284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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ANALYTICAL RESULTS SUMMARY

GC SEMI-VOLATILES

PROJECT NAME : R36982

TETRA TECH, EMI

240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID : Q2667

ATTENTION : Ava Heiss

Laboratory Certification ID # 20012

Table Of Contents for Q2667

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Cover Page

Order ID : Q2667

Project ID : R36982

Client : Tetra Tech, EMI

Lab Sample Number	Client Sample Number
Q2667-01	C0AP2
Q2667-02	C0AP3

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:49 am, Aug 18, 2025

Date: 8/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech, EMI
Project Name: R36982
Project # N/A
Order ID # Q2667
Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 07/22/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: 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 #: 11324. The 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 were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2641-02MS} with File ID: PS031234.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)155% - 2,4,5-TP(Silvex)(2)153%] and [2,4-D(1)161% - 2,4-D(2)172%]due to matrix interference.

The MSD {Q2641-02MSD} with File ID: PS031235.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)148% - 2,4,5-TP(Silvex)(2)145%] and [2,4-D(1)152% - 2,4-D(2)162%]due to matrix interference.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
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:
This Data Package has been revised to correct Project Name and Client Name.

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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_____

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:49 am, Aug 18, 2025

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	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.
P	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".
N	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.
A	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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2667

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

QA Review Signature: SOHIL JODHANI **Date:** 08/18/2025

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LAB CHRONICLE

OrderID:	Q2667	**OrderDate:**	7/22/2025 11:01:14 AM
Client:	Tetra Tech, EMI	**Project:**	R36982
Contact:	Ava Heiss	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2667-01	**C0AP2**	**TCLP**			**07/21/25**			**07/22/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
Q2667-02	**C0AP3**	**TCLP**			**07/21/25**			**07/22/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2667 **Order ID:** Q2667

Client: Tetra Tech, EMI **Project ID:** R36982

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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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R36982	Date Received:	07/23/25
Client Sample ID:	PB168953TB	SDG No.:	Q2667
Lab Sample ID:	PB168953TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031240.D	1	07/23/25 11:45	07/24/25 21:29	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	579		61 - 136	116%	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:	Tetra Tech, EMI	Date Collected:	07/21/25
Project:	R36982	Date Received:	07/22/25
Client Sample ID:	C0AP2	SDG No.:	Q2667
Lab Sample ID:	Q2667-01	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031246.D	1	07/23/25 11:45	07/25/25 00:41	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	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
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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:	Tetra Tech, EMI	Date Collected:	07/21/25
Project:	R36982	Date Received:	07/22/25
Client Sample ID:	C0AP3	SDG No.:	Q2667
Lab Sample ID:	Q2667-02	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031247.D	1	07/23/25 11:45	07/25/25 01:05	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	483		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

QC SUMMARY

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Surrogate Summary

SDG No.: Q2667

Client: Tetra Tech, EMI

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031156.D	PIBLK-PS031156.D	2,4-DCAA	1	500	397	79		61	136
		2,4-DCAA	2	500	504	101		61	136
I.BLK-PS031232.D	PIBLK-PS031232.D	2,4-DCAA	1	500	412	82		61	136
		2,4-DCAA	2	500	491	98		61	136
Q2641-02MS	P001-CONCRETE001-01MS	2,4-DCAA	1	500	452	90		61	136
		2,4-DCAA	2	500	499	100		61	136
Q2641-02MSD	P001-CONCRETE001-01MSD	2,4-DCAA	1	500	418	84		61	136
		2,4-DCAA	2	500	463	93		61	136
PB169001BL	PB169001BL	2,4-DCAA	1	500	407	81		61	136
		2,4-DCAA	2	500	473	95		61	136
PB169001BS	PB169001BS	2,4-DCAA	1	500	488	98		61	136
		2,4-DCAA	2	500	501	100		61	136
PB168953TB	PB168953TB	2,4-DCAA	1	500	579	116		61	136
		2,4-DCAA	2	500	500	100		61	136
I.BLK-PS031242.D	PIBLK-PS031242.D	2,4-DCAA	1	500	422	84		61	136
		2,4-DCAA	2	500	498	100		61	136
Q2667-01	C0AP2	2,4-DCAA	1	500	429	86		61	136
		2,4-DCAA	2	500	487	97		61	136
Q2667-02	C0AP3	2,4-DCAA	1	500	403	81		61	136
		2,4-DCAA	2	500	483	97		61	136
I.BLK-PS031251.D	PIBLK-PS031251.D	2,4-DCAA	1	500	374	75		61	136
		2,4-DCAA	2	500	470	94		61	136

