

LAB CHRONICLE

OrderID:	Q1956	OrderDate:	5/2/2025 3:14:35 PM
Client:	CDM Smith	Project:	Bergen Point Fueling System
Contact:	Marcie Ann Encinas	Location:	L31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1956-01	SB1-3-4	SOIL			05/01/25			05/02/25
			Gasoline Range Organics	8015D			05/06/25	
			Herbicide	8151A		05/07/25	05/08/25	
			PCB	8082A		05/06/25	05/06/25	
			Pesticide-TCL	8081B		05/06/25	05/06/25	
Q1956-02	SB2-4-5	SOIL			05/02/25			05/02/25
			Gasoline Range Organics	8015D			05/06/25	
			Herbicide	8151A		05/07/25	05/08/25	
			PCB	8082A		05/06/25	05/06/25	
			Pesticide-TCL	8081B		05/06/25	05/06/25	
Q1956-06	SB91-3-4	SOIL			05/01/25			05/02/25
			Gasoline Range Organics	8015D			05/06/25	
			Herbicide	8151A		05/07/25	05/08/25	
			PCB	8082A		05/06/25	05/06/25	
			Pesticide-TCL	8081B		05/06/25	05/06/25	
Q1956-07	FB-05022025	Water			05/02/25			05/02/25
			Diesel Range Organics	8015D		05/08/25	05/08/25	
			Gasoline Range Organics	8015D			05/06/25	
			Herbicide	8151A		05/08/25	05/08/25	
			PCB	8082A		05/07/25	05/07/25	
			Pesticide-TCL	8081B		05/08/25	05/08/25	



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

Hit Summary Sheet
SW-846

SDG No.:

Q1956

Order ID:

Q1956

Client:

CDM Smith

Project ID:

Bergen Point Fueling System

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



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	89
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030082.D	1	05/07/25 08:25	05/08/25 13:09	PB167891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	75.2	U	8.70	75.2	ug/Kg
120-36-5	DICHLORPROP	75.2	U	14.4	75.2	ug/Kg
94-75-7	2,4-D	75.2	U	10.1	75.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	75.2	U	10.2	75.2	ug/Kg
93-76-5	2,4,5-T	75.2	U	9.80	75.2	ug/Kg
94-82-6	2,4-DB	75.2	U	27.2	75.2	ug/Kg
88-85-7	DINOSEB	75.2	U	12.1	75.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	399		10 - 141	80%	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:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5	SDG No.:	Q1956
Lab Sample ID:	Q1956-02	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030083.D	1	05/07/25 08:25	05/08/25 13:33	PB167891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	71.6	U	8.30	71.6	ug/Kg
120-36-5	DICHLORPROP	71.6	U	13.7	71.6	ug/Kg
94-75-7	2,4-D	71.6	U	9.70	71.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	71.6	U	9.70	71.6	ug/Kg
93-76-5	2,4,5-T	71.6	U	9.30	71.6	ug/Kg
94-82-6	2,4-DB	71.6	U	25.8	71.6	ug/Kg
88-85-7	DINOSEB	71.6	U	11.5	71.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	407		10 - 141	81%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB91-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-06	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	90.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030086.D	1	05/07/25 08:25	05/08/25 14:45	PB167891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	74.1	U	8.60	74.1	ug/Kg
120-36-5	DICHLORPROP	74.1	U	14.2	74.1	ug/Kg
94-75-7	2,4-D	74.1	U	10.0	74.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	74.1	U	10.0	74.1	ug/Kg
93-76-5	2,4,5-T	74.1	U	9.60	74.1	ug/Kg
94-82-6	2,4-DB	74.1	U	26.8	74.1	ug/Kg
88-85-7	DINOSEB	74.1	U	11.9	74.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	450		10 - 141	90%	SPK: 500

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Report of Analysis

Client:	CDM Smith		Date Collected:	05/02/25	
Project:	Bergen Point Fueling System		Date Received:	05/02/25	
Client Sample ID:	FB-05022025		SDG No.:	Q1956	
Lab Sample ID:	Q1956-07		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	920	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	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
PS030091.D	1	05/08/25 08:39	05/08/25 17:39	PB167912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	2.20	U	0.71	2.20	ug/L
120-36-5	DICHLORPROP	2.20	U	0.83	2.20	ug/L
94-75-7	2,4-D	2.20	U	1.00	2.20	ug/L
93-72-1	2,4,5-TP (Silvex)	2.20	U	0.85	2.20	ug/L
93-76-5	2,4,5-T	2.20	U	0.77	2.20	ug/L
94-82-6	2,4-DB	2.20	U	0.71	2.20	ug/L
88-85-7	DINOSEB	2.20	U	0.97	2.20	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	587		39 - 175	117%	SPK: 500

