

ANALYTICAL RESULTS SUMMARY

GC SEMI-VOLATILES

PROJECT NAME : R36767

TETRA TECH, EMI 240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID: P4962

ATTENTION : Ava Heiss



Laboratory Certification ID # 20012







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Cover Page

Order ID : P4962

Project ID : R36767

Client : Tetra Tech, EMI

Lab Sample Number

P4962-01

Client Sample Number

C0NB8

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

Date: 11/29/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



CASE NARRATIVE

Tetra Tech, EMI Project Name: R36767 Project # N/A Chemtech Project # P4962 Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 11/22/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TCLP Extraction and TCLP Herbicide. This data package contains results for TCLP Herbicide.

C. Analytical Techniques:

The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for CORB8MS [2,4-DCAA(1) - 36%, 2,4-DCAA(2) - 36%], CORB8MSD [2,4-DCAA(1) - 37%, 2 and 4-DCAA(2) - 36%] Confirms with orignal sample & ms, msd.

The Retention Times were acceptable for all samples.

The MS {P4961-01MS} with File ID: PS028650.D recoveries met the requirements for all compounds except for 2,4,5-TP(Silvex)[155%] Due to matrix interference.

The MSD {P4961-01MSD} with File ID: PS028651.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[156%] Due to matrix interference.

The RPD met criteria . The Blank Spike met requirements for all samples . The Blank analysis did not indicate the presence of lab contamination. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .



E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____



DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	 Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
В	Indicates the analyte was found in the blank as well as the sample report as "12 B".
Ε	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
Ν	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
Α	This flag indicates that a Tentatively Identified Compound is a suspected aldol- condensation product.
Q	Indicates the LCS did not meet the control limits requirements



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4962

Completed

For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	
Is the chain of custody signed and complete	<u>✓</u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<u>✓</u>
Collect information for each project id from server. Were all requirements followed	<u>✓</u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u>✓</u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u>✓</u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u>✓</u>
Do requested analyses on Chain of Custody agree with the log-in page	<u>✓</u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓ ✓ ✓
Were the samples received within hold time	<u>✓</u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u>√</u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
Was client requirement followed?	<u> </u>
Does the case narrative summarize all QC failure?	<u> </u>
All runlogs and manual integration are reviewed for requirements	
All manual calculations and /or hand notations verified	<u>✓</u>

QA Review Signature: SOHIL JODHANI



В	

B C D F G

Ŧ

LAB CHRONICLE

OrderID: Client: Contact:	P4962 Tetra Tech, EMI Ava Heiss			OrderDate: Project: Location:	11/22/2024 10:4 R36767 L61	47:29 AM		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4962-01	CONB8	TCLP			11/20/24			11/22/24
			TCLP Herbicide	8151A		11/26/24	11/26/24	



Н

			Hit Summary Shee SW-846	t			Α
SDG No.:	P4962			Order ID:	P4962		В
Client:	Tetra Tech, EMI			Project ID:	R36767		С
Sample ID	Client ID	Matrix	Parameter	Concentration	C MDL	RDL Units	D
Client ID :							Е
							F
			Total Concentration:	0.000			G





A B C D F G H



D
D

Report	of A	nal	ysis
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Client:	Tetra Tec	h, EMI				Date Collected:	11/20/24		
Project:	R36767					Date Received:	11/22/24		
Client Sample ID:	C0NB8					SDG No.:	P4962		
Lab Sample ID:	P4962-01					Matrix:	TCLP		
Analytical Method	: SW81512	4				% Solid:	0	Decanted:	
Sample Wt/Vol:	100	Units:	mL			Final Vol:	10000	uL	
Soil Aliquot Vol:			uL			Test:	TCLP Herbici	de	
Extraction Type:						Injection Volume :			
GPC Factor :	1.0		PH :						
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed	Prep I	Batch ID	
PS028652.D	1		11/2	6/24 11:10		11/26/24 22:25	PB16	5273	
CAS Number	Parameter		Conc.	Qualifier	MDL		LOQ / CR	QL	Units
CAS Number	Parameter		Conc.	Qualifier	MDL		LOQ / CR	QL	Units
	Parameter 2,4-D		Conc. 4.90	Qualifier U	MDL 4.90			QL	Units ug/L
TARGETS							20		

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	



D

Report	of Ana	lysis
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Client:	Tetra Te	ch, EMI				Date Collected:			
Project:	R36767					Date Received:	11/26/24		
Client Sample ID:	PB1651	59TB				SDG No.:	P4962		
Lab Sample ID:	PB1651	59TB				Matrix:	TCLP		
Analytical Method	: SW8151	Α				% Solid:	0	Decanted:	
Sample Wt/Vol:	100	Units:	mL			Final Vol:	10000	uL	
Soil Aliquot Vol:			uL			Test:	TCLP Herbi	cide	
Extraction Type:						Injection Volume :			
GPC Factor :	1.0		PH :						
Prep Method :	8151A								
File ID/Qc Batch:	Dilution	:	Prep	Date		Date Analyzed	Prep	Batch ID	
PS028646.D	1		11/26	5/24 11:10		11/26/24 20:01	PB1	65273	J
CAS Number	Parameter		Conc.	Qualifier	MDL		LOQ / C	RQL	Units
CAS Number TARGETS	Parameter		Conc.	Qualifier	MDL		LOQ / C	RQL	Units
	Parameter 2,4-D		Conc. 4.90	Qualifier U	MDL 4.90			RQL 20.0	Units ug/L
TARGETS)		-					

