

LAB CHRONICLE

OrderID:	Q2592	OrderDate:	7/11/2025 3:05:25 PM
Client:	PARSONS Engineering of New York, Inc.	Project:	Con Edison - East River Site 2
Contact:	Zohar Lavy	Location:	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2592-01	WC-SOIL-20250711	SOIL			07/11/25			07/11/25
			PCB Group1	8082A		07/15/25	07/15/25	
			TPH GC	8015D		07/17/25	07/18/25	
Q2592-02	WC-SOIL-20250711	TCLP			07/11/25			07/11/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2592

Order ID: Q2592

Client: PARSONS Engineering of New York, Inc.

Project ID: Con Edison - East River Site 2

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:	PARSONS Engineering of New York, Inc.		Date Collected:		
Project:	Con Edison - East River Site 2		Date Received:	07/16/25	
Client Sample ID:	PB168847TB		SDG No.:	Q2592	
Lab Sample ID:	PB168847TB		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
PS031130.D	1	07/16/25 10:39	07/18/25 13:53	PB168886

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	548		61 - 136	110%	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:	PARSONS Engineering of New York, Inc.		Date Collected:	07/11/25	
Project:	Con Edison - East River Site 2		Date Received:	07/11/25	
Client Sample ID:	WC-SOIL-20250711		SDG No.:	Q2592	
Lab Sample ID:	Q2592-02		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
PS031114.D	1	07/16/25 10:39	07/17/25 22:50	PB168886

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	365		61 - 136	73%	SPK: 500

Comments:

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QC SUMMARY

Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031005.D	PIBLK-PS031005.D	2,4-DCAA	1	500	356	71		61	136
		2,4-DCAA	2	500	496	99		61	136
I.BLK-PS031109.D	PIBLK-PS031109.D	2,4-DCAA	1	500	468	94		61	136
		2,4-DCAA	2	500	494	99		61	136
PB168886BL	PB168886BL	2,4-DCAA	1	500	479	96		61	136
		2,4-DCAA	2	500	537	107		61	136
Q2592-02	WC-SOIL-20250711	2,4-DCAA	1	500	340	68		61	136
		2,4-DCAA	2	500	365	73		61	136
Q2592-02MS	WC-SOIL-20250711MS	2,4-DCAA	1	500	457	91		61	136
		2,4-DCAA	2	500	453	91		61	136
Q2592-02MSD	WC-SOIL-20250711MSD	2,4-DCAA	1	500	448	90		61	136
		2,4-DCAA	2	500	439	88		61	136
I.BLK-PS031122.D	PIBLK-PS031122.D	2,4-DCAA	1	500	469	94		61	136
		2,4-DCAA	2	500	495	99		61	136
I.BLK-PS031125.D	PIBLK-PS031125.D	2,4-DCAA	1	500	462	92		61	136
		2,4-DCAA	2	500	501	100		61	136
PB168847TB	PB168847TB	2,4-DCAA	1	500	510	102		61	136
		2,4-DCAA	2	500	548	110		61	136
I.BLK-PS031131.D	PIBLK-PS031131.D	2,4-DCAA	1	500	472	94		61	136
		2,4-DCAA	2	500	505	101		61	136
I.BLK-PS031156.D	PIBLK-PS031156.D	2,4-DCAA	1	500	397	79		61	136
		2,4-DCAA	2	500	504	101		61	136
I.BLK-PS031163.D	PIBLK-PS031163.D	2,4-DCAA	1	500	397	79		61	136
		2,4-DCAA	2	500	496	99		61	136
PB168886BS	PB168886BS	2,4-DCAA	1	500	511	102		61	136
		2,4-DCAA	2	500	506	101		61	136
I.BLK-PS031169.D	PIBLK-PS031169.D	2,4-DCAA	1	500	406	81		61	136
		2,4-DCAA	2	500	500	100		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2592</u>	Analytical Method:	<u>8151A</u>
Client:	<u>PARSONS Engineering of New York, Inc</u>	DataFile :	<u>PS031115.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2592-02MS		Client Sample ID:	WC-SOIL-20250711MS							
(Column 1)											
2,4-D	50	0	69.7	ug/L	139	*			65	135	
2,4,5-TP(Silvex)	50	0	63.0	ug/L	126				62	139	
Lab Sample ID:	Q2592-02MS		Client Sample ID:	WC-SOIL-20250711MS							
(Column 2)											
2,4-D	50	0	55.3	ug/L	111				65	135	
2,4,5-TP(Silvex)	50	0	54.2	ug/L	108				62	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2592</u>	Analytical Method:	<u>8151A</u>
Client:	<u>PARSONS Engineering of New York, Inc</u>	DataFile :	<u>PS031116.D</u>

