

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169592BS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169592BS

Date(s) Analyzed: 09/09/2025 09/09/2025

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	18.1	2.7
	2	5.92	5.87	5.97	18.6	
4,4'-DDE	1	6.20	6.15	6.25	17.3	0
	2	5.37	5.32	5.42	17.3	
4,4'-DDT	1	7.03	6.98	7.08	12.5	13.4
	2	6.18	6.13	6.23	14.3	
alpha-BHC	1	4.01	3.96	4.06	16.8	0.6
	2	3.39	3.34	3.44	16.9	
Aldrin	1	5.28	5.23	5.33	17.2	0.6
	2	4.36	4.31	4.41	17.1	
alpha-Chlordane	1	6.03	5.98	6.08	17.0	0.6
	2	5.18	5.13	5.23	17.1	
Endosulfan II	1	6.79	6.74	6.84	16.8	2.9
	2	6.08	6.03	6.13	17.3	
Endosulfan sulfate	1	7.16	7.11	7.21	16.3	2.4
	2	6.48	6.43	6.53	16.7	
beta-BHC	1	4.52	4.47	4.57	16.3	3
	2	4.02	3.97	4.07	16.8	
delta-BHC	1	4.77	4.72	4.82	15.4	6.7
	2	4.26	4.21	4.31	14.4	
Endosulfan I	1	6.08	6.03	6.13	17.0	0.6
	2	5.24	5.19	5.29	17.1	
Dieldrin	1	6.35	6.30	6.40	17.2	0.6
	2	5.51	5.46	5.56	17.3	
Endrin aldehyde	1	6.92	6.87	6.97	18.7	3.7
	2	6.25	6.20	6.30	19.4	
Methoxychlor	1	7.50	7.45	7.55	12.6	6.9
	2	6.75	6.70	6.80	13.5	

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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	7.64	7.59	7.69	18.2	3.8
	2	6.99	6.94	7.04	18.9	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	16.6	1.8
	2	3.73	3.68	3.78	16.9	
Heptachlor	1	4.94	4.89	4.99	15.9	0.6
	2	4.08	4.03	4.13	15.8	
Heptachlor epoxide	1	5.70	5.65	5.75	16.9	0.6
	2	4.87	4.82	4.92	17.0	
gamma-Chlordane	1	5.95	5.90	6.00	17.1	1.2
	2	5.12	5.07	5.17	17.3	
Endrin	1	6.58	6.53	6.63	13.5	4.3
	2	5.78	5.73	5.83	14.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01

Date(s) Analyzed: 09/08/2025 09/08/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
gamma-Chlordane	1	5.94	5.89	5.99	0.29	5.4
	2	5.12	5.07	5.17	0.31	
alpha-Chlordane	1	6.03	5.98	6.08	0.57	75.7
	2	5.18	5.13	5.23	0.26	
Dieldrin	1	6.34	6.29	6.39	0.18	84.3
	2	5.50	5.45	5.55	0.45	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MS

Date(s) Analyzed: 09/08/2025 09/08/2025

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	17.7	3.3
	2	6.07	6.02	6.12	18.3	
4,4'-DDD	1	6.70	6.65	6.75	19.1	7
	2	5.92	5.87	5.97	17.8	
4,4'-DDT	1	7.02	6.97	7.07	16.2	2.4
	2	6.18	6.13	6.23	16.6	
Endrin aldehyde	1	6.91	6.86	6.96	18.8	0
	2	6.25	6.20	6.30	18.8	
Endosulfan sulfate	1	7.15	7.10	7.20	17.3	0.6
	2	6.48	6.43	6.53	17.2	
Methoxychlor	1	7.49	7.44	7.54	14.6	6
	2	6.75	6.70	6.80	15.5	
Endrin ketone	1	7.63	7.58	7.68	17.4	6.5
	2	6.98	6.93	7.03	16.3	
alpha-BHC	1	4.00	3.95	4.05	19.3	0
	2	3.39	3.34	3.44	19.3	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	19.6	2.1
	2	3.73	3.68	3.78	19.2	
Heptachlor	1	4.93	4.88	4.98	18.0	2.7
	2	4.08	4.03	4.13	18.5	
Aldrin	1	5.27	5.22	5.32	19.1	0.5
	2	4.36	4.31	4.41	19.0	
beta-BHC	1	4.52	4.47	4.57	18.0	31.4
	2	4.02	3.97	4.07	24.7	
delta-BHC	1	4.76	4.71	4.81	20.3	7.1
	2	4.26	4.21	4.31	18.9	
Heptachlor epoxide	1	5.69	5.64	5.74	18.7	1.1
	2	4.87	4.82	4.92	18.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MS