Comments:

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





A B C D F G H



Surrogate Summary

SDG No.:	P4962	

8151A

Client: Tetra Tech, EMI

Analytical Method:

								Li	imits
Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Low	High
I.BLK-PS028631.D	PIBLK-PS028631.D	2,4-DCAA	1	500	492	98		39	175
		2,4-DCAA	2	500	492	98		39	175
I.BLK-PS028638.D	PIBLK-PS028638.D	2,4-DCAA	1	500	484	97		39	175
		2,4-DCAA	2	500	483	97		39	175
PB165273BL	PB165273BL	2,4-DCAA	1	500	508	102		39	175
		2,4-DCAA	2	500	497	99		39	175
PB165273BS	PB165273BS	2,4-DCAA	1	500	491	98		39	175
		2,4-DCAA	2	500	491	98		39	175
PB165159TB	PB165159TB	2,4-DCAA	1	500	274	55		39	175
		2,4-DCAA	2	500	267	53		39	175
I.BLK-PS028647.D	PIBLK-PS028647.D	2,4-DCAA	1	500	496	99		39	175
		2,4-DCAA	2	500	502	100		39	175
P4961-01MS	C0RB8MS	2,4-DCAA	1	500	181	36	*	39	175
		2,4-DCAA	2	500	179	36	*	39	175
P4961-01MSD	C0RB8MSD	2,4-DCAA	1	500	183	37	*	39	175
		2,4-DCAA	2	500	178	36	*	39	175
P4962-01	C0NB8	2,4-DCAA	1	500	245	49		39	175
		2,4-DCAA	2	500	231	46		39	175
I.BLK-PS028654.D	PIBLK-PS028654.D	2,4-DCAA	1	500	493	99		39	175
		2,4-DCAA	2	500	498	100		39	175

5

B C D



2,4**-**D

2,4,5-TP(Silvex)

50

50

0

0

P4961-01MS

65

62

135

139

5

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P	4962												С
Client: T	etra Tech, EMI												D
Analytical Metho	d: <u>8151A</u>				DataFile	e: F	S028650).D					E
			Sample				Rec		RPD		Limits		F
Lab Sample ID:	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD	G
Client Sample ID	CORB8MS												

ug/L

ug/L

93

155

*

46.4

77.4



2,4**-**D

2,4,5-TP(Silvex)

50

50

0

0

P4961-01MSD

65

62

135

139

20

20

5

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P	24962												С
Client: 1	fetra Tech, EMI												D
Analytical Metho	od: <u>8151A</u>				DataFil	e: F	S028651	.D					Е
			Sample				Rec		RPD		Limits		F
Lab Sample ID:	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD	G
Client Sample ID	CORB8MSD												

ug/L

ug/L

95

156

*

2

1

47.5

78.2



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846)
511-040	,

SDG No.:	P4962											С
Client:	Tetra Tech, EMI											D
Analytical Met	hod: 8151A			<u> </u>	Datafile :	PS	8028645.E)				_
	D	a u	D 1/		P	DDD	A 1	RPD		Limits	DDD	E
Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Low	Limits High	RPD	F
Lab Sample ID PB165273BS	Parameter 2,4-D	Spike	Result 4.90	Units ug/L	Rec 98	RPD	Qual		Low 83		RPD	- F



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

5

B C D F G H

PESTICIDE METHOD BLANK SUMMARY

		EPA	SAMPLE NO.
		PB1652	273BL
Lab Name: <u>CHEMTECH</u>		Contract: TETR16	
Lab Code: <u>CHEM</u>	Case No.: P4962	SAS No.: <u>P4962</u>	SDG NO.: <u>P4962</u>
Lab Sample ID: PB165	273BL	Lab File ID: PS02	28644.D
Matrix: (soil/water)	water	Extraction: (Type)	
Sulfur Cleanup: (Y/N)	N	Date Extracted:	11/26/2024
Date Analyzed (1):	11/26/2024	Date Analyzed (2):	11/26/2024
Time Analyzed (1):	19:13	Time Analyzed (2):	19:13
Instrument ID (1):	ECD_S	Instrument ID (2):	ECD_S
GC Column (1): RTX-CL	P 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	LAB	LAB	DATE	DATE
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED 1	ANALYZED 2
PB165273BS	PB165273BS	PS028645.D	11/26/2024	11/26/2024
PB165159TB	PB165159TB	PS028646.D	11/26/2024	11/26/2024
CORB8MS	P4961-01MS	PS028650.D	11/26/2024	11/26/2024
CORB8MSD	P4961-01MSD	PS028651.D	11/26/2024	11/26/2024
C0NB8	P4962-01	PS028652.D	11/26/2024	11/26/2024

COMMENTS:





