

ANALYTICAL REPORT

Eurofins TestAmerica, Phoenix
4625 East Cotton Ctr Blvd
Suite 189
Phoenix, AZ 85040
Tel: (602)437-3340

Laboratory Job ID: 550-168541-1

Client Project/Site: 103X903520F0071210706/Telluride Valley
Floor

For:

Tetra Tech, Inc.
1560 Broadway, Suite 1400
Denver, Colorado 80202

Attn: Nathan Grigsby



Authorized for release by:
8/11/2021 2:42:51 PM

Carlene McCutcheon, Project Manager II
(602)659-7612
Carlene.McCutcheon@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

| | |
|----------------------------------|----|
| Cover Page | 1 |
| Table of Contents | 2 |
| Definitions/Glossary | 3 |
| Case Narrative | 4 |
| Sample Summary | 5 |
| Detection Summary | 6 |
| Client Sample Results | 7 |
| QC Sample Results | 10 |
| QC Association Summary | 11 |
| Lab Chronicle | 12 |
| Certification Summary | 14 |
| Method Summary | 15 |
| Chain of Custody | 16 |
| Receipt Checklists | 18 |



Definitions/Glossary

Client: Tetra Tech, Inc.

Job ID: 550-168541-1

Project/Site: 103X903520F0071210706/Telluride Valley Floor

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| □ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Job ID: 550-168541-1

Laboratory: Eurofins TestAmerica, Phoenix

Narrative

Job Narrative
550-168541-1

Comments

No additional comments.

Receipt

The samples were received on 8/6/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Industrial Hygiene

Methods 7300, 7303: The Method Blank, Field Blank (or other QC results) were not used to correct client sample results associated with preparation batch 550-250103 and analytical batch 550-250246.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 550-168541-1 | VF001080221 | Air | 08/02/21 00:00 | 08/06/21 10:00 |
| 550-168541-2 | VF002080221 | Air | 08/02/21 00:00 | 08/06/21 10:00 |
| 550-168541-3 | VF003080221 | Air | 08/02/21 00:00 | 08/06/21 10:00 |
| 550-168541-4 | VF001080321 | Air | 08/03/21 00:00 | 08/06/21 10:00 |
| 550-168541-5 | VF002080321 | Air | 08/03/21 00:00 | 08/06/21 10:00 |
| 550-168541-6 | VF003080321 | Air | 08/03/21 00:00 | 08/06/21 10:00 |
| 550-168541-7 | VF001080421 | Air | 08/04/21 00:00 | 08/06/21 10:00 |
| 550-168541-8 | VF002080421 | Air | 08/04/21 00:00 | 08/06/21 10:00 |
| 550-168541-9 | VF003080421 | Air | 08/04/21 00:00 | 08/06/21 10:00 |
| 550-168541-10 | VF001080421D | Air | 08/04/21 00:00 | 08/06/21 10:00 |
| 550-168541-11 | VF001080421FB | Air | 08/04/21 00:00 | 08/06/21 10:00 |

Detection Summary

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Client Sample ID: VF001080221

Lab Sample ID: 550-168541-1

No Detections.

Client Sample ID: VF002080221

Lab Sample ID: 550-168541-2

No Detections.

Client Sample ID: VF003080221

Lab Sample ID: 550-168541-3

| Analyte | Result ug/Sample | Result ug/m3 | Result Qualifier | RL ug/Sample | Dil Fac | Method | Prep Type |
|---------|---------------------|-----------------|---------------------|-----------------|---------|------------|-----------|
| Lead | 0.304 | 0.0236 | | 0.250 | 1 | PE-MET-012 | Total/NA |

Client Sample ID: VF001080321

Lab Sample ID: 550-168541-4

No Detections.

Client Sample ID: VF002080321

Lab Sample ID: 550-168541-5

No Detections.

Client Sample ID: VF003080321

Lab Sample ID: 550-168541-6

| Analyte | Result ug/Sample | Result ug/m3 | Result Qualifier | RL ug/Sample | Dil Fac | Method | Prep Type |
|---------|---------------------|-----------------|---------------------|-----------------|---------|------------|-----------|
| Lead | 0.999 | 0.0771 | | 0.250 | 1 | PE-MET-012 | Total/NA |

Client Sample ID: VF001080421

Lab Sample ID: 550-168541-7

No Detections.