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS029918.D	PIBLK-PS029918.D	2,4-DCAA	1	500	433	87		39	175
		2,4-DCAA	2	500	433	87		39	175
I.BLK-PS030072.D	PIBLK-PS030072.D	2,4-DCAA	1	500	513	103		39	175
		2,4-DCAA	2	500	522	104		39	175
PB167891BL	PB167891BL	2,4-DCAA	1	500	619	124		10	141
		2,4-DCAA	2	500	603	121		10	141
PB167891BS	PB167891BS	2,4-DCAA	1	500	565	113		10	141
		2,4-DCAA	2	500	555	111		10	141
I.BLK-PS030080.D	PIBLK-PS030080.D	2,4-DCAA	1	500	508	102		39	175
		2,4-DCAA	2	500	510	102		39	175
Q1956-01	SB1-3-4	2,4-DCAA	1	500	399	80		10	141
		2,4-DCAA	2	500	390	78		10	141
Q1956-02	SB2-4-5	2,4-DCAA	1	500	407	81		10	141
		2,4-DCAA	2	500	377	75		10	141
Q1956-03MS	SB2-4-5MS	2,4-DCAA	1	500	509	102		10	141
		2,4-DCAA	2	500	503	101		10	141
Q1956-04MSD	SB2-4-5MSD	2,4-DCAA	1	500	478	96		10	141
		2,4-DCAA	2	500	471	94		10	141
Q1956-06	SB91-3-4	2,4-DCAA	1	500	446	89		10	141
		2,4-DCAA	2	500	450	90		10	141
PB167912BL	PB167912BL	2,4-DCAA	1	500	572	114		39	175
		2,4-DCAA	2	500	554	111		39	175
PB167912BS	PB167912BS	2,4-DCAA	1	500	572	114		39	175
		2,4-DCAA	2	500	576	115		39	175
PB167912BSD	PB167912BSD	2,4-DCAA	1	500	580	116		39	175
		2,4-DCAA	2	500	580	116		39	175
Q1956-07	FB-05022025	2,4-DCAA	1	500	587	117		39	175
		2,4-DCAA	2	500	574	115		39	175
I.BLK-PS030092.D	PIBLK-PS030092.D	2,4-DCAA	1	500	511	102		39	175
		2,4-DCAA	2	500	522	104		39	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8151A

DataFile : PS030084.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1956-03MS	SB2-4-5MS									
	DICAMBA	178.1	0	139	ug/Kg	78		10	112	
	DICHLORPROP	178.1	0	992	ug/Kg	557	*	10	113	
	2,4-D	178.1	0	286	ug/Kg	161	*	10	144	
	2,4,5-TP(Silvex)	178.1	0	150	ug/Kg	84		10	114	
	2,4,5-T	178.1	0	146	ug/Kg	82		10	115	
	2,4-DB	178.1	0	214	ug/Kg	120		10	140	
	Dinoseb	178.1	0	41.5	ug/Kg	23		10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8151A

DataFile : PS030085.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1956-04MSD	SB2-4-5MSD											
	DICAMBA	178	0	132	ug/Kg	74		5		10	112	20
	DICHLORPROP	178	0	789	ug/Kg	443	*	23	*	10	113	20
	2,4-D	178	0	263	ug/Kg	148	*	8		10	144	20
	2,4,5-TP(Silvex)	178	0	141	ug/Kg	79		6		10	114	20
	2,4,5-T	178	0	140	ug/Kg	79		4		10	115	20
	2,4-DB	178	0	209	ug/Kg	117		3		10	140	20
	Dinoseb	178	0	40.1	ug/Kg	23		0		10	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8151A Datafile : PS030075.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167891BS	DICAMBA	166.5	179	ug/Kg	108				72	129		
	DICHLORPROP	166.5	181	ug/Kg	109				77	135		
	2,4-D	166.5	176	ug/Kg	106				65	144		
	2,4,5-TP(Silvex)	166.5	183	ug/Kg	110				74	146		
	2,4,5-T	166.5	182	ug/Kg	109				77	134		
	2,4-DB	166.5	173	ug/Kg	104				72	122		
	Dinoseb	166.5	179	ug/Kg	108				74	132		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8151A Datafile : PS030089.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167912BS	DICAMBA	5	5.60	ug/L	112				67	136		
	DICHLORPROP	5	5.50	ug/L	110				88	119		
	2,4-D	5	5.50	ug/L	110				83	130		
	2,4,5-TP(Silvex)	5	5.70	ug/L	114				78	127		
	2,4,5-T	5	5.60	ug/L	112				74	129		
	2,4-DB	5	5.50	ug/L	110				53	149		
	Dinoseb	5	5.50	ug/L	110				72	131		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8151A Datafile : PS030090.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167912BSD	DICAMBA	5	5.60	ug/L	112	0			67	136	20
	DICHLORPROP	5	5.70	ug/L	114	4			88	119	20
	2,4-D	5	5.60	ug/L	112	2			83	130	20
	2,4,5-TP(Silvex)	5	5.80	ug/L	116	2			78	127	20
	2,4,5-T	5	5.70	ug/L	114	2			74	129	20
	2,4-DB	5	5.60	ug/L	112	2			53	149	20
	Dinoseb	5	5.60	ug/L	112	2			72	131	20

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167891BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: PB167891BL

Lab File ID: PS030074.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/07/2025

Date Analyzed (1): 05/08/2025

Date Analyzed (2): 05/08/2025

Time Analyzed (1): 09:56

Time Analyzed (2): 09:56

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
PB167891BS	PB167891BS	PS030075.D	05/08/2025	05/08/2025
SB1-3-4	Q1956-01	PS030082.D	05/08/2025	05/08/2025
SB2-4-5	Q1956-02	PS030083.D	05/08/2025	05/08/2025
SB2-4-5MS	Q1956-03MS	PS030084.D	05/08/2025	05/08/2025
SB2-4-5MSD	Q1956-04MSD	PS030085.D	05/08/2025	05/08/2025
SB91-3-4	Q1956-06	PS030086.D	05/08/2025	05/08/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167912BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: PB167912BL

Lab File ID: PS030088.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/08/2025

Date Analyzed (1): 05/08/2025

Date Analyzed (2): 05/08/2025

Time Analyzed (1): 15:38

Time Analyzed (2): 15:38

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
PB167912BS	PB167912BS	PS030089.D	05/08/2025	05/08/2025
PB167912BSD	PB167912BSD	PS030090.D	05/08/2025	05/08/2025
FB-05022025	Q1956-07	PS030091.D	05/08/2025	05/08/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167891BL	SDG No.:	Q1956
Lab Sample ID:	PB167891BL	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030074.D	1	05/07/25 08:25	05/08/25 09:56	PB167891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	67.0	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	67.0	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	67.0	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	67.0	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	67.0	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	67.0	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	67.0	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	619		10 - 141	124%	SPK: 500

Comments:

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Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	Bergen Point Fueling System		Date Received:		
Client Sample ID:	PB167912BL		SDG No.:	Q1956	
Lab Sample ID:	PB167912BL		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	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
PS030088.D	1	05/08/25 08:39	05/08/25 15:38	PB167912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	2.00	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	2.00	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	2.00	U	0.71	2.00	ug/L
94-82-6	2,4-DB	2.00	U	0.65	2.00	ug/L
88-85-7	DINOSEB	2.00	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	572		39 - 175	114%	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:	CDM Smith	Date Collected:	04/23/25
Project:	Bergen Point Fueling System	Date Received:	04/23/25
Client Sample ID:	PIBLK-PS029918.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PS029918.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
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029918.D	1		04/23/25	PS042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	2.00	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	2.00	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	2.00	U	0.71	2.00	ug/L
94-82-6	2,4-DB	2.00	U	0.65	2.00	ug/L
88-85-7	DINOSEB	2.00	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	433		39 - 175	87%	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:	CDM Smith	Date Collected:	05/08/25
Project:	Bergen Point Fueling System	Date Received:	05/08/25
Client Sample ID:	PIBLK-PS030072.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PS030072.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
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030072.D	1		05/08/25	ps050825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	2.00	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	2.00	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	2.00	U	0.71	2.00	ug/L
94-82-6	2,4-DB	2.00	U	0.65	2.00	ug/L
88-85-7	DINOSEB	2.00	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	522		39 - 175	104%	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:	CDM Smith	Date Collected:	05/08/25
Project:	Bergen Point Fueling System	Date Received:	05/08/25
Client Sample ID:	PIBLK-PS030080.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PS030080.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030080.D	1		05/08/25	ps050825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	2.00	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	2.00	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	2.00	U	0.71	2.00	ug/L
94-82-6	2,4-DB	2.00	U	0.65	2.00	ug/L
88-85-7	DINOSEB	2.00	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	510		39 - 175	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:	CDM Smith	Date Collected:	05/08/25
Project:	Bergen Point Fueling System	Date Received:	05/08/25
Client Sample ID:	PIBLK-PS030092.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PS030092.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030092.D	1		05/08/25	PS050825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	2.00	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	2.00	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	2.00	U	0.71	2.00	ug/L
94-82-6	2,4-DB	2.00	U	0.65	2.00	ug/L
88-85-7	DINOSEB	2.00	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	522		39 - 175	104%	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:	CDM Smith		Date Collected:		
Project:	Bergen Point Fueling System		Date Received:		
Client Sample ID:	PB167891BS		SDG No.:	Q1956	
Lab Sample ID:	PB167891BS		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	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030075.D	1	05/07/25 08:25	05/08/25 10:20	PB167891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	179		7.70	66.9	ug/Kg
120-36-5	DICHLORPROP	181		12.8	66.9	ug/Kg
94-75-7	2,4-D	176		9.00	66.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	183		9.10	66.9	ug/Kg
93-76-5	2,4,5-T	182		8.70	66.9	ug/Kg
94-82-6	2,4-DB	173		24.2	66.9	ug/Kg
88-85-7	DINOSEB	179		10.8	66.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	565		10 - 141	113%	SPK: 500

Comments:

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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:	CDM Smith		Date Collected:		
Project:	Bergen Point Fueling System		Date Received:		
Client Sample ID:	PB167912BS		SDG No.:	Q1956	
Lab Sample ID:	PB167912BS		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	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
PS030089.D	1	05/08/25 08:39	05/08/25 16:51	PB167912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	5.60		0.65	2.00	ug/L
120-36-5	DICHLORPROP	5.50		0.76	2.00	ug/L
94-75-7	2,4-D	5.50		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.70		0.78	2.00	ug/L
93-76-5	2,4,5-T	5.60		0.71	2.00	ug/L
94-82-6	2,4-DB	5.50		0.65	2.00	ug/L
88-85-7	DINOSEB	5.50		0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	576		39 - 175	115%	SPK: 500

Comments:

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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:	CDM Smith		Date Collected:		
Project:	Bergen Point Fueling System		Date Received:		
Client Sample ID:	PB167912BSD		SDG No.:	Q1956	
Lab Sample ID:	PB167912BSD		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	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
PS030090.D	1	05/08/25 08:39	05/08/25 17:15	PB167912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	5.60		0.65	2.00	ug/L
120-36-5	DICHLORPROP	5.70		0.76	2.00	ug/L
94-75-7	2,4-D	5.60		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.80		0.78	2.00	ug/L
93-76-5	2,4,5-T	5.70		0.71	2.00	ug/L
94-82-6	2,4-DB	5.60		0.65	2.00	ug/L
88-85-7	DINOSEB	5.60		0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	580		39 - 175	116%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MS	SDG No.:	Q1956
Lab Sample ID:	Q1956-03MS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.5
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030084.D	1	05/07/25 08:25	05/08/25 13:57	PB167891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	139		8.30	71.6	ug/Kg
120-36-5	DICHLORPROP	992	EP	13.7	71.6	ug/Kg
94-75-7	2,4-D	286	P	9.70	71.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	150		9.70	71.6	ug/Kg
93-76-5	2,4,5-T	146		9.30	71.6	ug/Kg
94-82-6	2,4-DB	214	P	25.9	71.6	ug/Kg
88-85-7	DINOSEB	41.5	JP	11.5	71.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	509		10 - 141	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:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MSD	SDG No.:	Q1956
Lab Sample ID:	Q1956-04MSD	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030085.D	1	05/07/25 08:25	05/08/25 14:21	PB167891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	132		8.30	71.5	ug/Kg
120-36-5	DICHLORPROP	789	EP	13.7	71.5	ug/Kg
94-75-7	2,4-D	263	P	9.70	71.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	141		9.70	71.5	ug/Kg
93-76-5	2,4,5-T	140		9.30	71.5	ug/Kg
94-82-6	2,4-DB	209	P	25.8	71.5	ug/Kg
88-85-7	DINOSEB	40.1	JP	11.5	71.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	478		10 - 141	96%	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]

A
B
C
D
E
F
G
H

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q1956 **SAS No.:** Q1956 **SDG NO.:** Q1956

Instrument ID: ECD_S **Calibration Date(s):** 04/23/2025 04/23/2025
Calibration Times: 11:01 12:37

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

LAB FILE ID: CF 200 = <u>PS029919.D</u>CF 500 = <u>PS029920.D</u> CF 750 = <u>PS029921.D</u>CF 1000 = <u>PS029922.D</u>CF 1500 = <u>PS029923.D</u>							
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	16505300000	14051400000	13586300000	13082600000	13039900000	14053100000	10
2,4,5-TP(Silvex)	16213200000	13862200000	13431300000	12910500000	12897000000	13862800000	10
2,4-D	3379530000	2797950000	2695740000	2590800000	2600340000	2812870000	12
2,4-DB	2544360000	2254920000	2220820000	2167640000	2239040000	2285360000	7
2,4-DCAA	3038250000	2463560000	2343090000	2233670000	2226830000	2461080000	14
DICAMBA	11438400000	9878540000	9619200000	9265370000	9312840000	9902870000	9
DICHLORPROP	3106740000	2525040000	2414030000	2305320000	2319400000	2534110000	13
Dinoseb	12057500000	10136700000	9900160000	9369950000	9402820000	10173400000	11

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q1956 **SAS No.:** Q1956 **SDG NO.:** Q1956

Instrument ID: ECD_S **Calibration Date(s):** 04/23/2025 04/23/2025
Calibration Times: 11:01 12:37

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

LAB FILE ID:		CF 200 = <u>PS029919.D</u>		CF 500 = <u>PS029920.D</u>			
CF 750 = <u>PS029921.D</u>		CF 1000 = <u>PS029922.D</u>		CF 1500 = <u>PS029923.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	8525110000	7667180000	7627750000	7425390000	7567570000	7762600000	6
2,4,5-TP(Silvex)	8841790000	8081200000	8077540000	7871670000	8036560000	8181750000	5
2,4-D	1299090000	1113240000	1091000000	1054800000	1077400000	1127110000	9
2,4-DB	882651000	763494000	795790000	776318000	805960000	804842000	6
2,4-DCAA	807639000	692361000	682858000	661991000	677736000	704517000	8
DICAMBA	4120140000	3813580000	3900860000	3853240000	4062500000	3950060000	3
DICHLORPROP	1163430000	987784000	972110000	937504000	958998000	1003960000	9
Dinoseb	6538160000	5743240000	5708570000	5526360000	5638570000	5830980000	7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/08/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 09:28 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.13	7.12	7.02	7.22	-0.01
2,4-DCAA	6.95	6.94	6.84	7.04	-0.01
DICHLORPROP	7.81	7.80	7.70	7.90	-0.01
2,4-D	8.03	8.02	7.92	8.12	-0.01
2,4,5-TP(Silvex)	8.87	8.86	8.76	8.96	-0.01
2,4,5-T	9.15	9.14	9.04	9.24	-0.01
2,4-DB	9.71	9.70	9.60	9.80	-0.01
Dinoseb	10.87	10.87	10.77	10.97	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/08/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 09:28 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.65	7.65	7.55	7.75	0.01
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.93	9.95	9.85	10.05	0.02
2,4-DB	10.49	10.51	10.41	10.61	0.02
Dinoseb	10.87	10.88	10.78	10.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL01 Date Analyzed: 05/08/2025

Lab Sample No.: HSTDCCC750 Data File : PS030073.D Time Analyzed: 09:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.154	9.044	9.244	696.620	712.500	-2.2
2,4,5-TP(Silvex)	8.872	8.762	8.962	700.370	712.500	-1.7
2,4-D	8.030	7.919	8.119	680.540	705.000	-3.5
2,4-DB	9.713	9.603	9.803	673.260	712.500	-5.5
2,4-DCAA	6.954	6.842	7.042	710.520	750.000	-5.3
DICAMBA	7.130	7.018	7.218	684.650	705.000	-2.9
DICHLORPROP	7.811	7.699	7.899	674.330	705.000	-4.4
Dinoseb	10.874	10.766	10.966	683.770	705.000	-3.0

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL01 Date Analyzed: 05/08/2025

Lab Sample No.: HSTDCCC750 Data File : PS030073.D Time Analyzed: 09:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.934	9.847	10.047	695.970	712.500	-2.3
2,4,5-TP(Silvex)	9.530	9.442	9.642	713.980	712.500	0.2
2,4-D	8.651	8.561	8.761	674.960	705.000	-4.3
2,4-DB	10.493	10.407	10.607	678.850	712.500	-4.7
2,4-DCAA	7.459	7.367	7.567	723.850	750.000	-3.5
DICAMBA	7.645	7.553	7.753	704.770	705.000	0.0
DICHLORPROP	8.338	8.248	8.448	689.710	705.000	-2.2
Dinoseb	10.866	10.781	10.981	680.570	705.000	-3.5

