

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	

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

A
B
C
D
E
F
G
H



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:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031296.D	1	07/29/25 08:47	07/30/25 00:57	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	20.0	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	20.0	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	465		61 - 136	93%	SPK: 500

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:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031297.D	1	07/29/25 08:47	07/30/25 01:20	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	20.0	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	20.0	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	470		61 - 136	94%	SPK: 500

Comments:

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LOD = Limit of Detection

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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

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D = Dilution

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q2681

Client: Core Environmental Consultants and Ser

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031274.D	PIBLK-PS031274.D	2,4-DCAA	1	500	404	81		61	136
		2,4-DCAA	2	500	491	98		61	136
I.BLK-PS031292.D	PIBLK-PS031292.D	2,4-DCAA	1	500	410	82		61	136
		2,4-DCAA	2	500	476	95		61	136
PB169037BL	PB169037BL	2,4-DCAA	1	500	426	85		61	136
		2,4-DCAA	2	500	466	93		61	136
PB169037BS	PB169037BS	2,4-DCAA	1	500	520	104		61	136
		2,4-DCAA	2	500	504	101		61	136
PB168986TB	PB168986TB	2,4-DCAA	1	500	425	85		61	136
		2,4-DCAA	2	500	465	93		61	136
Q2681-01	NYPA-POUCH-SPENT-CARBO	2,4-DCAA	1	500	432	86		61	136
		2,4-DCAA	2	500	470	94		61	136
Q2681-01MS	NYPA-POUCH-SPENT-CARBO	2,4-DCAA	1	500	515	103		61	136
		2,4-DCAA	2	500	548	110		61	136
Q2681-01MSD	NYPA-POUCH-SPENT-CARBO	2,4-DCAA	1	500	512	102		61	136
		2,4-DCAA	2	500	542	108		61	136
I.BLK-PS031300.D	PIBLK-PS031300.D	2,4-DCAA	1	500	413	83		61	136
		2,4-DCAA	2	500	491	98		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2681</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PS031298.D</u>

	Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD		Low	Limits	RPD
			Result				Qual	RPD	Qual		High	
Lab Sample ID:	Q2681-01MS	Client Sample ID:		NYPA-POUCH-SPENT-C/								
	(Column 1)											
	2,4-D	50	0	57.9	ug/L	116				65	135	
	2,4,5-TP(Silvex)	50	0	54.2	ug/L	108				62	139	
Lab Sample ID:	Q2681-01MS	Client Sample ID:		NYPA-POUCH-SPENT-C/								
	(Column 2)											
	2,4-D	50	0	58.5	ug/L	117				65	135	
	2,4,5-TP(Silvex)	50	0	67.3	ug/L	135				62	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2681</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PS031299.D</u>

	Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	RPD
			Result				Qual		Qual		High	
Lab Sample ID:	Q2681-01MSD (Column 1)	Client Sample ID:	NYPA-POUCH-SPENT-C/									
	2,4-D	50	0	57.6	ug/L	115		1		65	135	20
	2,4,5-TP(Silvex)	50	0	53.8	ug/L	108		0		62	139	20
Lab Sample ID:	Q2681-01MSD (Column 2)	Client Sample ID:	NYPA-POUCH-SPENT-C/									
	2,4-D	50	0	58.3	ug/L	117		0		65	135	20
	2,4,5-TP(Silvex)	50	0	68.1	ug/L	136		1		62	139	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2681</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	Datafile :	<u>PS031295.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169037BS (Column 1)	2,4-D	5	4.70	ug/L	94				83	130		
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				78	127		
PB169037BS (Column 2)	2,4-D	5	4.70	ug/L	94				83	130		
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				78	127		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169037BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Lab Sample ID: PB169037BL

Lab File ID: PS031294.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/29/2025

Date Analyzed (1): 07/30/2025

Date Analyzed (2): 07/30/2025

Time Analyzed (1): 00:09

Time Analyzed (2): 00:09

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 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
PB169037BS	PB169037BS	PS031295.D	07/30/2025	07/30/2025
PB168986TB	PB168986TB	PS031296.D	07/30/2025	07/30/2025
NYPA-POUCH-SPENT-CARBON	Q2681-01	PS031297.D	07/30/2025	07/30/2025
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	PS031298.D	07/30/2025	07/30/2025
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	PS031299.D	07/30/2025	07/30/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:		
Project:	NYPA		Date Received:		
Client Sample ID:	PB169037BL		SDG No.:	Q2681	
Lab Sample ID:	PB169037BL		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031294.D	1	07/29/25 08:47	07/30/25 00:09	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	466		61 - 136	93%	SPK: 500

