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

LAB CHRONICLE

OrderID:	P4722	**OrderDate:**	11/5/2024 3:33:08 PM
Client:	Walsh Construction Company II, LLC	**Project:**	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2
Contact:	Kayla Timony	**Location:**	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4722-03	**WC-1(0-6)**	**SOIL**			**11/05/24**			**11/05/24**
			Gasoline Range Organics	8015D			11/08/24	
			Herbicide	8151A		11/07/24	11/12/24	
			PCB	8082A		11/07/24	11/07/24	
			Pesticide-TCL	8081B		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-03DL	**WC-1(0-6)DL**	**Solid**			**11/05/24**			**11/05/24**
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-05	**WC-1(0-6)**	**WATER**			**11/05/24**			**11/05/24**
			SPLP Pesticide	8081B		11/10/24	11/11/24	
P4722-08	**WC-2(0-6)**	**SOIL**			**11/05/24**			**11/05/24**
			Gasoline Range Organics	8015D			11/07/24	
			Herbicide	8151A		11/07/24	11/08/24	
			PCB	8082A		11/07/24	11/07/24	
			Pesticide-TCL	8081B		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-08DL	**WC-2(0-6)DL**	**Solid**			**11/05/24**			**11/05/24**
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-10	**WC-2(0-6)**	**WATER**			**11/05/24**			**11/05/24**
			SPLP Pesticide	8081B		11/10/24	11/11/24	
P4722-13	**WC-3(0-6)**	**SOIL**			**11/05/24**			**11/05/24**
			Gasoline Range Organics	8015D			11/08/24	
			Herbicide	8151A		11/07/24	11/12/24	
			PCB	8082A		11/07/24	11/07/24	

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LAB CHRONICLE

			Pesticide-TCL	8081B		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-13DL	**WC-3(0-6)DL**	**Solid**			**11/05/24**			**11/05/24**
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-15	**WC-3(0-6)**	**WATER**			**11/05/24**			**11/05/24**
			SPLP Pesticide	8081B		11/10/24	11/11/24	

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Hit Summary Sheet
SW-846

SDG No.: P4722 **Order ID:** P4722

Client: Walsh Construction Company II, LLC **Project ID:** NYCDEP C547A - Shafts 17B-1 & 18B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/05/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/05/24
Client Sample ID:	WC-1(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-03	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.8 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
PS028438.D	1	11/07/24 10:33	11/12/24 05:23	PB164754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	71.4	ug/Kg
120-36-5	DICHLORPROP	10.2	U	10.2	71.4	ug/Kg
94-75-7	2,4-D	12.9	U	12.9	71.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	71.4	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	71.4	ug/Kg
94-82-6	2,4-DB	19.5	U	19.5	71.4	ug/Kg
88-85-7	DINOSEB	13.2	U	13.2	71.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	258		10 - 141	52%	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:	Walsh Construction Company II, LLC	Date Collected:	11/05/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/05/24
Client Sample ID:	WC-2(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-08	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	90.1 Decanted:
Sample Wt/Vol:	30.1 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
PS028370.D	1	11/07/24 10:33	11/08/24 20:58	PB164754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.60	U	9.60	74.1	ug/Kg
120-36-5	DICHLORPROP	10.6	U	10.6	74.1	ug/Kg
94-75-7	2,4-D	13.4	U	13.4	74.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	74.1	ug/Kg
93-76-5	2,4,5-T	11.2	U	11.2	74.1	ug/Kg
94-82-6	2,4-DB	20.2	U	20.2	74.1	ug/Kg
88-85-7	DINOSEB	13.7	U	13.7	74.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	108		10 - 141	22%	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:	Walsh Construction Company II, LLC	Date Collected:	11/05/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/05/24
Client Sample ID:	WC-3(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-13	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	86.6 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
PS028439.D	1	11/07/24 10:33	11/12/24 05:47	PB164754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	10.0	U	10.0	77.2	ug/Kg
120-36-5	DICHLORPROP	11.0	U	11.0	77.2	ug/Kg
94-75-7	2,4-D	13.9	U	13.9	77.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.8	U	10.8	77.2	ug/Kg
93-76-5	2,4,5-T	11.6	U	11.6	77.2	ug/Kg
94-82-6	2,4-DB	21.1	U	21.1	77.2	ug/Kg
88-85-7	DINOSEB	14.3	U	14.3	77.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	323		10 - 141	65%	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.: P4722

