

ANALYTICAL RESULTS SUMMARY

GC SEMI-VOLATILES

PROJECT NAME: R36724

TETRA TECH, EMI

240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID: P4462

ATTENTION: Ava Heiss







Table Of Contents for P4462

| 1) Signature Page | 3 |
|-------------------------------------|----|
| 2) Case Narrative | 4 |
| 2.1) TCLP Herbicide- Case Narrative | 4 |
| 3) Qualifier Page | 6 |
| 4) QA Checklist | 7 |
| 5) TCLP Herbicide Data | 8 |
| 6) Shipping Document | 56 |
| 6.1) CHAIN OF CUSTODY | 57 |
| 6.2) Lab Certificate | 58 |
| 6.3) Sample Log-In Sheet | 59 |

P4462 **2 of 59**



Fax: 908 789 8922

Cover Page

Order ID: P4462

Project ID: R36724

Client: Tetra Tech, EMI

Lab Sample Number Client Sample Number

P4462-02 C0AL2

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 :

NYDOH CERTIFICATION NO - 11376

APPROVED
Nimisha Pandya QA/QC Supervisor Pandya , 11/4/2024, 1

NJDEP CERTIFICATION NO - 20012

P4462 **3 of 59**



CASE NARRATIVE

Tetra Tech, EMI Project Name: R36724

Project # N/A

Chemtech Project # P4462 Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:

1 Water sample was received on 10/19/2024.

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 WB-301-BOTMS [2,4-DCAA(1) - 28%, 2,4-DCAA(2) - 23%], WB-301-BOTMSD [2,4-DCAA(1) - 28%, 2 and4-DCAA(2) - 22%]due to matrix interference.

The Retention Times were acceptable for all samples.

The MS {P4397-06MS} with File ID: PS028042.D recoveries met the requirements for all compounds except for 2,4,5-TP(Silvex)[212%] due to matrix interference.

The MSD {P4397-06MSD} with File ID: PS028043.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[226%] 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.

P4462 **4 of 59**



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.

N. N. Pankya.



P4462 5 of 59



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. " $10~\mathrm{U}$ ". 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". |
| 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 |

6 of 59

Aliance TECHNICAL GROUP

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4462

| | 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 | ✓ |
| 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 | <u> </u> |
| 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 | <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 | ✓ |
| Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody | <u> </u> |
| 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? | <u> </u> |
| Was client requirement followed? | <u> </u> |
| Does the case narrative summarize all QC failure? | ' ' ' ' ' ' ' ' |
| All runlogs and manual integration are reviewed for requirements | <u></u> |
| All manual calculations and /or hand notations verified | <u> </u> |

QA Review Signature: SOHIL JODHANI Date: 11/04/2024

P4462 **7 of 59**



LAB CHRONICLE

OrderID: P4462 **OrderDate:** 10/21/2024 10:30:18 AM

Client:Tetra Tech, EMIProject:R36724Contact:Ava HeissLocation:K51

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|----------------|--------|-------------|-----------|-----------|----------|
| P4462-02 | C0AL2 | TCLP | | | 10/17/24 | | | 10/19/24 |
| | | | TCLP Herbicide | 8151A | | 10/24/24 | 10/24/24 | |

P4462 8 of 59



Fax: 908 789 8922

Hit Summary Sheet SW-846

SDG No.: P4462 Order ID: P4462

Client: Tetra Tech, EMI Project ID: R36724

Sample ID Client ID Matrix Parameter Concentration C MDL RDL Units

Client ID:

Total Concentration: 0.000

P4462 9 of 59



SAMPLE DATA

5

A

В

.

F

G

P4462 **10 of 59**

Decanted:



Analytical Method:

Prep Method:

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

% Solid:

0

Report of Analysis

Date Collected: Client: Tetra Tech, EMI 10/17/24 Project: Date Received: 10/19/24 R36724 Client Sample ID: C0AL2 SDG No.: P4462 Lab Sample ID: P4462-02 Matrix: **TCLP**

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:

SW8151A

8151A

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028045.D
 1
 10/24/24 11:28
 10/24/24 20:20
 PB164378

| CAS Number | Parameter | Conc. | Qualifie | r MDL | LOQ / CRQL | Units |
|------------|-------------------|-------|----------|----------|------------|----------|
| TARGETS | | | | | | |
| 94-75-7 | 2,4-D | 4.90 | U | 4.90 | 20.0 | ug/L |
| 93-72-1 | 2,4,5-TP (Silvex) | 4.50 | U | 4.50 | 20.0 | ug/L |
| SURROGATES | | | | | | |
| 19719-28-9 | 2,4-DCAA | 411 | | 39 - 175 | 82% | SPK: 500 |

Comments:

U = Not Detected

LOO = 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

P4462 11 of 59



Matrix:

TCLP

Report of Analysis

Client: Tetra Tech, EMI Date Collected:

Project: R36724 Date Received: 10/24/24

Client Sample ID: PB164336TB SDG No.: P4462

Analytical Method: SW8151A % 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:

PB164336TB

Prep Method: 8151A

Lab Sample ID:

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028074.D
 1
 10/24/24 11:28
 10/28/24 13:35
 PB164378

| CAS Number | Parameter | Conc. | Qualifi | er MDL | LOQ / CRQL | Units |
|------------|-------------------|-------|---------|----------|------------|----------|
| TARGETS | | | | | | |
| 94-75-7 | 2,4-D | 4.90 | U | 4.90 | 20.0 | ug/L |
| 93-72-1 | 2,4,5-TP (Silvex) | 4.50 | U | 4.50 | 20.0 | ug/L |
| SURROGATES | | | | | | |
| 19719-28-9 | 2,4-DCAA | 345 | | 39 - 175 | 69% | SPK: 500 |

Comments:

U = Not Detected

LOO = 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

P4462 **12 of 59**



QC SUMMARY

5

A

В

С

E

F

G

P4462 13 of 59



Surrogate Summary

SDG No.: P4462

Client: Tetra Tech, EMI

Analytical Method: 8151A

| | | | | | | Limits | | | |
|----------------|------------------|-----------|--------|-------|--------|--------|------|-----|------|
| ab Sample ID | Client ID | Parameter | Column | Spike | Result | Rec | Qual | Low | High |
| BLK-PS028007.D | PIBLK-PS028007.D | 2,4-DCAA | 1 | 500 | 489 | 98 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 461 | 92 | | 39 | 175 |
| BLK-PS028035.D | PIBLK-PS028035.D | 2,4-DCAA | 1 | 500 | 508 | 102 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 489 | 98 | | 39 | 175 |
| B164378BL | PB164378BL | 2,4-DCAA | 1 | 500 | 510 | 102 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 516 | 103 | | 39 | 175 |
| B164378BS | PB164378BS | 2,4-DCAA | 1 | 500 | 506 | 101 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 542 | 108 | | 39 | 175 |
| 4397-06MS | WB-301-BOTMS | 2,4-DCAA | 1 | 500 | 138 | 28 | * | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 114 | 23 | * | 39 | 175 |
| 4397-06MSD | WB-301-BOTMSD | 2,4-DCAA | 1 | 500 | 142 | 28 | * | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 111 | 22 | * | 39 | 175 |
| 4462-02 | C0AL2 | 2,4-DCAA | 1 | 500 | 411 | 82 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 366 | 73 | | 39 | 175 |
| BLK-PS028046.D | PIBLK-PS028046.D | 2,4-DCAA | 1 | 500 | 506 | 101 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 479 | 96 | | 39 | 175 |
| BLK-PS028071.D | PIBLK-PS028071.D | 2,4-DCAA | 1 | 500 | 501 | 100 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 483 | 97 | | 39 | 175 |
| B164336TB | PB164336TB | 2,4-DCAA | 1 | 500 | 345 | 69 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 287 | 57 | | 39 | 175 |
| BLK-PS028075.D | PIBLK-PS028075.D | 2,4-DCAA | 1 | 500 | 508 | 102 | | 39 | 175 |
| | | 2,4-DCAA | 2 | 500 | 418 | 84 | | 39 | 175 |

P4462 **14 of 59**



Fax: 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4462

Client: Tetra Tech, EMI

Analytical Method: 8151A DataFile: PS028042.D

Sample Rec RPD Limits RPD Lab Sample ID: Parameter Spike Result Result Units Rec Qual RPD Qual Low High WB-301-BOTMS **Client Sample ID:** P4397-06MS 2,4-D 50 0 55.2 ug/L 110 65 135 2,4,5-TP(Silvex) 50 0 106 ug/L 212 62 139

P4462 **15 of 59**



Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4462

Client: Tetra Tech, EMI

Analytical Method: 8151A DataFile: PS028043.D

RPD Sample Rec Limits RPD Lab Sample ID: Parameter Spike Result Result Units Rec Qual RPD Qual Low High WB-301-BOTMSD **Client Sample ID:** 65 P4397-06MSD 2,4-D 50 0 56.6 ug/L 113 3 135 20 2,4,5-TP(Silvex) 50 0 113 ug/L 226 6 62 139 20

P4462 **16 of 59**





Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4462

Client: Tetra Tech, EMI

Analytical Method: 8151A Datafile: PS028038.D

| | | | | | | | | RPD | | Limits | | E |
|---------------|------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|---|
| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | Qual | Low | High | RPD | F |
| PB164378BS | 2,4-D | 5 | 5.00 | ug/L | 100 | | | | 83 | 130 | | |
| | 2,4,5-TP(Silvex) | 5 | 5.40 | ug/L | 108 | | | | 78 | 127 | | |

P4462 **17 of 59**



4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164378BL

Lab Name: CHEMTECH Contract: TETR16

Lab Sample ID: PB164378BL Lab File ID: PS028037.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 10/24/2024

Date Analyzed (1): 10/24/2024 Date Analyzed (2): 10/24/2024

Time Analyzed (1): 17:09 Time Analyzed (2): 17:09

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 | LAB | LAB | DATE | DATE |
|---------------|-------------|------------|------------|------------|
| SAMPLE NO. | SAMPLE ID | FILE ID | ANALYZED 1 | ANALYZED 2 |
| PB164378BS | PB164378BS | PS028038.D | 10/24/2024 | 10/24/2024 |
| WB-301-BOTMS | P4397-06MS | PS028042.D | 10/24/2024 | 10/24/2024 |
| WB-301-BOTMSD | P4397-06MSD | PS028043.D | 10/24/2024 | 10/24/2024 |
| C0AL2 | P4462-02 | PS028045.D | 10/24/2024 | 10/24/2024 |
| PB164336TB | PB164336TB | PS028074.D | 10/28/2024 | 10/28/2024 |

| COMMENTS: | | |
|-----------|--|--|
| | | |
| | | |



QC SAMPLE DATA

5

Α

В

С

_

F

G

P4462 19 of 59



Report of Analysis

Client: Tetra Tech, EMI Date Collected:

Project: R36724 Date Received:

Client Sample ID: PB164378BL SDG No.: P4462

Lab Sample ID: PB164378BL Matrix: TCLP

Analytical Method: SW8151A % 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

 PS028037.D
 1
 10/24/24 11:28
 10/24/24 17:09
 PB164378

| CAS Number | Parameter | Conc. | Qualifi | er 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 | 516 | | 39 - 175 | 103% | SPK: 500 |

Comments:

U = Not Detected

LOO = 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

P4462 **20 of 59**









10/23/24

Report of Analysis

Client: Tetra Tech, EMI Date Collected:

Project: R36724 Date Received: 10/23/24

Client Sample ID: PIBLK-PS028007.D SDG No.: P4462

Lab Sample ID: I.BLK-PS028007.D Matrix: TCLP

Analytical Method: SW8151A % 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
PS028007.D 1 10/23/24 PS102324

| 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 | 489 | | 39 - 175 | 98% | 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

P4462 **21 of 59**



Date Collected:

Date Received:

SDG No.:

Matrix:

% Solid:

Final Vol:

Injection Volume:

10/24/24

10/24/24

P4462

TCLP

10000

Decanted:

иL

Report of Analysis

Client: Tetra Tech, EMI

Project: R36724

Client Sample ID: PIBLK-PS028035.D

Lab Sample ID: I.BLK-PS028035.D

Analytical Method: SW8151A

Sample Wt/Vol: 1000 Units: mL

Soil Aliquot Vol: uL Test: TCLP Herbicide

Extraction Type:

GPC Factor: 1.0 PH:

Prep Method: SW3510C

File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID
PS028035.D 1 10/24/24 PS102424

| CAS Number | Parameter | Conc. | Qualifie | r 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

LOO = 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

P4462 **22 of 59**



Report of Analysis

Client: Tetra Tech, EMI Date Collected: 10/24/24

Project: R36724 Date Received: 10/24/24

TCLP

Client Sample ID: PIBLK-PS028046.D SDG No.: P4462

Lab Sample ID: I.BLK-PS028046.D

Analytical Method: SW8151A % Solid:

Decanted:

Sample Wt/Vol: 1000

Units: mL Final Vol:

0

Soil Aliquot Vol:

Matrix:

10000 иL

uL

Test: TCLP Herbicide

Extraction Type:

PH:

Injection Volume:

GPC Factor: Prep Method:

File ID/Qc Batch:

1.0

SW3510C

Dilution:

Prep Date

Date Analyzed

Prep Batch ID

PS028046.D

10/24/24

PS102424

| 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 | 506 | | 39 - 175 | 101% | SPK: 500 |

Comments:

U = Not Detected

LOO = 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

23 of 59 P4462



Final Vol:

10000

иL

Report of Analysis

Client: Tetra Tech, EMI Date Collected: 10/28/24

Project: R36724 Date Received: 10/28/24

Client Sample ID: PIBLK-PS028071.D SDG No.: P4462

Lab Sample ID: I.BLK-PS028071.D Matrix: TCLP

Analytical Method: SW8151A % Solid: 0 Decanted:

Soil Aliquot Vol: uL Test: TCLP Herbicide

Extraction Type: Injection Volume:

GPC Factor: 1.0 PH:

mL

Units:

Prep Method: SW3510C

1000

Sample Wt/Vol:

File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID
PS028071.D 1 10/28/24 PS102824

| 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 | 501 | | 39 - 175 | 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

P4462 **24 of 59**



Report of Analysis

Client: Tetra Tech, EMI Date Collected: 10/28/24

Project: R36724 Date Received: 10/28/24

Client Sample ID: PIBLK-PS028075.D SDG No.: P4462

Lab Sample ID: I.BLK-PS028075.D Matrix: TCLP

Analytical Method: SW8151A % 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:

SW3510C

Prep Method:

File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID

PS028075.D 1 10/28/24 PS102824

| 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

LOO = 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

P4462 **25 of 59**



Report of Analysis

Client: Tetra Tech, EMI Date Collected:

Project: R36724 Date Received:

Client Sample ID: PB164378BS SDG No.: P4462

Lab Sample ID: PB164378BS Matrix: TCLP

Analytical Method: SW8151A % 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

 PS028038.D
 1
 10/24/24 11:28
 10/24/24 17:33
 PB164378

| CAS Number | Parameter | Conc. | Qualifier MDL | LOQ / CRQL | Units |
|------------|-------------------|-------|---------------|------------|----------|
| TARGETS | | | | | |
| 94-75-7 | 2,4-D | 5.00 | 0.49 | 2.00 | ug/L |
| 93-72-1 | 2,4,5-TP (Silvex) | 5.40 | 0.45 | 2.00 | ug/L |
| SURROGATES | | | | | |
| 19719-28-9 | 2,4-DCAA | 542 | 39 - 175 | 108% | SPK: 500 |

Comments:

U = Not Detected

LOO = 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

P4462 **26 of 59**



Report of Analysis

Date Collected: Client: Tetra Tech, EMI 10/10/24 Project: Date Received: R36724 10/11/24 Client Sample ID: WB-301-BOTMS SDG No.: P4462 Lab Sample ID: P4397-06MS Matrix: **TCLP**

% Solid: Decanted: Analytical Method: SW8151A 0 Sample Wt/Vol: 100 Units: Final Vol: 10000 иL

Soil Aliquot Vol: uL Test: TCLP Herbicide

Extraction Type: Injection Volume:

PH: GPC Factor: 1.0

SW3510C

Prep Method:

File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID

PS028042.D 10/24/24 11:28 10/24/24 19:09 PB164378

| CAS Number | Parameter | Conc. | Qualifie | r MDL | LOQ / CRQL | Units |
|------------|-------------------|-------|----------|----------|------------|----------|
| TARGETS | | | | | | |
| 94-75-7 | 2,4-D | 55.2 | | 4.90 | 20.0 | ug/L |
| 93-72-1 | 2,4,5-TP (Silvex) | 106 | P | 4.50 | 20.0 | ug/L |
| SURROGATES | | | | | | |
| 19719-28-9 | 2,4-DCAA | 138 | * | 39 - 175 | 28% | SPK: 500 |

Comments:

U = Not Detected

LOO = 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

P4462



Date Collected:

Date Received:

Injection Volume:

SDG No.:

Matrix:

% Solid:

10/10/24

10/11/24

P4462

TCLP

10000

Decanted:

иL

Report of Analysis

Client: Tetra Tech, EMI

Project: R36724

Client Sample ID: WB-301-BOTMSD

Lab Sample ID: P4397-06MSD

Analytical Method: SW8151A

Sample Wt/Vol: 100 Units: mL Final Vol:

Soil Aliquot Vol: uL Test: TCLP Herbicide

Extraction Type:

GPC Factor: 1.0 PH:

Prep Method: SW3510C

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028043.D
 1
 10/24/24 11:28
 10/24/24 19:32
 PB164378

| CAS Number | Parameter | Conc. | Qualifie | er MDL | LOQ / CRQL | Units |
|------------|-------------------|-------|----------|----------|------------|----------|
| TARGETS | | | | | | |
| 94-75-7 | 2,4-D | 56.6 | | 4.90 | 20.0 | ug/L |
| 93-72-1 | 2,4,5-TP (Silvex) | 113 | P | 4.50 | 20.0 | ug/L |
| SURROGATES | | | | | | |
| 19719-28-9 | 2,4-DCAA | 142 | * | 39 - 175 | 28% | SPK: 500 |

Comments:

U = Not Detected

LOO = 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

P4462 **28 of 59**



CALIBRATION SUMMARY

5

Α

В

С

Е

F

G

P4462

29 of 59



RETENTION TIMES OF INITIAL CALIBRATION

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Instrument ID: ECD_S Calibration Date(s): 10/23/2024 10/23/2024

