Endosulfan sulfate	6.473	6.374	6.574	48.550	50.000	-2.9
Endrin	5.780	5.681	5.881	49.520	50.000	-1.0
Endrin aldehyde	6.249	6.150	6.350	48.770	50.000	-2.5
Endrin ketone	6.982	6.883	7.083	48.370	50.000	-3.3
gamma-BHC (Lindane)	3.722	3.623	3.823	49.650	50.000	-0.7
gamma-Chlordane	5.116	5.017	5.217	49.350	50.000	-1.3
Heptachlor	4.074	3.975	4.175	49.390	50.000	-1.2
Heptachlor epoxide	4.863	4.764	4.964	48.140	50.000	-3.7
Methoxychlor	6.744	6.645	6.845	49.130	50.000	-1.7
Tetrachloro-m-xylene	2.874	2.775	2.975	49.050	50.000	-1.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 21:12

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	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	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.: Q3375

Continuing Calib Date: 10/20/2025

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

10/17/2025

Continuing Calib Time: 21:12

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	6.18	6.17	6.07	6.27	-0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090720.D **Time Analyzed:** 21:12

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.700	6.600	6.800	53.530	50.000	7.1
4,4'-DDE	6.191	6.090	6.290	52.650	50.000	5.3
4,4'-DDT	7.016	6.915	7.115	52.950	50.000	5.9
Aldrin	5.265	5.164	5.364	54.180	50.000	8.4
alpha-BHC	3.994	3.894	4.094	55.130	50.000	10.3
alpha-Chlordane	6.021	5.921	6.121	51.160	50.000	2.3
beta-BHC	4.512	4.412	4.612	52.600	50.000	5.2
Decachlorobiphenyl	9.065	8.964	9.164	47.550	50.000	-4.9
delta-BHC	4.761	4.660	4.860	54.840	50.000	9.7
Dieldrin	6.341	6.240	6.440	53.390	50.000	6.8
Endosulfan I	6.069	5.968	6.168	52.690	50.000	5.4
Endosulfan II	6.781	6.681	6.881	52.420	50.000	4.8
Endosulfan sulfate	7.145	7.045	7.245	51.430	50.000	2.9
Endrin	6.568	6.468	6.668	53.290	50.000	6.6
Endrin aldehyde	6.910	6.810	7.010	52.130	50.000	4.3
Endrin ketone	7.625	7.525	7.725	52.480	50.000	5.0
gamma-BHC (Lindane)	4.325	4.225	4.425	54.620	50.000	9.2
gamma-Chlordane	5.940	5.840	6.040	53.220	50.000	6.4
Heptachlor	4.923	4.823	5.023	53.220	50.000	6.4
Heptachlor epoxide	5.683	5.584	5.784	53.550	50.000	7.1
Methoxychlor	7.489	7.388	7.588	49.850	50.000	-0.3
Tetrachloro-m-xylene	3.545	3.445	3.645	52.340	50.000	4.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/20/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090720.D **Time Analyzed:** 21:12

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.921	5.821	6.021	50.030	50.000	0.1
4,4'-DDE	5.366	5.266	5.466	50.380	50.000	0.8
4,4'-DDT	6.175	6.074	6.274	51.210	50.000	2.4
Aldrin	4.360	4.261	4.461	51.050	50.000	2.1
alpha-BHC	3.387	3.287	3.487	51.160	50.000	2.3
alpha-Chlordane	5.182	5.081	5.281	50.710	50.000	1.4
beta-BHC	4.019	3.919	4.119	50.570	50.000	1.1
Decachlorobiphenyl	8.061	7.962	8.162	46.430	50.000	-7.1
delta-BHC	4.255	4.155	4.355	51.210	50.000	2.4
Dieldrin	5.504	5.404	5.604	50.830	50.000	1.7
Endosulfan I	5.238	5.138	5.338	50.020	50.000	0.0
Endosulfan II	6.072	5.972	6.172	50.450	50.000	0.9
Endosulfan sulfate	6.474	6.374	6.574	50.250	50.000	0.5
Endrin	5.781	5.681	5.881	51.910	50.000	3.8
Endrin aldehyde	6.250	6.150	6.350	50.390	50.000	0.8
Endrin ketone	6.983	6.883	7.083	50.060	50.000	0.1
gamma-BHC (Lindane)	3.723	3.623	3.823	51.150	50.000	2.3
gamma-Chlordane	5.117	5.017	5.217	50.960	50.000	1.9
Heptachlor	4.075	3.975	4.175	50.470	50.000	0.9
Heptachlor epoxide	4.864	4.764	4.964	49.730	50.000	-0.5
Methoxychlor	6.745	6.645	6.845	49.950	50.000	-0.1
Tetrachloro-m-xylene	2.874	2.775	2.975	50.300	50.000	0.6

