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LAB CHRONICLE

OrderID:	Q2514	**OrderDate:**	7/3/2025 1:29:00 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	O21,O22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2514-01	**TP-92**	**SOIL**			**07/02/25**			**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	
			Herbicide	8151A		07/08/25	07/10/25	
			PCB	8082A		07/07/25	07/08/25	
			Pesticide-TCL	8081B		07/07/25	07/07/25	
Q2514-02	**TP-93**	**SOIL**			**07/02/25**			**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	
			Herbicide	8151A		07/08/25	07/10/25	
			PCB	8082A		07/07/25	07/08/25	
			Pesticide-TCL	8081B		07/07/25	07/07/25	
Q2514-03	**TP-94**	**SOIL**			**07/02/25**			**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	
			Herbicide	8151A		07/08/25	07/10/25	
			PCB	8082A		07/07/25	07/08/25	
			Pesticide-TCL	8081B		07/07/25	07/07/25	
Q2514-04	**TP-96**	**SOIL**			**07/02/25**			**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	
			Herbicide	8151A		07/08/25	07/10/25	
			PCB	8082A		07/07/25	07/08/25	
			Pesticide-TCL	8081B		07/07/25	07/07/25	
Q2514-05	**TP-97**	**SOIL**			**07/02/25**			**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	

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			Herbicide	8151A		07/08/25	07/10/25
			PCB	8082A		07/07/25	07/08/25
			Pesticide-TCL	8081B		07/07/25	07/07/25
Q2514-06	**TP-103**	**SOIL**			**07/02/25**		**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25
			Gasoline Range Organics	8015D			07/09/25
			Herbicide	8151A		07/08/25	07/10/25
			PCB	8082A		07/07/25	07/08/25
			Pesticide-TCL	8081B		07/07/25	07/07/25
Q2514-07	**TP-36**	**SOIL**			**07/03/25**		**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25
			Gasoline Range Organics	8015D			07/09/25
			Herbicide	8151A		07/08/25	07/10/25
			PCB	8082A		07/07/25	07/08/25
			Pesticide-TCL	8081B		07/07/25	07/07/25
Q2514-08	**TP-78**	**SOIL**			**07/03/25**		**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25
			Gasoline Range Organics	8015D			07/09/25
			Herbicide	8151A		07/08/25	07/10/25
			PCB	8082A		07/07/25	07/08/25
			Pesticide-TCL	8081B		07/07/25	07/07/25
Q2514-09	**TP-81**	**SOIL**			**07/03/25**		**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25
			Gasoline Range Organics	8015D			07/09/25
			Herbicide	8151A		07/08/25	07/10/25
			PCB	8082A		07/07/25	07/08/25
			Pesticide-TCL	8081B		07/07/25	07/07/25
Q2514-10	**TP-90**	**SOIL**			**07/03/25**		**07/03/25**
			Diesel Range Organics	8015D		07/08/25	07/08/25
			Gasoline Range Organics	8015D			07/09/25
			Herbicide	8151A		07/08/25	07/10/25
			PCB	8082A		07/07/25	07/08/25
			Pesticide-TCL	8081B		07/07/25	07/07/25
Q2514-10RE	**TP-90RE**	**SOIL**			**07/03/25**		**07/03/25**

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LAB CHRONICLE

Herbicide	8151A	07/08/25	07/11/25

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Hit Summary Sheet
SW-846

SDG No.: Q2514 **Order ID:** Q2514

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-92	SDG No.:	Q2514
Lab Sample ID:	Q2514-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	87.4 Decanted:
Sample Wt/Vol:	30.05 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
PS030992.D	1	07/08/25 13:30	07/10/25 18:11	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	76.5	ug/Kg
120-36-5	DICHLORPROP	14.6	U	14.6	76.5	ug/Kg
94-75-7	2,4-D	10.3	U	10.3	76.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.3	U	10.3	76.5	ug/Kg
93-76-5	2,4,5-T	9.90	U	9.90	76.5	ug/Kg
94-82-6	2,4-DB	27.6	U	27.6	76.5	ug/Kg
88-85-7	DINOSEB	12.3	U	12.3	76.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	276		10 - 141	55%	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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-93	SDG No.:	Q2514
Lab Sample ID:	Q2514-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	87.7 Decanted:
Sample Wt/Vol:	30.02 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
PS030993.D	1	07/08/25 13:30	07/10/25 18:35	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.80	U	8.80	76.3	ug/Kg
120-36-5	DICHLORPROP	14.6	U	14.6	76.3	ug/Kg
94-75-7	2,4-D	10.3	U	10.3	76.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.3	U	10.3	76.3	ug/Kg
93-76-5	2,4,5-T	9.90	U	9.90	76.3	ug/Kg
94-82-6	2,4-DB	27.6	U	27.6	76.3	ug/Kg
88-85-7	DINOSEB	12.3	U	12.3	76.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	206		10 - 141	41%	SPK: 500

Comments:

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* = 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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-94	SDG No.:	Q2514
Lab Sample ID:	Q2514-03	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	88.1 Decanted:
Sample Wt/Vol:	30.05 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
PS030994.D	1	07/08/25 13:30	07/10/25 19:00	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.80	U	8.80	75.9	ug/Kg
120-36-5	DICHLORPROP	14.5	U	14.5	75.9	ug/Kg
94-75-7	2,4-D	10.2	U	10.2	75.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.3	U	10.3	75.9	ug/Kg
93-76-5	2,4,5-T	9.90	U	9.90	75.9	ug/Kg
94-82-6	2,4-DB	27.4	U	27.4	75.9	ug/Kg
88-85-7	DINOSEB	12.2	U	12.2	75.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	259		10 - 141	52%	SPK: 500

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
* = 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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-96	SDG No.:	Q2514
Lab Sample ID:	Q2514-04	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	85.8 Decanted:
Sample Wt/Vol:	30.01 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
PS030995.D	1	07/08/25 13:30	07/10/25 19:24	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	78.1	ug/Kg
120-36-5	DICHLORPROP	14.9	U	14.9	78.1	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	78.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.6	U	10.6	78.1	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	78.1	ug/Kg
94-82-6	2,4-DB	28.2	U	28.2	78.1	ug/Kg
88-85-7	DINOSEB	12.6	U	12.6	78.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	275		10 - 141	55%	SPK: 500