<u>QC SAMPLE</u> <u>DATA</u>



D
F

Report of Ana	lysis
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Client:	Tetra Tech	n, EMI				Date Collected:			
Project:	R36767					Date Received:			
Client Sample ID:	PB165273	BL				SDG No.:	P4962		
Lab Sample ID:	PB165273	BL				Matrix:	TCLP		
Analytical Method	: SW8151A	L				% Solid:	0	Decanted:	
Sample Wt/Vol:	1000	Units:	mL			Final Vol:	10000	uL	
Soil Aliquot Vol:			uL			Test:	TCLP Her	bicide	
Extraction Type:						Injection Volume :			
GPC Factor :	1.0	P	РН :						
Prep Method :	SW3510C								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed	Pr	ep Batch ID	
PS028644.D	1		11/26	6/24 11:10		11/26/24 19:13	PI	B165273	
CAS Number	Parameter		Conc.	Qualifier	MDL		LOQ /	CRQL	Units
TARGETS									
94-75-7	2,4-D		0.49	U	0.49			2.00	ug/L
93-72-1	2,4,5-TP (Silvex)		0.45	U	0.45			2.00	ug/L
SURROGATES 19719-28-9	2,4-DCAA		508		39 - 175			102%	SPK: 500

Comments:

U = Not Detected	J = Estimated Value
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concentrations between the two GC columns	was not performed prior to analyte detection in sample.
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M = MS/MSD acceptance criteria did not meet requirements	



D
F

Report of Analysis

Client:	Tetra Tech, E	MI			Date Collected:	11/26/24	
Project:	R36767				Date Received:	11/26/24	
Client Sample ID:	PIBLK-PS02	8631.D			SDG No.:	P4962	
Lab Sample ID:	I.BLK-PS028	631.D			Matrix:	TCLP	
Analytical Method	: SW8151A				% Solid:	0 De	canted:
Sample Wt/Vol:	1000 U	nits: mL			Final Vol:	10000	uL
Soil Aliquot Vol:		uL			Test:	TCLP Herbicide	
Extraction Type:					Injection Volume :		
GPC Factor :	1.0	PH :					
Prep Method :	SW3510C						
File ID/Qc Batch:	Dilution:	Pre	ep Date]	Date Analyzed	Prep Bate	h ID
PS028631.D	1				11/26/24	PS112624	L I
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL	Units
TARGETS							
94-75-7		0.40	U	0.49		2.00	ug/L
J 4 -73-7	2,4-D	0.49	0	0.77		2.00	ug/L
93-72-1	2,4-D 2,4,5-TP (Silvex)	0.49	U	0.45		2.00	ug/L ug/L

Comments:

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concentrations between the two GC columns	was not performed prior to analyte detection in sample.
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D
F

Report of Analysis

Client:	Te	etra Tech,	EMI					Date Collected:	11/26/24		
Project:	R	36767						Date Received:	11/26/24		
Client Sample ID:	PI	IBLK-PS	028638.D)				SDG No.:	P4962		
Lab Sample ID:	I.I	BLK-PS0	28638.D					Matrix:	TCLP		
Analytical Method	l: SV	W8151A						% Solid:	0	Decanted:	
Sample Wt/Vol:	10	000	Units:	mL				Final Vol:	10000	uL	
Soil Aliquot Vol:				uL				Test:	TCLP Herbi	cide	
Extraction Type:								Injection Volume :			
GPC Factor :	1.	.0	1	PH :							
Prep Method :	SV	W3510C									
File ID/Qc Batch:	Di	ilution:		Pr	ep Date			Date Analyzed	Prep	Batch ID	
PS028638.D	1							11/26/24	PS1	12624	J
CAS Number	Parameter			Conc.	Q	ualifier	MDL		LOQ / C	RQL	Units
TARGETS											
94-75-7	2,4-D			0.49	U	ſ	0.49			2.00	ug/L
93-72-1	2,4,5-TP (S	Silvex)		0.45	U	ſ	0.45			2.00	ug/L
SURROGATES 19719-28-9	2,4-DCAA	Υ.		484			39 - 175			97%	SPK: 500

Comments:

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concentrations between the two GC columns	was not performed prior to analyte detection in sample.
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Report of A	naly	sis
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Client:	Tetra Tech, EMI				Date Collected:	11/26/24		
Project:	R36767				Date Received:	11/26/24		
Client Sample ID:	PIBLK-PS02864	17.D			SDG No.:	P4962		
Lab Sample ID:	I.BLK-PS02864	7.D			Matrix:	TCLP		
Analytical Method	: SW8151A				% Solid:	0	Decanted:	
Sample Wt/Vol:	1000 Unit	s: mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	TCLP Herbicid	le	
Extraction Type:					Injection Volume :			
GPC Factor :	1.0	PH :						
Prep Method :	SW3510C							
File ID/Qc Batch:	Dilution:	Prep 1	Date	-	Date Analyzed	Prep B	atch ID	
PS028647.D	1				11/26/24	PS112	624	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRO	QL	Units
TARGETS								
94-75-7	2,4-D	0.49	U	0.49		2.0	00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45		2.0	00	ug/L
SURROGATES								

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Report of Analysis

Client:	Tetra Tech, E	MI			Date Collected:	11/26/24		
Project:	R36767				Date Received:	11/26/24		
Client Sample ID:	PIBLK-PS02	8654.D			SDG No.:	P4962		
Lab Sample ID:	I.BLK-PS028	8654.D			Matrix:	TCLP		
Analytical Method	l: SW8151A				% Solid:	0	Decanted:	
Sample Wt/Vol:	1000 U	nits: mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	TCLP Herbicio	de	
Extraction Type:					Injection Volume :			
GPC Factor :	1.0	PH :						
Prep Method :	SW3510C							
File ID/Qc Batch:	Dilution:	Prep	Date]	Date Analyzed	Prep E	Batch ID	
PS028654.D	1			1	11/26/24	PS112	624	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CR	QL	Units
TARGETS								
94-75-7	2,4-D	0.49	U	0.49		2.	00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45		2.	00	ug/L

