

LAB CHRONICLE

OrderID:	P4495	OrderDate:	10/23/2024 10:29:00 AM
Client:	Chemtech Consulting Group	Project:	NJ Soil PT
Contact:	QA Officer	Location:	QA Office, VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4495-14	PT-DIES-SOIL	SOIL			10/21/24			10/23/24
			Diesel Range Organics	8015D		10/24/24	10/24/24	
			Diesel Range Organics	8015D		10/24/24	10/25/24	
P4495-15	PT-GAS-SOIL	SOIL			10/21/24			10/23/24
			Gasoline Range Organics	8015D			10/24/24	
			Gasoline Range Organics	8015D			10/30/24	
P4495-16	PT-NJEPH-SOIL	Solid			10/21/24			10/23/24
			EPH	NJEPH		10/25/24	10/28/24	
			EPH	NJEPH		10/25/24	10/29/24	
			EPH	NJEPH		10/25/24	10/28/24	
P4495-16DL 2	PT-NJEPH-SOILDL2	Solid			10/21/24			10/23/24
			EPH	NJEPH		10/25/24	10/28/24	
P4495-17	PT-HERB-SOIL	SOIL			10/21/24			10/23/24
			Herbicide Group1	8151A		11/14/24	11/25/24	
P4495-17RE	PT-HERB-SOILRE	SOIL			10/21/24			10/23/24
			Herbicide Group1	8151A		11/14/24	11/25/24	
P4495-18	PT-PCB-SOIL	SOIL			10/21/24			10/23/24
			PCB	8082A		10/25/24	10/25/24	
P4495-18DL	PT-PCB-SOIL DL	SOIL			10/21/24			10/23/24
			PCB	8082A		10/25/24	10/25/24	
P4495-19	PT-PCBO-SOIL	SOIL			10/21/24			10/23/24
			PCB	8082A		10/25/24	10/28/24	
P4495-19DL	PT-PCBO-SOILDL	SOIL			10/21/24			10/23/24

LAB CHRONICLE

			PCB	8082A		10/25/24	10/28/24	
P4495-20	PT-PEST-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL	PT-PEST-SOILDL	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL 2	PT-PEST-SOILDL2	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-21	PT-CHLR-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group2	8081B		10/25/24	10/31/24	
P4495-22	PT-TXP-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group3	8081B		10/25/24	10/31/24	
P4495-22DL	PT-TXP-SOILDL	SOIL			10/21/24			10/23/24
			PESTICIDE Group3	8081B		10/25/24	10/31/24	

Hit Summary Sheet
SW-846

SDG No.: P4495

Order ID: P4495

Client: Chemtech Consulting Group

Project ID: NJ Soil PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-HERB-SOIL								
P4495-17	PT-HERB-SOIL	SOIL	DICAMBA	158		8.60	66.7	ug/Kg
P4495-17	PT-HERB-SOIL	SOIL	DICHLORPROP	203		9.50	66.7	ug/Kg
P4495-17	PT-HERB-SOIL	SOIL	2,4-D	223		12.0	66.7	ug/Kg
P4495-17	PT-HERB-SOIL	SOIL	2,4,5-TP (Silvex)	145		9.30	66.7	ug/Kg
P4495-17	PT-HERB-SOIL	SOIL	2,4,5-T	154		10.1	66.7	ug/Kg
P4495-17	PT-HERB-SOIL	SOIL	2,4-DB	226	P	18.2	66.7	ug/Kg
P4495-17	PT-HERB-SOIL	SOIL	DINOSEB	89.5	P	12.3	66.7	ug/Kg
P4495-17	PT-HERB-SOIL	SOIL	Pentachlorophenol	78.7		10.5	66.7	ug/Kg
Total Concentration:				1,277.200				

Client ID : PT-HERB-SOILRE								
P4495-17RE	PT-HERB-SOILRE	SOIL	DICAMBA	159		8.60	66.7	ug/Kg
P4495-17RE	PT-HERB-SOILRE	SOIL	DICHLORPROP	203		9.50	66.7	ug/Kg
P4495-17RE	PT-HERB-SOILRE	SOIL	2,4-D	224		12.0	66.7	ug/Kg
P4495-17RE	PT-HERB-SOILRE	SOIL	2,4,5-TP (Silvex)	143		9.30	66.7	ug/Kg
P4495-17RE	PT-HERB-SOILRE	SOIL	2,4,5-T	160		10.1	66.7	ug/Kg
P4495-17RE	PT-HERB-SOILRE	SOIL	2,4-DB	226	P	18.2	66.7	ug/Kg
P4495-17RE	PT-HERB-SOILRE	SOIL	DINOSEB	83.6	P	12.3	66.7	ug/Kg
P4495-17RE	PT-HERB-SOILRE	SOIL	Pentachlorophenol	74.3		10.5	66.7	ug/Kg
Total Concentration:				1,272.900				



SAMPLE DATA



QC SUMMARY

Surrogate Summary

SDG No.: **P4495**

Client: **Chemtech Consulting Group**

Analytical Method: **8151A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS028487.D	PIBLK-PS028487.D	2,4-DCAA	1	500	548	110		39	175
		2,4-DCAA	2	500	547	109		39	175
I.BLK-PS028533.D	PIBLK-PS028533.D	2,4-DCAA	1	500	588	118		39	175
		2,4-DCAA	2	500	584	117		39	175
PB164971BL	PB164971BL	2,4-DCAA	1	500	497	99		10	141
		2,4-DCAA	2	500	484	97		10	141
PB164971BS	PB164971BS	2,4-DCAA	1	500	542	108		10	141
		2,4-DCAA	2	500	533	107		10	141
P4821-05MS	BP-F-2MS	2,4-DCAA	1	500	463	93		10	141
		2,4-DCAA	2	500	417	83		10	141
P4821-05MSD	BP-F-2MSD	2,4-DCAA	1	500	468	94		10	141
		2,4-DCAA	2	500	421	84		10	141
I.BLK-PS028544.D	PIBLK-PS028544.D	2,4-DCAA	1	500	607	121		39	175
		2,4-DCAA	2	500	600	120		39	175
I.BLK-PS028613.D	PIBLK-PS028613.D	2,4-DCAA	1	500	555	111		39	175
		2,4-DCAA	2	500	487	97		39	175
P4495-17	PT-HERB-SOIL	2,4-DCAA	1	500	922	184	*	10	141
		2,4-DCAA	2	500	299	60		10	141
P4495-17RE	PT-HERB-SOILRE	2,4-DCAA	1	500	957	191	*	10	141
		2,4-DCAA	2	500	294	59		10	141
I.BLK-PS028617.D	PIBLK-PS028617.D	2,4-DCAA	1	500	557	111		39	175
		2,4-DCAA	2	500	506	101		39	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8151A

DataFile : PS028539.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4821-05MS	BP-F-2MS											
	DICAMBA	187.7	0	142	ug/Kg	76				10	112	
	MCPD	18.77	0	12.0	ug/Kg	64	*			70	130	
	Dalapon	187.7	0	107	ug/Kg	57	*			70	130	
	MCPA	18.77	0	12.9	ug/Kg	69	*			70	130	
	DICHLORPROP	187.7	0	136	ug/Kg	72				10	113	
	2,4-D	187.7	0	157	ug/Kg	84				10	144	
	2,4,5-TP(Silvex)	187.7	0	130	ug/Kg	69				10	114	
	2,4,5-T	187.7	0	131	ug/Kg	70				10	115	
	2,4-DB	187.7	0	118	ug/Kg	63				10	140	
	Dinoseb	187.7	0	16.0	ug/Kg	9	*			10	118	
	Pentachlorophenol	187.7	0	116	ug/Kg	62	*			70	130	
	4-Nitrophenol	187.7	0	131	ug/Kg	70				70	130	
	PICLORAM	187.7	0	113	ug/Kg	60	*			70	130	
	DCPA	187.7	0	147	ug/Kg	78				70	130	
	3,5-DICHLOROBENZO	187.7	0	141	ug/Kg	75				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8151A

