

ANALYTICAL RESULTS SUMMARY

METALS

PROJECT NAME : FT MEADE TIPTON AIRFIELD PARCEL RI - PO 0111169

WESTON SOLUTIONS 1400 Weston Way PO Box 2653 West Chester, PA - 19380 Phone No: 610-701-7400

ORDER ID: P5242 ATTENTION: Nathan Fretz



Laboratory Certification ID # 20012







| 1) Signature Page | 3 |
|--------------------------------|----|
| 2) Case Narrative | 4 |
| 2.1) Metals-MS- Case Narrative | 4 |
| 3) Qualifier Page | 6 |
| 4) QA Checklist | 7 |
| 5) Metals-MS Data | 8 |
| 6) Shipping Document | 14 |
| 6.1) CHAIN OF CUSTODY | 15 |
| 6.2) ROC | 16 |
| 6.3) Lab Certificate | 17 |



Cover Page

- Order ID : P5242
- Project ID : Ft Meade Tipton Airfield Parcel RI PO 0111169
 - Client : Weston Solutions

Lab Sample Number Client Sample Number P5242-01 TAPIAL1-SB04D-9-112224-00-T1 P5242-02 TAPIAL1-SB04D-4-112224-00-T1

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 :



By Sohil Jodhani, QA/QC Director at 11:08 am, Dec 23, 2024

Date: 12/23/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

P5242



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

CASE NARRATIVE

2.1

Weston Solutions Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169 Project # N/A Chemtech Project # P5242 Test Name: Metals ICP-TAL

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 11/23/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL and METALS-TAL. This data package contains results for Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6020B and digestion based on method 3050 (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate (TAPIAL1-SB04D-4-112224-00-T1DUP) analysis met criteria for all samples except for Copper, Nickel, Zinc due to matrix interference.

The Duplicate (TAPIAL1-SB04D-4-112224-00-T1MSD) analysis met criteria for all samples except for Nickel due to matrix interference.

The Matrix Spike (TAPIAL1-SB04D-4-112224-00-T1MS) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Cadmium, Cobalt, Nickel, Selenium, Silver due to matrix interference.

The Matrix Spike Duplicate (TAPIAL1-SB04D-4-112224-00-T1MSD) analysis met criteria for all samples except for Arsenic, Beryllium, Cadmium, Cobalt, Nickel, Selenium, Silver, Thallium due to matrix interference.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (TAPIAL1-SB04D-4-112224-00-T1L) met criteria for all samples except for Chromium, Iron, Manganese due to unknown interference.

E. Calculation for ICP-MS Soil Sample:

Conversion of Results from $\mu g / L$ or ppb to mg/kg :

Concentration (mg/kg) = $C \times Vf_{W \times S} \times DF / 1000$



Where,

- C = Instrument value in ppb (The average of all replicate integrations)
- Vf = Final digestion volume (mL)
- W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)

2.1

- S = % Solids / 100 (Fraction of Percent Solids)
- DF = Dilution Factor

F. Additional Comments:

Samples P5242-01 and P5242-02 are reported with straight 5X dilution due to high interferent samples.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

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.





DATA REPORTING QUALIFIERS- INORGANIC

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

| J | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL). |
|---------|---|
| U | Indicates the analyte was analyzed for, but not detected. |
| ND | Indicates the analyte was analyzed for, but not detected |
| Ε | Indicates the reported value is estimated because of the presence of interference |
| М | Indicates Duplicate injection precision not met. |
| Ν | Indicates the spiked sample recovery is not within control limits. |
| S | Indicates the reported value was determined by the Method of Standard Addition (MSA). |
| * | Indicates that the duplicate analysis is not within control limits. |
| + | Indicates the correlation coefficient for the MSA is less than 0.995. |
| D | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range. |
| M OR | Method qualifiers"P"for ICP instrument"PM"for ICP when Microwave Digestion is used"CV"for Manual Cold Vapor AA"AV"for automated Cold Vapor AA"CA"for MIDI-Distillation Spectrophotometric"AS"for Semi – Automated Spectrophotometric"C"for Manual Spectrophotometric"T"for Titrimetric"NR"for analyte not required to be analyzedIndicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| Q | Indicates the LCS did not meet the control limits requirements |
| Н | Sample Analysis Out Of Hold Time |



