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

# ANALYTICAL RESULTS SUMMARY

GENERAL CHEMISTRY
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 : Q1295**

**ATTENTION : Nathan Fretz**

**Laboratory Certification ID # 20012**

Table Of Contents for Q1295

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# Cover Page

**Order ID :** Q1295

**Project ID :** Ft Meade Tipton Airfield Parcel RI - PO 0111169

**Client :** Weston Solutions

| Lab Sample Number | Client Sample Number |
|---|---|
| Q1295-01 | TAPFTA-SB01D-020425-00-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 : APPROVED
*By Nimisha Pandya, QA/QC Supervisor at 9:43 am, Feb 21, 2025*

Date: 2/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**Weston Solutions**
**Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169**
**Project # N/A**
**Chemtech Project # Q1295**
**Test Name: Metals ICP-TAL,Mercury**

**A. Number of Samples and Date of Receipt:**
1 Solid sample was received on 02/05/2025.

**B. Parameters:**
According to the Chain of Custody document, the following analyses were requested: Anions Group1, Mercury, Metals ICP-TAL, METALS-TAL, pH and TOC. This data package contains results for Metals ICP-TAL,Mercury.

**C. Analytical Techniques:**
The analysis of Metals ICP-TAL was based on method 6020B, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (TAPFTA-SB01D-020425-00-T1MS) analysis met criteria for all samples except for Arsenic, Iron, Potassium and Silver due to Chemical Interference during Digestion process.
The Matrix Spike Duplicate (TAPFTA-SB01D-020425-00-T1MSD) analysis met criteria for all samples except for Arsenic, Potassium and Silver due to Chemical Interference during Digestion process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

Q1295-01 and its Qcs sample analyzed Straight X5 dilution because of high interferent samples.
Internal standard 89Y(1)was out Side qc limit for samples Q1295-01 and its Qcs in Original so for these samples affected parameters are reported from 5X Dilution.

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.

**Calculation for ICP-MS Soil Sample:**

Conversion of Results from µg /L or ppb to mg/kg :

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

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

**Calculation for Hg Soil Sample:**

Conversion of Results from µg /L or ppb to mg/kg :

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

Where,

C = Instrument response in µg/L from the calibration curve.
Vf = Final prepared (absorbing solution) volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

---

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

Signature APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:43 am, Feb 21, 2025

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# CASE NARRATIVE

**Weston Solutions**
**Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169**
**Project # N/A**
**Chemtech Project # Q1295**
**Test Name: pH,TOC,Anions Group1**

**A. Number of Samples and Date of Receipt:**
1 Solid sample was received on 02/05/2025.

**B. Parameters:**
According to the Chain of Custody document, the following analyses were requested: Anions Group1, Mercury, Metals ICP-TAL, METALS-TAL, pH and TOC. This data package contains results for pH,TOC,Anions Group1.

**C. Analytical Techniques:**
The analysis of pH was based on method 9045D, The analysis of Anions Group1 was based on method 9056A and The analysis of TOC was based on method 9060A.

**D. QA/ QC Samples:**
The Holding Times were met for all samples except for TAPFTA-SB01D-020425-00-T1 of pH as sample receive out of holding time.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

**E. Additional Comments:**

---

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

Signature_____ APPROVED
*By Nimisha Pandya, QA/QC Supervisor at 9:44 am, Feb 21, 2025*

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



## 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 |
| **E** | Indicates the reported value is estimated because of the presence of interference |
| **M** | Indicates Duplicate injection precision not met. |
| **N** | 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** | Method qualifiers<br>**"P"** for ICP instrument<br>**"PM"** for ICP when Microwave Digestion is used<br>**"CV"** for Manual Cold Vapor AA<br>**"AV"** for automated Cold Vapor AA<br>**"CA"** for MIDI-Distillation Spectrophotometric<br>**"AS"** for Semi –Automated Spectrophotometric<br>**"C"** for Manual Spectrophotometric<br>**"T"** for Titrimetric<br>**"NR"** for analyte not required to be analyzed |
| **OR** | Indicates 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 |
| H | Sample Analysis Out Of Hold Time |