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/08/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 12:45 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.11	7.12	7.02	7.22	0.01
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
DICHLORPROP	7.79	7.80	7.70	7.90	0.01
2,4-D	8.01	8.02	7.92	8.12	0.01
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.01
2,4,5-T	9.14	9.14	9.04	9.24	0.00
2,4-DB	9.69	9.70	9.60	9.80	0.01
Dinoseb	10.86	10.87	10.77	10.97	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/08/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 12:45 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.65	7.65	7.55	7.75	0.00
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.94	9.95	9.85	10.05	0.01
2,4-DB	10.49	10.51	10.41	10.61	0.02
Dinoseb	10.87	10.88	10.78	10.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL02 Date Analyzed: 05/08/2025

Lab Sample No.: HSTDCCC750 Data File : PS030081.D Time Analyzed: 12:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.137	9.044	9.244	746.170	712.500	4.7
2,4,5-TP(Silvex)	8.855	8.762	8.962	739.080	712.500	3.7
2,4-D	8.013	7.919	8.119	718.450	705.000	1.9
2,4-DB	9.694	9.603	9.803	744.710	712.500	4.5
2,4-DCAA	6.937	6.842	7.042	763.730	750.000	1.8
DICAMBA	7.113	7.018	7.218	730.480	705.000	3.6
DICHLORPROP	7.793	7.699	7.899	709.570	705.000	0.6
Dinoseb	10.857	10.766	10.966	679.450	705.000	-3.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL02 Date Analyzed: 05/08/2025

Lab Sample No.: HSTDCCC750 Data File : PS030081.D Time Analyzed: 12:45

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.935	9.847	10.047	763.550	712.500	7.2
2,4,5-TP(Silvex)	9.530	9.442	9.642	779.490	712.500	9.4
2,4-D	8.651	8.561	8.761	733.060	705.000	4.0
2,4-DB	10.493	10.407	10.607	731.240	712.500	2.6
2,4-DCAA	7.460	7.367	7.567	779.400	750.000	3.9
DICAMBA	7.646	7.553	7.753	772.630	705.000	9.6
DICHLORPROP	8.339	8.248	8.448	744.450	705.000	5.6
Dinoseb	10.867	10.781	10.981	739.590	705.000	4.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/08/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 18:52 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.12	7.12	7.02	7.22	0.00
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
DICHLORPROP	7.80	7.80	7.70	7.90	0.00
2,4-D	8.02	8.02	7.92	8.12	0.00
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00
2,4,5-T	9.14	9.14	9.04	9.24	0.00
2,4-DB	9.70	9.70	9.60	9.80	0.00
Dinoseb	10.86	10.87	10.77	10.97	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/08/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 18:52 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.65	7.65	7.55	7.75	0.01
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.93	9.95	9.85	10.05	0.02
2,4-DB	10.49	10.51	10.41	10.61	0.02
Dinoseb	10.87	10.88	10.78	10.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL03 Date Analyzed: 05/08/2025

Lab Sample No.: HSTDCCC750 Data File : PS030093.D Time Analyzed: 18:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.144	9.044	9.244	755.420	712.500	6.0
2,4,5-TP(Silvex)	8.862	8.762	8.962	754.240	712.500	5.9
2,4-D	8.020	7.919	8.119	728.010	705.000	3.3
2,4-DB	9.702	9.603	9.803	749.540	712.500	5.2
2,4-DCAA	6.944	6.842	7.042	767.130	750.000	2.3
DICAMBA	7.120	7.018	7.218	737.180	705.000	4.6
DICHLORPROP	7.801	7.699	7.899	720.830	705.000	2.2
Dinoseb	10.864	10.766	10.966	730.240	705.000	3.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL03 Date Analyzed: 05/08/2025

Lab Sample No.: HSTDCCC750 Data File : PS030093.D Time Analyzed: 18:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.934	9.847	10.047	769.150	712.500	8.0
2,4,5-TP(Silvex)	9.530	9.442	9.642	785.490	712.500	10.2
2,4-D	8.651	8.561	8.761	745.890	705.000	5.8
2,4-DB	10.492	10.407	10.607	715.160	712.500	0.4
2,4-DCAA	7.459	7.367	7.567	782.710	750.000	4.4
DICAMBA	7.645	7.553	7.753	776.270	705.000	10.1
DICHLORPROP	8.338	8.248	8.448	750.880	705.000	6.5
Dinoseb	10.866	10.781	10.981	744.820	705.000	5.6