		Sample				Rec		RPD		Limits		
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2592-02MSD (Column 1)	Client Sample ID:		WC-SOIL-20250711MSD								
	2,4-D	50	0	70.1	ug/L	140	*	1		65	135	20
	2,4,5-TP(Silvex)	50	0	63.5	ug/L	127		1		62	139	20
Lab Sample ID:	Q2592-02MSD (Column 2)	Client Sample ID:		WC-SOIL-20250711MSD								
	2,4-D	50	0	55.8	ug/L	112		1		65	135	20
	2,4,5-TP(Silvex)	50	0	52.6	ug/L	105		3		62	139	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q2592	Analytical Method:	8151A
Client:	PARSONS Engineering of New York, Inc	Datafile :	PS031168.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB168886BS (Column 1)	2,4-D	5	4.90	ug/L	98				83	130	
	2,4,5-TP(Silvex)	5	4.90	ug/L	98				78	127	
PB168886BS (Column 2)	2,4-D	5	4.80	ug/L	96				83	130	
	2,4,5-TP(Silvex)	5	4.90	ug/L	98				78	127	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168886BL

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: PB168886BL

Lab File ID: PS031111.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/16/2025

Date Analyzed (1): 07/17/2025

Date Analyzed (2): 07/17/2025

Time Analyzed (1): 21:38

Time Analyzed (2): 21:38

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
WC-SOIL-20250711	Q2592-02	PS031114.D	07/17/2025	07/17/2025
WC-SOIL-20250711MS	Q2592-02MS	PS031115.D	07/17/2025	07/17/2025
WC-SOIL-20250711MSD	Q2592-02MSD	PS031116.D	07/17/2025	07/17/2025
PB168847TB	PB168847TB	PS031130.D	07/18/2025	07/18/2025
PB168886BS	PB168886BS	PS031168.D	07/21/2025	07/21/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:		
Project:	Con Edison - East River Site 2		Date Received:		
Client Sample ID:	PB168886BL		SDG No.:	Q2592	
Lab Sample ID:	PB168886BL		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
PS031111.D	1	07/16/25 10:39	07/17/25 21:38	PB168886

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	537		61 - 136	107%	SPK: 500

Comments:

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/11/25	
Project:	Con Edison - East River Site 2		Date Received:	07/11/25	
Client Sample ID:	PIBLK-PS031005.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031005.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
PS031005.D	1		07/11/25	PS071125

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	496		61 - 136	99%	SPK: 500

Comments:

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/17/25	
Project:	Con Edison - East River Site 2		Date Received:	07/17/25	
Client Sample ID:	PIBLK-PS031109.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031109.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
PS031109.D	1		07/17/25	ps071725

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	494		61 - 136	99%	SPK: 500

Comments:

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/18/25	
Project:	Con Edison - East River Site 2		Date Received:	07/18/25	
Client Sample ID:	PIBLK-PS031122.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031122.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
PS031122.D	1		07/18/25	ps071725

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	495		61 - 136	99%	SPK: 500

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/18/25	
Project:	Con Edison - East River Site 2		Date Received:	07/18/25	
Client Sample ID:	PIBLK-PS031125.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031125.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
PS031125.D	1		07/18/25	PS071825

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	501		61 - 136	100%	SPK: 500

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/18/25	
Project:	Con Edison - East River Site 2		Date Received:	07/18/25	
Client Sample ID:	PIBLK-PS031131.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031131.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
PS031131.D	1		07/18/25	ps071825

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	505		61 - 136	101%	SPK: 500

Comments:

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/21/25	
Project:	Con Edison - East River Site 2		Date Received:	07/21/25	
Client Sample ID:	PIBLK-PS031156.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031156.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
PS031156.D	1		07/21/25	ps072125

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	504		61 - 136	101%	SPK: 500

Comments:

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/21/25	
Project:	Con Edison - East River Site 2		Date Received:	07/21/25	
Client Sample ID:	PIBLK-PS031163.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031163.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
PS031163.D	1		07/21/25	ps072125

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	496		61 - 136	99%	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:	PARSONS Engineering of New York, Inc.		Date Collected:	07/21/25	
Project:	Con Edison - East River Site 2		Date Received:	07/21/25	
Client Sample ID:	PIBLK-PS031169.D		SDG No.:	Q2592	
Lab Sample ID:	I.BLK-PS031169.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
PS031169.D	1		07/21/25	ps072125

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	500		61 - 136	100%	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:	PARSONS Engineering of New York, Inc.		Date Collected:		
Project:	Con Edison - East River Site 2		Date Received:		
Client Sample ID:	PB168886BS		SDG No.:	Q2592	
Lab Sample ID:	PB168886BS		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
PS031168.D	1	07/16/25 10:39	07/21/25 19:28	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.90		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	4.90		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	511		61 - 136	102%	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:	PARSONS Engineering of New York, Inc.		Date Collected:	07/11/25	
Project:	Con Edison - East River Site 2		Date Received:	07/11/25	
Client Sample ID:	WC-SOIL-20250711MS		SDG No.:	Q2592	
Lab Sample ID:	Q2592-02MS		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
PS031115.D	1	07/16/25 10:39	07/17/25 23:14	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	69.7		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	63.0		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	457		61 - 136	91%	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:	PARSONS Engineering of New York, Inc.		Date Collected:	07/11/25	
Project:	Con Edison - East River Site 2		Date Received:	07/11/25	
Client Sample ID:	WC-SOIL-20250711MSD		SDG No.:	Q2592	
Lab Sample ID:	Q2592-02MSD		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
PS031116.D	1	07/16/25 10:39	07/17/25 23:39	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	70.1		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	63.5		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	448		61 - 136	90%	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



CALIBRATION SUMMARY

A
B
C
D
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H

Contract: PARS02

SDG NO.: Q2592

Calibration Date(s): **07/11/2025** **07/11/2025**

Calibration Times: **16:00** **17:36**

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

[illegible]

A
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Calibration Times: **16:00** **17:36**

LAB FILE ID:	RT 200 =	<u>PS031006.D</u>	RT 500 =	<u>PS031007.D</u>
	RT 750 =	PS031008.D	RT 1000 =	PS031009.D
			RT 1500 =	PS031010.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: PARS02
SDG NO.: Q2592

Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID:		CF 200 =	<u>PS031006.D</u>	CF 500 =	<u>PS031007.D</u>		
CF 750 =		<u>PS031008.D</u>	CF 1000 =	<u>PS031009.D</u>	CF 1500 =	<u>PS031010.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	20737500000	18270800000	18189000000	18194100000	17662300000	18610700000	7
2,4-D	3556670000	2984170000	2931980000	2976850000	2942510000	3078440000	9
2,4-DCAA	4821770000	3910250000	3755950000	3730170000	3557220000	3955070000	13

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: PARS02
SDG NO.: Q2592

Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID:		CF 200 = <u>PS031006.D</u>		CF 500 = <u>PS031007.D</u>			
CF 750 = <u>PS031008.D</u>		CF 1000 = <u>PS031009.D</u>		CF 1500 = <u>PS031010.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	17216300000	14510800000	14174600000	14131100000	13346200000	14675800000	10
2,4-D	2058060000	1665160000	1617550000	1610710000	1545850000	1699460000	12
2,4-DCAA	1258080000	1011280000	984071000	981302000	945431000	1036030000	12



A
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Calibration Times: **15:02** **16:39**

LAB FILE ID:	RT 200 =	<u>PS031157.D</u>	RT 500 =	<u>PS031158.D</u>
	RT 750 =	PS031159.D	RT 1000 =	PS031160.D
			RT 1500 =	PS031161.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Instrument ID: ECD_S