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q1295

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

**QA Review Signature:** SOHIL JODHANI **Date:** 02/20/2025

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1295 **Order ID:** Q1295

**Client:** Weston Solutions **Project ID:** Ft Meade Tipton Airfield Parcel RI - PO 01

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **TAPFTA-SB01D-020425-00-T1** | | | | | | | | |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Aluminum | 3400 | D | 1.28 | 2.28 | 4.56 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Antimony | 0.032 | JD | 0.023 | 0.17 | 0.46 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Arsenic | 0.72 | D | 0.021 | 0.057 | 0.23 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Barium | 13.7 | D | 0.084 | 0.28 | 2.28 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Beryllium | 0.16 | JD | 0.057 | 0.17 | 0.23 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Calcium | 611 | D | 15.4 | 43.4 | 114 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Chromium | 5.34 | D | 0.055 | 0.11 | 0.46 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Cobalt | 1.08 | D | 0.018 | 0.057 | 0.23 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Copper | 2.22 | D | 0.13 | 0.23 | 0.46 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Iron | 4320 | D | 2.53 | 2.85 | 11.4 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Lead | 3.39 | D | 0.034 | 0.17 | 0.23 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Magnesium | 323 | D | 6.16 | 43.4 | 114 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Manganese | 12.4 | D | 0.078 | 0.11 | 0.23 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Nickel | 2.02 | D | 0.037 | 0.057 | 0.23 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Mercury | 0.013 | | 0.0060 | 0.011 | 0.013 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Potassium | 165 | D | 9.08 | 43.4 | 114 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Thallium | 0.050 | JD | 0.023 | 0.11 | 0.23 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Vanadium | 7.63 | D | 0.018 | 0.057 | 1.14 | mg/Kg |
| Q1295-01 | TAPFTA-SB01D-020425-00-T1 | SOIL | Zinc | 5.97 | D | 0.30 | 0.34 | 1.14 | mg/Kg |

# SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions | Date Collected: | 02/04/25 |
| Project: | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | Date Received: | 02/05/25 |
| Client Sample ID: | TAPFTA-SB01D-020425-00-T1 | SDG No.: | Q1295 |
| Lab Sample ID: | Q1295-01 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 90.9 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3400 | D | 5 | 1.28 | 2.28 | 4.56 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-36-0 | Antimony | 0.032 | JD | 5 | 0.023 | 0.17 | 0.46 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-38-2 | Arsenic | 0.72 | DN | 5 | 0.021 | 0.057 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-39-3 | Barium | 13.7 | D | 5 | 0.084 | 0.28 | 2.28 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-41-7 | Beryllium | 0.16 | JD | 5 | 0.057 | 0.17 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-43-9 | Cadmium | 0.17 | UD | 5 | 0.062 | 0.17 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-70-2 | Calcium | 611 | D | 5 | 15.4 | 43.4 | 114 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-47-3 | Chromium | 5.34 | D | 5 | 0.055 | 0.11 | 0.46 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-48-4 | Cobalt | 1.08 | D | 5 | 0.018 | 0.057 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-50-8 | Copper | 2.22 | D | 5 | 0.13 | 0.23 | 0.46 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7439-89-6 | Iron | 4320 | DN | 5 | 2.53 | 2.85 | 11.4 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7439-92-1 | Lead | 3.39 | D | 5 | 0.034 | 0.17 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7439-95-4 | Magnesium | 323 | D | 5 | 6.16 | 43.4 | 114 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7439-96-5 | Manganese | 12.4 | D | 5 | 0.078 | 0.11 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7439-97-6 | Mercury | 0.013 | | 1 | 0.0060 | 0.011 | 0.013 | mg/Kg | 02/05/25 16:30 | 02/06/25 15:05 | SW7471B | |
| 7440-02-0 | Nickel | 2.02 | D | 5 | 0.037 | 0.057 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-09-7 | Potassium | 165 | DN | 5 | 9.08 | 43.4 | 114 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7782-49-2 | Selenium | 2.05 | UD | 10 | 0.55 | 2.05 | 2.28 | mg/Kg | 02/14/25 09:05 | 02/17/25 14:10 | SW6020 | SW3050 |
| 7440-22-4 | Silver | 0.11 | UDN | 5 | 0.059 | 0.11 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-23-5 | Sodium | 57.1 | UD | 5 | 13.9 | 57.1 | 114 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-28-0 | Thallium | 0.050 | JD | 5 | 0.023 | 0.11 | 0.23 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-62-2 | Vanadium | 7.63 | D | 5 | 0.018 | 0.057 | 1.14 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |
| 7440-66-6 | Zinc | 5.97 | D | 5 | 0.30 | 0.34 | 1.14 | mg/Kg | 02/14/25 09:05 | 02/17/25 13:29 | SW6020 | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | |
| Comments: | METALS-TAL | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet 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