Comments:

U = Not Detected

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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:	07/29/25	
Project:	NYPA		Date Received:	07/29/25	
Client Sample ID:	PIBLK-PS031274.D		SDG No.:	Q2681	
Lab Sample ID:	I.BLK-PS031274.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031274.D	1		07/29/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

Comments:

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	07/29/25	
Project:	NYPA		Date Received:	07/29/25	
Client Sample ID:	PIBLK-PS031292.D		SDG No.:	Q2681	
Lab Sample ID:	I.BLK-PS031292.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031292.D	1		07/29/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	476		61 - 136	95%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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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:	07/30/25	
Project:	NYPA		Date Received:	07/30/25	
Client Sample ID:	PIBLK-PS031300.D		SDG No.:	Q2681	
Lab Sample ID:	I.BLK-PS031300.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031300.D	1		07/30/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:		
Project:	NYPA		Date Received:		
Client Sample ID:	PB169037BS		SDG No.:	Q2681	
Lab Sample ID:	PB169037BS		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031295.D	1	07/29/25 08:47	07/30/25 00:33	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.70		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	4.80		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	520		61 - 136	104%	SPK: 500

Comments:

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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:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031298.D	1	07/29/25 08:47	07/30/25 01:44	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	58.5		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	67.3		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	548		61 - 136	110%	SPK: 500

Comments:

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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:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031299.D	1	07/29/25 08:47	07/30/25 02:09	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	58.3		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	68.1		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	542		61 - 136	108%	SPK: 500

Comments:

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CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Instrument ID: ECD_S

Calibration Date(s): **07/29/2025** **07/29/2025**

Calibration Times: **16:30** **18:07**

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:	RT 200 =	<u>PS031275.D</u>	RT 500 =	<u>PS031276.D</u>
RT 750 =	PS031277.D	RT 1000 =	PS031278.D	RT 1500 = PS031279.D

[illegible]

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_S</u>	Calibration Date(s):	<u>07/29/2025</u> <u>07/29/2025</u>
		Calibration Times:	<u>16:30</u> <u>18:07</u>

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:	RT 200 = <u>PS031275.D</u>	RT 500 = <u>PS031276.D</u>
RT 750 = <u>PS031277.D</u>	RT 1000 = <u>PS031278.D</u>	RT 1500 = <u>PS031279.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-TP(Silvex)	9.93	9.92	9.92	9.92	9.92	9.92	9.82	10.02
2,4-D	9.03	9.03	9.03	9.02	9.02	9.03	8.93	9.13
2,4-DCAA	7.77	7.77	7.77	7.76	7.76	7.77	7.67	7.87

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2681

Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031275.D</u>	CF 500 =	<u>PS031276.D</u>		
CF 750 =		<u>PS031277.D</u>	CF 1000 =	<u>PS031278.D</u>	CF 1500 =	<u>PS031279.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16396000000	16819100000	16676100000	16892300000	16522800000	16661300000	1
2,4-D	2576570000	2575840000	2553160000	2630000000	2631140000	2593340000	1
2,4-DCAA	3064840000	2959730000	2862370000	2871350000	2808730000	2913400000	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2681

Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031275.D</u>	CF 500 =	<u>PS031276.D</u>		
CF 750 =		<u>PS031277.D</u>	CF 1000 =	<u>PS031278.D</u>	CF 1500 =	<u>PS031279.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	13057400000	12937900000	12568100000	12631100000	12319500000	12702800000	2
2,4-D	1448930000	1409840000	1369840000	1380980000	1368050000	1395530000	2
2,4-DCAA	882797000	843990000	816032000	820679000	811907000	835081000	4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Continuing Calib Date: 07/29/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 23:45

Initial Calibration Time(s): 16:30 18:07

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

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>07/29/2025</u> <u>07/29/2025</u>
Continuing Calib Time:	<u>23:45</u>	Initial Calibration Time(s):	<u>16:30</u> <u>18:07</u>