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-97	SDG No.:	Q2514
Lab Sample ID:	Q2514-05	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	85 Decanted:
Sample Wt/Vol:	30.04 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
PS030996.D	1	07/08/25 13:30	07/10/25 19:48	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.10	U	9.10	78.7	ug/Kg
120-36-5	DICHLORPROP	15.0	U	15.0	78.7	ug/Kg
94-75-7	2,4-D	10.6	U	10.6	78.7	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.6	U	10.6	78.7	ug/Kg
93-76-5	2,4,5-T	10.2	U	10.2	78.7	ug/Kg
94-82-6	2,4-DB	28.4	U	28.4	78.7	ug/Kg
88-85-7	DINOSEB	12.7	U	12.7	78.7	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	251		10 - 141	50%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-103	SDG No.:	Q2514
Lab Sample ID:	Q2514-06	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.5 Decanted:
Sample Wt/Vol:	30.09 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
PS030997.D	1	07/08/25 13:30	07/10/25 20:12	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	77.2	ug/Kg
120-36-5	DICHLORPROP	14.8	U	14.8	77.2	ug/Kg
94-75-7	2,4-D	10.4	U	10.4	77.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	77.2	ug/Kg
93-76-5	2,4,5-T	10.0	U	10.0	77.2	ug/Kg
94-82-6	2,4-DB	27.9	U	27.9	77.2	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	77.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	340		10 - 141	68%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-36	SDG No.:	Q2514
Lab Sample ID:	Q2514-07	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.3 Decanted:
Sample Wt/Vol:	30.07 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
PS030998.D	1	07/08/25 13:30	07/10/25 20:36	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.60	U	8.60	74.0	ug/Kg
120-36-5	DICHLORPROP	14.1	U	14.1	74.0	ug/Kg
94-75-7	2,4-D	10.0	U	10.0	74.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	74.0	ug/Kg
93-76-5	2,4,5-T	9.60	U	9.60	74.0	ug/Kg
94-82-6	2,4-DB	26.7	U	26.7	74.0	ug/Kg
88-85-7	DINOSEB	11.9	U	11.9	74.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	280		10 - 141	56%	SPK: 500

Comments:

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B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-78	SDG No.:	Q2514
Lab Sample ID:	Q2514-08	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.3 Decanted:
Sample Wt/Vol:	30.02 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
PS030999.D	1	07/08/25 13:30	07/10/25 21:00	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	77.6	ug/Kg
120-36-5	DICHLORPROP	14.8	U	14.8	77.6	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	77.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.5	U	10.5	77.6	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	77.6	ug/Kg
94-82-6	2,4-DB	28.0	U	28.0	77.6	ug/Kg
88-85-7	DINOSEB	12.5	U	12.5	77.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	302		10 - 141	60%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-81	SDG No.:	Q2514
Lab Sample ID:	Q2514-09	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.3 Decanted:
Sample Wt/Vol:	30.06 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
PS031000.D	1	07/08/25 13:30	07/10/25 21:25	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	77.5	ug/Kg
120-36-5	DICHLORPROP	14.8	U	14.8	77.5	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	77.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.5	U	10.5	77.5	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	77.5	ug/Kg
94-82-6	2,4-DB	28.0	U	28.0	77.5	ug/Kg
88-85-7	DINOSEB	12.5	U	12.5	77.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	161		10 - 141	32%	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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-90	SDG No.:	Q2514
Lab Sample ID:	Q2514-10	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	91.6 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
PS031001.D	1	07/08/25 13:30	07/10/25 21:49	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.50	U	8.50	73.1	ug/Kg
120-36-5	DICHLORPROP	14.0	U	14.0	73.1	ug/Kg
94-75-7	2,4-D	9.90	U	9.90	73.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.90	U	9.90	73.1	ug/Kg
93-76-5	2,4,5-T	9.50	U	9.50	73.1	ug/Kg
94-82-6	2,4-DB	26.4	U	26.4	73.1	ug/Kg
88-85-7	DINOSEB	11.8	U	11.8	73.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	67.1		10 - 141	13%	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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-90RE	SDG No.:	Q2514
Lab Sample ID:	Q2514-10RE	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	91.6 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
PS031015.D	1	07/08/25 13:30	07/11/25 20:25	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.50	U	8.50	73.1	ug/Kg
120-36-5	DICHLORPROP	14.0	U	14.0	73.1	ug/Kg
94-75-7	2,4-D	9.90	U	9.90	73.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.90	U	9.90	73.1	ug/Kg
93-76-5	2,4,5-T	9.50	U	9.50	73.1	ug/Kg
94-82-6	2,4-DB	26.4	U	26.4	73.1	ug/Kg
88-85-7	DINOSEB	11.8	U	11.8	73.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	81.2		10 - 141	16%	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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2514

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS030738.D	PIBLK-PS030738.D	2,4-DCAA	1	500	414	83		61	136
		2,4-DCAA	2	500	487	97		61	136
I.BLK-PS030958.D	PIBLK-PS030958.D	2,4-DCAA	1	500	456	91		61	136
		2,4-DCAA	2	500	462	92		61	136
Q2493-01MS	WC-11MS	2,4-DCAA	1	500	487	97		10	141
		2,4-DCAA	2	500	428	86		10	141
Q2493-01MSD	WC-11MSD	2,4-DCAA	1	500	489	98		10	141
		2,4-DCAA	2	500	426	85		10	141
PB168753BL	PB168753BL	2,4-DCAA	1	500	414	83		10	141
		2,4-DCAA	2	500	441	88		10	141
PB168753BS	PB168753BS	2,4-DCAA	1	500	539	108		10	141
		2,4-DCAA	2	500	505	101		10	141
I.BLK-PS030966.D	PIBLK-PS030966.D	2,4-DCAA	1	500	449	90		61	136
		2,4-DCAA	2	500	467	93		61	136
I.BLK-PS030989.D	PIBLK-PS030989.D	2,4-DCAA	1	500	476	95		61	136
		2,4-DCAA	2	500	476	95		61	136
Q2514-01	TP-92	2,4-DCAA	1	500	276	55		10	141
		2,4-DCAA	2	500	270	54		10	141
Q2514-02	TP-93	2,4-DCAA	1	500	206	41		10	141
		2,4-DCAA	2	500	197	39		10	141
Q2514-03	TP-94	2,4-DCAA	1	500	259	52		10	141
		2,4-DCAA	2	500	251	50		10	141
Q2514-04	TP-96	2,4-DCAA	1	500	275	55		10	141
		2,4-DCAA	2	500	273	55		10	141
Q2514-05	TP-97	2,4-DCAA	1	500	245	49		10	141
		2,4-DCAA	2	500	251	50		10	141
Q2514-06	TP-103	2,4-DCAA	1	500	340	68		10	141
		2,4-DCAA	2	500	337	67		10	141
Q2514-07	TP-36	2,4-DCAA	1	500	278	56		10	141
		2,4-DCAA	2	500	280	56		10	141
Q2514-08	TP-78	2,4-DCAA	1	500	293	59		10	141
		2,4-DCAA	2	500	302	60		10	141
Q2514-09	TP-81	2,4-DCAA	1	500	87.9	18		10	141
		2,4-DCAA	2	500	161	32		10	141
Q2514-10	TP-90	2,4-DCAA	1	500	40.9	8	*	10	141
		2,4-DCAA	2	500	67.1	13		10	141
I.BLK-PS031002.D	PIBLK-PS031002.D	2,4-DCAA	1	500	478	96		61	136
		2,4-DCAA	2	500	483	97		61	136
I.BLK-PS031005.D	PIBLK-PS031005.D	2,4-DCAA	1	500	356	71		61	136
		2,4-DCAA	2	500	496	99		61	136
I.BLK-PS031012.D	PIBLK-PS031012.D	2,4-DCAA	1	500	375	75		61	136

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Surrogate Summary

SDG No.: Q2514

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031012.D	PIBLK-PS031012.D	2,4-DCAA	2	500	493	99		61	136
Q2514-10RE	TP-90RE	2,4-DCAA	1	500	35.9	7	*	10	141
		2,4-DCAA	2	500	81.2	16		10	141
I.BLK-PS031018.D	PIBLK-PS031018.D	2,4-DCAA	1	500	399	80		61	136
		2,4-DCAA	2	500	489	98		61	136

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2514 **Analytical Method:** 8151A

Client: CDM Smith **DataFile :** PS030961.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2493-01MS Client Sample ID: WC-11MS (Column 1)											
DICAMBA	187.5	0	137	ug/Kg	73				10	112	
DICHLORPROP	187.5	0	144	ug/Kg	77				10	113	
2,4-D	187.5	0	545	ug/Kg	291	*			10	144	
2,4,5-TP(Silvex)	187.5	0	143	ug/Kg	76				10	114	
2,4,5-T	187.5	0	155	ug/Kg	83				10	115	
2,4-DB	187.5	0	134	ug/Kg	71				10	140	
Dinoseb	187.5	0	0	ug/Kg	0	*			10	118	
Lab Sample ID: Q2493-01MS Client Sample ID: WC-11MS (Column 2)											
DICAMBA	187.5	0	133	ug/Kg	71				10	112	
DICHLORPROP	187.5	0	142	ug/Kg	76				10	113	
2,4-D	187.5	0	124	ug/Kg	66	*			10	144	
2,4,5-TP(Silvex)	187.5	0	142	ug/Kg	76				10	114	
2,4,5-T	187.5	0	140	ug/Kg	75				10	115	
2,4-DB	187.5	0	117	ug/Kg	62				10	140	
Dinoseb	187.5	0	0	ug/Kg	0	*			10	118	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2514 **Analytical Method:** 8151A

Client: CDM Smith **DataFile :** PS030962.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: **Q2493-01MSD** **Client Sample ID:** **WC-11MSD** **(Column 1)**											
DICAMBA	187.4	0	138	ug/Kg	74		1		10	112	20
DICHLORPROP	187.4	0	133	ug/Kg	71		8		10	113	20
2,4-D	187.4	0	562	ug/Kg	300	*	3		10	144	20
2,4,5-TP(Silvex)	187.4	0	144	ug/Kg	77		1		10	114	20
2,4,5-T	187.4	0	159	ug/Kg	85		2		10	115	20
2,4-DB	187.4	0	126	ug/Kg	67		6		10	140	20
Dinoseb	187.4	0	0	ug/Kg	0	*	0		10	118	20
Lab Sample ID: **Q2493-01MSD** **Client Sample ID:** **WC-11MSD** **(Column 2)**											
DICAMBA	187.4	0	133	ug/Kg	71		0		10	112	20
DICHLORPROP	187.4	0	143	ug/Kg	76		0		10	113	20
2,4-D	187.4	0	128	ug/Kg	68	*	3		10	144	20
2,4,5-TP(Silvex)	187.4	0	143	ug/Kg	76		0		10	114	20
2,4,5-T	187.4	0	142	ug/Kg	76		1		10	115	20
2,4-DB	187.4	0	119	ug/Kg	64		3		10	140	20
Dinoseb	187.4	0	0	ug/Kg	0	*	0		10	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2514 **Analytical Method:** 8151A

Client: CDM Smith **Datafile :** PS030964.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168753BS (Column 1)	DICAMBA	166.6	172	ug/Kg	103				72	129	
	DICHLORPROP	166.6	163	ug/Kg	98				77	135	
	2,4-D	166.6	170	ug/Kg	102				65	144	
	2,4,5-TP(Silvex)	166.6	176	ug/Kg	106				74	146	
	2,4,5-T	166.6	185	ug/Kg	111				77	134	
	2,4-DB	166.6	193	ug/Kg	116				72	122	
	Dinoseb	166.6	168	ug/Kg	101				74	132	
PB168753BS (Column 2)	DICAMBA	166.6	162	ug/Kg	97				72	129	
	DICHLORPROP	166.6	159	ug/Kg	95				77	135	
	2,4-D	166.6	153	ug/Kg	92				65	144	
	2,4,5-TP(Silvex)	166.6	167	ug/Kg	100				74	146	
	2,4,5-T	166.6	168	ug/Kg	101				77	134	
	2,4-DB	166.6	161	ug/Kg	97				72	122	
	Dinoseb	166.6	153	ug/Kg	92				74	132	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168753BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q2514

Lab Sample ID: PB168753BL | Lab File ID: PS030963.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/08/2025

