

LAB CHRONICLE

OrderID:	Q2681	OrderDate:	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	NYPA
Contact:	Roland Scardino	Location:	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	NYPA-POUCH-SPENT-CARBON	SOIL			07/23/25			07/23/25
			PCB	8082A		07/24/25	07/25/25	
			TCLP Herbicide	8151A		07/29/25	07/30/25	
			TCLP Pesticide	8081B		07/29/25	07/29/25	

Hit Summary Sheet
SW-846

SDG No.: Q2681

Order ID: Q2681

Client: Core Environmental Consultants and Services, In

Project ID: NYPA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:		
Project:	NYPA		Date Received:	07/29/25	
Client Sample ID:	PB168986TB		SDG No.:	Q2681	
Lab Sample ID:	PB168986TB		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096629.D	1	07/29/25 08:48	07/29/25 17:58	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.50	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.50	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.50	U	0.096	0.50	ug/L
72-20-8	Endrin	0.50	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.50	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		61 - 148	98%	SPK: 20

Comments:

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:	Core Environmental Consultants and Services, Inc.		Date Collected:	07/23/25	
Project:	NYPA		Date Received:	07/23/25	
Client Sample ID:	NYPA-POUCH-SPENT-CARBON		SDG No.:	Q2681	
Lab Sample ID:	Q2681-01		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096630.D	1	07/29/25 08:48	07/29/25 18:11	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.50	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.50	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.50	U	0.096	0.50	ug/L
72-20-8	Endrin	0.50	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.50	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.8		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		61 - 148	84%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q2681**