Calibration Date(s): **07/21/2025** **07/21/2025**

Calibration Times: **15:02** **16:39**

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

LAB FILE ID:	RT 200 =	<u>PS031157.D</u>	RT 500 =	<u>PS031158.D</u>
RT 750 =	PS031159.D	RT 1000 =	PS031160.D	RT 1500 = PS031161.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: PARS02
SDG NO.: Q2592

Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID: CF 200 = <u>PS031157.D</u>CF 500 = <u>PS031158.D</u> CF 750 = <u>PS031159.D</u>CF 1000 = <u>PS031160.D</u>CF 1500 = <u>PS031161.D</u>							
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	24592600000	22780000000	21638700000	20857200000	19899400000	21953600000	8
2,4-D	4193860000	3820730000	3654460000	3552490000	3453030000	3734920000	8
2,4-DCAA	5091100000	4403340000	4248720000	4081100000	3917010000	4348250000	10

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: PARS02
SDG NO.: Q2592

Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID:		CF 200 = <u>PS031157.D</u>	CF 500 = <u>PS031158.D</u>				
CF 750 = <u>PS031159.D</u>		CF 1000 = <u>PS031160.D</u>	CF 1500 = <u>PS031161.D</u>				
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16137400000	15454900000	14840900000	14348100000	13689700000	14894200000	6
2,4-D	1930260000	1742600000	1656200000	1604210000	1558320000	1698320000	9
2,4-DCAA	1147310000	1039810000	988394000	963101000	936229000	1014970000	8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/17/2025

Initial Calibration Date(s): 07/11/2025 07/11/2025

Continuing Calib Time: 21:13

Initial Calibration Time(s): 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/17/2025

Initial Calibration Date(s): 07/11/2025 07/11/2025

Continuing Calib Time: 21:13

Initial Calibration Time(s): 16:00 17:36

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	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/17/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031110.D **Time Analyzed:** 21:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.347	9.253	9.453	747.360	712.500	4.9
2,4-D	8.461	8.367	8.567	784.350	705.000	11.3
2,4-DCAA	7.327	7.233	7.433	643.930	750.000	-14.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/17/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031110.D **Time Analyzed:** 21:13

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.931	9.832	10.032	611.560	712.500	-14.2
2,4-D	9.027	8.927	9.127	595.250	705.000	-15.6
2,4-DCAA	7.768	7.669	7.869	624.760	750.000	-16.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/18/2025

Initial Calibration Date(s): 07/11/2025 07/11/2025

Continuing Calib Time: 02:27

Initial Calibration Time(s): 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>PARS02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2592</u>
Continuing Calib Date:	<u>07/18/2025</u>	Initial Calibration Date(s):	<u>07/11/2025</u> <u>07/11/2025</u>
Continuing Calib Time:	<u>02:27</u>	Initial Calibration Time(s):	<u>16:00</u> <u>17:36</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	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/18/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031123.D **Time Analyzed:** 02:27

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.345	9.253	9.453	734.610	712.500	3.1
2,4-D	8.460	8.367	8.567	770.900	705.000	9.3
2,4-DCAA	7.327	7.233	7.433	713.140	750.000	-4.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/18/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031123.D **Time Analyzed:** 02:27

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.931	9.832	10.032	608.020	712.500	-14.7
2,4-D	9.026	8.927	9.127	591.050	705.000	-16.2
2,4-DCAA	7.768	7.669	7.869	616.160	750.000	-17.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/18/2025

Initial Calibration Date(s): 07/11/2025 07/11/2025

Continuing Calib Time: 11:55

Initial Calibration Time(s): 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>PARS02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2592</u>
Continuing Calib Date:	<u>07/18/2025</u>	Initial Calibration Date(s):	<u>07/11/2025</u> <u>07/11/2025</u>
Continuing Calib Time:	<u>11:55</u>	Initial Calibration Time(s):	<u>16:00</u> <u>17:36</u>

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)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/18/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031126.D **Time Analyzed:** 11:55