Date Analyzed (1): 07/09/2025 | Date Analyzed (2): 07/09/2025

Time Analyzed (1): 13:12 | Time Analyzed (2): 13:12

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
WC-11MS	Q2493-01MS	PS030961.D	07/09/2025	07/09/2025
WC-11MSD	Q2493-01MSD	PS030962.D	07/09/2025	07/09/2025
PB168753BS	PB168753BS	PS030964.D	07/09/2025	07/09/2025
TP-92	Q2514-01	PS030992.D	07/10/2025	07/10/2025
TP-93	Q2514-02	PS030993.D	07/10/2025	07/10/2025
TP-94	Q2514-03	PS030994.D	07/10/2025	07/10/2025
TP-96	Q2514-04	PS030995.D	07/10/2025	07/10/2025
TP-97	Q2514-05	PS030996.D	07/10/2025	07/10/2025
TP-103	Q2514-06	PS030997.D	07/10/2025	07/10/2025
TP-36	Q2514-07	PS030998.D	07/10/2025	07/10/2025
TP-78	Q2514-08	PS030999.D	07/10/2025	07/10/2025
TP-81	Q2514-09	PS031000.D	07/10/2025	07/10/2025
TP-90	Q2514-10	PS031001.D	07/10/2025	07/10/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168753BL	SDG No.:	Q2514
Lab Sample ID:	PB168753BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 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
PS030963.D	1	07/08/25 13:30	07/09/25 13:12	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	441		10 - 141	88%	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

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Report of Analysis

Client:	CDM Smith	Date Collected:	06/18/25
Project:	South River WM Replacement	Date Received:	06/18/25
Client Sample ID:	PIBLK-PS030738.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS030738.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS030738.D	1		06/18/25	PS061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	487		61 - 136	97%	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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	PIBLK-PS030958.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS030958.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS030958.D	1		07/09/25	PS070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	462		61 - 136	92%	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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	PIBLK-PS030966.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS030966.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS030966.D	1		07/09/25	ps070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	467		61 - 136	93%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	07/10/25
Project:	South River WM Replacement	Date Received:	07/10/25
Client Sample ID:	PIBLK-PS030989.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS030989.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS030989.D	1		07/10/25	ps071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	476		61 - 136	95%	SPK: 500

Comments:

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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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/10/25
Project:	South River WM Replacement	Date Received:	07/10/25
Client Sample ID:	PIBLK-PS031002.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS031002.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS031002.D	1		07/10/25	ps071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	483		61 - 136	97%	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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/11/25
Project:	South River WM Replacement	Date Received:	07/11/25
Client Sample ID:	PIBLK-PS031005.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS031005.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS031005.D	1		07/11/25	PS071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	496		61 - 136	99%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/11/25
Project:	South River WM Replacement	Date Received:	07/11/25
Client Sample ID:	PIBLK-PS031012.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS031012.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS031012.D	1		07/11/25	PS071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	493		61 - 136	99%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/11/25
Project:	South River WM Replacement	Date Received:	07/11/25
Client Sample ID:	PIBLK-PS031018.D	SDG No.:	Q2514
Lab Sample ID:	I.BLK-PS031018.D	Matrix:	WATER
Analytical Method:	8151A	% 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
PS031018.D	1		07/11/25	PS071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	489		61 - 136	98%	SPK: 500

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168753BS	SDG No.:	Q2514
Lab Sample ID:	PB168753BS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 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
PS030964.D	1	07/08/25 13:30	07/09/25 13:36	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	172		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	163		12.8	67.0	ug/Kg
94-75-7	2,4-D	170		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	176		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	185		8.70	67.0	ug/Kg
94-82-6	2,4-DB	193		24.2	67.0	ug/Kg
88-85-7	DINOSEB	168		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	539		10 - 141	108%	SPK: 500

Comments:

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MDL = Method Detection Limit
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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
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/02/25
Client Sample ID:	WC-11MS	SDG No.:	Q2514
Lab Sample ID:	Q2493-01MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	88.7 Decanted:
Sample Wt/Vol:	30.06 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
PS030961.D	1	07/08/25 13:30	07/09/25 12:24	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	137		8.70	75.4	ug/Kg
120-36-5	DICHLORPROP	144		14.4	75.4	ug/Kg
94-75-7	2,4-D	545	P	10.2	75.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	143		10.2	75.4	ug/Kg
93-76-5	2,4,5-T	155		9.80	75.4	ug/Kg
94-82-6	2,4-DB	134		27.2	75.4	ug/Kg
88-85-7	DINOSEB	12.2	U	12.2	75.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	487		10 - 141	97%	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
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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

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/02/25
Client Sample ID:	WC-11MSD	SDG No.:	Q2514
Lab Sample ID:	Q2493-01MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	88.7 Decanted:
Sample Wt/Vol:	30.08 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
PS030962.D	1	07/08/25 13:30	07/09/25 12:48	PB168753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	138		8.70	75.3	ug/Kg
120-36-5	DICHLORPROP	143		14.4	75.3	ug/Kg
94-75-7	2,4-D	562	P	10.2	75.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	144		10.2	75.3	ug/Kg
93-76-5	2,4,5-T	159		9.80	75.3	ug/Kg
94-82-6	2,4-DB	126		27.2	75.3	ug/Kg
88-85-7	DINOSEB	12.1	U	12.1	75.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	489		10 - 141	98%	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
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() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG NO.: Q2514
Instrument ID: ECD_S
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

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

LAB FILE ID: RT 200 = PS030739.D RT 500 = PS030740.D
RT 750 = PS030741.D RT 1000 = PS030742.D RT 1500 = PS030743.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.67	9.67	9.67	9.67	9.67	9.67	9.57	9.77
2,4,5-TP(Silvex)	9.38	9.38	9.38	9.38	9.38	9.38	9.28	9.48
2,4-D	8.49	8.49	8.49	8.49	8.49	8.49	8.39	8.59
2,4-DB	10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
2,4-DCAA	7.35	7.35	7.35	7.35	7.35	7.35	7.25	7.45
DICAMBA	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
DICHLORPROP	8.25	8.25	8.25	8.25	8.25	8.25	8.15	8.35
Dinoseb	11.47	11.47	11.47	11.47	11.47	11.47	11.37	11.57