Client Sample ID: VF002080421

Lab Sample ID: 550-168541-8

No Detections.

Client Sample ID: VF003080421

Lab Sample ID: 550-168541-9

No Detections.

Client Sample ID: VF001080421D

Lab Sample ID: 550-168541-10

No Detections.

Client Sample ID: VF001080421FB

Lab Sample ID: 550-168541-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Phoenix

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Client Sample ID: VF001080221

Lab Sample ID: 550-168541-1

Date Collected: 08/02/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 11308 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result | Result | Result | Qualifier | RL | Prepared | Analyzed | Dil Fac |
|---------|-----------|---------|--------|-----------|-----------|----------------|----------------|---------|
| | ug/Sample | ug/m3 | | | ug/Sample | | | |
| Arsenic | <0.500 | <0.0442 | | | 0.500 | 08/10/21 05:27 | 08/10/21 13:52 | 1 |
| Lead | <0.250 | <0.0221 | | | 0.250 | 08/10/21 05:27 | 08/10/21 13:52 | 1 |

Client Sample ID: VF002080221

Lab Sample ID: 550-168541-2

Date Collected: 08/02/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 12042 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result | Result | Result | Qualifier | RL | Prepared | Analyzed | Dil Fac |
|---------|-----------|---------|--------|-----------|-----------|----------------|----------------|---------|
| | ug/Sample | ug/m3 | | | ug/Sample | | | |
| Arsenic | <0.500 | <0.0415 | | | 0.500 | 08/10/21 05:27 | 08/10/21 13:58 | 1 |
| Lead | <0.250 | <0.0208 | | | 0.250 | 08/10/21 05:27 | 08/10/21 13:58 | 1 |

Client Sample ID: VF003080221

Lab Sample ID: 550-168541-3

Date Collected: 08/02/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 12884 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result | Result | Result | Qualifier | RL | Prepared | Analyzed | Dil Fac |
|---------|-----------|---------|--------|-----------|-----------|----------------|----------------|---------|
| | ug/Sample | ug/m3 | | | ug/Sample | | | |
| Arsenic | <0.500 | <0.0388 | | | 0.500 | 08/10/21 05:27 | 08/10/21 14:00 | 1 |
| Lead | 0.304 | 0.0236 | | | 0.250 | 08/10/21 05:27 | 08/10/21 14:00 | 1 |

Client Sample ID: VF001080321

Lab Sample ID: 550-168541-4

Date Collected: 08/03/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 11689 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result | Result | Result | Qualifier | RL | Prepared | Analyzed | Dil Fac |
|---------|-----------|---------|--------|-----------|-----------|----------------|----------------|---------|
| | ug/Sample | ug/m3 | | | ug/Sample | | | |
| Arsenic | <0.500 | <0.0428 | | | 0.500 | 08/10/21 05:27 | 08/10/21 14:02 | 1 |
| Lead | <0.250 | <0.0214 | | | 0.250 | 08/10/21 05:27 | 08/10/21 14:02 | 1 |

Client Sample ID: VF002080321

Lab Sample ID: 550-168541-5

Date Collected: 08/03/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 12024 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result | Result | Result | Qualifier | RL | Prepared | Analyzed | Dil Fac |
|---------|-----------|---------|--------|-----------|-----------|----------------|----------------|---------|
| | ug/Sample | ug/m3 | | | ug/Sample | | | |
| Arsenic | <0.500 | <0.0416 | | | 0.500 | 08/10/21 05:27 | 08/10/21 14:05 | 1 |
| Lead | <0.250 | <0.0208 | | | 0.250 | 08/10/21 05:27 | 08/10/21 14:05 | 1 |

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Client Sample ID: VF003080321

Lab Sample ID: 550-168541-6

Date Collected: 08/03/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 12959 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result ug/Sample | Result ug/m3 | Result Qualifier | RL ug/Sample | Prepared | Analyzed | Dil Fac |
|---------|---------------------|-----------------|---------------------|-----------------|----------------|----------------|---------|
| Arsenic | <0.500 | <0.0386 | | 0.500 | 08/10/21 05:27 | 08/10/21 14:07 | 1 |
| Lead | 0.999 | 0.0771 | | 0.250 | 08/10/21 05:27 | 08/10/21 14:07 | 1 |