Date(s) Analyzed: 09/08/2025 09/08/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	18.8	6.6
	2	5.24	5.19	5.29	17.6	
gamma-Chlordane	1	5.94	5.89	5.99	18.7	4.2
	2	5.12	5.07	5.17	19.5	
alpha-Chlordane	1	6.02	5.97	6.07	19.0	1
	2	5.18	5.13	5.23	19.2	
4,4'-DDE	1	6.19	6.14	6.24	17.9	4.4
	2	5.37	5.32	5.42	18.7	
Dieldrin	1	6.34	6.29	6.39	18.6	3.7
	2	5.51	5.46	5.56	19.3	
Endrin	1	6.57	6.52	6.62	18.1	1.6
	2	5.78	5.73	5.83	18.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MSD

Date(s) Analyzed: 09/08/2025 09/08/2025

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	17.6	2.8
	2	6.07	6.02	6.12	18.1	
4,4'-DDD	1	6.70	6.65	6.75	19.0	7.1
	2	5.92	5.87	5.97	17.7	
4,4'-DDT	1	7.02	6.97	7.07	16.4	0.6
	2	6.18	6.13	6.23	16.5	
Endrin aldehyde	1	6.91	6.86	6.96	18.7	1.1
	2	6.25	6.20	6.30	18.5	
Endosulfan sulfate	1	7.15	7.10	7.20	17.1	0.6
	2	6.48	6.43	6.53	17.0	
Methoxychlor	1	7.49	7.44	7.54	14.5	5.4
	2	6.74	6.69	6.79	15.3	
Endrin ketone	1	7.63	7.58	7.68	17.3	7.8
	2	6.98	6.93	7.03	16.0	
alpha-BHC	1	4.00	3.95	4.05	19.3	0
	2	3.39	3.34	3.44	19.3	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	19.6	2.1
	2	3.73	3.68	3.78	19.2	
Heptachlor	1	4.93	4.88	4.98	18.1	2.2
	2	4.08	4.03	4.13	18.5	
Aldrin	1	5.27	5.22	5.32	18.9	0.5
	2	4.36	4.31	4.41	19.0	
beta-BHC	1	4.51	4.46	4.56	18.0	31.4
	2	4.02	3.97	4.07	24.7	
delta-BHC	1	4.76	4.71	4.81	20.6	9.1
	2	4.26	4.21	4.31	18.8	
Heptachlor epoxide	1	5.69	5.64	5.74	18.7	1.6
	2	4.87	4.82	4.92	19.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MSD

Date(s) Analyzed: 09/08/2025 09/08/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	18.7	6.6
	2	5.24	5.19	5.29	17.5	
gamma-Chlordane	1	5.94	5.89	5.99	18.4	6.3
	2	5.12	5.07	5.17	19.6	
alpha-Chlordane	1	6.02	5.97	6.07	18.8	1.6
	2	5.18	5.13	5.23	19.1	
4,4'-DDE	1	6.19	6.14	6.24	17.9	3.8
	2	5.37	5.32	5.42	18.6	
Dieldrin	1	6.34	6.29	6.39	18.6	3.2
	2	5.51	5.46	5.56	19.2	
Endrin	1	6.57	6.52	6.62	18.0	1.1
	2	5.78	5.73	5.83	18.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-2

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-04

Date(s) Analyzed: 09/08/2025 09/08/2025

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	1.70	0
	2	5.92	5.87	5.97	1.70	
4,4'-DDT	1	7.02	6.97	7.07	6.90	1.5
	2	6.18	6.13	6.23	6.80	
alpha-Chlordane	1	6.03	5.98	6.08	1.10	49
	2	5.18	5.13	5.23	0.67	
4,4'-DDE	1	6.19	6.14	6.24	1.30	26.7
	2	5.37	5.32	5.42	1.70	
gamma-Chlordane	1	5.94	5.89	5.99	0.55	44.3
	2	5.12	5.07	5.17	0.35	
Endrin	1	6.57	6.52	6.62	0.20	138.5
	2	5.79	5.74	5.84	1.10	