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5242

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

QA Review Signature: SOHIL JODHANI



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

Hit Summary Sheet SW-846

| SDG No.: | P5242 Waster Solutions | | Order ID | | P5242 | nton A | Dows -1 D.7 | D O 01 |
|-------------|----------------------------------|----------------|---------------|----|-------------|---------------|-------------|----------------|
| Client: | Weston Solutions | | Project II | D: | Ft Meade 11 | pton Airfield | Parcel KI | • PO 01 |
| Sample ID | Client ID Ma | trix Parameter | Concentration | С | MDL | LOD | RDL | Units |
| Client ID : | TAPIAL1-SB04D-9-112224-00-T1 | | | _ | | | | |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | | 4690 | D | 2.64 | 4.71 | 9.42 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | | 2.16 | D | 0.042 | 0.12 | 0.47 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | | 26.3 | D | 0.17 | 0.59 | 4.71 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | 5 | 0.40 | JD | 0.12 | 0.35 | 0.47 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | _ Calcium | 303 | D | 31.8 | 89.5 | 236 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | _ Chromium | 8.97 | D | 0.11 | 0.24 | 0.94 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | _ Cobalt | 5.91 | D | 0.038 | 0.12 | 0.47 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | _ Copper | 5.00 | D | 0.26 | 0.47 | 0.94 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOI | Iron | 9010 | D | 5.23 | 5.89 | 23.6 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOI | _ Lead | 4.47 | D | 0.071 | 0.35 | 0.47 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | - Magnesium | 581 | D | 12.7 | 89.5 | 236 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | Manganese | 93.2 | D | 0.16 | 0.24 | 0.47 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | Nickel | 6.42 | D | 0.075 | 0.12 | 0.47 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | Potassium | 385 | D | 18.8 | 89.5 | 236 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | Sodium | 42.5 | JD | 28.8 | 118 | 236 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | Thallium | 0.094 | JD | 0.047 | 0.24 | 0.47 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOII | Vanadium | 14.6 | D | 0.038 | 0.12 | 2.36 | mg/Kg |
| P5242-01 | TAPIAL1-SB04D-9-112224-00-7 SOI | _ Zinc | 18.8 | D | 0.61 | 0.71 | 2.36 | mg/Kg |
| Client ID : | TAPIAL1-SB04D-4-112224-00-T1 | | | | | | | |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | Aluminum | 4230 | D | 2.62 | 4.69 | 9.37 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOII | Arsenic | 1.96 | D | 0.042 | 0.12 | 0.47 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOII | Barium | 22.3 | D | 0.17 | 0.59 | 4.69 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOII | Beryllium | 0.72 | D | 0.12 | 0.35 | 0.47 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOII | Calcium | 171 | JD | 31.6 | 89.0 | 234 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOII | Chromium | 31.2 | D | 0.11 | 0.23 | 0.94 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOII | _ Cobalt | 8.64 | D | 0.037 | 0.12 | 0.47 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | Copper | 7.18 | D | 0.26 | 0.47 | 0.94 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | | 12000 | D | 5.20 | 5.86 | 23.4 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | | 3.57 | D | 0.070 | 0.35 | 0.47 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOII | Magnesium | 842 | D | 12.6 | 89.0 | 234 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | e | 274 | D | 0.16 | 0.23 | 0.47 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | C C | 7.45 | D | 0.075 | 0.12 | 0.47 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | | 686 | D | 18.6 | 89.0 | 234 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-1SOI | | 55.4 | JD | 28.6 | 117 | 234 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-1SOI | | 0.094 | JD | 0.047 | 0.23 | 0.47 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-7 SOI | | 15.8 | D | 0.047 | 0.12 | 2.34 | mg/Kg |
| P5242-02 | TAPIAL1-SB04D-4-112224-00-1SOII | | 15.4 | D | 0.61 | 0.12 | 2.34 | mg/Kg |
| 1 3242-02 | IAFIAL1-50040-4-112224-00-1501 | | 10.4 | D | 0.01 | 0.70 | 2.34 | mg/ k g |

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B C

D

P5242



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| | | | Hit Summary SW-84 | | | | | | | Α |
|-----------|------------------|--------|----------------------|---------------|---|--------------|-----------------|-----------|---------|---|
| | | | 511 01 | | | | | | | В |
| SDG No.: | P5242 | | | Order ID: | | P5242 | | | | С |
| Client: | Weston Solutions | | | Project ID: | | Ft Meade Tij | pton Airfield I | Parcel RI | - PO 01 | D |
| Sample ID | Client ID | Matrix | Parameter | Concentration | С | MDL | LOD | RDL | Units | |