Client Sample ID: VF001080421

Lab Sample ID: 550-168541-7

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 11405 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result ug/Sample | Result ug/m3 | Result Qualifier | RL ug/Sample | Prepared | Analyzed | Dil Fac |
|---------|---------------------|-----------------|---------------------|-----------------|----------------|----------------|---------|
| Arsenic | <0.500 | <0.0438 | | 0.500 | 08/10/21 05:27 | 08/10/21 14:09 | 1 |
| Lead | <0.250 | <0.0219 | | 0.250 | 08/10/21 05:27 | 08/10/21 14:09 | 1 |

Client Sample ID: VF002080421

Lab Sample ID: 550-168541-8

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 12236 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result ug/Sample | Result ug/m3 | Result Qualifier | RL ug/Sample | Prepared | Analyzed | Dil Fac |
|---------|---------------------|-----------------|---------------------|-----------------|----------------|----------------|---------|
| Arsenic | <0.500 | <0.0409 | | 0.500 | 08/10/21 05:27 | 08/10/21 14:12 | 1 |
| Lead | <0.250 | <0.0204 | | 0.250 | 08/10/21 05:27 | 08/10/21 14:12 | 1 |

Client Sample ID: VF003080421

Lab Sample ID: 550-168541-9

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 11941 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result ug/Sample | Result ug/m3 | Result Qualifier | RL ug/Sample | Prepared | Analyzed | Dil Fac |
|---------|---------------------|-----------------|---------------------|-----------------|----------------|----------------|---------|
| Arsenic | <0.500 | <0.0419 | | 0.500 | 08/10/21 05:27 | 08/10/21 14:19 | 1 |
| Lead | <0.250 | <0.0209 | | 0.250 | 08/10/21 05:27 | 08/10/21 14:19 | 1 |

Client Sample ID: VF001080421D

Lab Sample ID: 550-168541-10

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 11405 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result ug/Sample | Result ug/m3 | Result Qualifier | RL ug/Sample | Prepared | Analyzed | Dil Fac |
|---------|---------------------|-----------------|---------------------|-----------------|----------------|----------------|---------|
| Arsenic | <0.500 | <0.0438 | | 0.500 | 08/10/21 05:27 | 08/10/21 14:21 | 1 |
| Lead | <0.250 | <0.0219 | | 0.250 | 08/10/21 05:27 | 08/10/21 14:21 | 1 |

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Client Sample ID: VF001080421FB

Lab Sample ID: 550-168541-11

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

Sample Air Volume: 0 L

Sample Container: IH - MCE, 0.8 micron, 37-mm Filter

Method: PE-MET-012 - NIOSH Method 7303

| Analyte | Result | Result | Result | Qualifier | RL | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------|--------|-----------|-----------|----------------|----------------|---------|
| | ug/Sample | | | | ug/Sample | | | |
| Arsenic | <0.500 | | | | 0.500 | 08/10/21 05:27 | 08/10/21 14:23 | 1 |
| Lead | <0.250 | | | | 0.250 | 08/10/21 05:27 | 08/10/21 14:23 | 1 |

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Method: PE-MET-012 - NIOSH Method 7303

Lab Sample ID: MB 550-250103/1-A

Matrix: Air

Analysis Batch: 250246

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 250103

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------------|-----------------|-------|-----------|---|----------------|----------------|---------|
| Arsenic | <0.500 | | 0.500 | ug/Sample | | 08/10/21 05:27 | 08/10/21 13:35 | 1 |
| Lead | <0.250 | | 0.250 | ug/Sample | | 08/10/21 05:27 | 08/10/21 13:35 | 1 |

Lab Sample ID: LCS 550-250103/2-A

Matrix: Air

Analysis Batch: 250246

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 250103

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|----------------|---------------|------------------|-----------|---|------|-----------------|
| Arsenic | 25.0 | 23.38 | | ug/Sample | | 94 | 80 - 120 |
| Lead | 25.0 | 24.61 | | ug/Sample | | 98 | 80 - 120 |