Comments:

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D
F

Report of Analysis	Re	port	of Ana	lysis
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Client:	Tetra Tech, El	II			Date Collected:			
Project:	R36767				Date Received:			
Client Sample ID:	PB165273BS				SDG No.:	P4962		
Lab Sample ID:	PB165273BS				Matrix:	TCLP		
Analytical Method	: SW8151A				% Solid:	0	Decanted:	
Sample Wt/Vol:	1000 Ui	nits: mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	TCLP Herbi	cide	
Extraction Type:					Injection Volume :			
GPC Factor :	1.0	PH :						
Prep Method :	SW3510C							
File ID/Qc Batch:	Dilution:	Prep	Date	-	Date Analyzed	Prep	Batch ID	
PS028645.D	1	11/2	6/24 11:10		11/26/24 19:37	PB1	65273	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / C	RQL	Units
TARGETS								
94-75-7	2,4-D	4.90		0.49			2.00	ug/L
				0.45				/ .
93-72-1	2,4,5-TP (Silvex)	4.70		0.45			2.00	ug/L

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	



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F

Report of Analysis

Client:	Tetra Tech, E	'MI			Date Collected:	11/20/24	
		AIVII					
Project:	R36767				Date Received:	11/22/24	
Client Sample ID:	C0RB8MS				SDG No.:	P4962	
Lab Sample ID:	P4961-01MS	}			Matrix:	TCLP	
Analytical Method	: SW8151A				% Solid:	0 De	ecanted:
Sample Wt/Vol:	100 U	Inits: mL			Final Vol:	10000	uL
Soil Aliquot Vol:		uL			Test:	TCLP Herbicide	
Extraction Type:					Injection Volume :		
GPC Factor :	1.0	PH :					
Prep Method :	SW3510C						
File ID/Qc Batch:	Dilution:	Pre	ep Date		Date Analyzed	Prep Batc	ch ID
PS028650.D	1	11/	/26/24 11:10		11/26/24 21:37	PB16527	3
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	46.4		4.90		20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	77.4	Р	4.50		20.0	ug/L

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	



D
F

Report of Analysis

Client:	Tetra Te	ch, EMI				Date Collected:	11/20/24		
Project:	R36767					Date Received:	11/22/24		
Client Sample ID:	C0RB8N	MSD				SDG No.:	P4962		
Lab Sample ID:	P4961-0	1MSD				Matrix:	TCLP		
Analytical Method	l: SW8151	A				% Solid:	0	Decanted:	
Sample Wt/Vol:	100	Units:	mL			Final Vol:	10000	uL	
Soil Aliquot Vol:			uL			Test:	TCLP Herbio	cide	
Extraction Type:						Injection Volume :			
GPC Factor :	1.0		PH :						
Prep Method :	SW3510)C							
File ID/Qc Batch:	Dilution	1.	Prep	Date		Date Analyzed	Prep	Batch ID	
PS028651.D	1		11/26	6/24 11:10		11/26/24 22:01	PB1	65273	
CAS Number	Parameter		Conc.	Qualifier	MDL		LOQ / C	RQL	Units
TARGETS									
94-75-7	2,4-D		47.5		4.90			20.0	ug/L
93-72-1	2,4,5-TP (Silvex	:)	78.2	Р	4.50			20.0	ug/L
SURROGATES									

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	





<u>CALIBRATION</u> <u>SUMMARY</u>

P4962



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

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	TETR16									
Lab Code:	СНЕМ	_	Case No.:	P4962	SAS No.:	P4962	SDG NO.	: <u>P4962</u>		С
Instrument ID:	ECD_S		Calil	oration Date(s):		11/26/2024	11/26/2	11/26/2024		
			Calil	oration Times:		12:48	14:25			D E
GC Column:	RTX-CLP	ID:	<u>0.32</u> (mr	n)						F
LAB FILE ID:			RT 200 =	PS028632.D		RT 500 =	<u>PS028633.D</u>]	H
R	T 750 = PS028634.I)	RT 1000 =	<u>PS028635.D</u>		RT 1500 =	<u>PS028636.D</u>		J	
COMPOUND		RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN	RT WI	NDOW	T
				R 750			RT	FROM	ТО	
2,4,5-TP(Silvez	x)	9.23	9.23	9.23	9.23	9.23	9.23	9.13	9.33	
2,4-D		8.35	8.35	8.35	8.35	8.35	8.35	8.25	8.45	Ι
2,4-DCAA		7.23	7.23	7.23	7.23	7.23	7.23	7.13	7.33	Т