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2667 **Analytical Method:** 8151A

Client: Tetra Tech, EMI **DataFile :** PS031234.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2641-02MS (Column 1)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	80.3	ug/L	161	*			65	135	
	2,4,5-TP(Silvex)	50	0	77.7	ug/L	155	*			62	139	
Lab Sample ID:	**Q2641-02MS (Column 2)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	86.2	ug/L	172	*			65	135	
	2,4,5-TP(Silvex)	50	0	76.7	ug/L	153	*			62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2667 **Analytical Method:** 8151A

Client: Tetra Tech, EMI **DataFile :** PS031235.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2641-02MSD (Column 1)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	76.2	ug/L	152	*	6		65	135	20
	2,4,5-TP(Silvex)	50	0	73.8	ug/L	148	*	5		62	139	20
Lab Sample ID:	**Q2641-02MSD (Column 2)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	80.9	ug/L	162	*	6		65	135	20
	2,4,5-TP(Silvex)	50	0	72.7	ug/L	145	*	5		62	139	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2667 **Analytical Method:** 8151A

Client: Tetra Tech, EMI **Datafile :** PS031237.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169001BS (Column 1)	2,4-D	5	6.00	ug/L	120				83	130	
	2,4,5-TP(Silvex)	5	5.60	ug/L	112				78	127	
PB169001BS (Column 2)	2,4-D	5	5.50	ug/L	110				83	130	
	2,4,5-TP(Silvex)	5	5.30	ug/L	106				78	127	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169001BL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q2667

Lab Sample ID: PB169001BL Lab File ID: PS031236.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 07/23/2025

Date Analyzed (1): 07/24/2025 Date Analyzed (2): 07/24/2025

Time Analyzed (1): 19:52 Time Analyzed (2): 19:52

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
P001-CONCRETE001-01MS	Q2641-02MS	PS031234.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MSD	Q2641-02MSD	PS031235.D	07/24/2025	07/24/2025
PB169001BS	PB169001BS	PS031237.D	07/24/2025	07/24/2025
PB168953TB	PB168953TB	PS031240.D	07/24/2025	07/24/2025
C0AP2	Q2667-01	PS031246.D	07/25/2025	07/25/2025
C0AP3	Q2667-02	PS031247.D	07/25/2025	07/25/2025

COMMENTS:

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R36982	Date Received:	
Client Sample ID:	PB169001BL	SDG No.:	Q2667
Lab Sample ID:	PB169001BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031236.D	1	07/23/25 11:45	07/24/25 19:52	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	473		61 - 136	95%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	07/21/25
Project:	R36982	Date Received:	07/21/25
Client Sample ID:	PIBLK-PS031156.D	SDG No.:	Q2667
Lab Sample ID:	I.BLK-PS031156.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031156.D	1		07/21/25	ps072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	504		61 - 136	101%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	07/24/25
Project:	R36982	Date Received:	07/24/25
Client Sample ID:	PIBLK-PS031232.D	SDG No.:	Q2667
Lab Sample ID:	I.BLK-PS031232.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031232.D	1		07/24/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

Comments:

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

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	07/24/25
Project:	R36982	Date Received:	07/24/25
Client Sample ID:	PIBLK-PS031242.D	SDG No.:	Q2667
Lab Sample ID:	I.BLK-PS031242.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031242.D	1		07/24/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	498		61 - 136	100%	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:	Tetra Tech, EMI	Date Collected:	07/25/25
Project:	R36982	Date Received:	07/25/25
Client Sample ID:	PIBLK-PS031251.D	SDG No.:	Q2667
Lab Sample ID:	I.BLK-PS031251.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031251.D	1		07/25/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	470		61 - 136	94%	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:	Tetra Tech, EMI	Date Collected:	
Project:	R36982	Date Received:	
Client Sample ID:	PB169001BS	SDG No.:	Q2667
Lab Sample ID:	PB169001BS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031237.D	1	07/23/25 11:45	07/24/25 20:16	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	6.00		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.60		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	501		61 - 136	100%	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:	Tetra Tech, EMI	Date Collected:	07/16/25
Project:	R36982	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MS	SDG No.:	Q2667
Lab Sample ID:	Q2641-02MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031234.D	1	07/23/25 11:45	07/24/25 19:04	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	86.2		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	77.7		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	499		61 - 136	100%	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:	Tetra Tech, EMI	Date Collected:	07/16/25
Project:	R36982	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MSD	SDG No.:	Q2667
Lab Sample ID:	Q2641-02MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: 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:	Prep Date	Date Analyzed	Prep Batch ID
PS031235.D	1	07/23/25 11:45	07/24/25 19:28	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	80.9		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	73.8		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	463		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

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: TETR16
SDG NO.: Q2667
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID: RT 200 = PS031157.D RT 500 = PS031158.D
RT 750 = PS031159.D RT 1000 = PS031160.D RT 1500 = PS031161.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.34	9.34	9.34	9.34	9.34	9.34	9.24	9.44
2,4-D	8.46	8.46	8.46	8.46	8.46	8.46	8.36	8.56
2,4-DCAA	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: TETR16
SDG NO.: Q2667
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID: RT 200 = PS031157.D RT 500 = PS031158.D
RT 750 = PS031159.D RT 1000 = PS031160.D RT 1500 = PS031161.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
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	9.02	9.03	9.02	9.03	8.93	9.13
2,4-DCAA	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q2667
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID: CF 200 = PS031157.D CF 500 = PS031158.D
CF 750 = PS031159.D CF 1000 = PS031160.D CF 1500 = PS031161.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	24592600000	22780000000	21638700000	20857200000	19899400000	21953600000	8
2,4-D	4193860000	3820730000	3654460000	3552490000	3453030000	3734920000	8
2,4-DCAA	5091100000	4403340000	4248720000	4081100000	3917010000	4348250000	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q2667
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID: CF 200 = PS031157.D CF 500 = PS031158.D
CF 750 = PS031159.D CF 1000 = PS031160.D CF 1500 = PS031161.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16137400000	15454900000	14840900000	14348100000	13689700000	14894200000	6
2,4-D	1930260000	1742600000	1656200000	1604210000	1558320000	1698320000	9
2,4-DCAA	1147310000	1039810000	988394000	963101000	936229000	1014970000	8

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Instrument ID: _____ **Date(s) Analyzed:** _____ _____

GC Column: _____ **ID:** _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
		1				
		2				
		3				
		4				
		5				

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:39 **Initial Calibration Time(s):** 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:39 **Initial Calibration Time(s):** 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031233.D **Time Analyzed:** 18:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.335	9.242	9.442	689.480	712.500	-3.2
2,4-D	8.451	8.356	8.556	729.310	705.000	3.4
2,4-DCAA	7.319	7.225	7.425	666.340	750.000	-11.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031233.D **Time Analyzed:** 18:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.926	9.829	10.029	671.800	712.500	-5.7
2,4-D	9.021	8.924	9.124	696.610	705.000	-1.2
2,4-DCAA	7.764	7.666	7.866	693.770	750.000	-7.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 23:29 **Initial Calibration Time(s):** 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 23:29 **Initial Calibration Time(s):** 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.335	9.242	9.442	685.930	712.500	-3.7
2,4-D	8.451	8.356	8.556	727.900	705.000	3.2
2,4-DCAA	7.320	7.225	7.425	669.120	750.000	-10.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.926	9.829	10.029	666.400	712.500	-6.5
2,4-D	9.022	8.924	9.124	695.080	705.000	-1.4
2,4-DCAA	7.764	7.666	7.866	688.880	750.000	-8.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 03:54 **Initial Calibration Time(s):** 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 03:54 **Initial Calibration Time(s):** 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031252.D **Time Analyzed:** 03:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.336	9.242	9.442	649.880	712.500	-8.8
2,4-D	8.452	8.356	8.556	681.610	705.000	-3.3
2,4-DCAA	7.321	7.225	7.425	622.120	750.000	-17.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031252.D **Time Analyzed:** 03:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.928	9.829	10.029	653.600	712.500	-8.3
2,4-D	9.024	8.924	9.124	678.870	705.000	-3.7
2,4-DCAA	7.766	7.666	7.866	682.020	750.000	-9.1