DataFile : PS028540.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	BP-F-2MSD											
P4821-05MSD	DICAMBA	187.6	0	143	ug/Kg	76		0		10	112	20
	MCPD	187.6	0	12.2	ug/Kg	65	*	2		70	130	20
	Dalapon	187.6	0	101	ug/Kg	54	*	5		70	130	20
	MCPA	187.6	0	13.1	ug/Kg	70		1		70	130	20
	DICHLORPROP	187.6	0	137	ug/Kg	73		1		10	113	20
	2,4-D	187.6	0	159	ug/Kg	85		1		10	144	20
	2,4,5-TP(Silvex)	187.6	0	131	ug/Kg	70		1		10	114	20
	2,4,5-T	187.6	0	134	ug/Kg	71		1		10	115	20
	2,4-DB	187.6	0	120	ug/Kg	64		2		10	140	20
	Dinoseb	187.6	0	17.5	ug/Kg	9	*	0		10	118	20
	Pentachlorophenol	187.6	0	118	ug/Kg	63	*	2		70	130	20
	4-Nitrophenol	187.6	0	133	ug/Kg	71		1		70	130	20
	PICLORAM	187.6	0	116	ug/Kg	62	*	3		70	130	20
	DCPA	187.6	0	148	ug/Kg	79		1		70	130	20
	3,5-DICHLOROBENZO	187.6	0	143	ug/Kg	76		1		70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4495

Client: Chemtech Consulting Group

Analytical Method: 8151A Datafile : PS028536.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164971BS	DICAMBA	166.6	169	ug/Kg	101				72	129	
	MCP	16.66	16.2	ug/Kg	97				70	130	
	Dalapon	166.6	151	ug/Kg	91				70	130	
	MCPA	16.66	15.9	ug/Kg	95				70	130	
	DICHLORPROP	166.6	170	ug/Kg	102				77	135	
	2,4-D	166.6	169	ug/Kg	101				65	144	
	2,4,5-TP(Silvex)	166.6	173	ug/Kg	104				74	146	
	2,4,5-T	166.6	172	ug/Kg	103				77	134	
	2,4-DB	166.6	166	ug/Kg	100				72	122	
	Dinoseb	166.6	163	ug/Kg	98				74	132	
	Pentachlorophenol	166.6	182	ug/Kg	109				70	130	
	4-Nitrophenol	166.6	160	ug/Kg	96				70	130	
	PICLORAM	166.6	141	ug/Kg	85				70	130	
	DCPA	166.6	174	ug/Kg	104				70	130	
	3,5-DICHLOROBENZOIC	166.6	169	ug/Kg	101				70	130	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164971BL

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: PB164971BL

Lab File ID: PS028535.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/14/2024

Date Analyzed (1): 11/14/2024

Date Analyzed (2): 11/14/2024

Time Analyzed (1): 16:35

Time Analyzed (2): 16:35

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
PB164971BS	PB164971BS	PS028536.D	11/14/2024	11/14/2024
BP-F-2MS	P4821-05MS	PS028539.D	11/14/2024	11/14/2024
BP-F-2MSD	P4821-05MSD	PS028540.D	11/14/2024	11/14/2024
PT-HERB-SOIL	P4495-17	PS028615.D	11/25/2024	11/25/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	PB164971BL		SDG No.:	P4495	
Lab Sample ID:	PB164971BL		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028535.D	1	11/14/24 09:05	11/14/24 16:35	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
93-65-2	MCPP	1.00	U	1.00	6.70	ug/Kg
1918-00-9	DICAMBA	8.70	U	8.70	66.9	ug/Kg
75-99-0	DALAPON	24.8	U	24.8	66.9	ug/Kg
94-74-6	MCPA	1.70	U	1.70	6.70	ug/Kg
120-36-5	DICHLORPROP	9.50	U	9.50	66.9	ug/Kg
94-75-7	2,4-D	12.1	U	12.1	66.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.40	U	9.40	66.9	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	66.9	ug/Kg
94-82-6	2,4-DB	18.3	U	18.3	66.9	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	66.9	ug/Kg
87-86-5	Pentachlorophenol	10.5	U	10.5	66.9	ug/Kg
100-02-7	4-Nitrophenol	17.6	U	17.6	66.9	ug/Kg
1918-02-1	PICLORAM	9.50	U	9.50	66.9	ug/Kg
1861-32-1	DCPA	11.7	U	11.7	66.9	ug/Kg
51-36-5	3,5-DICHLOROBENZOIC AC	11.1	U	11.1	66.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	497		10 - 141	99%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	NJ Soil PT		Date Received:	
Client Sample ID:	PB164971BL		SDG No.:	P4495
Lab Sample ID:	PB164971BL		Matrix:	SOIL
Analytical Method:	SW8151A		% Solid:	100
Sample Wt/Vol:	30.03	Units: g	Decanted:	
Soil Aliquot Vol:		uL	Final Vol:	10000 uL
Extraction Type:			Test:	Herbicide Group1
GPC Factor :	1.0	PH :	Injection Volume :	
Prep Method :	8151A			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028535.D	1	11/14/24 09:05	11/14/24 16:35	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Chemtech Consulting Group	Date Collected:	11/13/24
Project:	NJ Soil PT	Date Received:	11/13/24
Client Sample ID:	PIBLK-PS028487.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PS028487.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Herbicide Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028487.D	1		11/13/24	PS111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
93-65-2	MCPP	0.047	U	0.047	0.20	ug/L
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
75-99-0	DALAPON	1.10	U	1.10	2.00	ug/L
94-74-6	MCPA	0.052	U	0.052	0.20	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
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
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
87-86-5	Pentachlorophenol	0.50	U	0.50	2.00	ug/L
100-02-7	4-Nitrophenol	0.53	U	0.53	2.00	ug/L
1918-02-1	PICLORAM	0.50	U	0.50	2.00	ug/L
1861-32-1	DCPA	0.54	U	0.54	2.00	ug/L
51-36-5	3,5-DICHLOROBENZOIC AC	0.48	U	0.48	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	548		39 - 175	110%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	11/13/24	
Project:	NJ Soil PT		Date Received:	11/13/24	
Client Sample ID:	PIBLK-PS028487.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-PS028487.D		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028487.D	1		11/13/24	PS111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	Chemtech Consulting Group	Date Collected:	11/14/24
Project:	NJ Soil PT	Date Received:	11/14/24
Client Sample ID:	PIBLK-PS028533.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PS028533.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Herbicide Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028533.D	1		11/14/24	PS111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
93-65-2	MCPP	0.047	U	0.047	0.20	ug/L
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
75-99-0	DALAPON	1.10	U	1.10	2.00	ug/L
94-74-6	MCPA	0.052	U	0.052	0.20	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
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
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
87-86-5	Pentachlorophenol	0.50	U	0.50	2.00	ug/L
100-02-7	4-Nitrophenol	0.53	U	0.53	2.00	ug/L
1918-02-1	PICLORAM	0.50	U	0.50	2.00	ug/L
1861-32-1	DCPA	0.54	U	0.54	2.00	ug/L
51-36-5	3,5-DICHLOROBENZOIC AC	0.48	U	0.48	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	588		39 - 175	118%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	11/14/24	
Project:	NJ Soil PT		Date Received:	11/14/24	
Client Sample ID:	PIBLK-PS028533.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-PS028533.D		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028533.D	1		11/14/24	PS111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Chemtech Consulting Group		Date Collected:	11/14/24	
Project:	NJ Soil PT		Date Received:	11/14/24	
Client Sample ID:	PIBLK-PS028544.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-PS028544.D		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028544.D	1		11/14/24	PS111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
93-65-2	MCPP	0.047	U	0.047	0.20	ug/L
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
75-99-0	DALAPON	1.10	U	1.10	2.00	ug/L
94-74-6	MCPA	0.052	U	0.052	0.20	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
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
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
87-86-5	Pentachlorophenol	0.50	U	0.50	2.00	ug/L
100-02-7	4-Nitrophenol	0.53	U	0.53	2.00	ug/L
1918-02-1	PICLORAM	0.50	U	0.50	2.00	ug/L
1861-32-1	DCPA	0.54	U	0.54	2.00	ug/L
51-36-5	3,5-DICHLOROBENZOIC AC	0.48	U	0.48	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	607		39 - 175	121%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	11/14/24	
Project:	NJ Soil PT		Date Received:	11/14/24	
Client Sample ID:	PIBLK-PS028544.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-PS028544.D		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028544.D	1		11/14/24	PS111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