Calibration Times: 11:28 13:04

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

| LAB FILE ID: | RT | $200 = \underline{PS}$ | 2S028008.D | RT 500 = | PS028009.D |
|---------------------------|----------------|------------------------|------------|-----------|------------|
| $RT 750 = \underline{PS}$ | 8028010.D RT 1 | 1000 = <u>PS</u> | S028011.D | RT 1500 = | PS028012.D |

| COMPOUND | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN RT | RT WIN | DOW TO |
|------------------|--------|--------|--------|---------|---------|------------|--------|-----------|
| 2,4,5-TP(Silvex) | 9.03 | 9.03 | 9.03 | 9.03 | 9.03 | 9.03 | 8.93 | 9.13 |
| 2,4-D | 8.18 | 8.18 | 8.18 | 8.18 | 8.18 | 8.18 | 8.08 | 8.28 |
| 2,4-DCAA | 7.09 | 7.09 | 7.09 | 7.09 | 7.09 | 7.09 | 6.99 | 7.19 |

P4462 **30 of 59**



RETENTION TIMES OF INITIAL CALIBRATION

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Instrument ID: ECD_S Calibration Date(s): 10/23/2024 10/23/2024

Calibration Times: 11:28 13:04

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

| LAB FILE ID: | | RT 200 = | PS028008.D | RT 500 = | PS028009.D | |
|--------------|------------|-----------|------------|-----------|------------|--|
| RT 750 = | PS028010.D | RT 1000 = | PS028011.D | RT 1500 = | PS028012.D | |

| COMPOUND | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN RT | RT WIN | NDOW TO |
|------------------|--------|--------|--------|---------|---------|------------|--------|------------|
| 2,4,5-TP(Silvex) | 9.73 | 9.73 | 9.73 | 9.73 | 9.72 | 9.73 | 9.63 | 9.83 |
| 2,4-D | 8.84 | 8.84 | 8.84 | 8.84 | 8.84 | 8.84 | 8.74 | 8.94 |
| 2,4-DCAA | 7.61 | 7.62 | 7.61 | 7.62 | 7.61 | 7.61 | 7.51 | 7.71 |

P4462 **31 of 59**



CALIBRATION FACTOR OF INITIAL CALIBRATION

| Contract: | TETR16 | |
|-----------|--------|--|
| | • | |
| | | |

 Lab Code:
 CHEM
 Case No.:
 P4462
 SAS No.:
 P4462
 SDG NO.:
 P4462

Instrument ID: <u>ECD_S</u> Calibration Date(s): 10/23/2024 10/23/2024

Calibration Times: 11:28 13:04

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

| LAB FILE ID: CF 750 = <u>PS028010.I</u> | | | 28008.D 28011.D | | PS028009.D PS028012.D | | |
|--|-------------|-------------|--------------------|-------------|--------------------------|-------------|----------|
| COMPOUND | CF 200 | CF 500 | CF 750 | CF 1000 | CF 1500 | CF | % RSD |
| 2,4,5-TP(Silvex) | 19584000000 | 16293000000 | 15358800000 | 15287500000 | 14230600000 | 16150800000 | 13 |
| 2,4-D | 4140980000 | 3388880000 | 3183890000 | 3192570000 | 3036110000 | 3388490000 | 13 |
| 2,4-DCAA | 3343560000 | 2711910000 | 2549070000 | 2475610000 | 2404680000 | 2696970000 | 14 |

P4462 **32 of 59**



ECD_S

Instrument ID:

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

| Contract: | TETR16 | | | | |
|-----------|--------|-----|-------|-------|-------|
| I -b C-J | CHEM | C N | D4463 | CACN- | D4462 |

 Lab Code:
 CHEM
 Case No.:
 P4462
 SAS No.:
 P4462
 SDG NO.:
 P4462

Calibration Date(s): 10/23/2024 10/23/2024

Calibration Times: 11:28 13:04

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

| LAB FILE ID: CF 750 = PS028010.I | | | 28008.D 28011.D | | PS028009.D PS028012.D | | |
|-----------------------------------|------------|------------|--------------------|------------|--------------------------|------------|----------|
| COMPOUND | CF 200 | CF 500 | CF 750 | CF 1000 | CF 1500 | CF | % RSD |
| 2,4,5-TP(Silvex) | 4575720000 | 4585960000 | 4376840000 | 4595510000 | 4689140000 | 4564630000 | 3 |
| 2,4-D | 1125240000 | 990045000 | 959343000 | 966564000 | 944531000 | 997145000 | 7 |
| 2,4-DCAA | 1149150000 | 929743000 | 912345000 | 889645000 | 862510000 | 948678000 | 12 |

P4462 **33 of 59**



INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

| Contract: | TETR16 | | | | | | | | | | | | |
|----------------|--------|--|-----------|---|-------|---|----------------|-------------|---|----------|-------|--|--|
| Lab Code: | СНЕМ | | Case No.: | | P4462 | | SAS No.: | <u>P446</u> | 2 | SDG NO.: | P4462 | | |
| Instrument ID: | _ | | | | - | | Date(s) Analyz | æd: | | | | | |
| GC Column: | | | ID: | _ | (mm) |) | | | | | | | |

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

P4462 **34 of 59**



CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Continuing Calib Date: 10/24/2024 Initial Calibration Date(s): 10/23/2024 10/23/2024

Continuing Calib Time: 11:25 Initial Calibration Time(s): 11:28 13:04

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

| COMPOUND | CCAL | AVG | RT WI | DIFF | |
|------------------|------|------|-------|------|------|
| COMICCIA | RT | RT | FROM | TO | RT |
| 2,4-DCAA | 7.09 | 7.09 | 6.99 | 7.19 | 0.00 |
| 2,4-D | 8.18 | 8.18 | 8.08 | 8.28 | 0.00 |
| 2,4,5-TP(Silvex) | 9.03 | 9.03 | 8.93 | 9.13 | 0.00 |

P4462 **35 of 59**



Continuing Calib Time:

GC Column:

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

CALIBRATION VERIFICATION SUMMARY

TETR16 **Contract:**

RTX-CLP2

Lab Code: **CHEM** P4462 SAS No.: P4462 SDG NO.: P4462 Case No.:

0.32

ID:

10/23/2024 10/23/2024 **Continuing Calib Date:** 10/24/2024 **Initial Calibration Date(s):** 11:25 11:28 13:04

Initial Calibration Time(s):

(mm)

| COMPOUND | CCAL RT | AVG RT | RT WII | NDOW TO | DIFF RT |
|------------------|------------|-----------|--------|------------|------------|
| 2,4-DCAA | 7.61 | 7.61 | 7.51 | 7.71 | 0.00 |
| 2,4-D | 8.84 | 8.84 | 8.74 | 8.94 | 0.00 |
| 2,4,5-TP(Silvex) | 9.73 | 9.73 | 9.63 | 9.83 | 0.00 |

P4462 36 of 59





Contract:

CALIBRATION VERIFICATION SUMMARY

| Lab Code: | CHEM | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 | |
|-----------|------|-----------|-------|----------|-------|----------|-------|--|

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 10/23/2024 10/23/2024

Client Sample No.: CCAL01 Date Analyzed: 10/24/2024

Lab Sample No.: HSTDCCC750 Data File: PS028036.D Time Analyzed: 11:25

| COMPOUND | RT | RT WIN FROM | TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|------------------|-------|----------------|-------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.028 | 8.929 | 9.129 | 684.860 | 712.500 | -3.9 |
| 2,4-D | 8.176 | 8.077 | 8.277 | 665.580 | 705.000 | -5.6 |
| 2,4-DCAA | 7.091 | 6.991 | 7.191 | 709.960 | 750.000 | -5.3 |

P4462 **37 of 59**





Contract:

CALIBRATION VERIFICATION SUMMARY

| | CHEM | C N | D4462 | CACN | D4463 | CDC NO | D4462 |
|-----------|------|-----------|-------|----------|-------|----------|-------|
| Lab Code: | CHEM | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 |

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/23/2024 10/23/2024

Client Sample No.: CCAL01 Date Analyzed: 10/24/2024

Lab Sample No.: HSTDCCC750 Data File: PS028036.D Time Analyzed: 11:25

| COMPOUND | RT | RT WIN | DOW | CALC | NOM | %D |
|------------------|-------|--------|-------|------------|------------|------|
| COMPOUND | Ki | FROM | ТО | AMOUNT(ng) | AMOUNT(ng) | /0D |
| 2,4,5-TP(Silvex) | 9.725 | 9.625 | 9.825 | 736.810 | 712.500 | 3.4 |
| 2,4-D | 8.835 | 8.737 | 8.937 | 709.890 | 705.000 | 0.7 |
| 2,4-DCAA | 7.613 | 7.514 | 7.714 | 733.180 | 750.000 | -2.2 |

P4462 **38 of 59**



CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Continuing Calib Date: 10/24/2024 Initial Calibration Date(s): 10/23/2024 10/23/2024

Continuing Calib Time: 21:08 Initial Calibration Time(s): 11:28 13:04

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

| COMPOUND | CCAL RT | AVG RT | RT WII | NDOW TO | DIFF RT |
|------------------|------------|-----------|--------|------------|------------|
| 2,4-DCAA | 7.09 | 7.09 | 6.99 | 7.19 | 0.00 |
| 2,4-D | 8.18 | 8.18 | 8.08 | 8.28 | 0.00 |
| 2,4,5-TP(Silvex) | 9.03 | 9.03 | 8.93 | 9.13 | 0.00 |

P4462 **39 of 59**



CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Continuing Calib Date: 10/24/2024 Initial Calibration Date(s): 10/23/2024 10/23/2024

Continuing Calib Time: 21:08 Initial Calibration Time(s): 11:28 13:04

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

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM TO | | DIFF RT |
|------------------|------------|-----------|----------------------|------|------------|
| 2,4-DCAA | 7.61 | 7.61 | 7.51 | 7.71 | 0.00 |
| 2,4-D | 8.83 | 8.84 | 8.74 | 8.94 | 0.01 |
| 2,4,5-TP(Silvex) | 9.72 | 9.73 | 9.63 | 9.83 | 0.01 |

P4462 **40 of 59**





Contract:

CALIBRATION VERIFICATION SUMMARY

| | | | <u> </u> | | | | |
|-----------|------|-----------|----------|----------|-------|----------|-------|
| Lab Code: | CHEM | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 |
| | | | | | - | | |

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 10/23/2024 10/23/2024

Client Sample No.: CCAL02 Date Analyzed: 10/24/2024

Lab Sample No.: HSTDCCC750 Data File: PS028047.D Time Analyzed: 21:08

| COMPOUND | RT | RT WIN | DOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|------------------|-------|--------|-----------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.027 | 8.929 | 9.129 | 693.140 | , 0, | -2.7 |
| 2,4-D | 8.176 | 8.077 | 8.277 | 681.790 | 705.000 | -3.3 |
| 2,4-DCAA | 7.090 | 6.991 | 7.191 | 722.190 | 750.000 | -3.7 |

P4462 **41 of 59**



CALIBRATION VERIFICATION SUMMARY

| Contract: | TETR16 | | | | | | | |
|------------|----------|-----------|-----------|------------------------|------------|----------|------------|--|
| Lab Code: | СНЕМ | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 | |
| GC Column: | RTX-CLP2 | ID: | 0.32 (mm) | Initi. Calib. Date(s): | 10/23/2024 | 1 | 10/23/2024 | |

Client Sample No.: CCAL02 Date Analyzed: 10/24/2024

Lab Sample No.: HSTDCCC750 Data File: PS028047.D Time Analyzed: 21:08

| COMPOUND | RT | RT WIN FROM | DOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|------------------|-------|----------------|-----------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.723 | 9.625 | 9.825 | 791.420 | 712.500 | 11.1 |
| 2,4-D | 8.833 | 8.737 | 8.937 | 737.820 | 705.000 | 4.7 |
| 2,4-DCAA | 7.612 | 7.514 | 7.714 | 784.260 | 750.000 | 4.6 |

P4462 **42 of 59**



Continuing Calib Time:

P4462

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

11:28

13:04

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

10:32

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Continuing Calib Date: 10/28/2024 Initial Calibration Date(s): 10/23/2024 10/23/2024