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Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q2667

Project: R36982 **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

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	07/21/2025	14:38	PS031156.D	7.33	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.33	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.33	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.33	0.00
I.BLK	I.BLK	07/24/2025	17:27	PS031232.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.32	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.32	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.32	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.32	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.32	0.00
PB168953TB	PB168953TB	07/24/2025	21:29	PS031240.D	7.32	0.00
I.BLK	I.BLK	07/24/2025	22:17	PS031242.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.32	0.00
C0AP2	Q2667-01	07/25/2025	00:41	PS031246.D	7.32	0.00
C0AP3	Q2667-02	07/25/2025	01:05	PS031247.D	7.32	0.00
I.BLK	I.BLK	07/25/2025	02:42	PS031251.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	03:54	PS031252.D	7.32	0.00

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Fax : 908 789 8922

Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q2667

Project: R36982 **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

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	07/21/2025	14:38	PS031156.D	7.77	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.77	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.77	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.77	0.00
I.BLK	I.BLK	07/24/2025	17:27	PS031232.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.76	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.76	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.76	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.76	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.76	0.00
PB168953TB	PB168953TB	07/24/2025	21:29	PS031240.D	7.76	0.00
I.BLK	I.BLK	07/24/2025	22:17	PS031242.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.76	0.00
C0AP2	Q2667-01	07/25/2025	00:41	PS031246.D	7.77	0.00
C0AP3	Q2667-02	07/25/2025	01:05	PS031247.D	7.76	0.00
I.BLK	I.BLK	07/25/2025	02:42	PS031251.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	03:54	PS031252.D	7.77	0.00

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MS

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q2667

Lab Sample ID: Q2641-02MS

Date(s) Analyzed: 07/24/2025 07/24/2025

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
2,4-D	1	8.45	8.40	8.50	80.3	7.1
	2	9.02	8.97	9.07	86.2	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	77.7	1.3
	2	9.93	9.88	9.98	76.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MSD

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q2667

Lab Sample ID: Q2641-02MSD Date(s) Analyzed: 07/24/2025 07/24/2025

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
2,4-D	1	8.45	8.40	8.50	76.2	6
	2	9.02	8.97	9.07	80.9	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	73.8	1.5
	2	9.93	9.88	9.98	72.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169001BS

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q2667

Lab Sample ID: PB169001BS **Date(s) Analyzed:** 07/24/2025 07/24/2025

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
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	5.60	5.5
	2	9.93	9.88	9.98	5.30	
2,4-D	1	8.45	8.40	8.50	6.00	8.7
	2	9.02	8.97	9.07	5.50	

SHIPPING DOCUMENTS

Q26667

USEPA CLP COC (LAB COPY)
DateShipped: 7/21/2025
CarrierName: FedEx
AirbillNo: 882939154385

CHAIN OF CUSTODY RECORD

DAS #: R36982
Cooler #:

No: 3-072125-112325-0020
Lab: Alliance Technical Group
Lab Contact: Yazmeen Gomez
Lab Phone: 908-728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
RRE-IDW-01-20250721	C0AP2	Soil/ START	Composite	TCLP HERB (so)(21)	1192 (4 C) (1)	SSA IDW Drums	07/21/2025 13:25	
RRE-IDW-02-20250721	C0AP3	Soil/ START	Composite	TCLP HERB (so)(21)	1200 (4 C) (1)	SSA IDW Drums	07/21/2025 13:30	

Special Instructions:

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: TCLP HERB (so)=TCLP Herbicides (so)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Shipping	[signature] /START	7/21/25 14:00	[signature]	7-22-25 1018	3.7°C IL GUN #1
					custody seals intact
					Temp blk present

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