

LAB CHRONICLE

OrderID:	P4660	OrderDate:	10/31/2024 2:38:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	K41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4660-02	WC-TA2-01-C	SOIL			10/30/24			10/31/24
			PCB	8082A		11/04/24	11/04/24	
P4660-03	WC-TA2-01-C	TCLP			10/30/24			10/31/24
			TCLP Herbicide	8151A		11/06/24	11/07/24	
			TCLP Pesticide	8081B		11/06/24	11/07/24	
P4660-06	WC-WOOD-01-C	SOIL			10/31/24			10/31/24
			PCB	8082A		11/04/24	11/04/24	
P4660-07	WC-WOOD-01-C	TCLP			10/31/24			10/31/24
			TCLP Herbicide	8151A		11/06/24	11/07/24	
			TCLP Pesticide	8081B		11/06/24	11/07/24	
P4660-10	WC-CONCRETE-01-C	SOIL			10/31/24			10/31/24
			PCB	8082A		11/04/24	11/04/24	
P4660-11	WC-CONCRETE-01-C	TCLP			10/31/24			10/31/24
			TCLP Herbicide	8151A		11/06/24	11/07/24	
			TCLP Pesticide	8081B		11/06/24	11/07/24	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P4660

Order ID: P4660

Client: ENTACT

Project ID: 540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	10/30/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	10/31/24	
Client Sample ID:	WC-TA2-01-C		SDG No.:	P4660	
Lab Sample ID:	P4660-03		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028310.D	1	11/06/24 09:34	11/07/24 10:16	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.90	U	4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	679	*	70 (39) - 130 (175)	136%	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:	ENTACT		Date Collected:	10/31/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	10/31/24	
Client Sample ID:	WC-WOOD-01-C		SDG No.:	P4660	
Lab Sample ID:	P4660-07		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028311.D	1	11/06/24 09:34	11/07/24 10:40	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.90	U	4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	460		70 (39) - 130 (175)	92%	SPK: 500

Comments:

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Report of Analysis

Client:	ENTACT		Date Collected:	10/31/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	10/31/24	
Client Sample ID:	WC-CONCRETE-01-C		SDG No.:	P4660	
Lab Sample ID:	P4660-11		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028312.D	1	11/06/24 09:34	11/07/24 11:04	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.90	U	4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	720	*	70 (39) - 130 (175)	144%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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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:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/06/24	
Client Sample ID:	PB164560TB		SDG No.:	P4660	
Lab Sample ID:	PB164560TB		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028317.D	1	11/06/24 09:34	11/07/24 13:04	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.90	U	4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	374		70 (39) - 130 (175)	75%	SPK: 500

Comments:

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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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* = Values outside of QC limits

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **P4660**

Client: **ENTACT**

Analytical Method: **8151A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS028252.D	PIBLK-PS028252.D	2,4-DCAA	1	500	489	98		70 (39)	130 (175)
		2,4-DCAA	2	500	491	98		70 (39)	130 (175)
I.BLK-PS028308.D	PIBLK-PS028308.D	2,4-DCAA	1	500	526	105		70 (39)	130 (175)
		2,4-DCAA	2	500	489	98		70 (39)	130 (175)
P4660-03	WC-TA2-01-C	2,4-DCAA	1	500	679	136	*	70 (39)	130 (175)
		2,4-DCAA	2	500	605	121		70 (39)	130 (175)
P4660-07	WC-WOOD-01-C	2,4-DCAA	1	500	460	92		70 (39)	130 (175)
		2,4-DCAA	2	500	380	76		70 (39)	130 (175)
P4660-11	WC-CONCRETE-01-C	2,4-DCAA	1	500	720	144	*	70 (39)	130 (175)
		2,4-DCAA	2	500	597	119		70 (39)	130 (175)
P4660-03MS	WC-TA2-01-CMS	2,4-DCAA	1	500	428	86		70 (39)	130 (175)
		2,4-DCAA	2	500	338	68	*	70 (39)	130 (175)
P4660-03MSD	WC-TA2-01-CMSD	2,4-DCAA	1	500	447	89		70 (39)	130 (175)
		2,4-DCAA	2	500	361	72		70 (39)	130 (175)
PB164752BL	PB164752BL	2,4-DCAA	1	500	570	114		70 (39)	130 (175)
		2,4-DCAA	2	500	493	99		70 (39)	130 (175)
PB164752BS	PB164752BS	2,4-DCAA	1	500	561	112		70 (39)	130 (175)
		2,4-DCAA	2	500	499	100		70 (39)	130 (175)
PB164560TB	PB164560TB	2,4-DCAA	1	500	374	75		70 (39)	130 (175)
		2,4-DCAA	2	500	306	61	*	70 (39)	130 (175)
I.BLK-PS028319.D	PIBLK-PS028319.D	2,4-DCAA	1	500	540	108		70 (39)	130 (175)
		2,4-DCAA	2	500	489	98		70 (39)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4660