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

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.: Q3375

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

Client Sample No. (PEM): PEM - PD090691.D Date Analyzed: 10/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:18

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.068	8.970	9.170	22.810	20.000	14.1
Tetrachloro-m-xylene	3.544	3.490	3.590	24.050	20.000	20.3
alpha-BHC	3.994	3.940	4.040	10.350	10.000	3.5
beta-BHC	4.512	4.460	4.560	11.450	10.000	14.5
gamma-BHC (Lindane)	4.325	4.270	4.380	10.620	10.000	6.2
Endrin	6.569	6.500	6.640	56.900	50.000	13.8
4,4'-DDT	7.017	6.950	7.090	116.860	100.000	16.9
Methoxychlor	7.490	7.420	7.560	260.810	250.000	4.3

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

Client Sample No. (PEM): PEM - PD090691.D Date Analyzed: 10/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:18

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	22.580	20.000	12.9
Tetrachloro-m-xylene	2.874	2.820	2.920	23.660	20.000	18.3
alpha-BHC	3.386	3.340	3.440	11.570	10.000	15.7
beta-BHC	4.018	3.970	4.070	11.530	10.000	15.3
gamma-BHC (Lindane)	3.722	3.670	3.770	11.710	10.000	17.1
Endrin	5.780	5.710	5.850	53.990	50.000	8.0
4,4'-DDT	6.174	6.100	6.240	115.610	100.000	15.6
Methoxychlor	6.745	6.670	6.820	222.800	250.000	-10.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

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

Client Sample No. (PEM): PEM - PD090712.D Date Analyzed: 10/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:55

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	22.010	20.000	10.1
Tetrachloro-m-xylene	3.544	3.490	3.590	23.290	20.000	16.5
alpha-BHC	3.993	3.940	4.040	9.900	10.000	-1.0
beta-BHC	4.512	4.460	4.560	11.060	10.000	10.6
gamma-BHC (Lindane)	4.324	4.270	4.370	10.190	10.000	1.9
Endrin	6.569	6.500	6.640	54.760	50.000	9.5
4,4'-DDT	7.016	6.950	7.090	107.540	100.000	7.5
Methoxychlor	7.489	7.420	7.560	245.850	250.000	-1.7

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

Client Sample No. (PEM): PEM - PD090712.D Date Analyzed: 10/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:55

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	21.010	20.000	5.1
Tetrachloro-m-xylene	2.874	2.820	2.920	22.500	20.000	12.5
alpha-BHC	3.386	3.340	3.440	11.010	10.000	10.1
beta-BHC	4.019	3.970	4.070	10.810	10.000	8.1
gamma-BHC (Lindane)	3.722	3.670	3.770	11.090	10.000	10.9
Endrin	5.780	5.710	5.850	51.800	50.000	3.6
4,4'-DDT	6.174	6.100	6.240	102.190	100.000	2.2
Methoxychlor	6.744	6.670	6.810	212.170	250.000	-15.1