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LOD = Limit of Detection

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

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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:	Chemtech Consulting Group	Date Collected:	11/25/24
Project:	NJ Soil PT	Date Received:	11/25/24
Client Sample ID:	PIBLK-PS028613.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-PS028613.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Herbicide Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028613.D	1		11/25/24	PS112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
93-65-2	MCPP	0.047	U	0.047	0.20	ug/L
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
75-99-0	DALAPON	1.10	U	1.10	2.00	ug/L
94-74-6	MCPA	0.052	U	0.052	0.20	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
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
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
87-86-5	Pentachlorophenol	0.50	U	0.50	2.00	ug/L
100-02-7	4-Nitrophenol	0.53	U	0.53	2.00	ug/L
1918-02-1	PICLORAM	0.50	U	0.50	2.00	ug/L
1861-32-1	DCPA	0.54	U	0.54	2.00	ug/L
51-36-5	3,5-DICHLOROBENZOIC AC	0.48	U	0.48	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	555		39 - 175	111%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	11/25/24	
Project:	NJ Soil PT		Date Received:	11/25/24	
Client Sample ID:	PIBLK-PS028613.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-PS028613.D		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028613.D	1		11/25/24	PS112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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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

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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:	Chemtech Consulting Group		Date Collected:	11/25/24	
Project:	NJ Soil PT		Date Received:	11/25/24	
Client Sample ID:	PIBLK-PS028617.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-PS028617.D		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028617.D	1		11/25/24	PS112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
93-65-2	MCPP	0.047	U	0.047	0.20	ug/L
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
75-99-0	DALAPON	1.10	U	1.10	2.00	ug/L
94-74-6	MCPA	0.052	U	0.052	0.20	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
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
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
87-86-5	Pentachlorophenol	0.50	U	0.50	2.00	ug/L
100-02-7	4-Nitrophenol	0.53	U	0.53	2.00	ug/L
1918-02-1	PICLORAM	0.50	U	0.50	2.00	ug/L
1861-32-1	DCPA	0.54	U	0.54	2.00	ug/L
51-36-5	3,5-DICHLOROBENZOIC AC	0.48	U	0.48	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	557		39 - 175	111%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	11/25/24	
Project:	NJ Soil PT		Date Received:	11/25/24	
Client Sample ID:	PIBLK-PS028617.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-PS028617.D		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028617.D	1		11/25/24	PS112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	PB164971BS		SDG No.:	P4495	
Lab Sample ID:	PB164971BS		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028536.D	1	11/14/24 09:05	11/14/24 17:00	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
93-65-2	MCPP	16.2		1.00	6.70	ug/Kg
1918-00-9	DICAMBA	169		8.70	67.0	ug/Kg
75-99-0	DALAPON	151		24.8	67.0	ug/Kg
94-74-6	MCPA	15.9		1.70	6.70	ug/Kg
120-36-5	DICHLORPROP	170		9.50	67.0	ug/Kg
94-75-7	2,4-D	169		12.1	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	173		9.40	67.0	ug/Kg
93-76-5	2,4,5-T	172		10.1	67.0	ug/Kg
94-82-6	2,4-DB	166		18.3	67.0	ug/Kg
88-85-7	DINOSEB	163		12.4	67.0	ug/Kg
87-86-5	Pentachlorophenol	182		10.5	67.0	ug/Kg
100-02-7	4-Nitrophenol	160		17.6	67.0	ug/Kg
1918-02-1	PICLORAM	141		9.50	67.0	ug/Kg
1861-32-1	DCPA	174		11.7	67.0	ug/Kg
51-36-5	3,5-DICHLOROBENZOIC AC	169		11.1	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	542		10 - 141	108%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	PB164971BS		SDG No.:	P4495	
Lab Sample ID:	PB164971BS		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028536.D	1	11/14/24 09:05	11/14/24 17:00	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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:	Chemtech Consulting Group		Date Collected:	11/12/24	
Project:	NJ Soil PT		Date Received:	11/12/24	
Client Sample ID:	BP-F-2MS		SDG No.:	P4495	
Lab Sample ID:	P4821-05MS		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	88.6	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028539.D	1	11/14/24 09:05	11/14/24 18:14	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
93-65-2	MCPP	12.0		1.10	7.50	ug/Kg
1918-00-9	DICAMBA	142		9.80	75.5	ug/Kg
75-99-0	DALAPON	107	P	27.9	75.5	ug/Kg
94-74-6	MCPA	12.9		1.90	7.50	ug/Kg
120-36-5	DICHLORPROP	136		10.7	75.5	ug/Kg
94-75-7	2,4-D	157		13.6	75.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	130		10.6	75.5	ug/Kg
93-76-5	2,4,5-T	131		11.4	75.5	ug/Kg
94-82-6	2,4-DB	118		20.6	75.5	ug/Kg
88-85-7	DINOSEB	16.0	J	14.0	75.5	ug/Kg
87-86-5	Pentachlorophenol	116		11.8	75.5	ug/Kg
100-02-7	4-Nitrophenol	131		19.8	75.5	ug/Kg
1918-02-1	PICLORAM	113		10.7	75.5	ug/Kg
1861-32-1	DCPA	147		13.2	75.5	ug/Kg
51-36-5	3,5-DICHLOROBENZOIC AC	141		12.5	75.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	463		10 - 141	93%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	11/12/24	
Project:	NJ Soil PT		Date Received:	11/12/24	
Client Sample ID:	BP-F-2MS		SDG No.:	P4495	
Lab Sample ID:	P4821-05MS		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	88.6	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028539.D	1	11/14/24 09:05	11/14/24 18:14	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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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:	Chemtech Consulting Group		Date Collected:	11/12/24	
Project:	NJ Soil PT		Date Received:	11/12/24	
Client Sample ID:	BP-F-2MSD		SDG No.:	P4495	
Lab Sample ID:	P4821-05MSD		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	88.6	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028540.D	1	11/14/24 09:05	11/14/24 18:38	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
93-65-2	MCPP	12.2		1.10	7.50	ug/Kg
1918-00-9	DICAMBA	143		9.80	75.4	ug/Kg
75-99-0	DALAPON	101	P	27.9	75.4	ug/Kg
94-74-6	MCPA	13.1		1.90	7.50	ug/Kg
120-36-5	DICHLORPROP	137		10.7	75.4	ug/Kg
94-75-7	2,4-D	159		13.6	75.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	131		10.6	75.4	ug/Kg
93-76-5	2,4,5-T	134		11.4	75.4	ug/Kg
94-82-6	2,4-DB	120		20.6	75.4	ug/Kg
88-85-7	DINOSEB	17.5	J	14.0	75.4	ug/Kg
87-86-5	Pentachlorophenol	118		11.8	75.4	ug/Kg
100-02-7	4-Nitrophenol	133		19.8	75.4	ug/Kg
1918-02-1	PICLORAM	116		10.7	75.4	ug/Kg
1861-32-1	DCPA	148		13.2	75.4	ug/Kg
51-36-5	3,5-DICHLOROBENZOIC AC	143		12.5	75.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	468		10 - 141	94%	SPK: 500