Lab Sample ID: LCSD 550-250103/3-A

Matrix: Air

Analysis Batch: 250246

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 250103

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|----------------|----------------|-------------------|-----------|---|------|-----------------|-----|--------------|
| Arsenic | 25.0 | 23.72 | | ug/Sample | | 95 | 80 - 120 | 1 | 20 |
| Lead | 25.0 | 24.83 | | ug/Sample | | 99 | 80 - 120 | 1 | 20 |

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 550-168541-1

Project/Site: 103X903520F0071210706/Telluride Valley Floor

IH - Metals

Prep Batch: 250103

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 550-168541-1 | VF001080221 | Total/NA | Air | Filter Prep | |
| 550-168541-2 | VF002080221 | Total/NA | Air | Filter Prep | |
| 550-168541-3 | VF003080221 | Total/NA | Air | Filter Prep | |
| 550-168541-4 | VF001080321 | Total/NA | Air | Filter Prep | |
| 550-168541-5 | VF002080321 | Total/NA | Air | Filter Prep | |
| 550-168541-6 | VF003080321 | Total/NA | Air | Filter Prep | |
| 550-168541-7 | VF001080421 | Total/NA | Air | Filter Prep | |
| 550-168541-8 | VF002080421 | Total/NA | Air | Filter Prep | |
| 550-168541-9 | VF003080421 | Total/NA | Air | Filter Prep | |
| 550-168541-10 | VF001080421D | Total/NA | Air | Filter Prep | |
| 550-168541-11 | VF001080421FB | Total/NA | Air | Filter Prep | |
| MB 550-250103/1-A | Method Blank | Total/NA | Air | Filter Prep | |
| LCS 550-250103/2-A | Lab Control Sample | Total/NA | Air | Filter Prep | |
| LCSD 550-250103/3-A | Lab Control Sample Dup | Total/NA | Air | Filter Prep | |

Analysis Batch: 250246

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|------------|------------|
| 550-168541-1 | VF001080221 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-2 | VF002080221 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-3 | VF003080221 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-4 | VF001080321 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-5 | VF002080321 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-6 | VF003080321 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-7 | VF001080421 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-8 | VF002080421 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-9 | VF003080421 | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-10 | VF001080421D | Total/NA | Air | PE-MET-012 | 250103 |
| 550-168541-11 | VF001080421FB | Total/NA | Air | PE-MET-012 | 250103 |
| MB 550-250103/1-A | Method Blank | Total/NA | Air | PE-MET-012 | 250103 |
| LCS 550-250103/2-A | Lab Control Sample | Total/NA | Air | PE-MET-012 | 250103 |
| LCSD 550-250103/3-A | Lab Control Sample Dup | Total/NA | Air | PE-MET-012 | 250103 |

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Client Sample ID: VF001080221

Lab Sample ID: 550-168541-1

Date Collected: 08/02/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 13:52 | MGM | TAL PHX |

Client Sample ID: VF002080221

Lab Sample ID: 550-168541-2

Date Collected: 08/02/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 13:58 | MGM | TAL PHX |

Client Sample ID: VF003080221

Lab Sample ID: 550-168541-3

Date Collected: 08/02/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:00 | MGM | TAL PHX |

Client Sample ID: VF001080321

Lab Sample ID: 550-168541-4

Date Collected: 08/03/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:02 | MGM | TAL PHX |

Client Sample ID: VF002080321

Lab Sample ID: 550-168541-5

Date Collected: 08/03/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:05 | MGM | TAL PHX |

Client Sample ID: VF003080321

Lab Sample ID: 550-168541-6

Date Collected: 08/03/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:07 | MGM | TAL PHX |

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Client Sample ID: VF001080421

Lab Sample ID: 550-168541-7

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:09 | MGM | TAL PHX |

Client Sample ID: VF002080421

Lab Sample ID: 550-168541-8

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:12 | MGM | TAL PHX |

Client Sample ID: VF003080421

Lab Sample ID: 550-168541-9

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:19 | MGM | TAL PHX |

Client Sample ID: VF001080421D

Lab Sample ID: 550-168541-10

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:21 | MGM | TAL PHX |

Client Sample ID: VF001080421FB

Lab Sample ID: 550-168541-11

Date Collected: 08/04/21 00:00

Matrix: Air

Date Received: 08/06/21 10:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | Filter Prep | | | 250103 | 08/10/21 05:27 | SGO | TAL PHX |
| Total/NA | Analysis | PE-MET-012 | | 1 | 250246 | 08/10/21 14:23 | MGM | TAL PHX |

Laboratory References:

TAL PHX = Eurofins TestAmerica, Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: 103X903520F0071210706/Telluride Valley Floor

Job ID: 550-168541-1

Laboratory: Eurofins TestAmerica, Phoenix

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---------------|---|-----------------------|-----------------|
| AIHA-LAP, LLC | Industrial Hygiene Laboratory Accreditation Program (IHLAP) | 154268 | 10-01-21 |

Method Summary

Client: Tetra Tech, Inc.