Analytical Sequence

Client: AECOM	SDG No.: Q3375
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 #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
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
IBLK	IBLK	10/20/2025	10:04	PD090690.D	9.07	3.55
PEM	PEM	10/20/2025	10:18	PD090691.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/20/2025	10:54	PD090692.D	9.08	3.55
PB170163BL	PB170163BL	10/20/2025	13:25	PD090693.D	9.08	3.55
PB170163BS	PB170163BS	10/20/2025	14:12	PD090694.D	9.07	3.55
IBLK	IBLK	10/20/2025	16:22	PD090703.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/20/2025	16:52	PD090704.D	9.07	3.55
TP-5-WCMS	Q3374-05MS	10/20/2025	17:47	PD090707.D	9.07	3.54
TP-5-WCMSD	Q3374-05MSD	10/20/2025	18:01	PD090708.D	9.07	3.54
IBLK	IBLK	10/20/2025	18:42	PD090711.D	9.07	3.54
PEM	PEM	10/20/2025	18:55	PD090712.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/20/2025	19:09	PD090713.D	9.07	3.54
PR132-S02-074099-20251016	Q3375-01	10/20/2025	19:50	PD090714.D	9.07	3.54
PR132-S04-000013-20251016	Q3375-02	10/20/2025	20:04	PD090715.D	9.07	3.54
PR132-S05-000057-20251016	Q3375-03	10/20/2025	20:17	PD090716.D	9.07	3.54
PR132-S02-010074-20251016	Q3375-04	10/20/2025	20:31	PD090717.D	9.07	3.54
PR132-DP02-20251016	Q3375-05	10/20/2025	20:44	PD090718.D	9.07	3.54
IBLK	IBLK	10/20/2025	20:58	PD090719.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/20/2025	21:12	PD090720.D	9.07	3.55

Analytical Sequence

Client: AECOM	SDG No.: Q3375
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 #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
IBLK	IBLK	10/20/2025	10:04	PD090690.D	8.06	2.87
PEM	PEM	10/20/2025	10:18	PD090691.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/20/2025	10:54	PD090692.D	8.06	2.87
PB170163BL	PB170163BL	10/20/2025	13:25	PD090693.D	8.07	2.87
PB170163BS	PB170163BS	10/20/2025	14:12	PD090694.D	8.06	2.87
IBLK	IBLK	10/20/2025	16:22	PD090703.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/20/2025	16:52	PD090704.D	8.06	2.87
TP-5-WCMS	Q3374-05MS	10/20/2025	17:47	PD090707.D	8.06	2.88
TP-5-WCMSD	Q3374-05MSD	10/20/2025	18:01	PD090708.D	8.06	2.87
IBLK	IBLK	10/20/2025	18:42	PD090711.D	8.06	2.87
PEM	PEM	10/20/2025	18:55	PD090712.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/20/2025	19:09	PD090713.D	8.06	2.87
PR132-S02-074099-20251016	Q3375-01	10/20/2025	19:50	PD090714.D	8.06	2.87
PR132-S04-000013-20251016	Q3375-02	10/20/2025	20:04	PD090715.D	8.06	2.87
PR132-S05-000057-20251016	Q3375-03	10/20/2025	20:17	PD090716.D	8.06	2.87
PR132-S02-010074-20251016	Q3375-04	10/20/2025	20:31	PD090717.D	8.06	2.87
PR132-DP02-20251016	Q3375-05	10/20/2025	20:44	PD090718.D	8.06	2.87
IBLK	IBLK	10/20/2025	20:58	PD090719.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/20/2025	21:12	PD090720.D	8.06	2.87