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PS028355.D	PIBLK-PS028355.D	2,4-DCAA	1	500	501	100		39	175
		2,4-DCAA	2	500	503	101		39	175
I.BLK-PS028362.D	PIBLK-PS028362.D	2,4-DCAA	1	500	491	98		39	175
		2,4-DCAA	2	500	493	99		39	175
PB164754BL	PB164754BL	2,4-DCAA	1	500	494	99		10	141
		2,4-DCAA	2	500	469	94		10	141
PB164754BS	PB164754BS	2,4-DCAA	1	500	534	107		10	141
		2,4-DCAA	2	500	533	107		10	141
P4722-08	WC-2(0-6)	2,4-DCAA	1	500	108	22		10	141
		2,4-DCAA	2	500	88.5	18		10	141
P4739-01MS	TP-14MS	2,4-DCAA	1	500	237	47		10	141
		2,4-DCAA	2	500	199	40		10	141
P4739-01MSD	TP-14MSD	2,4-DCAA	1	500	232	46		10	141
		2,4-DCAA	2	500	196	39		10	141
I.BLK-PS028378.D	PIBLK-PS028378.D	2,4-DCAA	1	500	494	99		39	175
		2,4-DCAA	2	500	487	97		39	175
I.BLK-PS028429.D	PIBLK-PS028429.D	2,4-DCAA	1	500	508	102		39	175
		2,4-DCAA	2	500	461	92		39	175
P4722-03	WC-1(0-6)	2,4-DCAA	1	500	258	52		10	141
		2,4-DCAA	2	500	217	43		10	141
P4722-13	WC-3(0-6)	2,4-DCAA	1	500	323	65		10	141
		2,4-DCAA	2	500	270	54		10	141
I.BLK-PS028441.D	PIBLK-PS028441.D	2,4-DCAA	1	500	509	102		39	175
		2,4-DCAA	2	500	455	91		39	175

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **DataFile :** PS028373.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**TP-14MS**											
P4739-01MS	DICAMBA	187.7	0	68.5	ug/Kg	36				10	112	
	DICHLORPROP	187.7	0	40.4	ug/Kg	22				10	113	
	2,4-D	187.7	0	72.7	ug/Kg	39				10	144	
	2,4,5-TP(Silvex)	187.7	0	27.4	ug/Kg	15				10	114	
	2,4,5-T	187.7	0	37.0	ug/Kg	20				10	115	
	2,4-DB	187.7	0	27.6	ug/Kg	15				10	140	
	Dinoseb	187.7	0	14.2	ug/Kg	8	*			10	118	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **DataFile :** PS028374.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**TP-14MSD**											
P4739-01MSD	DICAMBA	187.8	0	67.7	ug/Kg	36		0		10	112	20
	DICHLORPROP	187.8	0	39.6	ug/Kg	21		5		10	113	20
	2,4-D	187.8	0	71.0	ug/Kg	38		3		10	144	20
	2,4,5-TP(Silvex)	187.8	0	26.6	ug/Kg	14		7		10	114	20
	2,4,5-T	187.8	0	36.3	ug/Kg	19		5		10	115	20
	2,4-DB	187.8	0	26.9	ug/Kg	14		7		10	140	20
	Dinoseb	187.8	0	15.0	ug/Kg	8	*	0		10	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **Datafile :** PS028368.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164754BS	DICAMBA	166.6	170	ug/Kg	102				72	129	
	DICHLORPROP	166.6	170	ug/Kg	102				77	135	
	2,4-D	166.6	169	ug/Kg	101				65	144	
	2,4,5-TP(Silvex)	166.6	173	ug/Kg	104				74	146	
	2,4,5-T	166.6	173	ug/Kg	104				77	134	
	2,4-DB	166.6	168	ug/Kg	101				72	122	
	Dinoseb	166.6	167	ug/Kg	100				74	132	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164754BL

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Lab Sample ID: PB164754BL Lab File ID: PS028367.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 11/07/2024

Date Analyzed (1): 11/08/2024 Date Analyzed (2): 11/08/2024

Time Analyzed (1): 19:46 Time Analyzed (2): 19:46

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
PB164754BS	PB164754BS	PS028368.D	11/08/2024	11/08/2024
WC-2(0-6)	P4722-08	PS028370.D	11/08/2024	11/08/2024
TP-14MS	P4739-01MS	PS028373.D	11/08/2024	11/08/2024
TP-14MSD	P4739-01MSD	PS028374.D	11/08/2024	11/08/2024
WC-1(0-6)	P4722-03	PS028438.D	11/12/2024	11/12/2024
WC-3(0-6)	P4722-13	PS028439.D	11/12/2024	11/12/2024