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.346	9.253	9.453	813.240	712.500	14.1
2,4-D	8.461	8.367	8.567	982.070	705.000	39.3
2,4-DCAA	7.327	7.233	7.433	639.190	750.000	-14.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/18/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031126.D **Time Analyzed:** 11:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.926	9.832	10.032	675.120	712.500	-5.2
2,4-D	9.021	8.927	9.127	740.430	705.000	5.0
2,4-DCAA	7.763	7.669	7.869	658.150	750.000	-12.2

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>PARS02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2592</u>
Continuing Calib Date:	<u>07/18/2025</u>	Initial Calibration Date(s):	<u>07/11/2025</u> <u>07/11/2025</u>
Continuing Calib Time:	<u>15:39</u>	Initial Calibration Time(s):	<u>16:00</u> <u>17:36</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/18/2025

Initial Calibration Date(s): 07/11/2025 07/11/2025

Continuing Calib Time: 15:39

Initial Calibration Time(s): 16:00 17:36

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)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/18/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031132.D **Time Analyzed:** 15:39

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.345	9.253	9.453	770.640	712.500	8.2
2,4-D	8.459	8.367	8.567	824.550	705.000	17.0
2,4-DCAA	7.326	7.233	7.433	705.130	750.000	-6.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/18/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031132.D **Time Analyzed:** 15:39

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.928	9.832	10.032	642.510	712.500	-9.8
2,4-D	9.023	8.927	9.127	665.480	705.000	-5.6
2,4-DCAA	7.764	7.669	7.869	642.990	750.000	-14.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/21/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 17:51

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.46	8.46	8.36	8.56	0.00
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/21/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 17:51

Initial Calibration Time(s): 15:02 16:39

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	0.00
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/21/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031164.D **Time Analyzed:** 17:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.343	9.242	9.442	702.680	712.500	-1.4
2,4-D	8.457	8.356	8.556	689.120	705.000	-2.3
2,4-DCAA	7.324	7.225	7.425	735.310	750.000	-2.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/21/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031164.D **Time Analyzed:** 17:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.929	9.829	10.029	704.050	712.500	-1.2
2,4-D	9.024	8.924	9.124	685.120	705.000	-2.8
2,4-DCAA	7.766	7.666	7.866	730.430	750.000	-2.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/21/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 20:16

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.46	8.46	8.36	8.56	0.00
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/21/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 20:16

Initial Calibration Time(s): 15:02 16:39

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	0.00
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/21/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031170.D **Time Analyzed:** 20:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.342	9.242	9.442	717.590	712.500	0.7
2,4-D	8.456	8.356	8.556	715.850	705.000	1.5
2,4-DCAA	7.324	7.225	7.425	745.520	750.000	-0.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PARS02
Lab Code: ACE **SDG NO.:** Q2592
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/21/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031170.D **Time Analyzed:** 20:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.929	9.829	10.029	712.950	712.500	0.1
2,4-D	9.024	8.924	9.124	695.090	705.000	-1.4
2,4-DCAA	7.766	7.666	7.866	737.580	750.000	-1.7

Analytical Sequence

Client: PARSONS Engineering of New York, Inc.	SDG No.: Q2592
Project: Con Edison - East River Site 2	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 07/11/2025 07/11/2025

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	07/11/2025	15:35	PS031005.D	7.33	0.00
HSTDICC200	HSTDICC200	07/11/2025	16:00	PS031006.D	7.33	0.00
HSTDICC500	HSTDICC500	07/11/2025	16:24	PS031007.D	7.33	0.00
HSTDICC750	HSTDICC750	07/11/2025	16:48	PS031008.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/11/2025	17:12	PS031009.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/11/2025	17:36	PS031010.D	7.33	0.00
IBLK	IBLK	07/17/2025	20:49	PS031109.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/17/2025	21:13	PS031110.D	7.33	0.00
PB168886BL	PB168886BL	07/17/2025	21:38	PS031111.D	7.33	0.00
WC-SOIL-20250711	Q2592-02	07/17/2025	22:50	PS031114.D	7.33	0.00
WC-SOIL-20250711MS	Q2592-02MS	07/17/2025	23:14	PS031115.D	7.33	0.00
WC-SOIL-20250711MSD	Q2592-02MSD	07/17/2025	23:39	PS031116.D	7.33	0.00
IBLK	IBLK	07/18/2025	02:02	PS031122.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/18/2025	02:27	PS031123.D	7.33	0.00
IBLK	IBLK	07/18/2025	10:19	PS031125.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/18/2025	11:55	PS031126.D	7.33	0.00
PB168847TB	PB168847TB	07/18/2025	13:53	PS031130.D	7.33	0.00
IBLK	IBLK	07/18/2025	14:17	PS031131.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/18/2025	15:39	PS031132.D	7.33	0.00
IBLK	IBLK	07/21/2025	14:38	PS031156.D	7.33	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.33	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.33	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.33	0.00
IBLK	IBLK	07/21/2025	17:27	PS031163.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/21/2025	17:51	PS031164.D	7.32	0.00
PB168886BS	PB168886BS	07/21/2025	19:28	PS031168.D	7.32	0.00
IBLK	IBLK	07/21/2025	19:52	PS031169.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/21/2025	20:16	PS031170.D	7.32	0.00