A B C D



Report of Analysis

| - (| | | | | |
|-----|-------------------|---|-----------------|----------|---|
| L | Client: | Weston Solutions | Date Collected: | 11/22/24 | |
| L | Project: | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | Date Received: | 11/23/24 | I |
| L | Client Sample ID: | TAPIAL1-SB04D-9-112224-00-T1 | SDG No.: | P5242 | ľ |
| L | Lab Sample ID: | P5242-01 | Matrix: | SOIL | |
| L | Level (low/med): | low | % Solid: | 93.9 | |

| Cas | Parameter | Conc. | Qua. DF | MDL | LOD | LOQ / CRQL | Units(Dry V | Weigh P)rep Date | Date Ana. | Ana Met. | Prep Met. |
|-----------|-----------|-------|---------|-------|------|------------|-------------|--------------------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum | 4690 | D 5 | 2.64 | 4.71 | 9.42 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-36-0 | Antimony | 0.35 | UDN5 | 0.047 | 0.35 | 0.94 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-38-2 | Arsenic | 2.16 | DN 5 | 0.042 | 0.12 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-39-3 | Barium | 26.3 | D 5 | 0.17 | 0.59 | 4.71 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-41-7 | Beryllium | 0.40 | JDN 5 | 0.12 | 0.35 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-43-9 | Cadmium | 0.35 | UDN5 | 0.13 | 0.35 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-70-2 | Calcium | 303 | D 5 | 31.8 | 89.5 | 236 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-47-3 | Chromium | 8.97 | D 5 | 0.11 | 0.24 | 0.94 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-48-4 | Cobalt | 5.91 | DN 5 | 0.038 | 0.12 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-50-8 | Copper | 5.00 | D* 5 | 0.26 | 0.47 | 0.94 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7439-89-6 | Iron | 9010 | D 5 | 5.23 | 5.89 | 23.6 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7439-92-1 | Lead | 4.47 | D 5 | 0.071 | 0.35 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7439-95-4 | Magnesium | 581 | D 5 | 12.7 | 89.5 | 236 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7439-96-5 | Manganese | 93.2 | D 5 | 0.16 | 0.24 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-02-0 | Nickel | 6.42 | DN*5 | 0.075 | 0.12 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-09-7 | Potassium | 385 | D 5 | 18.8 | 89.5 | 236 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7782-49-2 | Selenium | 2.12 | UDN5 | 0.56 | 2.12 | 2.36 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-22-4 | Silver | 0.24 | UDN5 | 0.12 | 0.24 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-23-5 | Sodium | 42.5 | JD 5 | 28.8 | 118 | 236 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-28-0 | Thallium | 0.094 | JDN 5 | 0.047 | 0.24 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-62-2 | Vanadium | 14.6 | D 5 | 0.038 | 0.12 | 2.36 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |
| 7440-66-6 | Zinc | 18.8 | D* 5 | 0.61 | 0.71 | 2.36 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:54 | SW6020 | SW3050 |

| Color Before: | Brown | Clarity Before: | Texture: Medium |
|---|---------------------------------------|-----------------|--|
| Color After: | Brown | Clarity After: | Artifacts: |
| Comments: | METALS-TAL | | |
| MDL = Methodologiest MDL = Limit D = Dilution | of Quantitation od Detection Limit | t requirements | J = Estimated Value B = Analyte Found in Associated Method Blank * = indicates the duplicate analysis is not within control limits. E = Indicates the reported value is estimated because of the presence of interference. OR = Over Range |
| | | | N =Spiked sample recovery not within control limits |