COMMENTS:

QC SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	
Client Sample ID:	PB164754BL	SDG No.:	P4722
Lab Sample ID:	PB164754BL	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
PS028367.D	1	11/07/24 10:33	11/08/24 19:46	PB164754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.70	U	8.70	66.9	ug/Kg
120-36-5	DICHLORPROP	9.50	U	9.50	66.9	ug/Kg
94-75-7	2,4-D	12.1	U	12.1	66.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.40	U	9.40	66.9	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	66.9	ug/Kg
94-82-6	2,4-DB	18.3	U	18.3	66.9	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	66.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	494		10 - 141	99%	SPK: 500

Comments:

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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:	Walsh Construction Company II, LLC	Date Collected:	11/08/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/08/24
Client Sample ID:	PIBLK-PS028355.D	SDG No.:	P4722
Lab Sample ID:	I.BLK-PS028355.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028355.D	1		11/08/24	PS110924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	503		39 - 175	101%	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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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/08/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/08/24
Client Sample ID:	PIBLK-PS028362.D	SDG No.:	P4722
Lab Sample ID:	I.BLK-PS028362.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028362.D	1		11/08/24	PS110924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	493		39 - 175	99%	SPK: 500

Comments:

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

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

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/09/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/09/24
Client Sample ID:	PIBLK-PS028378.D	SDG No.:	P4722
Lab Sample ID:	I.BLK-PS028378.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028378.D	1		11/09/24	PS110924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	494		39 - 175	99%	SPK: 500

Comments:

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

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/12/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/12/24
Client Sample ID:	PIBLK-PS028429.D	SDG No.:	P4722
Lab Sample ID:	I.BLK-PS028429.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028429.D	1		11/12/24	ps111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	508		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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/12/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/12/24
Client Sample ID:	PIBLK-PS028441.D	SDG No.:	P4722
Lab Sample ID:	I.BLK-PS028441.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028441.D	1		11/12/24	PS111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	509		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
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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:	Walsh Construction Company II, LLC	Date Collected:	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	
Client Sample ID:	PB164754BS	SDG No.:	P4722
Lab Sample ID:	PB164754BS	Matrix:	SOIL
Analytical Method:	SW8151A	% 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
PS028368.D	1	11/07/24 10:33	11/08/24 20:10	PB164754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	170		8.70	67.0	ug/Kg
120-36-5	DICHLORPROP	170		9.50	67.0	ug/Kg
94-75-7	2,4-D	169		12.1	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	173		9.40	67.0	ug/Kg
93-76-5	2,4,5-T	173		10.1	67.0	ug/Kg
94-82-6	2,4-DB	168		18.3	67.0	ug/Kg
88-85-7	DINOSEB	167		12.4	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	534		10 - 141	107%	SPK: 500

Comments:

U = Not Detected
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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/06/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/06/24
Client Sample ID:	TP-14MS	SDG No.:	P4722
Lab Sample ID:	P4739-01MS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	88.7 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
PS028373.D	1	11/07/24 10:33	11/08/24 22:10	PB164754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	68.5	J	9.80	75.5	ug/Kg
120-36-5	DICHLORPROP	40.4	J	10.7	75.5	ug/Kg
94-75-7	2,4-D	72.7	J	13.6	75.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	27.4	J	10.6	75.5	ug/Kg
93-76-5	2,4,5-T	37.0	J	11.4	75.5	ug/Kg
94-82-6	2,4-DB	27.6	J	20.6	75.5	ug/Kg
88-85-7	DINOSEB	14.2	J	14.0	75.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	237		10 - 141	47%	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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/06/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/06/24
Client Sample ID:	TP-14MSD	SDG No.:	P4722
Lab Sample ID:	P4739-01MSD	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	88.7 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
PS028374.D	1	11/07/24 10:33	11/08/24 22:34	PB164754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	67.7	J	9.80	75.5	ug/Kg
120-36-5	DICHLORPROP	39.6	J	10.7	75.5	ug/Kg
94-75-7	2,4-D	71.0	J	13.6	75.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	26.6	J	10.6	75.5	ug/Kg
93-76-5	2,4,5-T	36.3	J	11.4	75.5	ug/Kg
94-82-6	2,4-DB	26.9	J	20.6	75.5	ug/Kg
88-85-7	DINOSEB	15.0	J	14.0	75.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	232		10 - 141	46%	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
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() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Instrument ID: ECD_S **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 15:13 16:58