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	TETR16									
Lab Code:	СНЕМ	_	Case No.:	P4962	SAS No.:	P4962	SDG NO.	.: <u>P4962</u>		¢
Instrument ID:	ECD_S		Cali	bration Date(s):		11/26/2024	11/26/2	2024	_	
			Cali	bration Times:		12:48	14:25		_	E
GC Column:	RTX-CLP2	ID:	<u>0.32</u> (m	m)						F
LAB FILE ID:			RT 200 =	PS028632.D		RT 500 =	<u>PS028633.D</u>]	
R	<u> RT 750 = PS028634.I</u>)	RT 1000 =	<u>PS028635.D</u>		RT 1500 =	<u>PS028636.D</u>]	
COMPOUND		RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN	RT WI	NDOW	Τ
COMPOUND		KI 200	RT 500	KI /50	KI 1000	KI 1500	RT	FROM	ТО	
2,4,5-TP(Silvex	x)	9.87	9.87	9.87	9.87	9.87	9.87	9.77	9.97	Τ
2,4-D		8.97	8.97	8.97	8.97	8.97	8.97	8.87	9.07	T
2,4-DCAA		7.73	7.72	7.72	7.73	7.73	7.72	7.62	7.82	Т

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C D E F

CALIBRATION FACTOR OF INITIAL CALIBRATION

ontract:	TETR16								
ab Code:	CHEM	Case No.:	P4962	SAS No.:	P4962	SDG NO.:	P4962		
nstrument ID:	ECD_S			Calibration D	Calibration Date(s):		11/26/2024	11/26/2024	
				Calibration T	ìmes:	12:48	14:25		
GC Column:	RTX-CLP	II 		(mm) 28632.D	CF 500 =	PS028633.D]		
LAD FILL ID.									
CF 750 =	<u>= PS028634.D</u>	Cl	$F 1000 = \underline{PS02}$	28635.D	CF 1500 =	PS028636.D			
-	• <u>PS028634.D</u>	CF 200	F 1000 = PS02 CF 500	28635.D CF 750	CF 1500 = CF 1000	<u>PS028636.D</u> CF 1500	CF	% RSD	
CF 750 =		•				CF 1500	CF 18279800000		
CF 750 = COMPOUND		CF 200	CF 500	CF 750	CF 1000	CF 1500		RSD	



C D E F

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract:	TETR16							
ab Code:	CHEM	Case No.:	P4962	SAS No.:	P4962	SDG NO.:	P4962	
nstrument ID:	ECD_S			Calibration I Calibration 1	Calibration Date(s): <u>11/26/2024</u>			
GC Column:	RTX-CLP2	п): <u>0.32</u>	<u>(</u> mm)				
LAB FILE ID: CF 750 =	<u>PS028634.D</u>			28632.D 28635.D	CF 500 = CF 1500 =	<u>PS028633.D</u> <u>PS028636.D</u>		
COMPOUND		CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)		9649960000	9698620000	9598260000	9499290000	9266470000	9542520000	2
2,4-D		1782570000	1704130000	1676500000	1652880000	1638760000	1690970000	3
2,4-DCAA		1414130000	1352070000	1334210000	1323400000	1311340000	1347030000	3



CALIBRATION VERIFICATION SUMMARY

Contract:	TETR16						
Lab Code:	CHEM	Case No.:	P4962	SAS No.:	P4962	SDG	GNO.: <u>P4962</u>
Continuing Cal Continuing Cal		/2024	Initial Cali Initial Cali	<u>11/26/2024</u> 12:48		<u>11/26/2024</u> 14:25	
GC Column:	RTX-CLP		<u>ID: 0.32</u>	(mm)			
	COMPOUND		CCAL RT	AVG RT	RT WI FROM	NDOW TO	DIFF RT
	2,4-DCAA		7.23	7.23	7.13	7.33	0.00
	2,4-D		8.35	8.35	8.25	8.45	0.00
	2,4,5-TP(Silvex	()	9.23	9.23	9.13	9.33	0.00

С

D E F G



CALIBRATION VERIFICATION SUMMARY

Contract:	TETR16							
Lab Code:	СНЕМ	Case No.:	P4962	SAS No.:	P4962	SDC	G NO.: <u>P4962</u>	
Continuing Cal Continuing Cal		6/2024 1	Initial Calil	<u>11/26/2024</u> 12:48		<u>11/26/2024</u> 14:25		
GC Column:	RTX-CLP2		<u>ID: 0.32</u>	(mm)				
	СОМРО	UND	CCAL AVG RT RT		RT WINDOW FROM TO		DIFF RT	
	2,4-DCAA		7.72	7.72	7.62	7.82	0.00	
	2,4-D		8.97	8.97	8.87	9.07	0.00	
	2,4,5-TP(Silve	ex)	9.87	9.87	9.77	9.97	0.00	

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C D E F

CALIBRATION VERIFICATION SUMMARY

Contract:	TETR1	6							
Lab Code:	CHEM		Case No.:	P49	62	SAS No.	: P4962	SDG NO.:	P4962
GC Column:	RTX-C	LP	ID:	0.32	(mm)	Initi. Calib. I	Date(s): <u>11/26/2</u>	<u>024</u> <u>1</u>	1/26/2024
Client Sample	No.:	CCAL01				Date Anal	yzed: <u>11</u>	/26/2024	
Lab Sample No).:	HSTDCCC?	7 <u>50</u> Dat	a File :	<u>PS02863</u>	9.D	Time Analyze	ed: <u>16:0</u>	1
COMPOU	JND		RT		RT WIN FROM	DOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silve	ex)		9.2	27	9.128	9.328	708.020	712.50	0 -0.6
2,4-D			8.3	50	8.251	8.451	691.320	705.00	0 -1.9
2,4-DCAA			7.2	26	7.126	7.326	740.220	750.00	0 -1.3