11 of 17

C D



5

С D

Report of Analysis

| - 6 | | | | | |
|-----|-------------------|---|-----------------|----------|--|
| | Client: | Weston Solutions | Date Collected: | 11/22/24 | |
| | Project: | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | Date Received: | 11/23/24 | |
| | Client Sample ID: | TAPIAL1-SB04D-4-112224-00-T1 | SDG No.: | P5242 | |
| | Lab Sample ID: | P5242-02 | Matrix: | SOIL | |
| | Level (low/med): | low | % Solid: | 92.8 | |

| Cas | Parameter | Conc. | Qua. DF | MDL | LOD | LOQ / CRQL | Units(Dry V | Weigh f)rep Date | Date Ana. | Ana Met. | Prep Met. |
|-----------|-----------|-------|---------|-------|------|------------|-------------|--------------------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum | 4230 | D 5 | 2.62 | 4.69 | 9.37 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-36-0 | Antimony | 0.35 | UDN5 | 0.047 | 0.35 | 0.94 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-38-2 | Arsenic | 1.96 | DN 5 | 0.042 | 0.12 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-39-3 | Barium | 22.3 | D 5 | 0.17 | 0.59 | 4.69 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-41-7 | Beryllium | 0.72 | DN 5 | 0.12 | 0.35 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-43-9 | Cadmium | 0.35 | UDN5 | 0.13 | 0.35 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-70-2 | Calcium | 171 | JD 5 | 31.6 | 89.0 | 234 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-47-3 | Chromium | 31.2 | D 5 | 0.11 | 0.23 | 0.94 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-48-4 | Cobalt | 8.64 | DN 5 | 0.037 | 0.12 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-50-8 | Copper | 7.18 | D* 5 | 0.26 | 0.47 | 0.94 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7439-89-6 | Iron | 12000 | D 5 | 5.20 | 5.86 | 23.4 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7439-92-1 | Lead | 3.57 | D 5 | 0.070 | 0.35 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7439-95-4 | Magnesium | 842 | D 5 | 12.6 | 89.0 | 234 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7439-96-5 | Manganese | 274 | D 5 | 0.16 | 0.23 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-02-0 | Nickel | 7.45 | DN*5 | 0.075 | 0.12 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-09-7 | Potassium | 686 | D 5 | 18.6 | 89.0 | 234 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7782-49-2 | Selenium | 2.11 | UDN5 | 0.56 | 2.11 | 2.34 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-22-4 | Silver | 0.23 | UDN5 | 0.12 | 0.23 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-23-5 | Sodium | 55.4 | JD 5 | 28.6 | 117 | 234 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-28-0 | Thallium | 0.094 | JDN 5 | 0.047 | 0.23 | 0.47 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-62-2 | Vanadium | 15.8 | D 5 | 0.037 | 0.12 | 2.34 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |
| 7440-66-6 | Zinc | 15.4 | D* 5 | 0.61 | 0.70 | 2.34 | mg/Kg | 12/09/24 10:45 | 12/11/24 18:58 | SW6020 | SW3050 |

| Color Before: | Brown | Clarity Before: | Texture: Medium | | | | |
|---------------|--------------------------|-----------------------|---|--|--|--|--|
| Color After: | Brown | Clarity After: | Artifacts: | | | | |
| Comments: | METALS-TAL | | | | | | |
| U = Not Detec | cted | | J = Estimated Value | | | | |
| LOQ = Limit | of Quantitation | | B = Analyte Found in Associated Method Blank | | | | |
| MDL = Metho | od Detection Limit | | * = indicates the duplicate analysis is not within control limits. | | | | |
| LOD = Limit | of Detection | | E = Indicates the reported value is estimated because of the presence | | | | |
| D = Dilution | | | of interference. | | | | |
| Q = indicates | LCS control criteria did | not meet requirements | OR = Over Range | | | | |
| | | | N =Spiked sample recovery not within control limits | | | | |
| P5242 | | 1 | 2 of 17 | | | | |



С

D

LAB CHRONICLE

| OrderID: Client: Contact: | P5242 Weston Solutions Nathan Fretz | | | OrderDate: Project: Location: | 12/10/2024 1:2 Ft Meade Tipto L61 | | el RI - PO 01111 | 69 |
|---------------------------------|---|--------|----------------|-------------------------------------|---|-----------|------------------|----------|
| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
| P5242-01 | TAPIAL1-SB04D-9-11 2224-00-T1 | SOIL | | | 11/22/24 | | | 11/23/24 |
| P5242-02 | TAPIAL1-SB04D-4-11 2224-00-T1 | SOIL | Metals ICP-TAL | 6020B | 11/22/24 | 12/09/24 | 12/11/24 | 11/23/24 |
| | 2224-00-11 | | Metals ICP-TAL | 6020B | | 12/09/24 | 12/11/24 | |