Analytical Sequence

Client: PARSONS Engineering of New York, Inc.	SDG No.: Q2592
Project: Con Edison - East River Site 2	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/11/2025 07/11/2025

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	07/11/2025	15:35	PS031005.D	7.77	0.00
HSTDICC200	HSTDICC200	07/11/2025	16:00	PS031006.D	7.77	0.00
HSTDICC500	HSTDICC500	07/11/2025	16:24	PS031007.D	7.77	0.00
HSTDICC750	HSTDICC750	07/11/2025	16:48	PS031008.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/11/2025	17:12	PS031009.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/11/2025	17:36	PS031010.D	7.77	0.00
IBLK	IBLK	07/17/2025	20:49	PS031109.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/17/2025	21:13	PS031110.D	7.77	0.00
PB168886BL	PB168886BL	07/17/2025	21:38	PS031111.D	7.77	0.00
WC-SOIL-20250711	Q2592-02	07/17/2025	22:50	PS031114.D	7.77	0.00
WC-SOIL-20250711MS	Q2592-02MS	07/17/2025	23:14	PS031115.D	7.77	0.00
WC-SOIL-20250711MSD	Q2592-02MSD	07/17/2025	23:39	PS031116.D	7.77	0.00
IBLK	IBLK	07/18/2025	02:02	PS031122.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/18/2025	02:27	PS031123.D	7.77	0.00
IBLK	IBLK	07/18/2025	10:19	PS031125.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/18/2025	11:55	PS031126.D	7.76	0.00
PB168847TB	PB168847TB	07/18/2025	13:53	PS031130.D	7.77	0.00
IBLK	IBLK	07/18/2025	14:17	PS031131.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/18/2025	15:39	PS031132.D	7.76	0.00
IBLK	IBLK	07/21/2025	14:38	PS031156.D	7.77	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.77	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.77	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.77	0.00
IBLK	IBLK	07/21/2025	17:27	PS031163.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/21/2025	17:51	PS031164.D	7.77	0.00
PB168886BS	PB168886BS	07/21/2025	19:28	PS031168.D	7.77	0.00
IBLK	IBLK	07/21/2025	19:52	PS031169.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/21/2025	20:16	PS031170.D	7.77	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168886BS

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: PB168886BS

Date(s) Analyzed: 07/21/2025 07/21/2025

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	8.46	8.41	8.51	4.90	2.1
	2	9.02	8.97	9.07	4.80	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	4.90	0
	2	9.93	9.88	9.98	4.90	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SOIL-20250711MS

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: Q2592-02MS

Date(s) Analyzed: 07/17/2025 07/17/2025

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	8.46	8.41	8.51	69.7	23
	2	9.03	8.98	9.08	55.3	
2,4,5-TP(Silvex)	1	9.35	9.30	9.40	63.0	15
	2	9.93	9.88	9.98	54.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SOIL-20250711MSD

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: Q2592-02MSD

Date(s) Analyzed: 07/17/2025 07/17/2025

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	8.46	8.41	8.51	70.1	22.7
	2	9.03	8.98	9.08	55.8	
2,4,5-TP(Silvex)	1	9.35	9.30	9.40	63.5	18.8
	2	9.93	9.88	9.98	52.6	