Client: ENTACT

Analytical Method: 8151A

DataFile : PS028313.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4660-03MS	WC-TA2-01-CMS											
	2,4-D	50	0	50.3	ug/L	101				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	52.9	ug/L	106				70 (62)	130 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4660

Client: ENTACT

Analytical Method: 8151A

DataFile : PS028314.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4660-03MSD	WC-TA2-01-CMSD											
	2,4-D	50	0	53.9	ug/L	108		7		70 (65)	130 (135)	20 (20)
	2,4,5-TP(Silvex)	50	0	58.5	ug/L	117		10		70 (62)	130 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4660

Client: ENTACT

Analytical Method: **8151A** **Datafile :** PS028316.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164752BS	2,4-D	5	5.30	ug/L	106				70 (83)	130 (130)		
	2,4,5-TP(Silvex)	5	5.50	ug/L	110				70 (78)	130 (127)		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164752BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4660

SAS No.: P4660 SDG NO.: P4660

Lab Sample ID: PB164752BL

Lab File ID: PS028315.D

Matrix: (soil/water) water

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/06/2024

Date Analyzed (1): 11/07/2024

Date Analyzed (2): 11/07/2024

Time Analyzed (1): 12:16

Time Analyzed (2): 12:16

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-TA2-01-C	P4660-03	PS028310.D	11/07/2024	11/07/2024
WC-WOOD-01-C	P4660-07	PS028311.D	11/07/2024	11/07/2024
WC-CONCRETE-01-C	P4660-11	PS028312.D	11/07/2024	11/07/2024
WC-TA2-01-CMS	P4660-03MS	PS028313.D	11/07/2024	11/07/2024
WC-TA2-01-CMSD	P4660-03MSD	PS028314.D	11/07/2024	11/07/2024
PB164752BS	PB164752BS	PS028316.D	11/07/2024	11/07/2024
PB164560TB	PB164560TB	PS028317.D	11/07/2024	11/07/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	PB164752BL		SDG No.:	P4660	
Lab Sample ID:	PB164752BL		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028315.D	1	11/06/24 09:34	11/07/24 12:16	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	570		70 (39) - 130 (175)	114%	SPK: 500

Comments:

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Report of Analysis

Client:	ENTACT		Date Collected:	11/06/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/06/24	
Client Sample ID:	PIBLK-PS028252.D		SDG No.:	P4660	
Lab Sample ID:	I.BLK-PS028252.D		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028252.D	1		11/06/24	PS110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		70 (39) - 130 (175)	98%	SPK: 500

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Report of Analysis

Client:	ENTACT		Date Collected:	11/07/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/07/24	
Client Sample ID:	PIBLK-PS028308.D		SDG No.:	P4660	
Lab Sample ID:	I.BLK-PS028308.D		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028308.D	1		11/07/24	PS110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	526		70 (39) - 130 (175)	105%	SPK: 500

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Report of Analysis

Client:	ENTACT		Date Collected:	11/07/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/07/24	
Client Sample ID:	PIBLK-PS028319.D		SDG No.:	P4660	
Lab Sample ID:	I.BLK-PS028319.D		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028319.D	1		11/07/24	PS110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	540		70 (39) - 130 (175)	108%	SPK: 500

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	PB164752BS		SDG No.:	P4660	
Lab Sample ID:	PB164752BS		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028316.D	1	11/06/24 09:34	11/07/24 12:40	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.30		0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.50		0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	561		70 (39) - 130 (175)	112%	SPK: 500