Initial Calibration Time(s):

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

| COMPOUND | CCAL RT | AVG RT | RT WII | NDOW I to | DIFF RT |
|------------------|------------|-----------|--------|--------------|------------|
| 2,4-DCAA | 7.09 | 7.09 | 6.99 | 7.19 | 0.00 |
| 2,4-D | 8.17 | 8.18 | 8.08 | 8.28 | 0.01 |
| 2,4,5-TP(Silvex) | 9.03 | 9.03 | 8.93 | 9.13 | 0.01 |

43 of 59

Δ

D

F

G

Н



Continuing Calib Time:

P4462

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

CALIBRATION VERIFICATION SUMMARY

TETR16 **Contract:**

10:32

Lab Code: **CHEM** P4462 SAS No.: P4462 SDG NO.: P4462 Case No.:

10/28/2024 10/23/2024 10/23/2024 **Continuing Calib Date: Initial Calibration Date(s):**

Initial Calibration Time(s):

(mm)

GC Column: RTX-CLP2 ID: 0.32

| COMPOUND | CCAL RT | AVG RT | RT WII FROM | NDOW TO | DIFF RT |
|------------------|------------|-----------|----------------|------------|------------|
| 2,4-DCAA | 7.61 | 7.61 | 7.51 | 7.71 | 0.00 |
| 2,4-D | 8.83 | 8.84 | 8.74 | 8.94 | 0.01 |
| 2,4,5-TP(Silvex) | 9.72 | 9.73 | 9.63 | 9.83 | 0.01 |

44 of 59

Fax: 908 789 8922

11:28

13:04





Contract:

CALIBRATION VERIFICATION SUMMARY

| Lab Code: | CHEM | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 | |
|-----------|------|-----------|-------|----------|-------|----------|-------|--|

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 10/23/2024 10/23/2024

Client Sample No.: CCAL03 Date Analyzed: 10/28/2024

Lab Sample No.: HSTDCCC750 Data File: PS028072.D Time Analyzed: 10:32

| COMPOUND | RT | RT WIN FROM | DOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|------------------|-------|----------------|-----------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.025 | 8.929 | 9.129 | 699.070 | 712.500 | -1.9 |
| 2,4-D | 8.173 | 8.077 | 8.277 | 675.860 | 705.000 | -4.1 |
| 2,4-DCAA | 7.088 | 6.991 | 7.191 | 727.270 | 750.000 | -3.0 |

P4462 **45 of 59**





CALIBRATION VERIFICATION SUMMARY

| Contract: | TETR16 | | | | | | |
|------------|----------|-----------|------------------|------------------------|------------|----------|------------|
| Lab Code: | СНЕМ | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 |
| GC Column: | RTX-CLP2 | ID: | <u>0.32</u> (mm) | Initi. Calib. Date(s): | 10/23/2024 | <u> </u> | 10/23/2024 |

Client Sample No.: CCAL03 Date Analyzed: 10/28/2024

Lab Sample No.: HSTDCCC750 Data File: PS028072.D Time Analyzed: 10:32

| COMPOUND | RT | RT WIN | | CALC | NOM AMOUNT(** ->) | %D |
|------------------|-------|--------|-------|------------|----------------------|------|
| | | FROM | TO | AMOUNT(ng) | AMOUNT(ng) | |
| 2,4,5-TP(Silvex) | 9.719 | 9.625 | 9.825 | 764.520 | 712.500 | 7.3 |
| 2,4-D | 8.832 | 8.737 | 8.937 | 690.400 | 705.000 | -2.1 |
| 2,4-DCAA | 7.609 | 7.514 | 7.714 | 754.150 | 750.000 | 0.6 |

P4462 **46 of 59**



CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Continuing Calib Date: 10/28/2024 Initial Calibration Date(s): 10/23/2024 10/23/2024

Continuing Calib Time: 17:17 Initial Calibration Time(s): 11:28 13:04

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

| COMPOUND | CCAL | AVG | RT WI | NDOW | DIFF |
|------------------|------|------|-------|------|------|
| COMPOUND | RT | RT | FROM | ТО | RT |
| 2,4-DCAA | 7.09 | 7.09 | 6.99 | 7.19 | 0.00 |
| 2,4-D | 8.18 | 8.18 | 8.08 | 8.28 | 0.00 |
| 2,4,5-TP(Silvex) | 9.03 | 9.03 | 8.93 | 9.13 | 0.00 |

P4462 **47 of 59**



CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Continuing Calib Date: 10/28/2024 Initial Calibration Date(s): 10/23/2024 10/23/2024

Continuing Calib Time: 17:17 Initial Calibration Time(s): 11:28 13:04

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

| COMPOUND | CCAL | AVG | RT WI | NDOW | DIFF |
|------------------|------|------|------------|------|------|
| COMPOUND | RT | RT | RT FROM TO | | RT |
| 2,4-DCAA | 7.61 | 7.61 | 7.51 | 7.71 | 0.00 |
| 2,4-D | 8.83 | 8.84 | 8.74 | 8.94 | 0.01 |
| 2,4,5-TP(Silvex) | 9.72 | 9.73 | 9.63 | 9.83 | 0.01 |

P4462 **48 of 59**





CALIBRATION VERIFICATION SUMMARY

| Contract: | TETR16 | | | | | | |
|------------|---------|-----------|------------------|------------------------|------------|--|------------|
| Lab Code: | СНЕМ | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 |
| GC Column: | RTX-CLP | ID: | <u>0.32</u> (mm) | Initi. Calib. Date(s): | 10/23/2024 | <u>. </u> | 10/23/2024 |

Client Sample No.: CCAL04 Date Analyzed: 10/28/2024

Lab Sample No.: HSTDCCC750 Data File: PS028076.D Time Analyzed: 17:17

| COMPOUND | RT | RT WIN FROM | DOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|------------------|-------|----------------|-----------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.029 | 8.929 | 9.129 | 715.650 | 712.500 | 0.4 |
| 2,4-D | 8.176 | 8.077 | 8.277 | 699.590 | 705.000 | -0.8 |
| 2,4-DCAA | 7.090 | 6.991 | 7.191 | 733.900 | 750.000 | -2.1 |

P4462 **49 of 59**



Contract:

CALIBRATION VERIFICATION SUMMARY

| Lab Code: | CHEM | Case No.: | P4462 | SAS No.: | P4462 | SDG NO.: | P4462 |
|-----------|------|-----------|-------|----------|-------|----------|-------|

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/23/2024 10/23/2024

Client Sample No.: CCAL04 Date Analyzed: 10/28/2024

Lab Sample No.: HSTDCCC750 Data File: PS028076.D Time Analyzed: 17:17

| COMPOUND | RT | RT WIN | DOW | CALC | NOM | %D |
|------------------|-------|--------|-------|------------|------------|-------------|
| | 1(1 | FROM | TO | AMOUNT(ng) | AMOUNT(ng) | / UD |
| 2,4,5-TP(Silvex) | 9.719 | 9.625 | 9.825 | 743.740 | 712.500 | 4.4 |
| 2,4-D | 8.829 | 8.737 | 8.937 | 729.960 | 705.000 | 3.5 |
| 2,4-DCAA | 7.606 | 7.514 | 7.714 | 729.190 | 750.000 | -2.8 |

P4462 **50 of 59**



Analytical Sequence

Client: Tetra Tech, EMI SDG No.: P4462

Project: R36724 Instrument ID: ECD_S

GC Column: RTX-CLP ID: 0.32 (mm) Inst. Calib. Date(s): 10/23/2024 10/23/2024

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 | 10/23/2024 | 11:04 | PS028007.D | 7.09 | 0.00 |
| HSTDICC200 | HSTDICC200 | 10/23/2024 | 11:28 | PS028008.D | 7.09 | 0.00 |
| HSTDICC500 | HSTDICC500 | 10/23/2024 | 11:52 | PS028009.D | 7.09 | 0.00 |
| HSTDICC750 | HSTDICC750 | 10/23/2024 | 12:16 | PS028010.D | 7.09 | 0.00 |
| HSTDICC1000 | HSTDICC1000 | 10/23/2024 | 12:40 | PS028011.D | 7.09 | 0.00 |
| HSTDICC1500 | HSTDICC1500 | 10/23/2024 | 13:04 | PS028012.D | 7.09 | 0.00 |
| I.BLK | I.BLK | 10/24/2024 | 11:01 | PS028035.D | 7.09 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2024 | 11:25 | PS028036.D | 7.09 | 0.00 |
| PB164378BL | PB164378BL | 10/24/2024 | 17:09 | PS028037.D | 7.09 | 0.00 |
| PB164378BS | PB164378BS | 10/24/2024 | 17:33 | PS028038.D | 7.09 | 0.00 |
| WB-301-BOTMS | P4397-06MS | 10/24/2024 | 19:09 | PS028042.D | 7.09 | 0.00 |
| WB-301-BOTMSD | P4397-06MSD | 10/24/2024 | 19:32 | PS028043.D | 7.09 | 0.00 |
| C0AL2 | P4462-02 | 10/24/2024 | 20:20 | PS028045.D | 7.09 | 0.00 |
| I.BLK | I.BLK | 10/24/2024 | 20:44 | PS028046.D | 7.09 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2024 | 21:08 | PS028047.D | 7.09 | 0.00 |
| I.BLK | I.BLK | 10/28/2024 | 10:08 | PS028071.D | 7.09 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/28/2024 | 10:32 | PS028072.D | 7.09 | 0.00 |
| PB164336TB | PB164336TB | 10/28/2024 | 13:35 | PS028074.D | 7.09 | 0.00 |
| I.BLK | I.BLK | 10/28/2024 | 13:59 | PS028075.D | 7.09 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/28/2024 | 17:17 | PS028076.D | 7.09 | 0.00 |

P4462 **51 of 59**



Analytical Sequence

Client: Tetra Tech, EMI SDG No.: P4462

Project: R36724 Instrument ID: ECD_S

GC Column: RTX-CLP2 ID: 0.32 (mm) Inst. Calib. Date(s): 10/23/2024 10/23/2024

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 | 10/23/2024 | 11:04 | PS028007.D | 7.62 | 0.00 |
| HSTDICC200 | HSTDICC200 | 10/23/2024 | 11:28 | PS028008.D | 7.61 | 0.00 |
| HSTDICC500 | HSTDICC500 | 10/23/2024 | 11:52 | PS028009.D | 7.62 | 0.00 |
| HSTDICC750 | HSTDICC750 | 10/23/2024 | 12:16 | PS028010.D | 7.61 | 0.00 |
| HSTDICC1000 | HSTDICC1000 | 10/23/2024 | 12:40 | PS028011.D | 7.62 | 0.00 |
| HSTDICC1500 | HSTDICC1500 | 10/23/2024 | 13:04 | PS028012.D | 7.61 | 0.00 |
| I.BLK | I,BLK | 10/24/2024 | 11:01 | PS028035.D | 7.61 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2024 | 11:25 | PS028036.D | 7.61 | 0.00 |
| PB164378BL | PB164378BL | 10/24/2024 | 17:09 | PS028037.D | 7.61 | 0.00 |
| PB164378BS | PB164378BS | 10/24/2024 | 17:33 | PS028038.D | 7.61 | 0.00 |
| WB-301-BOTMS | P4397-06MS | 10/24/2024 | 19:09 | PS028042.D | 7.61 | 0.00 |
| WB-301-BOTMSD | P4397-06MSD | 10/24/2024 | 19:32 | PS028043.D | 7.61 | 0.00 |
| C0AL2 | P4462-02 | 10/24/2024 | 20:20 | PS028045.D | 7.61 | 0.00 |
| I.BLK | I,BLK | 10/24/2024 | 20:44 | PS028046.D | 7.61 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2024 | 21:08 | PS028047.D | 7.61 | 0.00 |
| I.BLK | I.BLK | 10/28/2024 | 10:08 | PS028071.D | 7.61 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/28/2024 | 10:32 | PS028072.D | 7.61 | 0.00 |
| PB164336TB | PB164336TB | 10/28/2024 | 13:35 | PS028074.D | 7.61 | 0.00 |
| I.BLK | I.BLK | 10/28/2024 | 13:59 | PS028075.D | 7.61 | 0.0 |
| HSTDCCC750 | HSTDCCC750 | 10/28/2024 | 17:17 | PS028076.D | 7.61 | 0.0 |