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: CAMP02
SDG NO.: Q2514
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

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

LAB FILE ID: RT 200 = PS030739.D RT 500 = PS030740.D
RT 750 = PS030741.D RT 1000 = PS030742.D RT 1500 = PS030743.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.36	10.36	10.36	10.36	10.36	10.36	10.26	10.46
2,4,5-TP(Silvex)	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
2,4-D	9.03	9.03	9.03	9.03	9.03	9.03	8.93	9.13
2,4-DB	10.93	10.93	10.93	10.93	10.93	10.93	10.83	11.03
2,4-DCAA	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
DICAMBA	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
DICHLORPROP	8.69	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Dinoseb	11.31	11.31	11.31	11.31	11.31	11.31	11.21	11.41

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2514
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

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

LAB FILE ID: CF 200 = PS030739.D CF 500 = PS030740.D
CF 750 = PS030741.D CF 1000 = PS030742.D CF 1500 = PS030743.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	17256700000	16680000000	16830000000	16187900000	15311000000	16453200000	5
2,4,5-TP(Silvex)	22282500000	20395400000	19977900000	18863900000	18632300000	20030400000	7
2,4-D	3868070000	3398090000	3305570000	3150720000	3499600000	3444410000	8
2,4-DB	2481600000	2363020000	2407410000	2376040000	1839440000	2293500000	11
2,4-DCAA	4451200000	3788090000	3593380000	3449860000	3089450000	3674390000	14
DICAMBA	17792700000	15914300000	15443300000	14605900000	12319200000	15215100000	13
DICHLORPROP	4637630000	3720970000	3496760000	3281660000	3591790000	3745760000	14
Dinoseb	15211800000	14001800000	13914000000	13244000000	12994300000	13873200000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2514
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

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

LAB FILE ID: CF 200 = PS030739.D CF 500 = PS030740.D
CF 750 = PS030741.D CF 1000 = PS030742.D CF 1500 = PS030743.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	15648900000	14018900000	13695900000	12933300000	12026100000	13664600000	10
2,4,5-TP(Silvex)	16493700000	14706300000	14316500000	13463300000	13163600000	14428700000	9
2,4-D	1965540000	1671750000	1622570000	1523690000	1713470000	1699410000	10
2,4-DB	1373320000	1199380000	1163600000	1108750000	1069470000	1182900000	10
2,4-DCAA	1283250000	1084080000	1050700000	993038000	948747000	1071960000	12
DICAMBA	7304970000	6653080000	6566460000	6277600000	5963960000	6553210000	8
DICHLORPROP	1855180000	1562920000	1498450000	1412800000	1533120000	1572500000	11
Dinoseb	12099400000	10862400000	10728600000	10218500000	9997410000	10781200000	8

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG NO.: Q2514
Instrument ID: ECD_S
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

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

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.65	9.65	9.65	9.65	9.65	9.65	9.55	9.75
2,4,5-TP(Silvex)	9.35	9.35	9.35	9.35	9.35	9.35	9.25	9.45
2,4-D	8.47	8.47	8.47	8.47	8.47	8.47	8.37	8.57
2,4-DB	10.23	10.23	10.23	10.22	10.22	10.22	10.12	10.32
2,4-DCAA	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
DICAMBA	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
DICHLORPROP	8.23	8.23	8.24	8.23	8.23	8.23	8.13	8.33
Dinoseb	11.44	11.44	11.44	11.44	11.44	11.44	11.34	11.54

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG NO.: Q2514
Instrument ID: ECD_S
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

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

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.36	10.36	10.36	10.36	10.36	10.36	10.26	10.46
2,4,5-TP(Silvex)	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
2,4-D	9.03	9.03	9.03	9.03	9.03	9.03	8.93	9.13
2,4-DB	10.93	10.93	10.93	10.93	10.93	10.93	10.83	11.03
2,4-DCAA	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
DICAMBA	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
DICHLORPROP	8.69	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Dinoseb	11.31	11.31	11.31	11.31	11.31	11.31	11.21	11.41