Comments:

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Report of Analysis

Client:	ENTACT		Date Collected:	10/30/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	10/31/24	
Client Sample ID:	WC-TA2-01-CMS		SDG No.:	P4660	
Lab Sample ID:	P4660-03MS		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028313.D	1	11/06/24 09:34	11/07/24 11:28	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	50.3		4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	52.9		4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	428		70 (39) - 130 (175)	86%	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:	ENTACT		Date Collected:	10/30/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	10/31/24	
Client Sample ID:	WC-TA2-01-CMSD		SDG No.:	P4660	
Lab Sample ID:	P4660-03MSD		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028314.D	1	11/06/24 09:34	11/07/24 11:52	PB164752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	53.9		4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	58.5		4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	447		70 (39) - 130 (175)	89%	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
E
F
G
H

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM Case No.: P4660 SAS No.: P4660 SDG NO.: P4660

Instrument ID: ECD_S Calibration Date(s): 11/06/2024 11/06/2024

Calibration Times: 09:48 11:24

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

LAB FILE ID:	RT 200 = <u>PS028253.D</u>	RT 500 = <u>PS028254.D</u>
	RT 750 = <u>PS028255.D</u>	RT 1000 = <u>PS028256.D</u>
		RT 1500 = <u>PS028257.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM TO	
2,4,5-TP(Silvex)	9.92	9.92	9.92	9.92	9.92	9.92	9.82	10.02
2,4-D	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
2,4-DCAA	7.77	7.77	7.77	7.77	7.77	7.76	7.66	7.86

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4660 **SAS No.:** P4660 **SDG NO.:** P4660

Instrument ID: ECD_S **Calibration Date(s):** 11/06/2024 11/06/2024
Calibration Times: 09:48 11:24

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

LAB FILE ID:		CF 200 = <u>PS028253.D</u>		CF 500 = <u>PS028254.D</u>			
CF 750 = <u>PS028255.D</u>		CF 1000 = <u>PS028256.D</u>		CF 1500 = <u>PS028257.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	18381400000	17393400000	17071400000	16437600000	15844400000	17025600000	6
2,4-D	3499520000	3198390000	3124710000	3013570000	2944350000	3156110000	7
2,4-DCAA	2911600000	2530960000	2546610000	2432090000	2385800000	2561410000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4660 **SAS No.:** P4660 **SDG NO.:** P4660

Instrument ID: ECD_S **Calibration Date(s):** 11/06/2024 11/06/2024
Calibration Times: 09:48 11:24

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

LAB FILE ID:		CF 200 =	<u>PS028253.D</u>	CF 500 =	<u>PS028254.D</u>		
	CF 750 =	<u>PS028255.D</u>	CF 1000 =	<u>PS028256.D</u>	CF 1500 =	<u>PS028257.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	12950900000	12612000000	12578800000	12192000000	11879700000	12442700000	3
2,4-D	2348170000	2233230000	2226180000	2175820000	2167290000	2230140000	3
2,4-DCAA	1855960000	1741220000	1731630000	1690270000	1689820000	1741780000	4

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4660 **SAS No.:** P4660 **SDG NO.:** P4660

Continuing Calib Date: 11/07/2024 **Initial Calibration Date(s):** 11/06/2024 11/06/2024

Continuing Calib Time: 09:52 **Initial Calibration Time(s):** 09:48 11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.26	7.26	7.16	7.36	0.00
2,4-D	8.39	8.39	8.29	8.49	0.00
2,4,5-TP(Silvex)	9.27	9.28	9.18	9.38	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4660 SAS No.: P4660 SDG NO.: P4660

Continuing Calib Date: 11/07/2024 Initial Calibration Date(s): 11/06/2024 11/06/2024

Continuing Calib Time: 09:52 Initial Calibration Time(s): 09:48 11:24

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	9.01	9.02	8.92	9.12	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4660 SAS No.: P4660 SDG NO.: P4660

