

LAB CHRONICLE

OrderID:	Q3419	OrderDate:	10/22/2025 11:01:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Contact:	Rob Forstner	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3419-01	PR-132-S16-015094-2 0251021	SOIL			10/21/25			10/21/25
			PCB	8082A		10/23/25	10/27/25	
			Pesticide-TCL	8081B		10/23/25	10/23/25	
Q3419-04	PR132-S16-119133-2 0251021	SOIL			10/21/25			10/21/25
			PCB	8082A		10/23/25	10/24/25	
			Pesticide-TCL	8081B		10/23/25	10/23/25	
Q3419-05	PR132-S16-094119-2 0251021	SOIL			10/21/25			10/21/25
			PCB	8082A		10/23/25	10/24/25	
			Pesticide-TCL	8081B		10/23/25	10/23/25	

Hit Summary Sheet
SW-846

SDG No.: Q3419

Order ID: Q3419

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 : PR-132-S16-015094-20251021								
Q3419-01	PR-132-S16-015094-2 SOIL	4,4-DDE		0.62	JP	0.26	3.10	ug/kg
Total Concentration:				0.620				
Client ID : PR132-S16-094119-20251021								
Q3419-05	PR132-S16-094119-20 SOIL	Dieldrin		2.40	JP	0.30	3.60	ug/kg
Q3419-05	PR132-S16-094119-20 SOIL	4,4-DDE		3.60		0.30	3.60	ug/kg
Total Concentration:				6.000				



SAMPLE DATA

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:	PR-132-S16-015094-20251021		SDG No.:	Q3419
Lab Sample ID:	Q3419-01		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	54.4
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/23/25	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	0.24	3.10	ug/kg	10/23/25 16:06	PB170213
319-85-7	beta-BHC	3.10	U	1	0.33	3.10	ug/kg	10/23/25 16:06	PB170213
319-86-8	delta-BHC	3.10	U	1	0.72	3.10	ug/kg	10/23/25 16:06	PB170213
58-89-9	gamma-BHC (Lindane)	3.							

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:	PR132-S16-119133-20251021		SDG No.:	Q3419
Lab Sample ID:	Q3419-04		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	51.7
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/23/25	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	10/23/25 16:47	PB170213
319-85-7	beta-BHC	3.30	U	1	0.35	3.30	ug/kg	10/23/25 16:47	PB170213
319-86-8	delta-BHC	3.30	U	1	0.75	3.30	ug/kg	10/23/25 16:47	PB170213
58-89-9									

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:	PR132-S16-094119-20251021		SDG No.:	Q3419
Lab Sample ID:	Q3419-05		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	46.9
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/23/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	3.60	U	1	0.28	3.60	ug/kg	10/23/25 17:00	PB170213
319-85-7	beta-BHC	3.60	U	1	0.38	3.60	ug/kg	10/23/25 17:00	PB170213
319-86-8	delta-BHC	3.60	U	1	0.83	3.60	ug/kg	10/23/25 17:00	PB170213
58-89-9	gamma-BHC (Lindane)	3.60	U	1					



QC SUMMARY

Surrogate Summary

SDG No.: Q3419

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-PD090775.D	PIBLK-PD090775.D	Decachlorobiphen	1	20	21.7	109		57	171
		Tetrachloro-m-xyl	1	20	20.3	101		61	148

Surrogate Summary

SDG No.: Q3419

Client: AECOM

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3419-02MS	PR-132-S16-015094-20251021MT	Tetrachloro-m-xyl	1	20	12.4	62		19	148
		Decachlorobiphen	2	20	12.6	63		20	144
		Tetrachloro-m-xyl	2	20	12.6	63		19	148
Q3419-03MSD	PR-132-S16-015094-20251021MD	Decachlorobiphen	1	20	12.2	61		20	144
		Tetrachloro-m-xyl	1	20	12.1	60		19	148
		Decachlorobiphen	2	20	12.7	64		20	144
		T							

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3419</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090811.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits		RPD
			Result	Result				Qual	Qual		High		
Lab Sample ID: Q3419-02MS		Client Sample ID: PR-132-S16-015094-202510											
	(Column 1)												
	alpha-BHC	30.56	0	24.4	ug/kg	80				60	144		
	beta-BHC	30.56	0	25.4	ug/kg	83				54	143		
	delta-BHC	30.56	0	1									

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3419</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090811.D</u>

Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits	RPD
		Result	Result			Qual	RPD	Qual	Low	High
4,4'-DDT	30.56	0	25.5	ug/kg	83				51	146
Methoxychlor	30.56	0	25.5	ug/kg	83				54	136
Endrin ketone	30.56	0	27.6	ug/kg	90				60	129
Endrin aldehyde	30.56	0	19.5	ug/kg	64				59	132
alpha-Chlordane	30.56	0	25.8	ug/kg	84				39	166
gamma-Chlordane	30.56	0	26.6	ug/kg	87				44	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3419 Analytical Method: 8081B
Client: AECOM DataFile : PD090812.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits		RPD
			Result	Result				RPD	Qual		High		
Lab Sample ID:	Q3419-03MSD	Client Sample ID:	PR-132-S16-015094-202510										
	(Column 1)												
	alpha-BHC	30.62	0	23.8	ug/kg	78		3		60	144		20
	beta-BHC	30.62	0	25.5	ug/kg	83		0		54	143		20
	delta-BHC	30.62	0	19.1	ug/kg	62		2		29	151		20
	gamma-BHC (Lindane)	30.62	0	1									

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3419</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	DataFile :	<u>PD090812.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	30.62	0	25.6	ug/kg	84		1		51	146	20
Methoxychlor	30.62	0	25.9	ug/kg	85		2		54	136	20
Endrin ketone	30.62	0	27.5	ug/kg	90		0		60	129	20
Endrin aldehyde	30.62	0	19.6	ug/kg	64		0		59	132	20
alpha-Chlordane	30.62	0	25.9	ug/kg	85		1		39	166	20
gamma-Chlordane	30.62	0	26.7	ug/kg	87		0				

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3419</u>	Analytical Method:	<u>8081B</u>
Client:	<u>AECOM</u>	Datafile :	<u>PD090779.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170213BS (Column 1)	alpha-BHC	16.65	15.4	ug/kg	92				84	123		
	beta-BHC	16.65	15.1	ug/kg	91				82	123		
	delta-BHC	16.65	15.6	ug/kg	94				83	126		
	gamma-BHC (Lindane)	16.65	15.2	ug/kg	91				83	125		
	Heptachlor	16.65	18.2	ug/kg	109				83	122	</	

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PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170213BL

Lab Name: Alliance

Contract: AEC002

Lab Code: ACE

SDG NO.: Q3419

Lab Sample ID: PB170213BL

Lab File ID: PD090778.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/23/2025

Date Analyzed (1): 10/23/2025

Date Analyzed (2): 10/23/2025

Time Analyzed (1): 13:16

Time Analyzed (2): 13:16

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column (1): Z



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:	PB170213BL		SDG No.:	Q3419
Lab Sample ID:	PB170213BL		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/23/25	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	10/23/25 13:16	PB170213
319-85-7	beta-BHC	1.70	U	1	0.18	1.70	ug/kg	10/23/25 13:16	PB170213
319-86-8	delta-BHC	1.70	U	1	0.39	1.70	ug/kg	10/23/25 13:16	PB170213
58-89-9	gamma-BHC (Lindane)	1.70	U	1	0.14	1.7			

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.:	Q3419
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						

Report of Analysis

Client:	AECOM		Date Collected:	10/23/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/23/25
Client Sample ID:	PIBLK-PD090775.D		SDG No.:	Q3419
Lab Sample ID:	I.BLK-PD090775.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	10/23/25	Pd102325
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/23/25	Pd102325
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/23/25	Pd102325
58-89-9	gamma-BHC (Lindane)	0.050	U						