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2514
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID: **CF 200 =** PS031006.D **CF 500 =** PS031007.D
CF 750 = PS031008.D **CF 1000 =** PS031009.D **CF 1500 =** PS031010.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	16153700000	14634600000	14827200000	15218900000	15232300000	15213300000	4
2,4,5-TP(Silvex)	20737500000	18270800000	18189000000	18194100000	17662300000	18610700000	7
2,4-D	3556670000	2984170000	2931980000	2976850000	2942510000	3078440000	9
2,4-DB	2297930000	2042050000	2088340000	2166500000	2259130000	2170790000	5
2,4-DCAA	4821770000	3910250000	3755950000	3730170000	3557220000	3955070000	13
DICAMBA	18746100000	15451800000	15023600000	14973000000	14260000000	15690900000	11
DICHLORPROP	4147310000	3328120000	3223340000	3219630000	3107370000	3405150000	12
Dinoseb	14412500000	12754600000	12827100000	13048300000	12877100000	13183900000	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2514
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID: CF 200 = PS031006.D CF 500 = PS031007.D
CF 750 = PS031008.D CF 1000 = PS031009.D CF 1500 = PS031010.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	16269400000	13765000000	13530200000	13537000000	12857400000	13991800000	9
2,4,5-TP(Silvex)	17216300000	14510800000	14174600000	14131100000	13346200000	14675800000	10
2,4-D	2058060000	1665160000	1617550000	1610710000	1545850000	1699460000	12
2,4-DB	1412490000	1151430000	1126050000	1131610000	1094330000	1183180000	11
2,4-DCAA	1258080000	1011280000	984071000	981302000	945431000	1036030000	12
DICAMBA	7306630000	6285710000	6261030000	6359950000	6168790000	6476420000	7
DICHLORPROP	1860680000	1491170000	1445400000	1431140000	1367910000	1519260000	13
Dinoseb	13202400000	11075600000	10918600000	11003800000	10557100000	11351500000	9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 11:36 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.66	9.67	9.57	9.77	0.01
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.45	11.47	11.37	11.57	0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 11:36 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.656	9.568	9.768	725.530	712.500	1.8
2,4,5-TP(Silvex)	9.361	9.275	9.475	678.460	712.500	-4.8
2,4-D	8.474	8.386	8.586	643.260	705.000	-8.8
2,4-DB	10.233	10.147	10.347	758.610	712.500	6.5
2,4-DCAA	7.338	7.249	7.449	683.770	750.000	-8.8
DICAMBA	7.528	7.439	7.639	643.540	705.000	-8.7
DICHLORPROP	8.241	8.153	8.353	643.260	705.000	-8.8
Dinoseb	11.451	11.366	11.566	661.940	705.000	-6.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.357	10.259	10.459	629.350	712.500	-11.7
2,4,5-TP(Silvex)	9.931	9.833	10.033	622.060	712.500	-12.7
2,4-D	9.024	8.927	9.127	614.410	705.000	-12.8
2,4-DB	10.925	10.827	11.027	607.740	712.500	-14.7
2,4-DCAA	7.764	7.670	7.870	694.400	750.000	-7.4
DICAMBA	7.967	7.872	8.072	602.990	705.000	-14.5
DICHLORPROP	8.687	8.591	8.791	588.230	705.000	-16.6
Dinoseb	11.311	11.211	11.411	586.380	705.000	-16.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 14:52 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.45	11.47	11.37	11.57	0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 14:52 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.653	9.568	9.768	709.820	712.500	-0.4
2,4,5-TP(Silvex)	9.359	9.275	9.475	668.070	712.500	-6.2
2,4-D	8.471	8.386	8.586	643.940	705.000	-8.7
2,4-DB	10.231	10.147	10.347	759.090	712.500	6.5
2,4-DCAA	7.337	7.249	7.449	668.070	750.000	-10.9
DICAMBA	7.526	7.439	7.639	648.820	705.000	-8.0
DICHLORPROP	8.240	8.153	8.353	607.260	705.000	-13.9
Dinoseb	11.447	11.366	11.566	644.130	705.000	-8.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.361	10.259	10.459	635.110	712.500	-10.9
2,4,5-TP(Silvex)	9.934	9.833	10.033	629.760	712.500	-11.6
2,4-D	9.028	8.927	9.127	626.500	705.000	-11.1
2,4-DB	10.929	10.827	11.027	617.890	712.500	-13.3
2,4-DCAA	7.769	7.670	7.870	636.310	750.000	-15.2
DICAMBA	7.972	7.872	8.072	613.280	705.000	-13.0
DICHLORPROP	8.692	8.591	8.791	588.860	705.000	-16.5
Dinoseb	11.313	11.211	11.411	588.950	705.000	-16.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 16:59 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.52	7.54	7.44	7.64	0.02
2,4-DCAA	7.33	7.35	7.25	7.45	0.02
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.03
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.44	11.47	11.37	11.57	0.03

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 16:59 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030990.D **Time Analyzed:** 16:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.650	9.568	9.768	782.090	712.500	9.8
2,4,5-TP(Silvex)	9.355	9.275	9.475	720.380	712.500	1.1
2,4-D	8.469	8.386	8.586	702.820	705.000	-0.3
2,4-DB	10.227	10.147	10.347	848.520	712.500	19.1
2,4-DCAA	7.334	7.249	7.449	718.940	750.000	-4.1
DICAMBA	7.524	7.439	7.639	694.160	705.000	-1.5
DICHLORPROP	8.237	8.153	8.353	649.970	705.000	-7.8
Dinoseb	11.443	11.366	11.566	705.470	705.000	0.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030990.D **Time Analyzed:** 16:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.359	10.259	10.459	678.370	712.500	-4.8
2,4,5-TP(Silvex)	9.932	9.833	10.033	671.710	712.500	-5.7
2,4-D	9.027	8.927	9.127	622.580	705.000	-11.7
2,4-DB	10.927	10.827	11.027	653.050	712.500	-8.3
2,4-DCAA	7.768	7.670	7.870	672.370	750.000	-10.4
DICAMBA	7.971	7.872	8.072	654.990	705.000	-7.1
DICHLORPROP	8.691	8.591	8.791	633.040	705.000	-10.2
Dinoseb	11.312	11.211	11.411	643.930	705.000	-8.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 23:00 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.52	7.54	7.44	7.64	0.02
2,4-DCAA	7.33	7.35	7.25	7.45	0.02
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.35	9.38	9.28	9.48	0.03
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.44	11.47	11.37	11.57	0.03