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/06/2024 11/06/2024

Client Sample No.: CCAL01 Date Analyzed: 11/07/2024

Lab Sample No.: HSTDCCC750 Data File : PS028309.D Time Analyzed: 09:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.269	9.177	9.377	775.150	712.500	8.8
2,4-D	8.387	8.294	8.494	754.140	705.000	7.0
2,4-DCAA	7.256	7.162	7.362	795.060	750.000	6.0

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4660 SAS No.: P4660 SDG NO.: P4660

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/06/2024 11/06/2024

Client Sample No.: CCAL01 Date Analyzed: 11/07/2024

Lab Sample No.: HSTDCCC750 Data File : PS028309.D Time Analyzed: 09:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.917	9.823	10.023	695.710	712.500	-2.4
2,4-D	9.010	8.915	9.115	678.350	705.000	-3.8
2,4-DCAA	7.761	7.665	7.865	740.370	750.000	-1.3

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4660 **SAS No.:** P4660 **SDG NO.:** P4660

Continuing Calib Date: 11/07/2024 **Initial Calibration Date(s):** 11/06/2024 11/06/2024

Continuing Calib Time: 14:16 **Initial Calibration Time(s):** 09:48 11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.26	7.26	7.16	7.36	0.00
2,4-D	8.39	8.39	8.29	8.49	0.00
2,4,5-TP(Silvex)	9.27	9.28	9.18	9.38	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4660 **SAS No.:** P4660 **SDG NO.:** P4660

Continuing Calib Date: 11/07/2024 **Initial Calibration Date(s):** 11/06/2024 11/06/2024

Continuing Calib Time: 14:16 **Initial Calibration Time(s):** 09:48 11:24

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	9.01	9.02	8.92	9.12	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4660 SAS No.: P4660 SDG NO.: P4660

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/06/2024 11/06/2024

Client Sample No.: CCAL02 Date Analyzed: 11/07/2024

Lab Sample No.: HSTDCCC750 Data File : PS028320.D Time Analyzed: 14:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.268	9.177	9.377	786.780	712.500	10.4
2,4-D	8.386	8.294	8.494	760.070	705.000	7.8
2,4-DCAA	7.256	7.162	7.362	800.400	750.000	6.7

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4660 SAS No.: P4660 SDG NO.: P4660

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/06/2024 11/06/2024

Client Sample No.: CCAL02 Date Analyzed: 11/07/2024

Lab Sample No.: HSTDCCC750 Data File : PS028320.D Time Analyzed: 14:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.917	9.823	10.023	687.890	712.500	-3.5
2,4-D	9.010	8.915	9.115	670.180	705.000	-4.9
2,4-DCAA	7.761	7.665	7.865	730.880	750.000	-2.5

Analytical Sequence

Client: ENTACT	SDG No.: P4660
Project: 540 Degraw St, Brooklyn, NY - E9309	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 11/06/2024 11/06/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
LBLK	LBLK	11/06/2024	09:24	PS028252.D	7.26	0.00
HSTDICC200	HSTDICC200	11/06/2024	09:48	PS028253.D	7.26	0.00
HSTDICC500	HSTDICC500	11/06/2024	10:12	PS028254.D	7.26	0.00
HSTDICC750	HSTDICC750	11/06/2024	10:36	PS028255.D	7.26	0.00
HSTDICC1000	HSTDICC1000	11/06/2024	11:00	PS028256.D	7.26	0.00
HSTDICC1500	HSTDICC1500	11/06/2024	11:24	PS028257.D	7.26	0.00
LBLK	LBLK	11/07/2024	09:28	PS028308.D	7.26	0.00
HSTDCCC750	HSTDCCC750	11/07/2024	09:52	PS028309.D	7.26	0.00
WC-TA2-01-C	P4660-03	11/07/2024	10:16	PS028310.D	7.26	0.00
WC-WOOD-01-C	P4660-07	11/07/2024	10:40	PS028311.D	7.26	0.00
WC-CONCRETE-01-C	P4660-11	11/07/2024	11:04	PS028312.D	7.26	0.00
WC-TA2-01-CMS	P4660-03MS	11/07/2024	11:28	PS028313.D	7.26	0.00
WC-TA2-01-CMSD	P4660-03MSD	11/07/2024	11:52	PS028314.D	7.26	0.00
PB164752BL	PB164752BL	11/07/2024	12:16	PS028315.D	7.26	0.00
PB164752BS	PB164752BS	11/07/2024	12:40	PS028316.D	7.26	0.00
PB164560TB	PB164560TB	11/07/2024	13:04	PS028317.D	7.26	0.00
LBLK	LBLK	11/07/2024	13:52	PS028319.D	7.26	0.00
HSTDCCC750	HSTDCCC750	11/07/2024	14:16	PS028320.D	7.26	0.00

Analytical Sequence

Client: ENTACT	SDG No.: P4660
Project: 540 Degraw St, Brooklyn, NY - E9309	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 11/06/2024 11/06/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
1.BLK	1.BLK	11/06/2024	09:24	PS028252.D	7.76	0.00
HSTDICC200	HSTDICC200	11/06/2024	09:48	PS028253.D	7.77	0.00
HSTDICC500	HSTDICC500	11/06/2024	10:12	PS028254.D	7.77	0.00
HSTDICC750	HSTDICC750	11/06/2024	10:36	PS028255.D	7.77	0.00
HSTDICC1000	HSTDICC1000	11/06/2024	11:00	PS028256.D	7.77	0.00
HSTDICC1500	HSTDICC1500	11/06/2024	11:24	PS028257.D	7.77	0.00
1.BLK	1.BLK	11/07/2024	09:28	PS028308.D	7.76	0.00
HSTDCCC750	HSTDCCC750	11/07/2024	09:52	PS028309.D	7.76	0.00
WC-TA2-01-C	P4660-03	11/07/2024	10:16	PS028310.D	7.76	0.00
WC-WOOD-01-C	P4660-07	11/07/2024	10:40	PS028311.D	7.76	0.00
WC-CONCRETE-01-C	P4660-11	11/07/2024	11:04	PS028312.D	7.76	0.00
WC-TA2-01-CMS	P4660-03MS	11/07/2024	11:28	PS028313.D	7.76	0.00
WC-TA2-01-CMSD	P4660-03MSD	11/07/2024	11:52	PS028314.D	7.76	0.00
PB164752BL	PB164752BL	11/07/2024	12:16	PS028315.D	7.76	0.00
PB164752BS	PB164752BS	11/07/2024	12:40	PS028316.D	7.76	0.00
PB164560TB	PB164560TB	11/07/2024	13:04	PS028317.D	7.76	0.00
1.BLK	1.BLK	11/07/2024	13:52	PS028319.D	7.76	0.00
HSTDCCC750	HSTDCCC750	11/07/2024	14:16	PS028320.D	7.76	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164752BS

Contract: ENTA05

Lab Code: CHEM

Case No.: P4660

SAS No.: P4660

SDG NO.: P4660

Lab Sample ID: PB164752BS

Date(s) Analyzed: 11/07/2024

11/07/2024

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	8.39	8.34	8.44	5.30	14.1
	2	9.01	8.96	9.06	4.60	
2,4,5-TP(Silvex)	1	9.27	9.22	9.32	5.50	15.7
	2	9.92	9.87	9.97	4.70	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-TA2-01-CMS

Contract: ENTA05

Lab Code: CHEM Case No.: P4660 SAS No.: P4660 SDG NO.: P4660

Lab Sample ID: P4660-03MS Date(s) Analyzed: 11/07/2024 11/07/2024

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	8.39	8.34	8.44	50.3	8.1
	2	9.01	8.96	9.06	46.4	
2,4,5-TP(Silvex)	1	9.27	9.22	9.32	50.1	5.4
	2	9.92	9.87	9.97	52.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-TA2-01-CMSD

Contract: ENTA05

Lab Code: CHEM

Case No.: P4660

SAS No.: P4660

SDG NO.: P4660

Lab Sample ID: P4660-03MSD

Date(s) Analyzed: 11/07/2024

11/07/2024

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	8.39	8.34	8.44	53.9	7.7
	2	9.01	8.96	9.06	49.9	
2,4,5-TP(Silvex)	1	9.27	9.22	9.32	53.7	8.6
	2	9.92	9.87	9.97	58.5	