Client: **Core Environmental Consultants and Ser**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL096593.D	PIBLK-PL096593.D	Decachlorobiphen	1	20	19.2	96		57	171
		Tetrachloro-m-xyl	1	20	18.6	93		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	18.3	92		61	148
I.BLK-PL096625.D	PIBLK-PL096625.D	Decachlorobiphen	1	20	22.9	114		57	171
		Tetrachloro-m-xyl	1	20	21.0	105		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	21.7	108		61	148
PB169038BL	PB169038BL	Decachlorobiphen	1	20	19.5	97		57	171
		Tetrachloro-m-xyl	1	20	18.3	92		61	148
		Decachlorobiphen	2	20	20.6	103		57	171
		Tetrachloro-m-xyl	2	20	19.4	97		61	148
PB169038BS	PB169038BS	Decachlorobiphen	1	20	18.9	95		57	171
		Tetrachloro-m-xyl	1	20	17.9	90		61	148
		Decachlorobiphen	2	20	20.0	100		57	171
		Tetrachloro-m-xyl	2	20	18.9	94		61	148
PB168986TB	PB168986TB	Decachlorobiphen	1	20	19.8	99		57	171
		Tetrachloro-m-xyl	1	20	18.7	93		61	148
		Decachlorobiphen	2	20	20.9	104		57	171
		Tetrachloro-m-xyl	2	20	19.7	98		61	148
Q2681-01	NYPA-POUCH-SPENT-CARBOD	Decachlorobiphen	1	20	19.6	98		57	171
		Tetrachloro-m-xyl	1	20	15.9	79		61	148
		Decachlorobiphen	2	20	20.8	104		57	171
		Tetrachloro-m-xyl	2	20	16.9	84		61	148
Q2681-01MS	NYPA-POUCH-SPENT-CARBOD	Decachlorobiphen	1	20	20.4	102		57	171
		Tetrachloro-m-xyl	1	20	16.4	82		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	17.5	87		61	148
Q2681-01MSD	NYPA-POUCH-SPENT-CARBOD	Decachlorobiphen	1	20	20.6	103		57	171
		Tetrachloro-m-xyl	1	20	16.8	84		61	148
		Decachlorobiphen	2	20	21.7	109		57	171
		Tetrachloro-m-xyl	2	20	17.9	89		61	148
I.BLK-PL096633.D	PIBLK-PL096633.D	Decachlorobiphen	1	20	21.6	108		57	171
		Tetrachloro-m-xyl	1	20	20.7	103		61	148
		Decachlorobiphen	2	20	23.3	116		57	171
		Tetrachloro-m-xyl	2	20	21.5	108		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2681</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PL096631.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result				Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2681-01MS	Client Sample ID:		NYPA-POUCH-SPENT-CA								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	4.80	ug/L	96				60	152	
	Heptachlor	5	0	4.60	ug/L	92				56	147	
	Heptachlor epoxide	5	0	4.90	ug/L	98				77	143	
	Endrin	5	0	5.00	ug/L	100				76	144	
	Methoxychlor	5	0	4.80	ug/L	96				70	142	
Lab Sample ID:	Q2681-01MS	Client Sample ID:		NYPA-POUCH-SPENT-CA								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.00	ug/L	100				60	152	
	Heptachlor	5	0	4.70	ug/L	94				56	147	
	Heptachlor epoxide	5	0	5.00	ug/L	100				77	143	
	Endrin	5	0	5.00	ug/L	100				76	144	
	Methoxychlor	5	0	4.90	ug/L	98				70	142	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2681</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PL096632.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result				Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2681-01MSD (Column 1)	Client Sample ID:		NYPA-POUCH-SPENT-CA								
	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		60	152	20
	Heptachlor	5	0	4.70	ug/L	94		2		56	147	20
	Heptachlor epoxide	5	0	5.00	ug/L	100		2		77	143	20
	Endrin	5	0	5.00	ug/L	100		0		76	144	20
	Methoxychlor	5	0	4.80	ug/L	96		0		70	142	20
Lab Sample ID:	Q2681-01MSD (Column 2)	Client Sample ID:		NYPA-POUCH-SPENT-CA								
	gamma-BHC (Lindane)	5	0	5.10	ug/L	102		2		60	152	20
	Heptachlor	5	0	4.80	ug/L	96		2		56	147	20
	Heptachlor epoxide	5	0	5.10	ug/L	102		2		77	143	20
	Endrin	5	0	5.20	ug/L	104		4		76	144	20
	Methoxychlor	5	0	5.00	ug/L	100		2		70	142	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2681</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Core Environmental Consultants and Serv</u>	Datafile :	<u>PL096628.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169038BS (Column 1)	gamma-BHC (Lindane)	0.5	0.48	ug/L	97				82	129		
	Heptachlor	0.5	0.49	ug/L	98				79	127		
	Heptachlor epoxide	0.5	0.49	ug/L	98				81	124		
	Endrin	0.5	0.47	ug/L	94				81	128		
	Methoxychlor	0.5	0.46	ug/L	93				78	108		
PB169038BS (Column 2)	gamma-BHC (Lindane)	0.5	0.51	ug/L	102				82	129		
	Heptachlor	0.5	0.50	ug/L	100				79	127		
	Heptachlor epoxide	0.5	0.50	ug/L	101				81	124		
	Endrin	0.5	0.51	ug/L	103				81	128		
	Methoxychlor	0.5	0.48	ug/L	95				78	108		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169038BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Lab Sample ID: PB169038BL

Lab File ID: PL096627.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/29/2025

Date Analyzed (1): 07/29/2025

Date Analyzed (2): 07/29/2025

Time Analyzed (1): 17:31

Time Analyzed (2): 17:31

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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
PB169038BS	PB169038BS	PL096628.D	07/29/2025	07/29/2025
PB168986TB	PB168986TB	PL096629.D	07/29/2025	07/29/2025
NYPA-POUCH-SPENT-CARBON	Q2681-01	PL096630.D	07/29/2025	07/29/2025
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	PL096631.D	07/29/2025	07/29/2025
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	PL096632.D	07/29/2025	07/29/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:		
Project:	NYPA		Date Received:		
Client Sample ID:	PB169038BL		SDG No.:	Q2681	
Lab Sample ID:	PB169038BL		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096627.D	1	07/29/25 08:48	07/29/25 17:31	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.050	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		61 - 148	97%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	07/28/25	
Project:	NYPA		Date Received:	07/28/25	
Client Sample ID:	PIBLK-PL096593.D		SDG No.:	Q2681	
Lab Sample ID:	I.BLK-PL096593.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096593.D	1		07/28/25	pl072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.050	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
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2051-24-3	Decachlorobiphenyl	19.2		57 - 171	96%	SPK: 20
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Project:	NYPA		Date Received:	07/29/25	
Client Sample ID:	PIBLK-PL096625.D		SDG No.:	Q2681	
Lab Sample ID:	I.BLK-PL096625.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096625.D	1		07/29/25	pl072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
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Project:	NYPA		Date Received:	07/29/25	
Client Sample ID:	PIBLK-PL096633.D		SDG No.:	Q2681	
Lab Sample ID:	I.BLK-PL096633.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096633.D	1		07/29/25	pl072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.050	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.3		57 - 171	116%	SPK: 20
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	NYPA		Date Received:	
Client Sample ID:	PB169038BS		SDG No.:	Q2681
Lab Sample ID:	PB169038BS		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Decanted:	
Soil Aliquot Vol:		uL	Final Vol:	10000 uL
Extraction Type:			Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	Injection Volume :	
Prep Method :	3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096628.D	1	07/29/25 08:48	07/29/25 17:44	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.51		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.50		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.50		0.0096	0.050	ug/L
72-20-8	Endrin	0.51		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.48		0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		57 - 171	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		61 - 148	94%	SPK: 20

Comments:

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:	Core Environmental Consultants and Services, Inc.		Date Collected:	07/23/25	
Project:	NYPA		Date Received:	07/23/25	
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMS		SDG No.:	Q2681	
Lab Sample ID:	Q2681-01MS		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096631.D	1	07/29/25 08:48	07/29/25 18:25	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.00		0.037	0.50	ug/L
76-44-8	Heptachlor	4.70		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.00		0.096	0.50	ug/L
72-20-8	Endrin	5.00		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.90		0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.4		57 - 171	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		61 - 148	87%	SPK: 20

Comments:

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:	Core Environmental Consultants and Services, Inc.		Date Collected:	07/23/25	
Project:	NYPA		Date Received:	07/23/25	
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMSD		SDG No.:	Q2681	
Lab Sample ID:	Q2681-01MSD		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096632.D	1	07/29/25 08:48	07/29/25 18:39	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.10		0.037	0.50	ug/L
76-44-8	Heptachlor	4.80		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.10		0.096	0.50	ug/L
72-20-8	Endrin	5.20		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.00		0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.7		57 - 171	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		61 - 148	89%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2681</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>07/28/2025</u> <u>07/28/2025</u>
		Calibration Times:	<u>16:52</u> <u>17:47</u>

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

LAB FILE ID:	RT 100 = <u>PL096596.D</u>	RT 075 = <u>PL096597.D</u>
RT 050 = <u>PL096598.D</u>	RT 025 = <u>PL096599.D</u>	RT 005 = <u>PL096600.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
Endrin	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
gamma-BHC (Lindane)	4.31	4.31	4.31	4.31	4.31	4.31	4.21	4.41
Heptachlor	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Heptachlor epoxide	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Methoxychlor	7.46	7.46	7.46	7.46	7.46	7.46	7.36	7.56
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.53	3.53	3.43	3.63

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: CORE02

Lab Code: **ACE**

SDG NO.: Q2681

Instrument ID: ECD_L

Calibration Date(s): **07/28/2025** **07/28/2025**

Calibration Times: **16:52** **17:47**

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

LAB FILE ID:	RT 100 = <u>PL096596.D</u>	RT 075 = <u>PL096597.D</u>
RT 050 = PL096598.D	RT 025 = PL096599.D	RT 005 = PL096600.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2681

Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID:							
CF 100 = <u>PL096596.D</u>		CF 075 = <u>PL096597.D</u>					
CF 050 = <u>PL096598.D</u>		CF 025 = <u>PL096599.D</u>		CF 005 = <u>PL096600.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2289370000	2250980000	2316430000	2450150000	2616360000	2384660000	6
Endrin	3129990000	2990370000	2986700000	3066080000	2960790000	3026790000	2
gamma-BHC (Lindane)	4576650000	4410990000	4390520000	4378210000	4360850000	4423440000	2
Heptachlor	4215340000	4096230000	4129500000	4154230000	4183150000	4155690000	1
Heptachlor epoxide	3888140000	3791890000	3847180000	3911860000	3843640000	3856540000	1
Methoxychlor	1449590000	1444460000	1478010000	1507550000	1462160000	1468350000	2
Tetrachloro-m-xylene	3176500000	3106160000	3136600000	3226680000	3257980000	3180780000	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2681

Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID:		CF 100 =	<u>PL096596.D</u>	CF 075 =	<u>PL096597.D</u>		
CF 050 =		<u>PL096598.D</u>	CF 025 =	<u>PL096599.D</u>	CF 005 =	<u>PL096600.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4108230000	4098750000	4223500000	4429960000	4831160000	4338320000	7
Endrin	5415430000	5344790000	5376200000	5344400000	5549010000	5405970000	2
gamma-BHC (Lindane)	6730030000	6610730000	6634310000	6589530000	6452200000	6603360000	2
Heptachlor	6694450000	6605950000	6658580000	6695280000	6655490000	6661950000	1
Heptachlor epoxide	5706360000	5635230000	5698940000	5730960000	5785230000	5711340000	1
Methoxychlor	2677460000	2673930000	2731560000	2788840000	2830690000	2740500000	3
Tetrachloro-m-xylene	4740810000	4674260000	4731000000	4815490000	4927290000	4777770000	2

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2681

Instrument ID: ECD_L Date(s) Analyzed: 07/28/2025 07/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.69	4.59	4.79	161999000
		2	5.21	5.11	5.31	166820000
		3	5.92	5.82	6.02	653028000
		4	6.00	5.90	6.10	807063000
		5	6.84	6.74	6.94	127993000
Toxaphene	500	1	6.21	6.11	6.31	29153500
		2	6.61	6.51	6.71	24445000
		3	7.02	6.92	7.12	110273000
		4	7.11	7.01	7.21	81046400
		5	7.89	7.79	7.99	57873100

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2681

Instrument ID: ECD_L Date(s) Analyzed: 07/28/2025 07/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.84	3.74	3.94	200134000
		2	4.42	4.32	4.52	230006000
		3	5.05	4.95	5.15	672187000
		4	5.12	5.02	5.22	601242000
		5	6.01	5.91	6.11	244798000
Toxaphene	500	1	5.07	4.97	5.17	34047600
		2	5.76	5.66	5.86	44078700
		3	6.04	5.94	6.14	44632800
		4	6.67	6.57	6.77	147063000
		5	7.11	7.01	7.21	92006100

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2681</u>
Continuing Calib Date:	<u>07/29/2025</u>	Initial Calibration Date(s):	<u>07/28/2025</u> <u>07/28/2025</u>
Continuing Calib Time:	<u>17:17</u>	Initial Calibration Time(s):	<u>16:52</u> <u>17:47</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.01	9.02	8.92	9.12	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.90	4.80	5.00	0.00
Heptachlor epoxide	5.66	5.66	5.56	5.76	0.00
Endrin	6.54	6.54	6.44	6.64	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2681</u>
Continuing Calib Date:	<u>07/29/2025</u>	Initial Calibration Date(s):	<u>07/28/2025</u> <u>07/28/2025</u>
Continuing Calib Time:	<u>17:17</u>	Initial Calibration Time(s):	<u>16:52</u> <u>17:47</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.99	7.99	7.89	8.09	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096626.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.014	8.916	9.116	51.220	50.000	2.4
Endrin	6.542	6.442	6.642	49.510	50.000	-1.0
gamma-BHC (Lindane)	4.310	4.210	4.410	51.420	50.000	2.8
Heptachlor	4.902	4.803	5.003	52.100	50.000	4.2
Heptachlor epoxide	5.662	5.562	5.762	51.800	50.000	3.6
Methoxychlor	7.461	7.362	7.562	50.320	50.000	0.6
Tetrachloro-m-xylene	3.535	3.435	3.635	51.480	50.000	3.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096626.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.991	7.892	8.092	50.050	50.000	0.1
Endrin	5.709	5.609	5.809	53.290	50.000	6.6
gamma-BHC (Lindane)	3.665	3.565	3.765	54.670	50.000	9.3
Heptachlor	4.014	3.914	4.114	53.830	50.000	7.7
Heptachlor epoxide	4.799	4.699	4.899	53.440	50.000	6.9
Methoxychlor	6.680	6.581	6.781	50.170	50.000	0.3
Tetrachloro-m-xylene	2.828	2.728	2.928	54.190	50.000	8.4

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2681</u>
Continuing Calib Date:	<u>07/29/2025</u>	Initial Calibration Date(s):	<u>07/28/2025</u> <u>07/28/2025</u>
Continuing Calib Time:	<u>19:06</u>	Initial Calibration Time(s):	<u>16:52</u> <u>17:47</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.90	4.80	5.00	0.00
Heptachlor epoxide	5.66	5.66	5.56	5.76	0.00
Endrin	6.54	6.54	6.44	6.64	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2681</u>
Continuing Calib Date:	<u>07/29/2025</u>	Initial Calibration Date(s):	<u>07/28/2025</u> <u>07/28/2025</u>
Continuing Calib Time:	<u>19:06</u>	Initial Calibration Time(s):	<u>16:52</u> <u>17:47</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.99	7.99	7.89	8.09	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.02	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096634.D **Time Analyzed:** 19:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.015	8.916	9.116	50.570	50.000	1.1
Endrin	6.542	6.442	6.642	50.490	50.000	1.0
gamma-BHC (Lindane)	4.311	4.210	4.410	50.850	50.000	1.7
Heptachlor	4.903	4.803	5.003	51.800	50.000	3.6
Heptachlor epoxide	5.662	5.562	5.762	51.380	50.000	2.8
Methoxychlor	7.462	7.362	7.562	49.820	50.000	-0.4
Tetrachloro-m-xylene	3.535	3.435	3.635	50.770	50.000	1.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096634.D **Time Analyzed:** 19:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.992	7.892	8.092	53.500	50.000	7.0
Endrin	5.710	5.609	5.809	53.520	50.000	7.0
gamma-BHC (Lindane)	3.665	3.565	3.765	54.040	50.000	8.1
Heptachlor	4.015	3.914	4.114	53.220	50.000	6.4
Heptachlor epoxide	4.799	4.699	4.899	53.230	50.000	6.5
Methoxychlor	6.681	6.581	6.781	51.370	50.000	2.7
Tetrachloro-m-xylene	2.828	2.728	2.928	53.200	50.000	6.4

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096594.D Date Analyzed: 07/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.017	8.920	9.120	21.270	20.000	6.4
Tetrachloro-m-xylene	3.535	3.480	3.590	20.960	20.000	4.8
alpha-BHC	3.983	3.930	4.030	10.440	10.000	4.4
beta-BHC	4.498	4.450	4.550	10.520	10.000	5.2
gamma-BHC (Lindane)	4.311	4.260	4.360	10.550	10.000	5.5
Endrin	6.543	6.470	6.610	54.020	50.000	8.0
4,4'-DDT	6.990	6.920	7.060	109.500	100.000	9.5
Methoxychlor	7.463	7.390	7.530	267.200	250.000	6.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096594.D Date Analyzed: 07/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.992	7.890	8.090	20.870	20.000	4.4
Tetrachloro-m-xylene	2.828	2.780	2.880	20.780	20.000	3.9
alpha-BHC	3.333	3.280	3.380	10.270	10.000	2.7
beta-BHC	3.962	3.910	4.010	10.840	10.000	8.4
gamma-BHC (Lindane)	3.666	3.620	3.720	10.440	10.000	4.4
Endrin	5.710	5.640	5.780	53.630	50.000	7.3
4,4'-DDT	6.109	6.040	6.180	111.210	100.000	11.2
Methoxychlor	6.682	6.610	6.750	253.290	250.000	1.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096616.D Date Analyzed: 07/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 12:16

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.021	8.920	9.120	22.400	20.000	12.0
Tetrachloro-m-xylene	3.534	3.480	3.580	21.800	20.000	9.0
alpha-BHC	3.982	3.930	4.030	10.610	10.000	6.1
beta-BHC	4.497	4.450	4.550	11.180	10.000	11.8
gamma-BHC (Lindane)	4.310	4.260	4.360	10.790	10.000	7.9
Endrin	6.545	6.470	6.620	60.820	50.000	21.6
4,4'-DDT	6.992	6.920	7.060	113.070	100.000	13.1
Methoxychlor	7.465	7.390	7.540	274.770	250.000	9.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096616.D Date Analyzed: 07/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 12:16

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.993	7.890	8.090	24.040	20.000	20.2
Tetrachloro-m-xylene	2.824	2.770	2.870	23.560	20.000	17.8
alpha-BHC	3.330	3.280	3.380	11.590	10.000	15.9
beta-BHC	3.959	3.910	4.010	12.230	10.000	22.3
gamma-BHC (Lindane)	3.662	3.610	3.710	11.750	10.000	17.5
Endrin	5.708	5.640	5.780	62.940	50.000	25.9
4,4'-DDT	6.108	6.040	6.180	123.050	100.000	23.1
Methoxychlor	6.681	6.610	6.750	281.400	250.000	12.6

Analytical Sequence

Client: Core Environmental Consultants and Servi	SDG No.: Q2681
Project: NYPA	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/28/2025 07/28/2025

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	07/28/2025	16:11	PL096593.D	9.02	3.54
PEM	PEM	07/28/2025	16:25	PL096594.D	9.02	3.54
RESCHK	RESCHK	07/28/2025	16:38	PL096595.D	9.02	3.54
PSTDICC100	PSTDICC100	07/28/2025	16:52	PL096596.D	9.02	3.54
PSTDICC075	PSTDICC075	07/28/2025	17:06	PL096597.D	9.02	3.54
PSTDICC050	PSTDICC050	07/28/2025	17:19	PL096598.D	9.02	3.54
PSTDICC025	PSTDICC025	07/28/2025	17:33	PL096599.D	9.02	3.54
PSTDICC005	PSTDICC005	07/28/2025	17:47	PL096600.D	9.02	3.53
PCHLORICC500	PCHLORICC500	07/28/2025	18:27	PL096603.D	9.02	3.54
PTOXICC500	PTOXICC500	07/28/2025	19:36	PL096608.D	9.02	3.54
PEM	PEM	07/29/2025	12:16	PL096616.D	9.02	3.53
IBLK	IBLK	07/29/2025	17:03	PL096625.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/29/2025	17:17	PL096626.D	9.01	3.54
PB169038BL	PB169038BL	07/29/2025	17:31	PL096627.D	9.02	3.54
PB169038BS	PB169038BS	07/29/2025	17:44	PL096628.D	9.02	3.54
PB168986TB	PB168986TB	07/29/2025	17:58	PL096629.D	9.02	3.54
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/29/2025	18:11	PL096630.D	9.01	3.54
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/29/2025	18:25	PL096631.D	9.02	3.54
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/29/2025	18:39	PL096632.D	9.02	3.54
IBLK	IBLK	07/29/2025	18:52	PL096633.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/29/2025	19:06	PL096634.D	9.02	3.54

Analytical Sequence

Client: Core Environmental Consultants and Servi	SDG No.: Q2681
Project: NYPA	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/28/2025 07/28/2025

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	07/28/2025	16:11	PL096593.D	7.99	2.83
PEM	PEM	07/28/2025	16:25	PL096594.D	7.99	2.83
RESCHK	RESCHK	07/28/2025	16:38	PL096595.D	7.99	2.83
PSTDICC100	PSTDICC100	07/28/2025	16:52	PL096596.D	7.99	2.83
PSTDICC075	PSTDICC075	07/28/2025	17:06	PL096597.D	7.99	2.83
PSTDICC050	PSTDICC050	07/28/2025	17:19	PL096598.D	7.99	2.83
PSTDICC025	PSTDICC025	07/28/2025	17:33	PL096599.D	7.99	2.83
PSTDICC005	PSTDICC005	07/28/2025	17:47	PL096600.D	7.99	2.83
PCHLORICC500	PCHLORICC500	07/28/2025	18:27	PL096603.D	7.99	2.83
PTOXICC500	PTOXICC500	07/28/2025	19:36	PL096608.D	7.99	2.83
PEM	PEM	07/29/2025	12:16	PL096616.D	7.99	2.82
IBLK	IBLK	07/29/2025	17:03	PL096625.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/29/2025	17:17	PL096626.D	7.99	2.83
PB169038BL	PB169038BL	07/29/2025	17:31	PL096627.D	7.99	2.83
PB169038BS	PB169038BS	07/29/2025	17:44	PL096628.D	7.99	2.83
PB168986TB	PB168986TB	07/29/2025	17:58	PL096629.D	7.99	2.83
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/29/2025	18:11	PL096630.D	7.99	2.83
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/29/2025	18:25	PL096631.D	7.99	2.83
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/29/2025	18:39	PL096632.D	7.99	2.83
IBLK	IBLK	07/29/2025	18:52	PL096633.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/29/2025	19:06	PL096634.D	7.99	2.83

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

NYPA-POUCH-SPENT-CARBOI

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Lab Sample ID: Q2681-01MS

Date(s) Analyzed: 07/29/2025 07/29/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	7.46	7.41	7.51	4.80	2.1
	2	6.68	6.63	6.73	4.90	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	4.80	4.1
	2	3.67	3.62	3.72	5.00	
Heptachlor	1	4.90	4.85	4.95	4.60	2.2
	2	4.01	3.96	4.06	4.70	
Heptachlor epoxide	1	5.66	5.61	5.71	4.90	2
	2	4.80	4.75	4.85	5.00	
Endrin	1	6.54	6.49	6.59	5.00	0
	2	5.71	5.66	5.76	5.00	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

NYPA-POUCH-SPENT-CARBO!

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Lab Sample ID: Q2681-01MSD

Date(s) Analyzed: 07/29/2025 07/29/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	5.66	5.61	5.71	5.00	2
	2	4.80	4.75	4.85	5.10	
Endrin	1	6.54	6.49	6.59	5.00	3.9
	2	5.71	5.66	5.76	5.20	
Methoxychlor	1	7.46	7.41	7.51	4.80	4.1
	2	6.68	6.63	6.73	5.00	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	4.90	4
	2	3.67	3.62	3.72	5.10	
Heptachlor	1	4.90	4.85	4.95	4.70	2.1
	2	4.01	3.96	4.06	4.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169038BS

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Lab Sample ID: PB169038BS

Date(s) Analyzed: 07/29/2025 07/29/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	7.46	7.41	7.51	0.46	2.9
	2	6.68	6.63	6.73	0.48	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.48	5.4
	2	3.67	3.62	3.72	0.51	
Heptachlor	1	4.90	4.85	4.95	0.49	2.2
	2	4.01	3.96	4.06	0.50	
Heptachlor epoxide	1	5.66	5.61	5.71	0.49	3.1
	2	4.80	4.75	4.85	0.50	
Endrin	1	6.54	6.49	6.59	0.47	9.6
	2	5.71	5.66	5.76	0.51	