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	11/12/24	
Project:	NJ Soil PT		Date Received:	11/12/24	
Client Sample ID:	BP-F-2MSD		SDG No.:	P4495	
Lab Sample ID:	P4821-05MSD		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	88.6	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028540.D	1	11/14/24 09:05	11/14/24 18:38	PB164971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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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

Calibration Times: 11:44 13:23

LAB FILE ID:	RT 200 =	<u>PS028488.D</u>	RT 500 =	<u>PS028489.D</u>
	RT 750 =	PS028490.D	RT 1000 =	PS028491.D
			RT 1500 =	PS028492.D

[illegible]

A
B
C
D
E
F
G
H

Calibration Times: 11:44 13:23

LAB FILE ID:	RT 200 =	<u>PS028488.D</u>	RT 500 =	<u>PS028489.D</u>
	RT 750 =	PS028490.D	RT 1000 =	PS028491.D
			RT 1500 =	PS028492.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_S **Calibration Date(s):** 11/13/2024 11/13/2024
Calibration Times: 11:44 13:23

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

LAB FILE ID:		CF 200 = <u>PS028488.D</u>		CF 500 = <u>PS028489.D</u>			
CF 750 = <u>PS028490.D</u>		CF 1000 = <u>PS028491.D</u>		CF 1500 = <u>PS028492.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	18386800000	18633200000	18107000000	17245300000	16500400000	17774500000	5
2,4,5-TP(Silvex)	17984700000	18202900000	17704400000	16835500000	16126100000	17370700000	5
2,4-D	3426680000	3322800000	3216710000	3055910000	2962550000	3196930000	6
2,4-DB	2775070000	2796180000	2757470000	2665480000	2633900000	2725620000	3
2,4-DCAA	2772700000	2649760000	2564110000	2437330000	2355500000	2555880000	6
3,5-DICHLOROBENZOIC	3960280000	3872050000	3753000000	3591720000	3479420000	3731300000	5
4-Nitrophenol	1757650000	1736360000	1707240000	1650670000	1640320000	1698450000	3
Dalapon	3120120000	3395600000	3446340000	3403500000	3431780000	3359470000	4
DCPA	26972900000	27730700000	26929900000	25526800000	24406500000	26313400000	5
DICAMBA	10941000000	11294600000	11176100000	10780800000	10517300000	10942000000	3
DICHLORPROP	3167160000	3061980000	2956180000	2829410000	2742080000	2951360000	6
Dinoseb	14533900000	14783600000	14512900000	13884800000	13573700000	14257800000	4
MCPA	9483790000	10343700000	10486600000	10309100000	10400300000	10204700000	4
MCPP	5526200000	7096500000	7438810000	7432240000	7679580000	7034670000	12
Pentachlorophenol	44914200000	45659800000	44138100000	40921500000	33046500000	41736000000	12
PICLORAM	27386000000	29100400000	28970000000	27917200000	27425100000	28159700000	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4495 **SAS No.:** P4495 **SDG NO.:** P4495

Instrument ID: ECD_S **Calibration Date(s):** 11/13/2024 11/13/2024
Calibration Times: 11:44 13:23

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

LAB FILE ID:							
CF 200 =		PS028488.D		CF 500 =		PS028489.D	
CF 750 =		PS028490.D		CF 1000 =		PS028491.D	
				CF 1500 =		PS028492.D	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	8025570000	8639330000	8638960000	8380390000	8227530000	8382360000	3
2,4,5-TP(Silvex)	8015310000	8674200000	8711600000	8465070000	8325300000	8438300000	3
2,4-D	1549260000	1596990000	1592240000	1549180000	1540080000	1565550000	2
2,4-DB	1001820000	1055890000	1068810000	1049150000	1063010000	1047740000	3
2,4-DCAA	1280520000	1318140000	1312940000	1279750000	1270170000	1292300000	2
3,5-DICHLOROBENZOIC	1889920000	1974960000	1969830000	1919810000	1907490000	1932400000	2
4-Nitrophenol	881256000	881049000	869521000	843765000	841382000	863395000	2
Dalapon	2313790000	2430440000	2468450000	2435700000	2451210000	2419920000	3
DCPA	9066790000	10009100000	10041000000	9759640000	9615670000	9698430000	4
DICAMBA	5125500000	5785090000	5914080000	5838640000	5857070000	5704080000	6
DICHLORPROP	1425030000	1481610000	1488150000	1453050000	1455000000	1460570000	2
Dinoseb	5291460000	5640670000	5677020000	5515940000	5517420000	5528500000	3
MCPA	6152190000	6279400000	6266200000	6127550000	6141900000	6193450000	1
MCPP	3879220000	4334830000	4442220000	4388030000	4460400000	4300940000	6
Pentachlorophenol	19245900000	20983900000	20830900000	19989700000	19176300000	20045300000	4
PICLORAM	9816960000	11492400000	11788000000	11698100000	11799800000	11319000000	8

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/14/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 12:02 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.43	7.43	7.33	7.53	0.00
MCPD	7.61	7.61	7.51	7.71	0.00
2,4-DCAA	7.24	7.24	7.14	7.34	0.00
Dalapon	2.63	2.64	2.54	2.74	0.01
MCPA	7.76	7.76	7.66	7.86	0.00
DICHLORPROP	8.14	8.14	8.04	8.24	0.00
2,4-D	8.37	8.37	8.27	8.47	0.00
2,4,5-TP(Silvex)	9.25	9.25	9.15	9.35	0.00
2,4,5-T	9.54	9.54	9.44	9.64	0.00
2,4-DB	10.12	10.12	10.02	10.22	0.00
Dinoseb	11.33	11.33	11.23	11.43	0.00
Pentachlorophenol	8.67	8.67	8.57	8.77	0.00
4-Nitrophenol	7.04	7.04	6.94	7.14	0.00
PICLORAM	11.14	11.14	11.04	11.24	0.00
DCPA	11.63	11.63	11.53	11.73	0.00
3,5-DICHLOROBENZ	6.41	6.41	6.31	6.51	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/14/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 12:02 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.94	7.94	7.84	8.04	0.00
MCPD	8.04	8.05	7.95	8.15	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
Dalapon	2.69	2.70	2.60	2.80	0.01
MCPA	8.29	8.29	8.19	8.39	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	8.99	8.99	8.89	9.09	0.00
2,4,5-TP(Silvex)	9.89	9.90	9.80	10.00	0.01
2,4,5-T	10.31	10.32	10.22	10.42	0.01
2,4-DB	10.88	10.88	10.78	10.98	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00
Pentachlorophenol	9.52	9.52	9.42	9.62	0.00
4-Nitrophenol	7.27	7.27	7.17	7.37	0.00
PICLORAM	12.36	12.36	12.26	12.46	0.00
DCPA	12.31	12.31	12.21	12.41	0.00
3,5-DICHLOROBENZ	6.69	6.70	6.60	6.80	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL01 Date Analyzed: 11/14/2024

Lab Sample No.: HSTDCCC750 Data File : PS028534.D Time Analyzed: 12:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.543	9.443	9.643	755.870	712.500	6.1
2,4,5-TP(Silvex)	9.249	9.150	9.350	759.220	712.500	6.6
2,4-D	8.369	8.270	8.470	736.520	705.000	4.5
2,4-DB	10.118	10.019	10.219	773.480	712.500	8.6
2,4-DCAA	7.240	7.141	7.341	762.420	750.000	1.7
3,5-DICHLOROBENZOIC ACID	6.410	6.311	6.511	713.710	697.500	2.3
4-Nitrophenol	7.039	6.939	7.139	678.040	682.500	-0.7
Dalapon	2.634	2.539	2.739	656.070	682.500	-3.9
DCPA	11.625	11.526	11.726	700.890	720.000	-2.7
DICAMBA	7.428	7.329	7.529	751.910	705.000	6.7
DICHLORPROP	8.138	8.039	8.239	707.800	705.000	0.4
Dinoseb	11.332	11.233	11.433	756.040	705.000	7.2
MCPA	7.762	7.663	7.863	74.130	69.750	6.3
MCPP	7.612	7.512	7.712	80.190	70.500	13.7
Pentachlorophenol	8.669	8.570	8.770	793.700	712.500	11.4
PICLORAM	11.138	11.039	11.239	722.400	712.500	1.4

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL01 Date Analyzed: 11/14/2024

Lab Sample No.: HSTDCCC750 Data File : PS028534.D Time Analyzed: 12:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.314	10.216	10.416	759.140	712.500	6.5
2,4,5-TP(Silvex)	9.893	9.796	9.996	766.920	712.500	7.6
2,4-D	8.987	8.890	9.090	744.150	705.000	5.6
2,4-DB	10.882	10.784	10.984	752.580	712.500	5.6
2,4-DCAA	7.740	7.642	7.842	765.530	750.000	2.1
3,5-DICHLOROBENZOIC ACID	6.693	6.595	6.795	713.760	697.500	2.3
4-Nitrophenol	7.266	7.168	7.368	675.750	682.500	-1.0
Dalapon	2.693	2.599	2.799	630.950	682.500	-7.6
DCPA	12.306	12.208	12.408	694.870	720.000	-3.5
DICAMBA	7.940	7.842	8.042	758.700	705.000	7.6
DICHLORPROP	8.657	8.559	8.759	722.790	705.000	2.5
Dinoseb	11.261	11.163	11.363	752.810	705.000	6.8
MCPA	8.288	8.191	8.391	71.570	69.750	2.6
MCPP	8.043	7.945	8.145	76.500	70.500	8.5
Pentachlorophenol	9.516	9.419	9.619	777.580	712.500	9.1
PICLORAM	12.357	12.260	12.460	730.530	712.500	2.5

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/14/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 20:40 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.43	7.43	7.33	7.53	0.00
MCP	7.61	7.61	7.51	7.71	0.00
2,4-DCAA	7.24	7.24	7.14	7.34	0.00
Dalapon	2.63	2.64	2.54	2.74	0.01
MCPA	7.76	7.76	7.66	7.86	0.00
DICHLORPROP	8.14	8.14	8.04	8.24	0.00
2,4-D	8.37	8.37	8.27	8.47	0.00
2,4,5-TP(Silvex)	9.25	9.25	9.15	9.35	0.00
2,4,5-T	9.54	9.54	9.44	9.64	0.00
2,4-DB	10.12	10.12	10.02	10.22	0.00
Dinoseb	11.33	11.33	11.23	11.43	0.00
Pentachlorophenol	8.67	8.67	8.57	8.77	0.00
4-Nitrophenol	7.04	7.04	6.94	7.14	0.00
PICLORAM	11.14	11.14	11.04	11.24	0.00
DCPA	11.62	11.63	11.53	11.73	0.01
3,5-DICHLOROBENZ	6.41	6.41	6.31	6.51	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/14/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 20:40 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.94	7.94	7.84	8.04	0.00
MCPD	8.04	8.05	7.95	8.15	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
Dalapon	2.69	2.70	2.60	2.80	0.01
MCPA	8.29	8.29	8.19	8.39	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.01
2,4-D	8.99	8.99	8.89	9.09	0.00
2,4,5-TP(Silvex)	9.89	9.90	9.80	10.00	0.01
2,4,5-T	10.31	10.32	10.22	10.42	0.01
2,4-DB	10.88	10.88	10.78	10.98	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00
Pentachlorophenol	9.52	9.52	9.42	9.62	0.00
4-Nitrophenol	7.27	7.27	7.17	7.37	0.01
PICLORAM	12.36	12.36	12.26	12.46	0.00
DCPA	12.31	12.31	12.21	12.41	0.00
3,5-DICHLOROBENZ	6.69	6.70	6.60	6.80	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL02 Date Analyzed: 11/14/2024

Lab Sample No.: HSTDCCC750 Data File : PS028545.D Time Analyzed: 20:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.541	9.443	9.643	770.840	712.500	8.2
2,4,5-TP(Silvex)	9.248	9.150	9.350	775.590	712.500	8.9
2,4-D	8.368	8.270	8.470	754.130	705.000	7.0
2,4-DB	10.117	10.019	10.219	792.690	712.500	11.3
2,4-DCAA	7.239	7.141	7.341	779.080	750.000	3.9
3,5-DICHLOROBENZOIC ACID	6.410	6.311	6.511	728.310	697.500	4.4
4-Nitrophenol	7.038	6.939	7.139	690.420	682.500	1.2
Dalapon	2.633	2.539	2.739	671.270	682.500	-1.6
DCPA	11.624	11.526	11.726	718.820	720.000	-0.2
DICAMBA	7.427	7.329	7.529	767.520	705.000	8.9
DICHLORPROP	8.137	8.039	8.239	724.010	705.000	2.7
Dinoseb	11.330	11.233	11.433	777.230	705.000	10.2
MCPA	7.761	7.663	7.863	75.310	69.750	8.0
MCPP	7.611	7.512	7.712	80.840	70.500	14.7
Pentachlorophenol	8.668	8.570	8.770	809.590	712.500	13.6
PICLORAM	11.137	11.039	11.239	729.270	712.500	2.4

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL02 Date Analyzed: 11/14/2024

Lab Sample No.: HSTDCCC750 Data File : PS028545.D Time Analyzed: 20:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.313	10.216	10.416	771.980	712.500	8.3
2,4,5-TP(Silvex)	9.892	9.796	9.996	780.280	712.500	9.5
2,4-D	8.986	8.890	9.090	757.930	705.000	7.5
2,4-DB	10.880	10.784	10.984	763.510	712.500	7.2
2,4-DCAA	7.739	7.642	7.842	775.870	750.000	3.4
3,5-DICHLOROBENZOIC ACID	6.692	6.595	6.795	723.600	697.500	3.7
4-Nitrophenol	7.265	7.168	7.368	688.130	682.500	0.8
Dalapon	2.694	2.599	2.799	645.900	682.500	-5.4
DCPA	12.305	12.208	12.408	702.620	720.000	-2.4
DICAMBA	7.939	7.842	8.042	772.000	705.000	9.5
DICHLORPROP	8.655	8.559	8.759	727.180	705.000	3.1
Dinoseb	11.260	11.163	11.363	770.740	705.000	9.3
MCPA	8.287	8.191	8.391	72.210	69.750	3.5
MCPP	8.042	7.945	8.145	77.010	70.500	9.2
Pentachlorophenol	9.516	9.419	9.619	791.850	712.500	11.1
PICLORAM	12.356	12.260	12.460	735.290	712.500	3.2

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/25/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 10:14 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.41	7.43	7.33	7.53	0.02
MCP	7.60	7.61	7.51	7.71	0.01
2,4-DCAA	7.23	7.24	7.14	7.34	0.01
Dalapon	2.64	2.64	2.54	2.74	0.01
MCPA	7.75	7.76	7.66	7.86	0.01
DICHLORPROP	8.12	8.14	8.04	8.24	0.02
2,4-D	8.35	8.37	8.27	8.47	0.02
2,4,5-TP(Silvex)	9.23	9.25	9.15	9.35	0.02
2,4,5-T	9.52	9.54	9.44	9.64	0.02
2,4-DB	10.10	10.12	10.02	10.22	0.02
Dinoseb	11.31	11.33	11.23	11.43	0.02
Pentachlorophenol	8.65	8.67	8.57	8.77	0.02
4-Nitrophenol	7.03	7.04	6.94	7.14	0.01
PICLORAM	11.11	11.14	11.04	11.24	0.03
DCPA	11.60	11.63	11.53	11.73	0.03
3,5-DICHLOROBENZ	6.40	6.41	6.31	6.51	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/25/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 10:14 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.93	7.94	7.84	8.04	0.01
MCPD	8.03	8.05	7.95	8.15	0.02
2,4-DCAA	7.73	7.74	7.64	7.84	0.01
Dalapon	2.69	2.70	2.60	2.80	0.01
MCPA	8.27	8.29	8.19	8.39	0.02
DICHLORPROP	8.64	8.66	8.56	8.76	0.02
2,4-D	8.97	8.99	8.89	9.09	0.02
2,4,5-TP(Silvex)	9.88	9.90	9.80	10.00	0.02
2,4,5-T	10.30	10.32	10.22	10.42	0.02
2,4-DB	10.86	10.88	10.78	10.98	0.02
Dinoseb	11.24	11.26	11.16	11.36	0.02
Pentachlorophenol	9.50	9.52	9.42	9.62	0.02
4-Nitrophenol	7.25	7.27	7.17	7.37	0.02
PICLORAM	12.34	12.36	12.26	12.46	0.02
DCPA	12.28	12.31	12.21	12.41	0.03
3,5-DICHLOROBENZ	6.68	6.70	6.60	6.80	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL03 Date Analyzed: 11/25/2024

Lab Sample No.: HSTDCCC750 Data File : PS028614.D Time Analyzed: 10:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.521	9.443	9.643	764.730	712.500	7.3
2,4,5-TP(Silvex)	9.229	9.150	9.350	772.700	712.500	8.4
2,4-D	8.352	8.270	8.470	746.500	705.000	5.9
2,4-DB	10.095	10.019	10.219	722.880	712.500	1.5
2,4-DCAA	7.226	7.141	7.341	786.480	750.000	4.9
3,5-DICHLOROBENZOIC ACID	6.398	6.311	6.511	747.950	697.500	7.2
4-Nitrophenol	7.025	6.939	7.139	731.160	682.500	7.1
Dalapon	2.635	2.539	2.739	722.540	682.500	5.9
DCPA	11.599	11.526	11.726	773.680	720.000	7.5
DICAMBA	7.414	7.329	7.529	775.860	705.000	10.1
DICHLORPROP	8.121	8.039	8.239	754.340	705.000	7.0
Dinoseb	11.305	11.233	11.433	751.080	705.000	6.5
MCPA	7.746	7.663	7.863	74.370	69.750	6.6
MCPP	7.596	7.512	7.712	75.810	70.500	7.5
Pentachlorophenol	8.650	8.570	8.770	813.670	712.500	14.2
PICLORAM	11.113	11.039	11.239	641.340	712.500	-10.0

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL03 Date Analyzed: 11/25/2024

Lab Sample No.: HSTDCCC750 Data File : PS028614.D Time Analyzed: 10:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.295	10.216	10.416	712.820	712.500	0.0
2,4,5-TP(Silvex)	9.876	9.796	9.996	738.720	712.500	3.7
2,4-D	8.971	8.890	9.090	693.470	705.000	-1.6
2,4-DB	10.862	10.784	10.984	640.620	712.500	-10.1
2,4-DCAA	7.726	7.642	7.842	712.370	750.000	-5.0
3,5-DICHLOROBENZOIC ACID	6.683	6.595	6.795	679.230	697.500	-2.6
4-Nitrophenol	7.254	7.168	7.368	673.810	682.500	-1.3
Dalapon	2.694	2.599	2.799	638.130	682.500	-6.5
DCPA	12.284	12.208	12.408	759.250	720.000	5.5
DICAMBA	7.926	7.842	8.042	721.200	705.000	2.3
DICHLORPROP	8.642	8.559	8.759	687.480	705.000	-2.5
Dinoseb	11.241	11.163	11.363	693.240	705.000	-1.7
MCPA	8.274	8.191	8.391	62.820	69.750	-9.9
MCPP	8.029	7.945	8.145	64.370	70.500	-8.7
Pentachlorophenol	9.499	9.419	9.619	759.150	712.500	6.5
PICLORAM	12.335	12.260	12.460	612.260	712.500	-14.1

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/25/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 11:51 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.41	7.43	7.33	7.53	0.02
MCP	7.60	7.61	7.51	7.71	0.01
2,4-DCAA	7.23	7.24	7.14	7.34	0.01
Dalapon	2.64	2.64	2.54	2.74	0.01
MCPA	7.75	7.76	7.66	7.86	0.01
DICHLORPROP	8.12	8.14	8.04	8.24	0.02
2,4-D	8.35	8.37	8.27	8.47	0.02
2,4,5-TP(Silvex)	9.23	9.25	9.15	9.35	0.02
2,4,5-T	9.52	9.54	9.44	9.64	0.02
2,4-DB	10.10	10.12	10.02	10.22	0.02
Dinoseb	11.31	11.33	11.23	11.43	0.02
Pentachlorophenol	8.65	8.67	8.57	8.77	0.02
4-Nitrophenol	7.03	7.04	6.94	7.14	0.01
PICLORAM	11.11	11.14	11.04	11.24	0.03
DCPA	11.60	11.63	11.53	11.73	0.03
3,5-DICHLOROBENZ	6.40	6.41	6.31	6.51	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Continuing Calib Date: 11/25/2024 Initial Calibration Date(s): 11/13/2024 11/13/2024

Continuing Calib Time: 11:51 Initial Calibration Time(s): 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.93	7.94	7.84	8.04	0.01
MCPD	8.03	8.05	7.95	8.15	0.02
2,4-DCAA	7.73	7.74	7.64	7.84	0.01
Dalapon	2.70	2.70	2.60	2.80	0.01
MCPA	8.27	8.29	8.19	8.39	0.02
DICHLORPROP	8.64	8.66	8.56	8.76	0.02
2,4-D	8.97	8.99	8.89	9.09	0.02
2,4,5-TP(Silvex)	9.88	9.90	9.80	10.00	0.02
2,4,5-T	10.30	10.32	10.22	10.42	0.02
2,4-DB	10.86	10.88	10.78	10.98	0.02
Dinoseb	11.24	11.26	11.16	11.36	0.02
Pentachlorophenol	9.50	9.52	9.42	9.62	0.02
4-Nitrophenol	7.25	7.27	7.17	7.37	0.02
PICLORAM	12.34	12.36	12.26	12.46	0.02
DCPA	12.29	12.31	12.21	12.41	0.03
3,5-DICHLOROBENZ	6.68	6.70	6.60	6.80	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL04 Date Analyzed: 11/25/2024

Lab Sample No.: HSTDCCC750 Data File : PS028618.D Time Analyzed: 11:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.520	9.443	9.643	772.000	712.500	8.4
2,4,5-TP(Silvex)	9.228	9.150	9.350	772.960	712.500	8.5
2,4-D	8.351	8.270	8.470	748.480	705.000	6.2
2,4-DB	10.095	10.019	10.219	739.400	712.500	3.8
2,4-DCAA	7.226	7.141	7.341	760.440	750.000	1.4
3,5-DICHLOROBENZOIC ACID	6.400	6.311	6.511	747.220	697.500	7.1
4-Nitrophenol	7.025	6.939	7.139	731.460	682.500	7.2
Dalapon	2.635	2.539	2.739	716.670	682.500	5.0
DCPA	11.598	11.526	11.726	773.240	720.000	7.4
DICAMBA	7.414	7.329	7.529	772.410	705.000	9.6
DICHLORPROP	8.121	8.039	8.239	752.250	705.000	6.7
Dinoseb	11.305	11.233	11.433	746.680	705.000	5.9
MCPA	7.747	7.663	7.863	72.770	69.750	4.3
MCPP	7.597	7.512	7.712	76.060	70.500	7.9
Pentachlorophenol	8.650	8.570	8.770	813.880	712.500	14.2
PICLORAM	11.113	11.039	11.239	708.400	712.500	-0.6

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL04 Date Analyzed: 11/25/2024

Lab Sample No.: HSTDCCC750 Data File : PS028618.D Time Analyzed: 11:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.296	10.216	10.416	730.860	712.500	2.6
2,4,5-TP(Silvex)	9.877	9.796	9.996	749.410	712.500	5.2
2,4-D	8.972	8.890	9.090	704.430	705.000	-0.1
2,4-DB	10.863	10.784	10.984	664.870	712.500	-6.7
2,4-DCAA	7.727	7.642	7.842	727.560	750.000	-3.0
3,5-DICHLOROBENZOIC ACID	6.684	6.595	6.795	690.120	697.500	-1.1
4-Nitrophenol	7.254	7.168	7.368	694.190	682.500	1.7
Dalapon	2.695	2.599	2.799	670.080	682.500	-1.8
DCPA	12.285	12.208	12.408	773.750	720.000	7.5
DICAMBA	7.926	7.842	8.042	732.130	705.000	3.8
DICHLORPROP	8.642	8.559	8.759	693.330	705.000	-1.7
Dinoseb	11.242	11.163	11.363	697.790	705.000	-1.0
MCPA	8.274	8.191	8.391	62.280	69.750	-10.7
MCPP	8.030	7.945	8.145	63.310	70.500	-10.2
Pentachlorophenol	9.500	9.419	9.619	772.470	712.500	8.4
PICLORAM	12.335	12.260	12.460	694.580	712.500	-2.5

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P4495

Project: NJ Soil PT

Instrument ID: ECD_S

GC Column: RTX-CLP

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/13/2024

11/13/2024

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 #
IBLK	IBLK	11/13/2024	11:20	PS028487.D	7.24	0.00
HSTDICC200	HSTDICC200	11/13/2024	11:44	PS028488.D	7.24	0.00
HSTDICC500	HSTDICC500	11/13/2024	12:09	PS028489.D	7.24	0.00
HSTDICC750	HSTDICC750	11/13/2024	12:34	PS028490.D	7.24	0.00
HSTDICC1000	HSTDICC1000	11/13/2024	12:58	PS028491.D	7.24	0.00
HSTDICC1500	HSTDICC1500	11/13/2024	13:23	PS028492.D	7.24	0.00
IBLK	IBLK	11/14/2024	11:38	PS028533.D	7.24	0.00
HSTDCCC750	HSTDCCC750	11/14/2024	12:02	PS028534.D	7.24	0.00
PB164971BL	PB164971BL	11/14/2024	16:35	PS028535.D	7.24	0.00
PB164971BS	PB164971BS	11/14/2024	17:00	PS028536.D	7.24	0.00
BP-F-2MS	P4821-05MS	11/14/2024	18:14	PS028539.D	7.24	0.00
BP-F-2MSD	P4821-05MSD	11/14/2024	18:38	PS028540.D	7.24	0.00
IBLK	IBLK	11/14/2024	20:16	PS028544.D	7.24	0.00
HSTDCCC750	HSTDCCC750	11/14/2024	20:40	PS028545.D	7.24	0.00
IBLK	IBLK	11/25/2024	09:50	PS028613.D	7.23	0.00
HSTDCCC750	HSTDCCC750	11/25/2024	10:14	PS028614.D	7.23	0.00
PT-HERB-SOIL	P4495-17	11/25/2024	10:39	PS028615.D	7.22	0.00
PT-HERB-SOILRE	P4495-17RE	11/25/2024	11:03	PS028616.D	7.22	0.00
IBLK	IBLK	11/25/2024	11:27	PS028617.D	7.23	0.00
HSTDCCC750	HSTDCCC750	11/25/2024	11:51	PS028618.D	7.23	0.00

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P4495

Project: NJ Soil PT

Instrument ID: ECD_S

GC Column: RTX-CLP2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/13/2024

11/13/2024

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 #
IBLK	IBLK	11/13/2024	11:20	PS028487.D	7.74	0.00
HSTDICC200	HSTDICC200	11/13/2024	11:44	PS028488.D	7.74	0.00
HSTDICC500	HSTDICC500	11/13/2024	12:09	PS028489.D	7.74	0.00
HSTDICC750	HSTDICC750	11/13/2024	12:34	PS028490.D	7.74	0.00
HSTDICC1000	HSTDICC1000	11/13/2024	12:58	PS028491.D	7.74	0.00
HSTDICC1500	HSTDICC1500	11/13/2024	13:23	PS028492.D	7.74	0.00
IBLK	IBLK	11/14/2024	11:38	PS028533.D	7.74	0.00
HSTDCCC750	HSTDCCC750	11/14/2024	12:02	PS028534.D	7.74	0.00
PB164971BL	PB164971BL	11/14/2024	16:35	PS028535.D	7.74	0.00
PB164971BS	PB164971BS	11/14/2024	17:00	PS028536.D	7.74	0.00
BP-F-2MS	P4821-05MS	11/14/2024	18:14	PS028539.D	7.74	0.00
BP-F-2MSD	P4821-05MSD	11/14/2024	18:38	PS028540.D	7.74	0.00
IBLK	IBLK	11/14/2024	20:16	PS028544.D	7.74	0.00
HSTDCCC750	HSTDCCC750	11/14/2024	20:40	PS028545.D	7.74	0.00
IBLK	IBLK	11/25/2024	09:50	PS028613.D	7.73	0.00
HSTDCCC750	HSTDCCC750	11/25/2024	10:14	PS028614.D	7.73	0.00
PT-HERB-SOIL	P4495-17	11/25/2024	10:39	PS028615.D	7.73	0.00
PT-HERB-SOILRE	P4495-17RE	11/25/2024	11:03	PS028616.D	7.73	0.00
IBLK	IBLK	11/25/2024	11:27	PS028617.D	7.73	0.00
HSTDCCC750	HSTDCCC750	11/25/2024	11:51	PS028618.D	7.73	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-2MS

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4821-05MS

Date(s) Analyzed: 11/14/2024

11/14/2024

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		
2,4,5-T	1	9.54	9.49	9.59	131	0.8
	2	10.31	10.26	10.36	130	
2,4,5-TP(Silvex)	1	9.25	9.20	9.30	129	0.8
	2	9.89	9.84	9.94	130	
2,4-D	1	8.37	8.32	8.42	157	1.9
	2	8.99	8.94	9.04	154	
2,4-DB	1	10.12	10.07	10.17	115	2.6
	2	10.88	10.83	10.93	118	
4-Nitrophenol	1	7.04	6.99	7.09	126	3.9
	2	7.27	7.22	7.32	131	
3,5-DICHLOROBENZOIC ACID	1	6.41	6.36	6.46	141	8.1
	2	6.69	6.64	6.74	130	
Dalapon	1	2.63	2.58	2.68	75.0	35.2
	2	2.70	2.65	2.75	107	
MCPA	1	7.76	7.71	7.81	12.7	1.6
	2	8.28	8.23	8.33	12.9	
DICHLORPROP	1	8.14	8.09	8.19	136	5.3
	2	8.66	8.61	8.71	129	
Pentachlorophenol	1	8.67	8.62	8.72	116	5.3
	2	9.52	9.47	9.57	110	
PICLORAM	1	11.14	11.09	11.19	113	7.3
	2	12.36	12.31	12.41	105	
DICAMBA	1	7.43	7.38	7.48	142	2.1
	2	7.94	7.89	7.99	139	
MCPP	1	7.61	7.56	7.66	11.9	0.8
	2	8.04	7.99	8.09	12.0	
DCPA	1	11.62	11.57	11.67	118	21.9
	2	12.31	12.26	12.36	147	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-2MSD

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4821-05MSD

Date(s) Analyzed: 11/14/2024

11/14/2024

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		
Dalapon	1	2.63	2.58	2.68	76.8	27.2
	2	2.70	2.65	2.75	101	
MCPA	1	7.76	7.71	7.81	12.9	1.5
	2	8.28	8.23	8.33	13.1	
DICHLORPROP	1	8.14	8.09	8.19	137	4.5
	2	8.66	8.61	8.71	131	
2,4-D	1	8.37	8.32	8.42	159	1.9
	2	8.99	8.94	9.04	156	
2,4,5-TP(Silvex)	1	9.25	9.20	9.30	131	0
	2	9.89	9.84	9.94	131	
2,4,5-T	1	9.54	9.49	9.59	134	2.3
	2	10.31	10.26	10.36	131	
2,4-DB	1	10.12	10.07	10.17	118	1.7
	2	10.88	10.83	10.93	120	
Pentachlorophenol	1	8.67	8.62	8.72	118	6.1
	2	9.52	9.47	9.57	111	
4-Nitrophenol	1	7.04	6.99	7.09	128	3.8
	2	7.27	7.22	7.32	133	
PICLORAM	1	11.14	11.09	11.19	116	8.1
	2	12.36	12.31	12.41	107	
3,5-DICHLOROBENZOIC ACID	1	6.41	6.36	6.46	143	8.8
	2	6.69	6.64	6.74	131	
DICAMBA	1	7.43	7.38	7.48	143	2.1
	2	7.94	7.89	7.99	140	
MCPP	1	7.61	7.56	7.66	11.9	2.5
	2	8.04	7.99	8.09	12.2	
DCPA	1	11.62	11.57	11.67	120	20.9
	2	12.31	12.26	12.36	148	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164971BS

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: PB164971BS

Date(s) Analyzed: 11/14/2024

11/14/2024

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		
2,4,5-TP(Silvex)	1	9.25	9.20	9.30	173	1.2
	2	9.89	9.84	9.94	171	
2,4,5-T	1	9.54	9.49	9.59	172	1.8
	2	10.31	10.26	10.36	169	
Dalapon	1	2.63	2.58	2.68	151	2
	2	2.70	2.65	2.75	148	
MCPA	1	7.76	7.71	7.81	15.9	1.9
	2	8.29	8.24	8.34	15.6	
DICHLORPROP	1	8.14	8.09	8.19	170	1.2
	2	8.66	8.61	8.71	168	
2,4-D	1	8.37	8.32	8.42	169	0
	2	8.99	8.94	9.04	169	
2,4-DB	1	10.12	10.07	10.17	166	0.6
	2	10.88	10.83	10.93	165	
Dinoseb	1	11.33	11.28	11.38	163	3.1
	2	11.26	11.21	11.31	158	
Pentachlorophenol	1	8.67	8.62	8.72	182	3.4
	2	9.52	9.47	9.57	176	
4-Nitrophenol	1	7.04	6.99	7.09	159	0.6
	2	7.27	7.22	7.32	160	
PICLORAM	1	11.14	11.09	11.19	141	5.1
	2	12.36	12.31	12.41	134	
3,5-DICHLOROBENZOIC ACID	1	6.41	6.36	6.46	169	1.8
	2	6.69	6.64	6.74	166	
DICAMBA	1	7.43	7.38	7.48	169	1.2
	2	7.94	7.89	7.99	167	
MCPD	1	7.61	7.56	7.66	16.2	4.4
	2	8.04	7.99	8.09	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164971BS

Contract: CHEM02

Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: PB164971BS Date(s) Analyzed: 11/14/2024 11/14/2024

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		
DCPA	1	11.62	11.57	11.67	174	1.7
	2	12.30	12.25	12.35	171	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-HERB-SOIL

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4495-17

Date(s) Analyzed: 11/25/2024 11/25/2024

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		
DICHLORPROP	1	8.12	8.07	8.17	203	3.5
	2	8.64	8.59	8.69	196	
2,4-D	1	8.35	8.30	8.40	223	7.4
	2	8.97	8.92	9.02	207	
2,4,5-TP(Silvex)	1	9.23	9.18	9.28	140	3.5
	2	9.88	9.83	9.93	145	
2,4,5-T	1	9.52	9.47	9.57	150	2.6
	2	10.30	10.25	10.35	154	
2,4-DB	1	10.14	10.09	10.19	27.0	157.3
	2	10.86	10.81	10.91	226	
Dinoseb	1	11.31	11.26	11.36	89.5	42.2
	2	11.24	11.19	11.29	58.3	
Pentachlorophenol	1	8.65	8.60	8.70	78.7	20
	2	9.50	9.45	9.55	64.4	
DICAMBA	1	7.41	7.36	7.46	158	2.6
	2	7.93	7.88	7.98	154	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-HERB-SOILRE

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4495-17RE

Date(s) Analyzed: 11/25/2024 11/25/2024

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		
DICHLORPROP	1	8.12	8.07	8.17	203	0.5
	2	8.64	8.59	8.69	202	
2,4-D	1	8.35	8.30	8.40	224	6.5
	2	8.97	8.92	9.02	210	
2,4,5-TP(Silvex)	1	9.23	9.18	9.28	140	2.1
	2	9.88	9.83	9.93	143	
2,4,5-T	1	9.52	9.47	9.57	145	9.8
	2	10.30	10.25	10.35	160	
2,4-DB	1	10.14	10.09	10.19	38.6	141.6
	2	10.86	10.81	10.91	226	
Dinoseb	1	11.31	11.26	11.36	83.6	39.5
	2	11.24	11.19	11.29	56.0	
Pentachlorophenol	1	8.65	8.60	8.70	74.3	11.5
	2	9.50	9.45	9.55	66.2	
DICAMBA	1	7.41	7.36	7.46	159	1.3
	2	7.93	7.88	7.98	157	