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 23:00 **Initial Calibration Time(s):** 11:25 13:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031003.D **Time Analyzed:** 23:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.649	9.568	9.768	735.600	712.500	3.2
2,4,5-TP(Silvex)	9.354	9.275	9.475	672.800	712.500	-5.6
2,4-D	8.468	8.386	8.586	661.630	705.000	-6.2
2,4-DB	10.226	10.147	10.347	804.280	712.500	12.9
2,4-DCAA	7.333	7.249	7.449	666.030	750.000	-11.2
DICAMBA	7.523	7.439	7.639	645.370	705.000	-8.5
DICHLORPROP	8.236	8.153	8.353	607.100	705.000	-13.9
Dinoseb	11.442	11.366	11.566	659.660	705.000	-6.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031003.D **Time Analyzed:** 23:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.358	10.259	10.459	641.980	712.500	-9.9
2,4,5-TP(Silvex)	9.932	9.833	10.033	635.960	712.500	-10.7
2,4-D	9.026	8.927	9.127	596.880	705.000	-15.3
2,4-DB	10.926	10.827	11.027	615.700	712.500	-13.6
2,4-DCAA	7.768	7.670	7.870	631.260	750.000	-15.8
DICAMBA	7.970	7.872	8.072	615.460	705.000	-12.7
DICHLORPROP	8.690	8.591	8.791	598.930	705.000	-15.0
Dinoseb	11.311	11.211	11.411	604.860	705.000	-14.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 18:49 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.52	7.52	7.42	7.62	0.00
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
DICHLORPROP	8.23	8.24	8.14	8.34	0.01
2,4-D	8.47	8.47	8.37	8.57	0.00
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00
2,4,5-T	9.65	9.65	9.55	9.75	0.00
2,4-DB	10.22	10.23	10.13	10.33	0.01
Dinoseb	11.44	11.44	11.34	11.54	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 18:49 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/11/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031013.D **Time Analyzed:** 18:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.645	9.547	9.747	727.330	712.500	2.1
2,4,5-TP(Silvex)	9.352	9.253	9.453	718.350	712.500	0.8
2,4-D	8.466	8.367	8.567	698.180	705.000	-1.0
2,4-DB	10.224	10.125	10.325	727.010	712.500	2.0
2,4-DCAA	7.332	7.233	7.433	725.270	750.000	-3.3
DICAMBA	7.522	7.422	7.622	680.050	705.000	-3.5
DICHLORPROP	8.234	8.135	8.335	680.950	705.000	-3.4
Dinoseb	11.438	11.339	11.539	714.790	705.000	1.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/11/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031013.D **Time Analyzed:** 18:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.358	10.258	10.458	684.990	712.500	-3.9
2,4,5-TP(Silvex)	9.932	9.832	10.032	684.890	712.500	-3.9
2,4-D	9.027	8.927	9.127	666.470	705.000	-5.5
2,4-DB	10.926	10.826	11.026	676.410	712.500	-5.1
2,4-DCAA	7.769	7.669	7.869	707.860	750.000	-5.6
DICAMBA	7.971	7.871	8.071	679.880	705.000	-3.6
DICHLORPROP	8.690	8.591	8.791	665.300	705.000	-5.6
Dinoseb	11.311	11.210	11.410	673.600	705.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 22:02 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.52	7.52	7.42	7.62	0.00
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
DICHLORPROP	8.23	8.24	8.14	8.34	0.01
2,4-D	8.47	8.47	8.37	8.57	0.00
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00
2,4,5-T	9.65	9.65	9.55	9.75	0.00
2,4-DB	10.22	10.23	10.13	10.33	0.01
Dinoseb	11.44	11.44	11.34	11.54	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 22:02 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/11/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031019.D **Time Analyzed:** 22:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.646	9.547	9.747	798.790	712.500	12.1
2,4,5-TP(Silvex)	9.351	9.253	9.453	750.150	712.500	5.3
2,4-D	8.466	8.367	8.567	747.650	705.000	6.0
2,4-DB	10.222	10.125	10.325	823.210	712.500	15.5
2,4-DCAA	7.332	7.233	7.433	740.320	750.000	-1.3
DICAMBA	7.521	7.422	7.622	693.960	705.000	-1.6
DICHLORPROP	8.233	8.135	8.335	699.300	705.000	-0.8
Dinoseb	11.438	11.339	11.539	758.250	705.000	7.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/11/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031019.D **Time Analyzed:** 22:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.358	10.258	10.458	690.990	712.500	-3.0
2,4,5-TP(Silvex)	9.932	9.832	10.032	689.220	712.500	-3.3
2,4-D	9.026	8.927	9.127	669.050	705.000	-5.1
2,4-DB	10.926	10.826	11.026	677.520	712.500	-4.9
2,4-DCAA	7.769	7.669	7.869	711.250	750.000	-5.2
DICAMBA	7.971	7.871	8.071	684.630	705.000	-2.9
DICHLORPROP	8.690	8.591	8.791	663.820	705.000	-5.8
Dinoseb	11.310	11.210	11.410	673.080	705.000	-4.5

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Analytical Sequence

Client: CDM Smith **SDG No.:** Q2514

Project: South River WM Replacement **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/18/2025 06/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	06/18/2025	11:01	PS030738.D	7.35	0.00
HSTDICC200	HSTDICC200	06/18/2025	11:25	PS030739.D	7.35	0.00
HSTDICC500	HSTDICC500	06/18/2025	11:49	PS030740.D	7.35	0.00
HSTDICC750	HSTDICC750	06/18/2025	12:13	PS030741.D	7.35	0.00
HSTDICC1000	HSTDICC1000	06/18/2025	12:37	PS030742.D	7.35	0.00
HSTDICC1500	HSTDICC1500	06/18/2025	13:29	PS030743.D	7.35	0.00
I.BLK	I.BLK	07/09/2025	09:32	PS030958.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	11:36	PS030959.D	7.34	0.00
WC-11MS	Q2493-01MS	07/09/2025	12:24	PS030961.D	7.34	0.00
WC-11MSD	Q2493-01MSD	07/09/2025	12:48	PS030962.D	7.34	0.00
PB168753BL	PB168753BL	07/09/2025	13:12	PS030963.D	7.34	0.00
PB168753BS	PB168753BS	07/09/2025	13:36	PS030964.D	7.34	0.00
I.BLK	I.BLK	07/09/2025	14:28	PS030966.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	14:52	PS030967.D	7.34	0.00
I.BLK	I.BLK	07/10/2025	16:34	PS030989.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/10/2025	16:59	PS030990.D	7.33	0.00
TP-92	Q2514-01	07/10/2025	18:11	PS030992.D	7.33	0.00
TP-93	Q2514-02	07/10/2025	18:35	PS030993.D	7.33	0.00
TP-94	Q2514-03	07/10/2025	19:00	PS030994.D	7.33	0.00
TP-96	Q2514-04	07/10/2025	19:24	PS030995.D	7.33	0.00
TP-97	Q2514-05	07/10/2025	19:48	PS030996.D	7.33	0.00
TP-103	Q2514-06	07/10/2025	20:12	PS030997.D	7.33	0.00
TP-36	Q2514-07	07/10/2025	20:36	PS030998.D	7.33	0.00
TP-78	Q2514-08	07/10/2025	21:00	PS030999.D	7.33	0.00
TP-81	Q2514-09	07/10/2025	21:25	PS031000.D	7.33	0.00
TP-90	Q2514-10	07/10/2025	21:49	PS031001.D	7.33	0.00
I.BLK	I.BLK	07/10/2025	22:13	PS031002.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/10/2025	23:00	PS031003.D	7.33	0.00
I.BLK	I.BLK	07/11/2025	15:35	PS031005.D	7.33	0.00
HSTDICC200	HSTDICC200	07/11/2025	16:00	PS031006.D	7.33	0.00
HSTDICC500	HSTDICC500	07/11/2025	16:24	PS031007.D	7.33	0.00
HSTDICC750	HSTDICC750	07/11/2025	16:48	PS031008.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/11/2025	17:12	PS031009.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/11/2025	17:36	PS031010.D	7.33	0.00
I.BLK	I.BLK	07/11/2025	18:25	PS031012.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/11/2025	18:49	PS031013.D	7.33	0.00
TP-90RE	Q2514-10RE	07/11/2025	20:25	PS031015.D	7.33	0.00
I.BLK	I.BLK	07/11/2025	21:38	PS031018.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/11/2025	22:02	PS031019.D	7.33	0.00