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170163BS

Lab Name: Alliance

Contract: AEEO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: PB170163BS

Date(s) Analyzed: 10/20/2025

10/20/2025

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	18.0	6.3
	2	5.92	5.87	5.97	16.9	
4,4'-DDE	1	6.20	6.15	6.25	18.1	6.9
	2	5.37	5.32	5.42	16.9	
4,4'-DDT	1	7.02	6.97	7.07	19.1	2.1
	2	6.18	6.13	6.23	18.7	
alpha-BHC	1	4.00	3.95	4.05	17.6	6.5
	2	3.39	3.34	3.44	16.5	
Aldrin	1	5.27	5.22	5.32	17.4	4.1
	2	4.36	4.31	4.41	16.7	
alpha-Chlordane	1	6.03	5.98	6.08	16.8	0.6
	2	5.18	5.13	5.23	16.9	
Endosulfan II	1	6.79	6.74	6.84	17.5	2.3
	2	6.07	6.02	6.12	17.1	
Endosulfan sulfate	1	7.15	7.10	7.20	17.2	0
	2	6.48	6.43	6.53	17.2	
beta-BHC	1	4.52	4.47	4.57	16.9	2.4
	2	4.02	3.97	4.07	16.5	
delta-BHC	1	4.77	4.72	4.82	17.4	4.1
	2	4.26	4.21	4.31	16.7	
Endosulfan I	1	6.07	6.02	6.12	17.4	5.3
	2	5.24	5.19	5.29	16.5	
Dieldrin	1	6.35	6.30	6.40	17.6	2.9
	2	5.50	5.45	5.55	17.1	
Endrin aldehyde	1	6.92	6.87	6.97	17.9	2.3
	2	6.25	6.20	6.30	17.5	
Methoxychlor	1	7.50	7.45	7.55	18.0	0
	2	6.75	6.70	6.80	18.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170163BS

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: PB170163BS

Date(s) Analyzed: 10/20/2025 10/20/2025

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	17.3	1.7
	2	6.98	6.93	7.03	17.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.4	4.1
	2	3.72	3.67	3.77	16.7	
Heptachlor	1	4.93	4.88	4.98	20.3	18.3
	2	4.08	4.03	4.13	16.9	
Heptachlor epoxide	1	5.69	5.64	5.74	17.6	5.8
	2	4.86	4.81	4.91	16.6	
gamma-Chlordane	1	5.95	5.90	6.00	17.5	3.5
	2	5.12	5.07	5.17	16.9	
Endrin	1	6.58	6.53	6.63	17.9	5.7
	2	5.78	5.73	5.83	16.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PR132-DP02-20251016

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: Q3375-05

Date(s) Analyzed: 10/20/2025 10/20/2025

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	3.50	12.1
	2	5.92	5.87	5.97	3.10	
gamma-Chlordane	1	5.94	5.89	5.99	0.77	8.8
	2	5.12	5.07	5.17	0.71	
alpha-Chlordane	1	6.02	5.97	6.07	0.57	42.1
	2	5.18	5.13	5.23	0.37	
4,4'-DDE	1	6.19	6.14	6.24	2.70	40
	2	5.37	5.32	5.42	1.80	
Dieldrin	1	6.34	6.29	6.39	0.39	95.5
	2	5.50	5.45	5.55	1.10	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PR132-S05-000057-20251016

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: Q3375-03

Date(s) Analyzed: 10/20/2025 10/20/2025

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	0.88	36.8
	2	5.92	5.87	5.97	0.61	
gamma-Chlordane	1	5.94	5.89	5.99	0.34	8.3
	2	5.12	5.07	5.17	0.37	
4,4'-DDE	1	6.19	6.14	6.24	1.60	37
	2	5.37	5.32	5.42	1.10	
Dieldrin	1	6.34	6.29	6.39	0.31	85.7
	2	5.50	5.45	5.55	0.77	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-5-WCMS

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: Q3374-05MS

Date(s) Analyzed: 10/20/2025 10/20/2025

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	17.9	14.4
	2	5.92	5.87	5.97	15.5	
4,4'-DDT	1	7.02	6.97	7.07	17.8	5.2
	2	6.17	6.12	6.22	16.9	
alpha-BHC	1	3.99	3.94	4.04	17.7	5.8
	2	3.39	3.34	3.44	16.7	
Aldrin	1	5.27	5.22	5.32	17.4	3.5
	2	4.36	4.31	4.41	16.8	
beta-BHC	1	4.51	4.46	4.56	17.3	2.9
	2	4.02	3.97	4.07	16.8	
alpha-Chlordane	1	6.02	5.97	6.07	16.5	1.8
	2	5.18	5.13	5.23	16.8	
4,4'-DDE	1	6.19	6.14	6.24	17.2	2.9
	2	5.37	5.32	5.42	16.7	
Endosulfan II	1	6.78	6.73	6.83	13.4	20.7
	2	6.07	6.02	6.12	16.5	
Endrin aldehyde	1	6.91	6.86	6.96	16.5	1.8
	2	6.25	6.20	6.30	16.2	
Endosulfan sulfate	1	7.15	7.10	7.20	16.4	1.8
	2	6.47	6.42	6.52	16.1	
Methoxychlor	1	7.49	7.44	7.54	16.9	3
	2	6.75	6.70	6.80	16.4	
Endrin ketone	1	7.63	7.58	7.68	16.7	3
	2	6.98	6.93	7.03	16.2	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.5	5.3
	2	3.72	3.67	3.77	16.6	
Heptachlor	1	4.92	4.87	4.97	17.8	7
	2	4.08	4.03	4.13	16.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-5-WCMS