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

LAB FILE ID: RT 200 = PS028356.D RT 500 = PS028357.D

RT 750 = PS028358.D RT 1000 = PS028359.D RT 1500 = PS028360.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.55	9.56	9.55	9.55	9.55	9.55	9.45	9.65
2,4,5-TP(Silvex)	9.26	9.26	9.26	9.26	9.26	9.26	9.16	9.36
2,4-D	8.38	8.38	8.38	8.38	8.38	8.38	8.28	8.48
2,4-DB	10.13	10.13	10.13	10.13	10.13	10.13	10.03	10.23
2,4-DCAA	7.25	7.25	7.25	7.25	7.25	7.25	7.15	7.35
DICAMBA	7.44	7.44	7.44	7.44	7.44	7.44	7.34	7.54
DICHLORPROP	8.15	8.15	8.15	8.15	8.15	8.15	8.05	8.25
Dinoseb	11.35	11.35	11.35	11.35	11.35	11.35	11.25	11.45

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Instrument ID: ECD_S **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 15:13 16:58

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

LAB FILE ID: RT 200 = PS028356.D RT 500 = PS028357.D

RT 750 = PS028358.D RT 1000 = PS028359.D RT 1500 = PS028360.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.33	10.33	10.33	10.33	10.33	10.33	10.23	10.43
2,4,5-TP(Silvex)	9.91	9.91	9.91	9.91	9.91	9.91	9.81	10.01
2,4-D	9.01	9.00	9.01	9.01	9.01	9.00	8.90	9.10
2,4-DB	10.90	10.90	10.90	10.90	10.90	10.90	10.80	11.00
2,4-DCAA	7.76	7.75	7.76	7.76	7.76	7.75	7.65	7.85
DICAMBA	7.96	7.96	7.96	7.96	7.96	7.96	7.86	8.06
DICHLORPROP	8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Dinoseb	11.28	11.28	11.28	11.28	11.28	11.28	11.18	11.38

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Instrument ID: ECD_S **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 15:13 16:58

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

LAB FILE ID: **CF 200 =** PS028356.D **CF 500 =** PS028357.D

CF 750 = PS028358.D **CF 1000 =** PS028359.D **CF 1500 =** PS028360.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	21529100000	19437000000	19525400000	18705500000	17708000000	19381000000	7
2,4,5-TP(Silvex)	21008200000	18982300000	19068100000	18267500000	17318700000	18929000000	7
2,4-D	3997770000	3571450000	3468690000	3334460000	3198650000	3514210000	9
2,4-DB	3352010000	3027230000	3093110000	3022410000	2959650000	3090880000	5
2,4-DCAA	3196830000	2740430000	2735520000	2619650000	2511350000	2760750000	9
DICAMBA	12975400000	11905100000	12166500000	11780900000	11375900000	12040700000	5
DICHLORPROP	3557350000	3056940000	3079000000	2957460000	2847450000	3099640000	9
Dinoseb	17552800000	16349100000	16308600000	15784700000	15071600000	16213400000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Instrument ID: ECD_S **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 15:13 16:58