<u>SHIPPING</u> DOCUMENTS

6

P4986 &P5242 Weston COC ID Chain of Custody Record/Lab Work Request Weston_20241122_1439 Page 1 of 1 **Client:** Weston Solutions, Inc. **Project Name:** Fort Meade RI **Project POC:** Nathan Fretz Matrix Codes **Project Manager:** David Sembrot PO Number 0111169 484-524-5665 Phone: SB - Soil Street Address: 1400 Weston Way West Chester City: POC e-mail: nathan.fretz@westonsolutions.com W.O. #: SE - Sediment Phone: 610-314-5456 PA, 19038 ST, ZIP: Lab: Chemtech Lab POC: Jordan Hedvat SO - Solid e-mail: david.sembrot@westonsolutions.com TAT (days): 21 Lab Phone: 908-728-3148 SL - Studge Sampled By: Cheyenne Harrington Lab Address: 284 Sheffield Street Mountainside, NJ 07092 GW - Groundwater W - Water TAL Metals by EPA 6020B/7471B Anions by EPA 9056A by EPA 9060A pH by EPA 9045D Lab Use Only 0 - Oil Femperature of cooler when received (°C) A- Air **Analyses Requested:** COC Tape was present and unbroken on outer package? Y Ν **DS - Drum Solids** 100 Samples received in good condition? Y Ν DL - Drum Liquids Labels indicate properly preserved? Y N L - EP/TCLP Leachate Received within holding times? Y Ν Gontainer Type: Glass Glass Glass Glass WI- Wipe Container Size: 8 oz Discrepancies between sample labels and COC record? Y Ν 8 oz 8 oz 8 oz X - Other lce to lice to lice to lice to Preservative: F - Fish 0-6 0-8 0-6 0-6 # Sample ID G/C Matrix # Cont MS/MSD **Date Collected Time Collected Special Instructions/Comments** TOLOPHIN 1 802 10, 7M 4 TAPIAL1-SB04D-9-112224-00-T1 SB 11:35 g no 11/22/2024 X х х X TAPIAL1-SB041-4-112224-00-T1 2 SB g no 11/22/2024 12:50 Х Х х TOCE OH in 1 BOX 15 3 4 5 6 7 -8 9 10 11

| [| Shipping Airbill Number: | 7701 6 | 148 1829 | |] | | | | | Cooler Number: | | of | |] |
|-----|--------------------------|----------|----------|-------------|----|------|----|-------|----------------------|-------------------------|----------|-------------|-------|--------------------|
| | Relinquished By | Date | Time | Received By | | Date | , | Time | | Additional | Comm | ents | | |
| 1.) | The la the | 11/28/24 | 1620 | Deen | 11 | 23 | 24 | 10-00 | QSM 6.0 Compliant | | | | | |
| 2.) | | | | | | | | 1.3.0 | Deliverable Requirem | tents: DoD Level IV rep | ort, Env | riroData El | DĐ, a | nd ERIS-compatible |
| 3.) | | | | | | | | | | | | | | |

12

6.2

| From: | Harrington, Cheyenne <cheyenne.harrington@westonsolutions.com></cheyenne.harrington@westonsolutions.com> |
|--------------|--|
| Sent: | Saturday, November 23, 2024 3:49 PM |
| То: | Jordan Hedvat; ProjectManagers@chemtech.net |
| Cc: | Sembrot, David; Sollenberger, Christopher; Fretz, Nathan |
| Subject: | Ft Meade Sample Shipment 11.22.24 |
| Attachments: | 11.22.24 COC.pdf |

Hi there,

We shipped one sample cooler yesterday via FedEx that was delivered this morning. Please correct the sample ID for sample number 2 on all three chains to TAPIAL1-SB04D-4-112224-00-T1. Note that the sample container column was accidentally left blank on all chains, but the sample containers will be clearly labeled. A copy of the COCs is attached.

Please confirm this sample cooler was received.

Thank you, Cheyenne

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From: Budnovitch, Joe <Joe.Budnovitch@WestonSolutions.com>
Sent: Friday, November 22, 2024 5:15:16 PM
To: Harrington, Cheyenne <Cheyenne.Harrington@WestonSolutions.com>
Subject: 11.22.24 Shipping Docs

Attached is the shipping label, receipt, and COCs.

Joe

Get Outlook for iOS

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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 |