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.77	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031293.D **Time Analyzed:** 23:45

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.324	9.227	9.427	716.860	712.500	0.6
2,4-D	8.444	8.346	8.546	695.390	705.000	-1.4
2,4-DCAA	7.313	7.215	7.415	750.570	750.000	0.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031293.D **Time Analyzed:** 23:45

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.923	9.824	10.024	706.120	712.500	-0.9
2,4-D	9.024	8.925	9.125	687.020	705.000	-2.6
2,4-DCAA	7.765	7.666	7.866	736.100	750.000	-1.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 02:57

Initial Calibration Time(s): 16:30 18:07

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 02:57

Initial Calibration Time(s): 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/30/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031301.D **Time Analyzed:** 02:57

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.322	9.227	9.427	723.660	712.500	1.6
2,4-D	8.441	8.346	8.546	708.400	705.000	0.5
2,4-DCAA	7.312	7.215	7.415	769.970	750.000	2.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q2681
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/30/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031301.D **Time Analyzed:** 02:57

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.923	9.824	10.024	709.370	712.500	-0.4
2,4-D	9.023	8.925	9.125	689.660	705.000	-2.2
2,4-DCAA	7.764	7.666	7.866	735.430	750.000	-1.9

Analytical Sequence

Client: Core Environmental Consultants and Servi	SDG No.: Q2681
Project: NYPA	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 07/29/2025 07/29/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	07/29/2025	16:06	PS031274.D	7.32	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.32	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.32	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.32	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.32	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.32	0.00
IBLK	IBLK	07/29/2025	23:21	PS031292.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/29/2025	23:45	PS031293.D	7.31	0.00
PB169037BL	PB169037BL	07/30/2025	00:09	PS031294.D	7.31	0.00
PB169037BS	PB169037BS	07/30/2025	00:33	PS031295.D	7.31	0.00
PB168986TB	PB168986TB	07/30/2025	00:57	PS031296.D	7.31	0.00
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/30/2025	01:20	PS031297.D	7.31	0.00
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/30/2025	01:44	PS031298.D	7.31	0.00
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/30/2025	02:09	PS031299.D	7.31	0.00
IBLK	IBLK	07/30/2025	02:33	PS031300.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	02:57	PS031301.D	7.31	0.00

Analytical Sequence

Client: Core Environmental Consultants and Servi	SDG No.: Q2681
Project: NYPA	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/29/2025 07/29/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	07/29/2025	16:06	PS031274.D	7.77	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.77	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.77	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.76	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.76	0.00
IBLK	IBLK	07/29/2025	23:21	PS031292.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/29/2025	23:45	PS031293.D	7.77	0.00
PB169037BL	PB169037BL	07/30/2025	00:09	PS031294.D	7.76	0.00
PB169037BS	PB169037BS	07/30/2025	00:33	PS031295.D	7.77	0.00
PB168986TB	PB168986TB	07/30/2025	00:57	PS031296.D	7.76	0.00
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/30/2025	01:20	PS031297.D	7.76	0.00
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/30/2025	01:44	PS031298.D	7.76	0.00
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/30/2025	02:09	PS031299.D	7.76	0.00
IBLK	IBLK	07/30/2025	02:33	PS031300.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	02:57	PS031301.D	7.76	0.00

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: 07/30/2025 07/30/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.44	8.39	8.49	57.9	1
	2	9.02	8.97	9.07	58.5	
2,4,5-TP(Silvex)	1	9.32	9.27	9.37	54.2	21.6
	2	9.92	9.87	9.97	67.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

NYPA-POUCH-SPENT-CARBOI

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Lab Sample ID: Q2681-01MSD

Date(s) Analyzed: 07/30/2025 07/30/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.44	8.39	8.49	57.6	1.2
	2	9.02	8.97	9.07	58.3	
2,4,5-TP(Silvex)	1	9.32	9.27	9.37	53.8	23.5
	2	9.92	9.87	9.97	68.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169037BS

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2681

Lab Sample ID: PB169037BS

Date(s) Analyzed: 07/30/2025 07/30/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.44	8.39	8.49	4.70	0
	2	9.03	8.98	9.08	4.70	
2,4,5-TP(Silvex)	1	9.32	9.27	9.37	4.80	0
	2	9.92	9.87	9.97	4.80	