C D E F

CALIBRATION VERIFICATION SUMMARY

Contract:	TETR1	6							
Lab Code:	CHEM		Case No.:	P49	962	SAS No.	: <u>P4962</u>	SDG NO.:	P4962
GC Column:	RTX-C	LP2	ID:	0.32	(mm)	Initi. Calib. I	Date(s): <u>11/26/2</u>	2024 1	1/26/2024
Client Sample I Lab Sample No		CCAL01 HSTDCCC	7 <u>50</u> Dat	ta File :	<u>PS02863</u>	Date Anal 39.D	yzed: <u>11</u> Time Analyze	./26/2024 ed: <u>16:0</u>	1
COMPOU	ND		RT		RT WIN FROM	DOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silve	ex)		9.8	373	9.773	9.973	720.270	712.50	0 1.1
2,4-D			8.9	968	8.869	9.069	700.640	705.00	-0.6
2,4-DCAA			7.7	724	7.624	7.824	743.470	750.00	-0.9



Contract:	TETR16							
Lab Code:	CHEM	Case No.:	P4962	SAS No.:	P4962	SDG	NO.: <u>P4962</u>	
Continuing Calib Date:11/26/2024Continuing Calib Time:20:49			- Initial Calil	<u>11/26/2024</u> 12:48		<u>11/26/2024</u> 14:25		
			-		12110			
GC Column:	RTX-CLP		<u>ID: 0.32</u>	(mm)			T	-
	СОМРО	UND	CCAL RT	AVG	RT WIN		DIFF	
	24 DCAA			RT 7.23	FROM 7.13	TO 7.33	RT 0.00	
	2,4-DCAA 2,4-D	2,4-DCAA		8.35	8.25	8.45	0.00	4
	2,4,5-TP(Silve	ex)	8.35 9.23	9.23	9.13	9.33	0.00	1

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Contract:	TETR16							
Lab Code:	CHEM	Case No.:	P4962	SAS No.:	P4962	SDC	G NO.: <u>P4962</u>	
Continuing Calib Date:11/26/2024Continuing Calib Time:20:49			_ Initial Calil	<u>11/26/2024</u> 12:48		<u>11/26/2024</u> 14:25		
GC Column:	RTX-CLP2		<u>ID: 0.32</u>	(mm)				
	СОМРО	DUND	CCAL RT	AVG RT	RT WIN FROM	NDOW TO	DIFF RT	
	2,4-DCAA		7.72	7.72	7.62	7.82	0.00	
	2,4-D		8.97	8.97	8.87	9.07	0.00	
	2,4,5-TP(Silv	ex)	9.87	9.87	9.77	9.97	0.00	

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С



C D E F

Contract:	TETR16								
Lab Code:	CHEM		Case No.:	P49	62	SAS No.	: <u>P4962</u>	SDG NO.:	P4962
GC Column: <u>RTX-CLP</u>				0.32	(mm)	Initi. Calib. I	Date(s): <u>11/26/2</u>	.024 1	1/26/2024
Client Sample I Lab Sample No	-	CCAL02 HSTDCCC7	50 Dat	a File :	PS02864	Date Anal 48.D	yzed: <u>11</u> Time Analyzo	/26/2024 ed: <u>20:4</u>	9
COMPOU	ND		RT		RT WIN FROM	NDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silve	ex)		9.2	28	9.128	9.328	707.630	712.50	-0.7
2,4-D			8.3	51	8.251	8.451	689.170	705.00	-2.2
2,4-DCAA			7.2	27	7.126	7.326	744.540	750.00	-0.7



C D E F

Contract:	TETR1	6							
Lab Code:	CHEM		Case No.:	<u>P4</u>	962	SAS No.	: <u>P4962</u>	SDG NO.:	P4962
GC Column: <u>RTX-CLP2</u>			ID:	0.32	(mm)	Initi. Calib. I	Date(s): <u>11/26/2</u>	024 1	1/26/2024
Client Sample I Lab Sample No		CCAL02 HSTDCCC	750 Da	ta File :	- 	Date Anal 18.D	yzed: <u>11</u> Time Analyze	/26/2024 ed: <u>20:4</u>)
COMPOU	IND		RT		RT WIN FROM	DOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silve	ex)		9.	872	9.773	9.973	727.030	712.50	0 2.0
2,4-D			8.9	968	8.869	9.069	711.090	705.00	0 0.9
2,4-DCAA			7.2	723	7.624	7.824	752.870	750.00	0 0.4



Contract:	TETR16						
Lab Code:	CHEM	Case No.:	P4962	SAS No.:	P4962	SDC	G NO.: <u>P4962</u>
Continuing Calib Date:11/26/2024Continuing Calib Time:23:37			 	<u>11/26/2024</u> 12:48		<u>11/26/2024</u> 14:25	
GC Column:	RTX-CLP	-	_	(mm)			
Ge commu.	KIA-CLI				IDOW	DIFE	
	COMPO	COMPOUND 2,4-DCAA		AVG RT	RT WIN FROM	TO	DIFF RT
	2,4-DCAA			7.23	7.13	7.33	0.00
	2,4-D		8.35	8.35	8.25	8.45	0.00
	2,4,5-TP(Silv	ex)	9.23	9.23	9.13	9.33	0.00