Job ID: 550-168541-1

Project/Site: 103X903520F0071210706/Telluride Valley Floor

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------|----------|------------|
| PE-MET-012 | NIOSH Method 7303 | NIOSH | TAL PHX |
| Filter Prep | Preparation, IH Filter | NIOSH | TAL PHX |

Protocol References:

NIOSH = NIOSH Manual Of Analytical Methods, National Institute For Occupational Safety And Health, 4th Edition, August 1994 and it's Supplements

Laboratory References:

TAL PHX = Eurofins TestAmerica, Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

TVF_20210804

RUSH

168541

CHAIN OF CUSTODY RECORD

Page 1 of 1
Eurofins TestAmerica
4625 E. Cotton Center Blvd., Ste. 189
Phoenix, AZ 85040
PHONE: (602-437-3340)

No:

| | | | | | | | | | | | | | | | | | | | |
|--|--|--------------------------|--|--|--|----------------------------|--|-------------|--|-----------------|--|-------|--|------------------|--|----------------------|--|--------|--|
| Report to Contact Name: Nathan Grigsby | | | | Bill To Company: Tetra Tech, Inc. | | | | | | | | | | | | | | | |
| Company Name: Tetra Tech Inc. | | | | Attention: Nathan Grigsby | | | | | | | | | | | | | | | |
| Street: 1560 Broadway | | | | Street: 1560 Broadway | | | | | | | | | | | | | | | |
| City: Denver | | State: CO | | Zip Code: 80202 | | City: Denver | | State: CO | | Zip Code: 80202 | | | | | | | | | |
| Phone: [REDACTED] | | Fax: [REDACTED] | | Phone: [REDACTED] | | Fax: [REDACTED] | | | | | | | | | | | | | |
| Project Name: 103X903520F0071210706/Telluride Valley Floor | | | | Email Results To: Nathan.grigsby@tetratech.com | | | | | | | | | | | | | | | |
| Number of Samples: 11 | | Date Shipped: 08/04/2021 | | Purchase Order: | | Sampled By: Nathan Grigsby | | | | | | | | | | | | | |
| | | | | | | | | Media Type: | | | | | | | | | | | |
| 2 Week | | 1 Week | | 5 Day | | 4 Day | | 3 Day | | 2 Day | | 1 Day | | Other (Call Lab) | | Manufacturer/Part #: | | | |
| | | | | | | | | X | | | | | | | | | | Lot #: | |

-01
-02
-03
-04
-05
-06
-07
-08
-09
-10
-11

| Sample ID | Media | Analyte / Method | Sample Date | Total Time (min.) | Volume (L) | Comments |
|---------------|-------|------------------|-------------|-------------------|------------|----------|
| VF001080221 | Air | Lead and Arsenic | 08/02/2021 | 564 | 11308 | VF001 |
| VF002080221 | Air | Lead and Arsenic | 08/02/2021 | 600 | 12042 | VF002 |
| VF003080221 | Air | Lead and Arsenic | 08/02/2021 | 642 | 12884 | VF003 |
| VF001080321 | Air | Lead and Arsenic | 08/03/2021 | 583 | 11689 | VF001 |
| VF002080321 | Air | Lead and Arsenic | 08/03/2021 | 600 | 12024 | VF002 |
| VF003080321 | Air | Lead and Arsenic | 08/03/2021 | 647 | 12959 | VF003 |
| VF001080421 | Air | Lead and Arsenic | 08/04/2021 | 570 | 11405 | VF001 |
| VF002080421 | Air | Lead and Arsenic | 08/04/2021 | 610 | 12236 | VF002 |
| VF003080421 | Air | Lead and Arsenic | 08/04/2021 | 595 | 11941 | VF003 |
| VF001080421D | Air | Lead and Arsenic | 08/04/2021 | 570 | 570 | VF001 |
| VF001080421FB | Air | Lead and Arsenic | 08/04/2021 | 0 | 0 | VF001 |