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Analytical Sequence

Client: CDM Smith **SDG No.:** Q2514

Project: South River WM Replacement **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/18/2025 06/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	06/18/2025	11:01	PS030738.D	7.77	0.00
HSTDICC200	HSTDICC200	06/18/2025	11:25	PS030739.D	7.77	0.00
HSTDICC500	HSTDICC500	06/18/2025	11:49	PS030740.D	7.77	0.00
HSTDICC750	HSTDICC750	06/18/2025	12:13	PS030741.D	7.77	0.00
HSTDICC1000	HSTDICC1000	06/18/2025	12:37	PS030742.D	7.77	0.00
HSTDICC1500	HSTDICC1500	06/18/2025	13:29	PS030743.D	7.77	0.00
I.BLK	I.BLK	07/09/2025	09:32	PS030958.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	11:36	PS030959.D	7.76	0.00
WC-11MS	Q2493-01MS	07/09/2025	12:24	PS030961.D	7.77	0.00
WC-11MSD	Q2493-01MSD	07/09/2025	12:48	PS030962.D	7.77	0.00
PB168753BL	PB168753BL	07/09/2025	13:12	PS030963.D	7.77	0.00
PB168753BS	PB168753BS	07/09/2025	13:36	PS030964.D	7.77	0.00
I.BLK	I.BLK	07/09/2025	14:28	PS030966.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	14:52	PS030967.D	7.77	0.00
I.BLK	I.BLK	07/10/2025	16:34	PS030989.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/10/2025	16:59	PS030990.D	7.77	0.00
TP-92	Q2514-01	07/10/2025	18:11	PS030992.D	7.77	0.00
TP-93	Q2514-02	07/10/2025	18:35	PS030993.D	7.77	0.00
TP-94	Q2514-03	07/10/2025	19:00	PS030994.D	7.77	0.00
TP-96	Q2514-04	07/10/2025	19:24	PS030995.D	7.77	0.00
TP-97	Q2514-05	07/10/2025	19:48	PS030996.D	7.77	0.00
TP-103	Q2514-06	07/10/2025	20:12	PS030997.D	7.77	0.00
TP-36	Q2514-07	07/10/2025	20:36	PS030998.D	7.77	0.00
TP-78	Q2514-08	07/10/2025	21:00	PS030999.D	7.77	0.00
TP-81	Q2514-09	07/10/2025	21:25	PS031000.D	7.77	0.00
TP-90	Q2514-10	07/10/2025	21:49	PS031001.D	7.77	0.00
I.BLK	I.BLK	07/10/2025	22:13	PS031002.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/10/2025	23:00	PS031003.D	7.77	0.00
I.BLK	I.BLK	07/11/2025	15:35	PS031005.D	7.77	0.00
HSTDICC200	HSTDICC200	07/11/2025	16:00	PS031006.D	7.77	0.00
HSTDICC500	HSTDICC500	07/11/2025	16:24	PS031007.D	7.77	0.00
HSTDICC750	HSTDICC750	07/11/2025	16:48	PS031008.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/11/2025	17:12	PS031009.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/11/2025	17:36	PS031010.D	7.77	0.00
I.BLK	I.BLK	07/11/2025	18:25	PS031012.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/11/2025	18:49	PS031013.D	7.77	0.00
TP-90RE	Q2514-10RE	07/11/2025	20:25	PS031015.D	7.78	0.00
I.BLK	I.BLK	07/11/2025	21:38	PS031018.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/11/2025	22:02	PS031019.D	7.77	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168753BS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Lab Sample ID: PB168753BS **Date(s) Analyzed:** 07/09/2025 07/09/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	8.24	8.19	8.29	163	2.5
	2	8.69	8.64	8.74	159	
2,4-D	1	8.47	8.42	8.52	170	10.5
	2	9.03	8.98	9.08	153	
2,4,5-TP(Silvex)	1	9.36	9.31	9.41	176	5.2
	2	9.93	9.88	9.98	167	
2,4,5-T	1	9.65	9.60	9.70	185	9.6
	2	10.36	10.31	10.41	168	
2,4-DB	1	10.23	10.18	10.28	193	18.1
	2	10.93	10.88	10.98	161	
Dinoseb	1	11.45	11.40	11.50	168	9.3
	2	11.31	11.26	11.36	153	
DICAMBA	1	7.53	7.48	7.58	172	6
	2	7.97	7.92	8.02	162	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-11MS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Lab Sample ID: Q2493-01MS **Date(s) Analyzed:** 07/09/2025 07/09/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	8.24	8.19	8.29	144	1.4
	2	8.69	8.64	8.74	142	
2,4-D	1	8.46	8.41	8.51	545	125.9
	2	9.03	8.98	9.08	124	
2,4,5-TP(Silvex)	1	9.36	9.31	9.41	143	0.7
	2	9.93	9.88	9.98	142	
2,4,5-T	1	9.65	9.60	9.70	155	10.2
	2	10.36	10.31	10.41	140	
2,4-DB	1	10.23	10.18	10.28	134	13.5
	2	10.93	10.88	10.98	117	
DICAMBA	1	7.53	7.48	7.58	137	3
	2	7.97	7.92	8.02	133	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-11MSD

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2514

Lab Sample ID: Q2493-01MSD **Date(s) Analyzed:** 07/09/2025 07/09/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICAMBA	1	7.53	7.48	7.58	138	3.7
	2	7.97	7.92	8.02	133	
DICHLORPROP	1	8.24	8.19	8.29	133	7.2
	2	8.69	8.64	8.74	143	
2,4-D	1	8.46	8.41	8.51	562	125.8
	2	9.03	8.98	9.08	128	
2,4,5-TP(Silvex)	1	9.36	9.31	9.41	144	0.7
	2	9.93	9.88	9.98	143	
2,4,5-T	1	9.65	9.60	9.70	159	11.3
	2	10.36	10.31	10.41	142	
2,4-DB	1	10.23	10.18	10.28	126	5.7
	2	10.93	10.88	10.98	119	