С



Contract:	TETR16							
Lab Code:	CHEM	Case No.:	P4962	SAS No.:	P4962	SDG	NO.: <u>P4962</u>	
Continuing Calib Date: <u>11/26/2024</u>			Initial Calil	11/26/2024		11/26/2024		
Continuing Cal	lib Time: <u>23</u>	3:37	Initial Calil	oration Time(s):	12:48		14:25	
GC Column:	RTX-CLP2		<u>ID: 0.32</u>	(mm)				
	COMI	POUND	CCAL RT	AVG RT	RT WIN FROM	DOW TO	DIFF RT]
	2,4-DCAA	2,4-DCAA		7.72	7.62	7.82	0.00	
	2,4-D		8.97	8.97	8.87	9.07	0.00]
	2,4,5-TP(Si	lvex)	9.87	9.87	9.77	9.97	0.00	1

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C D E F

Contract:	TETR1	6							
Lab Code:	CHEM		Case No.:	P49	62	SAS No.	: <u>P4962</u>	SDG NO.:	P4962
GC Column:	RTX-C	LP	ID:	0.32	(mm)	Initi. Calib. I	Date(s): <u>11/26/2</u>	024 1	1/26/2024
Client Sample	No.:	CCAL03				Date Anal	yzed: <u>11</u>	/26/2024	
Lab Sample No).:	HSTDCCC	750 Dat	a File :	PS0286	55.D	Time Analyze	ed: $23:3$	7
COMPOL	JND		RT		RT WIN FROM	DOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silve	ex)		9.2	28	9.128	9.328	712.830	712.50	0 0.0
2,4-D			8.3	51	8.251	8.451	693.910	705.00	0 -1.6
2,4-DCAA			7.2	26	7.126	7.326	734.170	750.00	0 -2.1



C D E F

Contract:	TETR1	6							
Lab Code:	CHEM		Case No.:	P49	62	SAS No.	: <u>P4962</u>	SDG NO.:	P4962
GC Column:	RTX-C	LP2	ID:	0.32	(mm)	Initi. Calib. I	Date(s): $11/26/2$	<u>024</u> <u>1</u> 1	1/26/2024
Client Sample I Lab Sample No		CCAL03 HSTDCCC	750 Dat	a File :	<u>PS02865</u>	Date Anal	yzed: <u>11</u> Time Analyze	/26/2024 ed: <u>23:3*</u>	7
СОМРОЦ	IND		RT		RT WIN FROM	DOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silve	ex)		9.8	71	9.773	9.973	729.110	712.50	0 2.3
2,4-D			8.9	68	8.869	9.069	715.560	705.00	0 1.5
2,4-DCAA			7.7	24	7.624	7.824	752.570	750.00	0 0.3



Analytical Sequence

Client: Tetra Tech, EMI		SDG No.: P4962
Project: R36767		Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm)	Inst. Calib. Date(s): 11/26/2024 11/26/2024

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	11/26/2024	12:24	PS028631.D	7.23	0.00
HSTDICC200	HSTDICC200	11/26/2024	12:48	PS028632.D	7.23	0.00
HSTDICC500	HSTDICC500	11/26/2024	13:13	PS028633.D	7.23	0.00
HSTDICC750	HSTDICC750	11/26/2024	13:37	PS028634.D	7.23	0.00
HSTDICC1000	HSTDICC1000	11/26/2024	14:01	PS028635.D	7.23	0.00
HSTDICC1500	HSTDICC1500	11/26/2024	14:25	PS028636.D	7.23	0.00
I.BLK	I.BLK	11/26/2024	15:37	PS028638.D	7.23	0.00
HSTDCCC750	HSTDCCC750	11/26/2024	16:01	PS028639.D	7.23	0.00
PB165273BL	PB165273BL	11/26/2024	19:13	PS028644.D	7.23	0.00
PB165273BS	PB165273BS	11/26/2024	19:37	PS028645.D	7.23	0.00
PB165159TB	PB165159TB	11/26/2024	20:01	PS028646.D	7.23	0.00
I.BLK	I.BLK	11/26/2024	20:25	PS028647.D	7.23	0.00
HSTDCCC750	HSTDCCC750	11/26/2024	20:49	PS028648.D	7.23	0.00
C0RB8MS	P4961-01MS	11/26/2024	21:37	PS028650.D	7.23	0.00
CORB8MSD	P4961-01MSD	11/26/2024	22:01	PS028651.D	7.23	0.00
C0NB8	P4962-01	11/26/2024	22:25	PS028652.D	7.23	0.00
I.BLK	I.BLK	11/26/2024	23:13	PS028654.D	7.23	0.00
HSTDCCC750	HSTDCCC750	11/26/2024	23:37	PS028655.D	7.23	0.00

5

D

G



Analytical Sequence

Client: Tetra Tech, EMI		SDG No.: P4962
Project: R36767		Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm)	Inst. Calib. Date(s): 11/26/2024 11/26/2024