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

LAB FILE ID: **CF 200 =** PS028356.D **CF 500 =** PS028357.D

CF 750 = PS028358.D **CF 1000 =** PS028359.D **CF 1500 =** PS028360.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	10782600000	10407300000	10530200000	10245600000	9914510000	10376000000	3
2,4,5-TP(Silvex)	10970300000	10612300000	10768700000	10478800000	10130800000	10592200000	3
2,4-D	2051780000	1901200000	1935300000	1900220000	1880580000	1933820000	4
2,4-DB	1351580000	1287180000	1335670000	1323760000	1328210000	1325280000	2
2,4-DCAA	1694540000	1575990000	1595150000	1561040000	1540400000	1593420000	4
DICAMBA	7032650000	7044480000	7350350000	7249840000	7170240000	7169510000	2
DICHLORPROP	1864120000	1759800000	1788540000	1754780000	1739090000	1781270000	3
Dinoseb	7376340000	7195700000	7257020000	7126590000	6931080000	7177340000	2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/08/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 18:10 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.44	7.44	7.34	7.54	0.00
2,4-DCAA	7.25	7.25	7.15	7.35	0.00
DICHLORPROP	8.15	8.15	8.05	8.25	0.00
2,4-D	8.38	8.38	8.28	8.48	0.00
2,4,5-TP(Silvex)	9.26	9.26	9.16	9.36	0.00
2,4,5-T	9.55	9.55	9.45	9.65	0.00
2,4-DB	10.13	10.13	10.03	10.23	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/08/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 18:10 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.96	7.96	7.86	8.06	0.01
2,4-DCAA	7.75	7.76	7.66	7.86	0.01
DICHLORPROP	8.67	8.67	8.57	8.77	0.00
2,4-D	9.00	9.01	8.91	9.11	0.01
2,4,5-TP(Silvex)	9.91	9.91	9.81	10.01	0.00
2,4,5-T	10.33	10.33	10.23	10.43	0.00
2,4-DB	10.90	10.90	10.80	11.00	0.00
Dinoseb	11.28	11.28	11.18	11.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL01 **Date Analyzed:** 11/08/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028363.D **Time Analyzed:** 18:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.552	9.452	9.652	708.290	712.500	-0.6
2,4,5-TP(Silvex)	9.260	9.160	9.360	708.980	712.500	-0.5
2,4-D	8.378	8.279	8.479	688.020	705.000	-2.4
2,4-DB	10.129	10.029	10.229	704.320	712.500	-1.1
2,4-DCAA	7.249	7.150	7.350	734.280	750.000	-2.1
DICAMBA	7.438	7.338	7.538	704.230	705.000	-0.1
DICHLORPROP	8.148	8.048	8.248	693.130	705.000	-1.7
Dinoseb	11.344	11.245	11.445	685.490	705.000	-2.8

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL01 **Date Analyzed:** 11/08/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028363.D **Time Analyzed:** 18:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.332	10.233	10.433	707.880	712.500	-0.6
2,4,5-TP(Silvex)	9.911	9.811	10.011	707.720	712.500	-0.7
2,4-D	9.004	8.905	9.105	693.210	705.000	-1.7
2,4-DB	10.900	10.800	11.000	705.100	712.500	-1.0
2,4-DCAA	7.754	7.655	7.855	740.460	750.000	-1.3
DICAMBA	7.955	7.856	8.056	710.900	705.000	0.8
DICHLORPROP	8.672	8.573	8.773	696.240	705.000	-1.2
Dinoseb	11.279	11.180	11.380	682.790	705.000	-3.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/09/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 00:34 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.44	7.44	7.34	7.54	0.00
2,4-DCAA	7.25	7.25	7.15	7.35	0.00
DICHLORPROP	8.15	8.15	8.05	8.25	0.00
2,4-D	8.38	8.38	8.28	8.48	0.00
2,4,5-TP(Silvex)	9.26	9.26	9.16	9.36	0.00
2,4,5-T	9.55	9.55	9.45	9.65	0.00
2,4-DB	10.13	10.13	10.03	10.23	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/09/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 00:34 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.95	7.96	7.86	8.06	0.01
2,4-DCAA	7.75	7.76	7.66	7.86	0.01
DICHLORPROP	8.67	8.67	8.57	8.77	0.00
2,4-D	9.00	9.01	8.91	9.11	0.01
2,4,5-TP(Silvex)	9.91	9.91	9.81	10.01	0.00
2,4,5-T	10.33	10.33	10.23	10.43	0.00
2,4-DB	10.90	10.90	10.80	11.00	0.00
Dinoseb	11.28	11.28	11.18	11.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL02 **Date Analyzed:** 11/09/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028379.D **Time Analyzed:** 00:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.550	9.452	9.652	703.660	712.500	-1.2
2,4,5-TP(Silvex)	9.257	9.160	9.360	705.350	712.500	-1.0
2,4-D	8.376	8.279	8.479	683.840	705.000	-3.0
2,4-DB	10.126	10.029	10.229	689.080	712.500	-3.3
2,4-DCAA	7.247	7.150	7.350	729.100	750.000	-2.8
DICAMBA	7.436	7.338	7.538	700.700	705.000	-0.6
DICHLORPROP	8.145	8.048	8.248	689.680	705.000	-2.2
Dinoseb	11.341	11.245	11.445	684.820	705.000	-2.9