P4462 **52 of 59**



COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164378BS

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Lab Sample ID: PB164378BS Date(s) Analyzed: 10/24/2024 10/24/2024

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 WII FROM | NDOW TO | CONCENTRATION | %RPD |
|------------------|-----|------|----------------|------------|---------------|------|
| 2,4,5-TP(Silvex) | 1 | 9.03 | 8.98 | 9.08 | 4.90 | |
| | 2 | 9.72 | 9.67 | 9.77 | 5.40 | 9.7 |
| 2,4-D | 1 | 8.18 | 8.13 | 8.23 | 4.90 | |
| | 2 | 8.84 | 8.79 | 8.89 | 5.00 | 2 |

P4462 53 of 59



COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-301-BOTMS

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Lab Sample ID: P4397-06MS Date(s) Analyzed: 10/24/2024 10/24/2024

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 WII FROM | NDOW TO | CONCENTRATION | %RPD |
|------------------|-----|------|----------------|------------|---------------|------|
| 2,4,5-TP(Silvex) | 1 | 9.03 | 8.98 | 9.08 | 47.3 | |
| | 2 | 9.73 | 9.68 | 9.78 | 106 | 76.6 |
| 2,4-D | 1 | 8.18 | 8.13 | 8.23 | 49.0 | |
| | 2 | 8.84 | 8.79 | 8.89 | 55.2 | 11.9 |

P4462 **54 of 59**



COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-301-BOTMSD

Contract: TETR16

Lab Code: CHEM Case No.: P4462 SAS No.: P4462 SDG NO.: P4462

Lab Sample ID: P4397-06MSD Date(s) Analyzed: 10/24/2024 10/24/2024

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 WII FROM | NDOW TO | CONCENTRATION | %RPD |
|------------------|-----|------|----------------|------------|---------------|------|
| 2,4-D | 1 | 8.18 | 8.13 | 8.23 | 49.2 | |
| | 2 | 8.83 | 8.78 | 8.88 | 56.6 | 14 |
| 2,4,5-TP(Silvex) | 1 | 9.03 | 8.98 | 9.08 | 47.5 | |
| | 2 | 9.73 | 9.68 | 9.78 | 113 | 81.6 |

P4462 55 of 59



SHIPPING DOCUMENTS

P4462 **56 of 59**

DateShipped: 10/18/2024

AirbillNo: 7793 3879 2277

CarrierName: FedEx

USEPA CLP COC (LAB COPY) CHAIN OF CUSTODY RECORD

PHAMS

No: 3-101824-092513-0037

Lab: Alliance Technical Group, LLC Chemtech Lab
Lab Contact: Yazmeen Gomez

Lab Phone: 908-728-3147

DAS #: R36724 Cooler #:

| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use — Only |
|-------------------|-------------------|----------------|-----------------|----------------------------|------------------------------|----------|-------------------------|-----------------------|
| IDW-W | C0AL2 | Water/ START | Grab | T_HERB(21 Day) | 1760 (<6 C), 1761 (<6 C) (2) | IDW | 10/17/2024 08:00 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | • | 000 | Shipment for Case Complete? Y |
|-----------------------|------------------|---------|---|
| Special Instructions: | Sople: Iha | 6 Karon | Samples Transferred From Chain of Custody # |
| | | | |
| Analysis Key: T_HERB | =TCLP Herbicides | | |

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Dațe/Time | Sample Condition Upon Receipt |
|--------------|--|-----------|--|-----------|-------------------------------|
| | Shan/ Jet Jel | 10-18-24 | alem | 10/19/24 | 2-1 |
| | | | | 10:15 | them #1 |
| | | | | | Per blu hu |
| | | | | | Casa Sur In |



| Certified By | License No. |
|----------------------|------------------|
| | |
| CAS EPA CLP Contract | 68HERH20D0011 |
| | |
| Connecticut | PH-0830 |
| | |
| DOD ELAP (L-A-B) | L2219 |
| | |
| Maine | 2024021 |
| | |
| Maryland | 296 |
| | |
| New Hampshire | 255423 |
| | |
| New Jersey | 20012 |
| | |
| New York | 11376 |
| | |
| Pennsylvania | 68-00548 |
| | |
| Soil Permit | 525-24-234-08441 |
| | |
| Texas | T104704488 |

6 6.3

FORM DC-1 SAMPLE LOG-IN SHEET

| MA No. N/A | Case Number R36724 SDG No. |
|------------------------|--|
| | Received By (Signature) |
| Log-in Date 10/21/2024 | Received By (Print Name) |
| Page_1_of | Lab Name : Alliance Technical Group, LLC |
| | |

| 12.Time Received | Lab | 11. Date Received at | agree ? | and Sample Tags | Reports/Chain of | 10. Does information on Traffic | | Numbers | 9. Sample Tags | | Condition | 8. Sample | Temperature | 7. Shipping Container | Indicator Bottle | Temperature | | Shipping Container ID No. | 5. Airbill No. and | | 4. Airbill | Custody Records | Reports/Chain Of | 2. Custody Seal Nos. | I. Custody Seal (s) | Remarks: |
|------------------|------------|----------------------|---------|-----------------|------------------|---------------------------------|--------|-------------------|----------------|-----|-----------|-----------|-------------|-----------------------|------------------|-------------|-----|---------------------------|--------------------|-----|------------|-----------------|------------------|--------------------------------|-----------------------|---------------|
| 10:15 | 10/19/2024 | | | | | Yes | Report | Listed on Traffic | Absent | | | Intact | 1.1 | 3 1 Degree C | | Present | | 1 | 779338792277 | | Drecent | | Present | n/a | Present, Intact | |
| _ | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | ı | 10 | 9 | œ | 7 | o | σ | 4 | ω | 2 | н | | | |
| | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | C0AL2 | EPA Sample # | | |
| 3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Water Sample pH | Aqueous | |
| 1971 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | Sample Tag # | | Corresponding |
| | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | P4462-02 | Assigned Lab # | | ق |
| | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Intact | of Sample Shipment, etc. | Remarks: Condition | |

* Contact SMO and attach record of resolution

| Reviewed By | Logbook No. | N/A |
|-------------|------------------|-----|
| Date | Logbook Page No. | N/A |