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: Q3374-05MS

Date(s) Analyzed: 10/20/2025 10/20/2025

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	4.76	4.71	4.81	17.6	5.8
	2	4.26	4.21	4.31	16.6	
Heptachlor epoxide	1	5.69	5.64	5.74	17.3	6
	2	4.86	4.81	4.91	16.3	
Endosulfan I	1	6.07	6.02	6.12	17.1	2.4
	2	5.24	5.19	5.29	16.7	
gamma-Chlordane	1	5.94	5.89	5.99	16.7	0
	2	5.12	5.07	5.17	16.7	
Dieldrin	1	6.34	6.29	6.39	17.2	2.9
	2	5.50	5.45	5.55	16.7	
Endrin	1	6.57	6.52	6.62	17.3	1.2
	2	5.78	5.73	5.83	17.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-5-WCMSD

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: Q3374-05MSD

Date(s) Analyzed: 10/20/2025 10/20/2025

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	13.7	19.7
	2	6.07	6.02	6.12	16.7	
4,4'-DDD	1	6.70	6.65	6.75	18.3	15.9
	2	5.92	5.87	5.97	15.6	
4,4'-DDT	1	7.02	6.97	7.07	17.9	3.4
	2	6.17	6.12	6.22	17.3	
Endrin aldehyde	1	6.91	6.86	6.96	17.0	1.8
	2	6.25	6.20	6.30	16.7	
Endosulfan sulfate	1	7.15	7.10	7.20	16.6	1.2
	2	6.47	6.42	6.52	16.4	
alpha-BHC	1	3.99	3.94	4.04	18.1	6.9
	2	3.39	3.34	3.44	16.9	
Aldrin	1	5.27	5.22	5.32	17.7	4
	2	4.36	4.31	4.41	17.0	
beta-BHC	1	4.51	4.46	4.56	17.5	2.3
	2	4.02	3.97	4.07	17.1	
delta-BHC	1	4.76	4.71	4.81	17.9	5.7
	2	4.25	4.20	4.30	16.9	
Endosulfan I	1	6.07	6.02	6.12	17.4	2.9
	2	5.24	5.19	5.29	16.9	
alpha-Chlordane	1	6.02	5.97	6.07	16.7	1.8
	2	5.18	5.13	5.23	17.0	
4,4'-DDE	1	6.19	6.14	6.24	17.5	4.1
	2	5.37	5.32	5.42	16.8	
Dieldrin	1	6.34	6.29	6.39	17.5	3.5
	2	5.50	5.45	5.55	16.9	
Endrin	1	6.57	6.52	6.62	17.6	3.5
	2	5.78	5.73	5.83	17.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-5-WCMSD

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: Q3374-05MSD

Date(s) Analyzed: 10/20/2025 10/20/2025

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	17.2	2.9
	2	6.75	6.70	6.80	16.7	
Endrin ketone	1	7.63	7.58	7.68	17.0	3
	2	6.98	6.93	7.03	16.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.8	5.2
	2	3.72	3.67	3.77	16.9	
Heptachlor	1	4.92	4.87	4.97	18.0	6.9
	2	4.07	4.02	4.12	16.8	
Heptachlor epoxide	1	5.69	5.64	5.74	17.5	5.3
	2	4.86	4.81	4.91	16.6	
gamma-Chlordane	1	5.94	5.89	5.99	16.9	0
	2	5.12	5.07	5.17	16.9	