Analytical Sequence

Client: CDM Smith	SDG No.: Q1956
Project: Bergen Point Fueling System	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 04/23/2025 04/23/2025

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	04/23/2025	10:37	PS029918.D	6.94	0.00
HSTDICC200	HSTDICC200	04/23/2025	11:01	PS029919.D	6.94	0.00
HSTDICC500	HSTDICC500	04/23/2025	11:25	PS029920.D	6.94	0.00
HSTDICC750	HSTDICC750	04/23/2025	11:49	PS029921.D	6.94	0.00
HSTDICC1000	HSTDICC1000	04/23/2025	12:13	PS029922.D	6.94	0.00
HSTDICC1500	HSTDICC1500	04/23/2025	12:37	PS029923.D	6.94	0.00
IBLK	IBLK	05/08/2025	08:38	PS030072.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/08/2025	09:28	PS030073.D	6.95	0.00
PB167891BL	PB167891BL	05/08/2025	09:56	PS030074.D	6.94	0.00
PB167891BS	PB167891BS	05/08/2025	10:20	PS030075.D	6.94	0.00
IBLK	IBLK	05/08/2025	12:21	PS030080.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/08/2025	12:45	PS030081.D	6.94	0.00
SB1-3-4	Q1956-01	05/08/2025	13:09	PS030082.D	6.94	0.00
SB2-4-5	Q1956-02	05/08/2025	13:33	PS030083.D	6.94	0.00
SB2-4-5MS	Q1956-03MS	05/08/2025	13:57	PS030084.D	6.94	0.00
SB2-4-5MSD	Q1956-04MSD	05/08/2025	14:21	PS030085.D	6.94	0.00
SB91-3-4	Q1956-06	05/08/2025	14:45	PS030086.D	6.94	0.00
PB167912BL	PB167912BL	05/08/2025	15:38	PS030088.D	6.94	0.00
PB167912BS	PB167912BS	05/08/2025	16:51	PS030089.D	6.94	0.00
PB167912BSD	PB167912BSD	05/08/2025	17:15	PS030090.D	6.94	0.00
FB-05022025	Q1956-07	05/08/2025	17:39	PS030091.D	6.94	0.00
IBLK	IBLK	05/08/2025	18:03	PS030092.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/08/2025	18:52	PS030093.D	6.94	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q1956
Project: Bergen Point Fueling System	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 04/23/2025 04/23/2025

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	04/23/2025	10:37	PS029918.D	7.47	0.00
HSTDICC200	HSTDICC200	04/23/2025	11:01	PS029919.D	7.47	0.00
HSTDICC500	HSTDICC500	04/23/2025	11:25	PS029920.D	7.47	0.00
HSTDICC750	HSTDICC750	04/23/2025	11:49	PS029921.D	7.47	0.00
HSTDICC1000	HSTDICC1000	04/23/2025	12:13	PS029922.D	7.47	0.00
HSTDICC1500	HSTDICC1500	04/23/2025	12:37	PS029923.D	7.47	0.00
IBLK	IBLK	05/08/2025	08:38	PS030072.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/08/2025	09:28	PS030073.D	7.46	0.00
PB167891BL	PB167891BL	05/08/2025	09:56	PS030074.D	7.46	0.00
PB167891BS	PB167891BS	05/08/2025	10:20	PS030075.D	7.46	0.00
IBLK	IBLK	05/08/2025	12:21	PS030080.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/08/2025	12:45	PS030081.D	7.46	0.00
SB1-3-4	Q1956-01	05/08/2025	13:09	PS030082.D	7.46	0.00
SB2-4-5	Q1956-02	05/08/2025	13:33	PS030083.D	7.46	0.00
SB2-4-5MS	Q1956-03MS	05/08/2025	13:57	PS030084.D	7.46	0.00
SB2-4-5MSD	Q1956-04MSD	05/08/2025	14:21	PS030085.D	7.46	0.00
SB91-3-4	Q1956-06	05/08/2025	14:45	PS030086.D	7.46	0.00
PB167912BL	PB167912BL	05/08/2025	15:38	PS030088.D	7.46	0.00
PB167912BS	PB167912BS	05/08/2025	16:51	PS030089.D	7.46	0.00
PB167912BSD	PB167912BSD	05/08/2025	17:15	PS030090.D	7.46	0.00
FB-05022025	Q1956-07	05/08/2025	17:39	PS030091.D	7.46	0.00
IBLK	IBLK	05/08/2025	18:03	PS030092.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/08/2025	18:52	PS030093.D	7.46	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167891BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q1956