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL02 **Date Analyzed:** 11/09/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028379.D **Time Analyzed:** 00:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.329	10.233	10.433	699.380	712.500	-1.8
2,4,5-TP(Silvex)	9.909	9.811	10.011	696.990	712.500	-2.2
2,4-D	9.002	8.905	9.105	674.630	705.000	-4.3
2,4-DB	10.897	10.800	11.000	688.400	712.500	-3.4
2,4-DCAA	7.753	7.655	7.855	729.560	750.000	-2.7
DICAMBA	7.954	7.856	8.056	698.730	705.000	-0.9
DICHLORPROP	8.671	8.573	8.773	682.450	705.000	-3.2
Dinoseb	11.277	11.180	11.380	675.370	705.000	-4.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/12/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 02:11 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.43	7.44	7.34	7.54	0.01
2,4-DCAA	7.24	7.25	7.15	7.35	0.01
DICHLORPROP	8.14	8.15	8.05	8.25	0.01
2,4-D	8.37	8.38	8.28	8.48	0.01
2,4,5-TP(Silvex)	9.25	9.26	9.16	9.36	0.01
2,4,5-T	9.55	9.55	9.45	9.65	0.00
2,4-DB	10.12	10.13	10.03	10.23	0.01
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/12/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 02:11 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.95	7.96	7.86	8.06	0.01
2,4-DCAA	7.75	7.76	7.66	7.86	0.01
DICHLORPROP	8.67	8.67	8.57	8.77	0.00
2,4-D	9.00	9.01	8.91	9.11	0.01
2,4,5-TP(Silvex)	9.91	9.91	9.81	10.01	0.00
2,4,5-T	10.33	10.33	10.23	10.43	0.00
2,4-DB	10.89	10.90	10.80	11.00	0.01
Dinoseb	11.27	11.28	11.18	11.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028430.D **Time Analyzed:** 02:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.545	9.452	9.652	724.840	712.500	1.7
2,4,5-TP(Silvex)	9.252	9.160	9.360	724.670	712.500	1.7
2,4-D	8.373	8.279	8.479	704.430	705.000	-0.1
2,4-DB	10.121	10.029	10.229	680.020	712.500	-4.6
2,4-DCAA	7.244	7.150	7.350	745.790	750.000	-0.6
DICAMBA	7.432	7.338	7.538	720.640	705.000	2.2
DICHLORPROP	8.141	8.048	8.248	709.240	705.000	0.6
Dinoseb	11.335	11.245	11.445	713.990	705.000	1.3

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028430.D **Time Analyzed:** 02:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.326	10.233	10.433	666.200	712.500	-6.5
2,4,5-TP(Silvex)	9.906	9.811	10.011	665.210	712.500	-6.6
2,4-D	8.999	8.905	9.105	614.680	705.000	-12.8
2,4-DB	10.894	10.800	11.000	644.510	712.500	-9.5
2,4-DCAA	7.750	7.655	7.855	684.690	750.000	-8.7
DICAMBA	7.951	7.856	8.056	662.040	705.000	-6.1
DICHLORPROP	8.668	8.573	8.773	643.140	705.000	-8.8
Dinoseb	11.274	11.180	11.380	655.310	705.000	-7.0

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/12/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 06:59 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.43	7.44	7.34	7.54	0.01
2,4-DCAA	7.24	7.25	7.15	7.35	0.01
DICHLORPROP	8.14	8.15	8.05	8.25	0.01
2,4-D	8.37	8.38	8.28	8.48	0.01
2,4,5-TP(Silvex)	9.25	9.26	9.16	9.36	0.01
2,4,5-T	9.54	9.55	9.45	9.65	0.01
2,4-DB	10.12	10.13	10.03	10.23	0.01
Dinoseb	11.33	11.35	11.25	11.45	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Continuing Calib Date: 11/12/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 06:59 **Initial Calibration Time(s):** 15:13 16:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.95	7.96	7.86	8.06	0.01
2,4-DCAA	7.75	7.76	7.66	7.86	0.01
DICHLORPROP	8.67	8.67	8.57	8.77	0.01
2,4-D	9.00	9.01	8.91	9.11	0.02
2,4,5-TP(Silvex)	9.90	9.91	9.81	10.01	0.01
2,4,5-T	10.32	10.33	10.23	10.43	0.01
2,4-DB	10.89	10.90	10.80	11.00	0.01
Dinoseb	11.27	11.28	11.18	11.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028442.D **Time Analyzed:** 06:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.542	9.452	9.652	726.580	712.500	2.0
2,4,5-TP(Silvex)	9.249	9.160	9.360	728.750	712.500	2.3
2,4-D	8.370	8.279	8.479	705.610	705.000	0.1
2,4-DB	10.118	10.029	10.229	661.620	712.500	-7.1
2,4-DCAA	7.242	7.150	7.350	746.620	750.000	-0.5
DICAMBA	7.430	7.338	7.538	722.500	705.000	2.5
DICHLORPROP	8.139	8.048	8.248	709.750	705.000	0.7
Dinoseb	11.332	11.245	11.445	716.220	705.000	1.6