550-168541 Chain of Custody

Note: Most NIOSH and OSHA methods require field blanks. It is the IH field samples responsibility to submit the proper number of field blanks and duplicates

| | | | |
|--|--------------|--|-----------|
| Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time |
| [REDACTED] TE | 8/04/21 1916 | [REDACTED] | |
| | | | |
| | | | |

RUSH

168541

CHAIN OF CUSTODY RECORD

Page 1 of 1

Eurofins TestAmerica

4625 E. Cotton Center Blvd., Ste. 189

Phoenix, AZ 85040


PHONE: (602-437-3340)

No:

| | | | | | | | |
|---|---|--------------------------|---|--|---|----------------------------|--|
| Report to Contact Name: Nathan Grigsby | | | | Bill To Company: Tetra Tech, Inc | | | |
| Company Name: Tetra Tech Inc. | | | | Attention: Nathan Grigsby | | | |
| Street: 1560 Broadway | | | | Street: 1560 Broadway | | | |
| City: Denver | State: CO | Zip Code: 80202 | | City: Denver | State: CO | Zip Code: 80202 | |
| Phone: XXXXXXXXXX | Fax: XXXXXXXXXX | | Phone: XXXXXXXXXX | | Fax: XXXXXXXXXX | | |
| Project Name: 103X903520F0071210706/Telluride Valley <i>Floor</i> | | | | Email Results To: nathan.grigsby@tetratech.com | | | |
| Number of Samples: 11 | | Date Shipped: 08/04/2021 | | Purchase Order: XXXXXXXXXX | | Sampled By: Nathan Grigsby | |

| | | | | | | | |
|--------|--------|-------|-------|-------|-------|-------|----------------------|
| | | | | | | | Media Type: |
| 2 Week | 1 Week | 5 Day | 4 Day | 3 Day | 2 Day | 1 Day | Other (Call Lab) |
| | | | | X | | | Manufacturer/Part #: |
| | | | | | | | Lot #: |

| Sample ID | Media | Analyte / Method | Sample Date | Total Time (min.) | Volume (L) | Comments |
|---------------|-------|------------------|-------------|-------------------|------------|----------|
| VF001080221 | Air | Lead and Arsenic | 08/02/2021 | 564 | 11308 | VF001 |
| VF002080221 | Air | Lead and Arsenic | 08/02/2021 | 600 | 12042 | VF002 |
| VF003080221 | Air | Lead and Arsenic | 08/02/2021 | 642 | 12884 | VF003 |
| VF001080321 | Air | Lead and Arsenic | 08/03/2021 | 583 | 11689 | VF001 |
| VF002080321 | Air | Lead and Arsenic | 08/03/2021 | 600 | 12024 | VF002 |
| VF003080321 | Air | Lead and Arsenic | 08/03/2021 | 647 | 12959 | VF003 |
| VF001080421 | Air | Lead and Arsenic | 08/04/2021 | 570 | 11405 | VF001 |
| VF002080421 | Air | Lead and Arsenic | 08/04/2021 | 610 | 12236 | VF002 |
| VF003080421 | Air | Lead and Arsenic | 08/04/2021 | 595 | 11941 | VF003 |
| VF001080421D | Air | Lead and Arsenic | 08/04/2021 | 570 | 11405 | VF001 |
| VF001080421FB | Air | Lead and Arsenic | 08/04/2021 | 0 | 0 | VF001 |


550-168541 Chain of Custody

Note: Most NIOSH and OSHA methods require field blanks. It is the IH field samples responsibility to submit the proper number of field blanks and duplicates

| | | | |
|--|--------------|--|-----------|
| Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time |
| XXXXXXXXXX <i>TE</i> | 8/04/21 1916 | XXXXXXXXXX | |

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 550-168541-1

Login Number: 168541

List Source: Eurofins TestAmerica, Phoenix

List Number: 1

Creator: Gravlin, Andrea

| Question | Answer | Comment |
|--|--------|------------------------------------|
| Radioactivity wasn't checked or is <=/ background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | False | Thermal preservation not required. |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |