

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

17M-WMS

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab Sample ID: Q2819-14MS

Date(s) Analyzed: 08/14/2025 08/14/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.79	6.74	6.84	21.8	128.4
	2	6.08	6.03	6.13	100	
4,4'-DDD	1	6.70	6.65	6.75	16.3	4.4
	2	5.93	5.88	5.98	15.6	
4,4'-DDT	1	7.02	6.97	7.07	23.7	30.4
	2	6.18	6.13	6.23	32.2	
Endosulfan sulfate	1	7.15	7.10	7.20	20.3	4.8
	2	6.48	6.43	6.53	21.3	
alpha-BHC	1	4.00	3.95	4.05	20.0	13.1
	2	3.39	3.34	3.44	22.8	
Aldrin	1	5.26	5.21	5.31	14.7	55.2
	2	4.37	4.32	4.42	25.9	
beta-BHC	1	4.52	4.47	4.57	19.1	17.7
	2	4.02	3.97	4.07	22.8	
delta-BHC	1	4.76	4.71	4.81	19.3	18.8
	2	4.26	4.21	4.31	23.3	
Endosulfan I	1	6.07	6.02	6.12	19.2	21
	2	5.24	5.19	5.29	23.7	
alpha-Chlordane	1	6.03	5.98	6.08	384	50.2
	2	5.18	5.13	5.23	230	
4,4'-DDE	1	6.19	6.14	6.24	30.5	15.2
	2	5.37	5.32	5.42	26.2	
Dieldrin	1	6.35	6.30	6.40	20.3	19.6
	2	5.51	5.46	5.56	24.7	
Endrin aldehyde	1	6.91	6.86	6.96	21.1	8.2
	2	6.26	6.21	6.31	22.9	
Methoxychlor	1	7.49	7.44	7.54	14.6	27.2
	2	6.75	6.70	6.80	19.2	

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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	7.63	7.58	7.68	16.5	24
	2	6.99	6.94	7.04	21.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	19.3	17.1
	2	3.73	3.68	3.78	22.9	
Heptachlor	1	4.93	4.88	4.98	19.2	13.6
	2	4.08	4.03	4.13	22.0	
Heptachlor epoxide	1	5.68	5.63	5.73	26.6	16.6
	2	4.87	4.82	4.92	31.4	
gamma-Chlordane	1	5.94	5.89	5.99	327	49.6
	2	5.13	5.08	5.18	197	
Endrin	1	6.57	6.52	6.62	16.9	68.2
	2	5.79	5.74	5.84	34.4	

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GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aldrin	1	5.26	5.21	5.31	24.7	4
	2	4.37	4.32	4.42	25.7	
beta-BHC	1	4.52	4.47	4.57	19.0	18.2
	2	4.02	3.97	4.07	22.8	
delta-BHC	1	4.76	4.71	4.81	19.5	18.6
	2	4.26	4.21	4.31	23.5	
Heptachlor epoxide	1	5.68	5.63	5.73	28.8	8
	2	4.87	4.82	4.92	31.2	
Endosulfan I	1	6.07	6.02	6.12	19.1	17.7
	2	5.24	5.19	5.29	16.0	
gamma-Chlordane	1	5.95	5.90	6.00	325	50
	2	5.13	5.08	5.18	195	
alpha-Chlordane	1	6.03	5.98	6.08	383	49.5
	2	5.18	5.13	5.23	231	
4,4'-DDE	1	6.19	6.14	6.24	30.1	15.8
	2	5.37	5.32	5.42	25.7	
Dieldrin	1	6.35	6.30	6.40	20.3	19.6
	2	5.51	5.46	5.56	24.7	
Endrin	1	6.57	6.52	6.62	15.3	76.6
	2	5.79	5.74	5.84	34.3	
Endosulfan II	1	6.79	6.74	6.84	21.7	129.3
	2	6.09	6.04	6.14	101	
4,4'-DDD	1	6.70	6.65	6.75	16.8	35.3
	2	5.92	5.87	5.97	24.0	
4,4'-DDT	1	7.02	6.97	7.07	24.7	29.7
	2	6.18	6.13	6.23	33.3	
Endrin aldehyde	1	6.91	6.86	6.96	22.2	6.5
	2	6.26	6.21	6.31	23.7	

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SDG NO.: Q2820

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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 sulfate	1	7.15	7.10	7.20	20.4	6.6
	2	6.48	6.43	6.53	21.8	
Methoxychlor	1	7.49	7.44	7.54	17.3	16.9
	2	6.75	6.70	6.80	20.5	
Endrin ketone	1	7.63	7.58	7.68	17.0	23.8
	2	6.99	6.94	7.04	21.6	
alpha-BHC	1	4.00	3.95	4.05	19.9	13.1
	2	3.39	3.34	3.44	22.7	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	19.2	18
	2	3.73	3.68	3.78	23.0	
Heptachlor	1	4.93	4.88	4.98	19.9	14
	2	4.08	4.03	4.13	22.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

22M-S

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab Sample ID: Q2820-24

Date(s) Analyzed: 08/14/2025 08/14/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Heptachlor epoxide	1	5.69	5.64	5.74	0.46	82
	2	4.87	4.82	4.92	1.10	
gamma-Chlordane	1	5.94	5.89	5.99	1.40	0
	2	5.12	5.07	5.17	1.40	
alpha-Chlordane	1	6.03	5.98	6.08	3.00	44.9
	2	5.19	5.14	5.24	1.90	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

705R-S

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab Sample ID: Q2820-09

Date(s) Analyzed: 08/14/2025 08/14/2025

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	3.30	26.3
	2	5.93	5.88	5.98	4.30	
4,4'-DDE	1	6.19	6.14	6.24	1.10	24
	2	5.37	5.32	5.42	1.40	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

705R-SRE

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab Sample ID: Q2820-09RE

Date(s) Analyzed: 08/15/2025 08/15/2025

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	3.30	26.3
	2	5.92	5.87	5.97	4.30	
4,4'-DDE	1	6.19	6.14	6.24	1.10	24
	2	5.37	5.32	5.42	1.40	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169206BS

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab Sample ID: PB169206BS

Date(s) Analyzed: 08/12/2025 08/12/2025

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	16.1	22.1
	2	5.92	5.87	5.97	20.1	
4,4'-DDE	1	6.19	6.14	6.24	15.5	19.8
	2	5.37	5.32	5.42	18.9	
4,4'-DDT	1	7.02	6.97	7.07	13.0	26.1
	2	6.18	6.13	6.23	16.9	
alpha-BHC	1	4.00	3.95	4.05	15.8	16.8
	2	3.39	3.34	3.44	18.7	
Aldrin	1	5.27	5.22	5.32	15.7	18
	2	4.36	4.31	4.41	18.8	
alpha-Chlordane	1	6.02	5.97	6.07	15.4	20.4
	2	5.19	5.14	5.24	18.9	
Endosulfan II	1	6.78	6.73	6.83	15.0	22.5
	2	6.08	6.03	6.13	18.8	
Endosulfan sulfate	1	7.15	7.10	7.20	14.8	21.1
	2	6.48	6.43	6.53	18.3	
beta-BHC	1	4.51	4.46	4.56	15.6	18.1
	2	4.02	3.97	4.07	18.7	
delta-BHC	1	4.76	4.71	4.81	16.1	16
	2	4.26	4.21	4.31	18.9	
Endosulfan I	1	6.07	6.02	6.12	15.4	19.4
	2	5.24	5.19	5.29	18.7	
Dieldrin	1	6.34	6.29	6.39	15.3	20.5
	2	5.51	5.46	5.56	18.8	
Endrin aldehyde	1	6.91	6.86	6.96	16.4	21.3
	2	6.25	6.20	6.30	20.3	
Methoxychlor	1	7.49	7.44	7.54	12.5	25.8
	2	6.75	6.70	6.80	16.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169206BS

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab Sample ID: PB169206BS

Date(s) Analyzed: 08/12/2025 08/12/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	15.3	24.1
	2	6.99	6.94	7.04	19.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.7	17.4
	2	3.73	3.68	3.78	18.7	
Heptachlor	1	4.93	4.88	4.98	14.7	18.5
	2	4.08	4.03	4.13	17.7	
Heptachlor epoxide	1	5.69	5.64	5.74	15.4	18.8
	2	4.87	4.82	4.92	18.6	
gamma-Chlordane	1	5.94	5.89	5.99	15.5	19.8
	2	5.12	5.07	5.17	18.9	
Endrin	1	6.57	6.52	6.62	13.5	21.2
	2	5.78	5.73	5.83	16.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-DUP-2

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab Sample ID: Q2820-10

Date(s) Analyzed: 08/14/2025 08/14/2025

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	1.40	6.9
	2	5.93	5.88	5.98	1.50	
4,4'-DDE	1	6.19	6.14	6.24	0.43	34.2
	2	5.37	5.32	5.42	0.61	