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS028442.D **Time Analyzed:** 06:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.323	10.233	10.433	659.950	712.500	-7.4
2,4,5-TP(Silvex)	9.902	9.811	10.011	654.880	712.500	-8.1
2,4-D	8.995	8.905	9.105	653.430	705.000	-7.3
2,4-DB	10.890	10.800	11.000	646.400	712.500	-9.3
2,4-DCAA	7.748	7.655	7.855	679.110	750.000	-9.5
DICAMBA	7.949	7.856	8.056	655.240	705.000	-7.1
DICHLORPROP	8.665	8.573	8.773	631.600	705.000	-10.4
Dinoseb	11.270	11.180	11.380	647.110	705.000	-8.2

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Analytical Sequence

Client: Walsh Construction Company II, LLC **SDG No.:** P4722

Project: NYCDEP C547A - Shafts 17B-1 & 18B-1 Sta **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/08/2024 11/08/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	11/08/2024	14:25	PS028355.D	7.25	0.00
HSTDICC200	HSTDICC200	11/08/2024	15:13	PS028356.D	7.25	0.00
HSTDICC500	HSTDICC500	11/08/2024	15:46	PS028357.D	7.25	0.00
HSTDICC750	HSTDICC750	11/08/2024	16:10	PS028358.D	7.25	0.00
HSTDICC1000	HSTDICC1000	11/08/2024	16:34	PS028359.D	7.25	0.00
HSTDICC1500	HSTDICC1500	11/08/2024	16:58	PS028360.D	7.25	0.00
I.BLK	I.BLK	11/08/2024	17:46	PS028362.D	7.25	0.00
HSTDCCC750	HSTDCCC750	11/08/2024	18:10	PS028363.D	7.25	0.00
PB164754BL	PB164754BL	11/08/2024	19:46	PS028367.D	7.25	0.00
PB164754BS	PB164754BS	11/08/2024	20:10	PS028368.D	7.25	0.00
WC-2(0-6)	P4722-08	11/08/2024	20:58	PS028370.D	7.25	0.00
TP-14MS	P4739-01MS	11/08/2024	22:10	PS028373.D	7.25	0.00
TP-14MSD	P4739-01MSD	11/08/2024	22:34	PS028374.D	7.25	0.00
I.BLK	I.BLK	11/09/2024	00:10	PS028378.D	7.25	0.00
HSTDCCC750	HSTDCCC750	11/09/2024	00:34	PS028379.D	7.25	0.00
I.BLK	I.BLK	11/12/2024	01:47	PS028429.D	7.24	0.00
HSTDCCC750	HSTDCCC750	11/12/2024	02:11	PS028430.D	7.24	0.00
WC-1(0-6)	P4722-03	11/12/2024	05:23	PS028438.D	7.24	0.00
WC-3(0-6)	P4722-13	11/12/2024	05:47	PS028439.D	7.24	0.00
I.BLK	I.BLK	11/12/2024	06:35	PS028441.D	7.24	0.00
HSTDCCC750	HSTDCCC750	11/12/2024	06:59	PS028442.D	7.24	0.00