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	11/26/2024	12:24	PS028631.D	7.72	0.00
HSTDICC200	HSTDICC200	11/26/2024	12:48	PS028632.D	7.73	0.00
HSTDICC500	HSTDICC500	11/26/2024	13:13	PS028633.D	7.72	0.00
HSTDICC750	HSTDICC750	11/26/2024	13:37	PS028634.D	7.72	0.00
HSTDICC1000	HSTDICC1000	11/26/2024	14:01	PS028635.D	7.73	0.00
HSTDICC1500	HSTDICC1500	11/26/2024	14:25	PS028636.D	7.73	0.00
I.BLK	I.BLK	11/26/2024	15:37	PS028638.D	7.72	0.00
HSTDCCC750	HSTDCCC750	11/26/2024	16:01	PS028639.D	7.72	0.00
PB165273BL	PB165273BL	11/26/2024	19:13	PS028644.D	7.72	0.00
PB165273BS	PB165273BS	11/26/2024	19:37	PS028645.D	7.72	0.00
PB165159TB	PB165159TB	11/26/2024	20:01	PS028646.D	7.72	0.00
I.BLK	I.BLK	11/26/2024	20:25	PS028647.D	7.72	0.00
HSTDCCC750	HSTDCCC750	11/26/2024	20:49	PS028648.D	7.72	0.00
C0RB8MS	P4961-01MS	11/26/2024	21:37	PS028650.D	7.72	0.00
C0RB8MSD	P4961-01MSD	11/26/2024	22:01	PS028651.D	7.72	0.00
C0NB8	P4962-01	11/26/2024	22:25	PS028652.D	7.72	0.00
I.BLK	I.BLK	11/26/2024	23:13	PS028654.D	7.72	0.00
HSTDCCC750	HSTDCCC750	11/26/2024	23:37	PS028655.D	7.72	0.00

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COMPOUND DETECTION SUMMARY

					CLIENT SAMPLE NO.	
					C0RB8MS	
Contract: TETR16						
Lab Code: CHEM	Case No.:	P4962	SAS No.:	P4962	SDG NO.: P4962	
Lab Sample ID: P4961-01MS			Date(s) A	nalyzed: <u>1</u> 1	1/26/2024 11/26/202	24
Instrument ID (1): ECD_S			Instrume	nt ID (2): <u>E</u>	CD_S	
GC Column: (1): <u>RTX-CLP</u> <u>ID: 0.32</u> (mm) GC Column:(2): <u>RTX-CLP2</u> <u>ID: 0.32</u> (m): 0.32 (mm
ANALYTE	COL	RT	RT WI FROM	NDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.35	8.30	8.40	46.0	
	2	8.97	8.92	9.02	46.4	0.9
2,4,5-TP(Silvex)	1	9.23	9.18	9.28	43.0	
	2	9.88	9.83	9.93	77.4	57.1

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COMPOUND DETECTION SUMMARY

					CLIENT SAMPLE NO. CORB8MSD	
Contract: <u>TETR16</u> Lab Code: CHEM	Case No.:	P4962	SAS No.:	P4962	SDG NO.: P4962	
Lab Sample ID:P4961-01MSDInstrument ID (1):ECD_S		Date(s) A Instrume	· · · · · · · · · · · · · · · · · · ·	1/26/2024 11/26/202 CD_S	4	
GC Column: (1): RTX-CLP		<u>ID:</u> 0.32 (mm) GC Colur	nn:(2): <u>RTX</u>	ID	: 0.32 (mr
ANALYTE	COL	RT	RT WI FROM	NDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.35	8.30	8.40	46.1	
	2	8.97	8.92	9.02	47.5	3
2,4,5-TP(Silvex)	1	9.23	9.18	9.28	43.4	
	2	9.88	9.83	9.93	78.2	57.2

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P4962



COMPOUND DETECTION SUMMARY

					CLIENT SAMPLE NO. PB165273BS	
Contract: TETR16 Lab Code: CHEM	Case No.:	P4962	SAS No.:	P4962	SDG NO.: P4962	
Lab Sample ID:PB165273BSInstrument ID (1):ECD_SGC Column: (1):RTX-CLP		ID: 0.32 (mm	Date(s) Analyzed: 11/26/2024 11/26/2024 Instrument ID (2): ECD_S n) GC Column:(2): RTX-CLP2 ID: 0.32 (m)			
ANALYTE	COL	RT	RT WII FROM	NDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.35	8.30	8.40	4.90	
	2	8.97	8.92	9.02	4.90	0
2,4,5-TP(Silvex)	1	9.23	9.18	9.28	4.70	
	2	9.87	9.82	9.92	4.70	0

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<u>SHIPPING</u> DOCUMENTS

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P4962

Page 1 of 1

USEPA CLP COC (LAB COPY)

DateShipped: 11/21/2024 CarrierName: FedEx

AirbillNo: 770121853734

CHAIN OF CUSTODY RECORD

DAS #: R36767 Cooler #:

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
CTCA-IDW-01	C0NB8	Soil/ START	Composite	TCLP HERB(21)	1063 (<6C) (1)	IDW-01	11/20/2024 17:15	
							-	

	Shipment for Case Complete? Y		
Special Instructions:	Samples Transferred From Chain of Custody #		
Analysis Key: TCLP HERB=Chlorinated Herbicides - TCLP			

Items/Reason Relinquisited by (Signature and Organization) Date/Time Received by (Signature and Organization) Date/Time Sample Condition Upon Receipt 2.9. 1005 III-22-24 1005 III-300 III-22-24 1005 III-300 III-300

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6.1

No: 3-112124-090646-0005



Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488