SAS No.: Q1956

SDG NO.: Q1956

Lab Sample ID: PB167891BS

Date(s) Analyzed: 05/08/2025

05/08/2025

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		
2,4,5-T	1	9.14	9.09	9.19	182	1.7
	2	9.94	9.89	9.99	179	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	182	0.5
	2	9.53	9.48	9.58	183	
2,4-D	1	8.01	7.96	8.06	175	0.6
	2	8.65	8.60	8.70	176	
2,4-DB	1	9.70	9.65	9.75	173	0
	2	10.49	10.44	10.54	173	
DICHLORPROP	1	7.79	7.74	7.84	175	3.4
	2	8.34	8.29	8.39	181	
Dinoseb	1	10.86	10.81	10.91	179	2.8
	2	10.87	10.82	10.92	174	
DICAMBA	1	7.11	7.06	7.16	178	0.6
	2	7.65	7.60	7.70	179	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167912BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: PB167912BS

Date(s) Analyzed: 05/08/2025 05/08/2025

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		
DICHLORPROP	1	7.79	7.74	7.84	5.30	3.7
	2	8.34	8.29	8.39	5.50	
2,4-D	1	8.01	7.96	8.06	5.50	0
	2	8.65	8.60	8.70	5.50	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	5.60	1.8
	2	9.53	9.48	9.58	5.70	
2,4,5-T	1	9.14	9.09	9.19	5.60	0
	2	9.93	9.88	9.98	5.60	
2,4-DB	1	9.70	9.65	9.75	5.50	5.6
	2	10.49	10.44	10.54	5.20	
Dinoseb	1	10.86	10.81	10.91	5.50	1.8
	2	10.87	10.82	10.92	5.40	
DICAMBA	1	7.11	7.06	7.16	5.40	3.6
	2	7.65	7.60	7.70	5.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167912BSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: PB167912BSD

Date(s) Analyzed: 05/08/2025 05/08/2025

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		
DICHLORPROP	1	7.79	7.74	7.84	5.40	5.4
	2	8.34	8.29	8.39	5.70	
2,4-D	1	8.01	7.96	8.06	5.50	1.8
	2	8.65	8.60	8.70	5.60	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	5.70	1.7
	2	9.53	9.48	9.58	5.80	
2,4,5-T	1	9.14	9.09	9.19	5.70	0
	2	9.94	9.89	9.99	5.70	
2,4-DB	1	9.70	9.65	9.75	5.60	1.8
	2	10.49	10.44	10.54	5.50	
Dinoseb	1	10.86	10.81	10.91	5.50	1.8
	2	10.87	10.82	10.92	5.60	
DICAMBA	1	7.11	7.06	7.16	5.50	1.8
	2	7.65	7.60	7.70	5.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB2-4-5MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: Q1956-03MS

Date(s) Analyzed: 05/08/2025 05/08/2025

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		
DICHLORPROP	1	7.81	7.76	7.86	992	140.9
	2	8.34	8.29	8.39	172	
2,4-D	1	8.01	7.96	8.06	286	50.9
	2	8.65	8.60	8.70	170	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	129	15.1
	2	9.53	9.48	9.58	150	
2,4,5-T	1	9.14	9.09	9.19	138	5.6
	2	9.93	9.88	9.98	146	
2,4-DB	1	9.70	9.65	9.75	163	27.1
	2	10.49	10.44	10.54	214	
Dinoseb	1	10.86	10.81	10.91	29.6	33.5
	2	10.86	10.81	10.91	41.5	
DICAMBA	1	7.11	7.06	7.16	129	7.5
	2	7.65	7.60	7.70	139	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB2-4-5MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: Q1956-04MSD

Date(s) Analyzed: 05/08/2025 05/08/2025

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		
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	122	14.4
	2	9.53	9.48	9.58	141	
2,4,5-T	1	9.14	9.09	9.19	130	7.4
	2	9.93	9.88	9.98	140	
DICHLORPROP	1	7.81	7.76	7.86	789	131.5
	2	8.34	8.29	8.39	163	
2,4-D	1	8.01	7.96	8.06	263	42.4
	2	8.65	8.60	8.70	171	
2,4-DB	1	9.70	9.65	9.75	149	33.5
	2	10.49	10.44	10.54	209	
Dinoseb	1	10.86	10.81	10.91	26.9	39.4
	2	10.86	10.81	10.91	40.1	
DICAMBA	1	7.11	7.06	7.16	123	7.1
	2	7.65	7.60	7.70	132	