Report of Analysis

Client:	AECOM		Date Collected:	10/23/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/23/25
Client Sample ID:	PIBLK-PD090788.D		SDG No.:	Q3419
Lab Sample ID:	I.BLK-PD090788.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	10/23/25	Pd102325
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/23/25	Pd102325
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/23/25	Pd102325
58-89-9	gamma-BHC (Lindane)	0.050	U	1					

Report of Analysis

Client:	AECOM		Date Collected:	10/23/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/23/25
Client Sample ID:	PIBLK-PD090799.D		SDG No.:	Q3419
Lab Sample ID:	I.BLK-PD090799.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	10/23/25	Pd102325
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/23/25	Pd102325
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/23/25	Pd102325
58-89-9	gamma-BHC (Lindane)	0.050	U	1					

Report of Analysis

Client:	AECOM		Date Collected:	10/24/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/24/25
Client Sample ID:	PIBLK-PD090808.D		SDG No.:	Q3419
Lab Sample ID:	I.BLK-PD090808.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	10/24/25	pd102425
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/24/25	pd102425
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/24/25	pd102425
58-89-9	gamma-BHC (Lindane)	0.050	U	1	0.0037				

Report of Analysis

Client:	AECOM		Date Collected:	10/24/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/24/25
Client Sample ID:	PIBLK-PD090823.D		SDG No.:	Q3419
Lab Sample ID:	I.BLK-PD090823.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	10/24/25	pd102425
319-85-7	beta-BHC	0.050	U	1	0.0049	0.050	ug/L	10/24/25	pd102425
319-86-8	delta-BHC	0.050	U	1	0.011	0.050	ug/L	10/24/25	pd102425
58-89-9	gamma-BHC (Lindane)	0.050	U						

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170213BS		SDG No.:	Q3419
Lab Sample ID:	PB170213BS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/23/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	15.7		1	0.13	1.70	ug/kg	10/23/25 13:30	PB170213
319-85-7	beta-BHC	15.6		1	0.18	1.70	ug/kg	10/23/25 13:30	PB170213
319-86-8	delta-BHC	15.9		1	0.39	1.70	ug/kg	10/23/25 13:30	PB170213
58-89-9	gamma-BHC (Lindane)	15.7		1	0.14				



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3419</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	

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3419

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.: Q3419

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.: Q3419

Continuing Calib Date: 10/23/2025

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

10/17/2025

Continuing Calib Time: 09:51

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				

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3419

Continuing Calib Date: 10/23/2025

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

10/17/2025

Continuing Calib Time: 09:51

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	4.25	4.26			

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3419
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090777.D **Time Analyzed:** 09:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.700	6.600	6.800	51.850	50.000	3.7
4,4'-DDE	6.189	6.090	6.290	48.380	50.000	-3.2
4,4'-DDT	7.015	6.915	7.115	50.550	50.000	1.1
Aldrin	5.264	5.164	5.364	48.990	50.000	-2.0
alpha-BHC	3.993	3.894	4.094	48.830	50.000	-2.3
alpha-Chlordane	6.020	5.921	6.121	47.100	50.000	-5.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3419
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090777.D **Time Analyzed:** 09:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.919	5.821	6.021	52.340	50.000	4.7
4,4'-DDE	5.365	5.266	5.466	50.620	50.000	1.2
4,4'-DDT	6.173	6.074	6.274	52.390	50.000	4.8
Aldrin	4.359	4.261	4.461	49.350	50.000	-1.3
alpha-BHC	3.385	3.287	3.487	49.170	50.000	-1.7
alpha-Chlordane	5.180	5.081	5.281	50.430	50.000	0.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3419

Continuing Calib Date: 10/23/2025

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

10/17/2025

Continuing Calib Time: 15:52

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	0.00
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				

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3419

Continuing Calib Date: 10/23/2025

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

10/17/2025

Continuing Calib Time: 15:52

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	4.25				