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Analytical Sequence

Client: Walsh Construction Company II, LLC **SDG No.:** P4722

Project: NYCDEP C547A - Shafts 17B-1 & 18B-1 Sta **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/08/2024 11/08/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	11/08/2024	14:25	PS028355.D	7.76	0.00
HSTDICC200	HSTDICC200	11/08/2024	15:13	PS028356.D	7.76	0.00
HSTDICC500	HSTDICC500	11/08/2024	15:46	PS028357.D	7.75	0.00
HSTDICC750	HSTDICC750	11/08/2024	16:10	PS028358.D	7.76	0.00
HSTDICC1000	HSTDICC1000	11/08/2024	16:34	PS028359.D	7.76	0.00
HSTDICC1500	HSTDICC1500	11/08/2024	16:58	PS028360.D	7.76	0.00
I.BLK	I.BLK	11/08/2024	17:46	PS028362.D	7.76	0.00
HSTDCCC750	HSTDCCC750	11/08/2024	18:10	PS028363.D	7.75	0.00
PB164754BL	PB164754BL	11/08/2024	19:46	PS028367.D	7.75	0.00
PB164754BS	PB164754BS	11/08/2024	20:10	PS028368.D	7.75	0.00
WC-2(0-6)	P4722-08	11/08/2024	20:58	PS028370.D	7.75	0.00
TP-14MS	P4739-01MS	11/08/2024	22:10	PS028373.D	7.75	0.00
TP-14MSD	P4739-01MSD	11/08/2024	22:34	PS028374.D	7.75	0.00
I.BLK	I.BLK	11/09/2024	00:10	PS028378.D	7.75	0.00
HSTDCCC750	HSTDCCC750	11/09/2024	00:34	PS028379.D	7.75	0.00
I.BLK	I.BLK	11/12/2024	01:47	PS028429.D	7.75	0.00
HSTDCCC750	HSTDCCC750	11/12/2024	02:11	PS028430.D	7.75	0.00
WC-1(0-6)	P4722-03	11/12/2024	05:23	PS028438.D	7.75	0.00
WC-3(0-6)	P4722-13	11/12/2024	05:47	PS028439.D	7.75	0.00
I.BLK	I.BLK	11/12/2024	06:35	PS028441.D	7.75	0.00
HSTDCCC750	HSTDCCC750	11/12/2024	06:59	PS028442.D	7.75	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164754BS

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Lab Sample ID: PB164754BS **Date(s) Analyzed:** 11/08/2024 11/08/2024

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	8.15	8.10	8.20	170	1.8
	2	8.67	8.62	8.72	167	
2,4-D	1	8.38	8.33	8.43	169	1.2
	2	9.00	8.95	9.05	167	
2,4,5-TP(Silvex)	1	9.26	9.21	9.31	173	1.7
	2	9.91	9.86	9.96	170	
2,4,5-T	1	9.55	9.50	9.60	173	1.7
	2	10.33	10.28	10.38	170	
2,4-DB	1	10.13	10.08	10.18	168	1.2
	2	10.90	10.85	10.95	166	
Dinoseb	1	11.34	11.29	11.39	167	1.2
	2	11.28	11.23	11.33	165	
DICAMBA	1	7.44	7.39	7.49	170	1.2
	2	7.96	7.91	8.01	168	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-14MS

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Lab Sample ID: P4739-01MS **Date(s) Analyzed:** 11/08/2024 11/08/2024

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	8.15	8.10	8.20	40.4	8.2
	2	8.67	8.62	8.72	37.2	
2,4-D	1	8.38	8.33	8.43	72.7	5.2
	2	9.00	8.95	9.05	69.0	
2,4,5-TP(Silvex)	1	9.26	9.21	9.31	25.6	6.8
	2	9.91	9.86	9.96	27.4	
2,4,5-T	1	9.55	9.50	9.60	37.0	1.4
	2	10.33	10.28	10.38	36.5	
2,4-DB	1	10.13	10.08	10.18	27.6	21.2
	2	10.90	10.85	10.95	22.3	
DICAMBA	1	7.44	7.39	7.49	68.5	5.2
	2	7.95	7.90	8.00	65.0	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-14MSD

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Lab Sample ID: P4739-01MSD **Date(s) Analyzed:** 11/08/2024 11/08/2024

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	8.15	8.10	8.20	39.6	8.7
	2	8.67	8.62	8.72	36.3	
2,4-D	1	8.38	8.33	8.43	71.0	4.2
	2	9.00	8.95	9.05	68.1	
2,4,5-TP(Silvex)	1	9.26	9.21	9.31	25.0	6.2
	2	9.91	9.86	9.96	26.6	
2,4,5-T	1	9.55	9.50	9.60	36.3	1.1
	2	10.33	10.28	10.38	35.9	
2,4-DB	1	10.13	10.08	10.18	26.9	18.3
	2	10.90	10.85	10.95	22.4	
DICAMBA	1	7.44	7.39	7.49	67.7	5.3
	2	7.96	7.91	8.01	64.2	