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q1295 | **OrderDate:** | 2/5/2025 11:41:00 AM |
| **Client:** | Weston Solutions | **Project:** | Ft Meade Tipton Airfield Parcel RI - PO 0111169 |
| **Contact:** | Nathan Fretz | **Location:** | N41 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q1295-01** | **TAPFTA-SB01D-02042 5-00-T1** | **SOIL** | | | **02/04/25** | | | **02/05/25** |
| | | | Mercury | 7471B | | 02/05/25 | 02/06/25 | |
| | | | Metals ICP-TAL | 6020B | | 02/14/25 | 02/17/25 | |

# SAMPLE DATA

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



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions | Date Collected: | 02/04/25 09:25 |
| Project: | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | Date Received: | 02/05/25 |
| Client Sample ID: | TAPFTA-SB01D-020425-00-T1 | SDG No.: | Q1295 |
| Lab Sample ID: | Q1295-01 | Matrix: | SOIL |
| | | % Solid: | 90.9 |

| Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 22.0 | U | 1 | 0.54 | 22.0 | 44.0 | mg/Kg | | 02/05/25 15:53 | 9056A |
| Chloride | 3.90 | J | 1 | 0.11 | 6.60 | 13.2 | mg/Kg | | 02/05/25 15:53 | 9056A |
| Fluoride | 2.40 | J | 1 | 0.42 | 4.40 | 8.80 | mg/Kg | | 02/05/25 15:53 | 9056A |
| Nitrite | 6.60 | U | 1 | 0.21 | 6.60 | 13.2 | mg/Kg | | 02/05/25 15:53 | 9056A |
| Nitrate | 5.50 | U | 1 | 0.098 | 5.50 | 11.0 | mg/Kg | | 02/05/25 15:53 | 9056A |
| Sulfate | 11.2 | J | 1 | 0.67 | 33.0 | 66.0 | mg/Kg | | 02/05/25 15:53 | 9056A |
| pH | 6.74 | H | 1 | 0 | 0 | 0 | pH | | 02/06/25 08:55 | 9045D |
| TOC | 3990 | | 1 | 19.8 | 50.0 | 250 | mg/Kg | | 02/10/25 11:29 | 9060A |

Comments: pH result reported at temperature 20.9 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
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

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q1295 | **OrderDate:** | 2/5/2025 11:41:00 AM |
| **Client:** | Weston Solutions | **Project:** | Ft Meade Tipton Airfield Parcel RI - PO 0111169 |
| **Contact:** | Nathan Fretz | **Location:** | N41 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q1295-01** | **TAPFTA-SB01D-02042 5-00-T1** | **SOIL** | | | **02/04/25 09:25** | | | **02/05/25** |
| | | | Anions Group1 | 9056A | | | 02/05/25 15:53 | |
| | | | pH | 9045D | | | 02/06/25 08:55 | |
| | | | TOC | 9060A | | | 02/10/25 11:29 | |

# SHIPPING DOCUMENTS

Q1295

| Weston COC ID |
|---|
| Weston_20250204_1140 |

# Chain of Custody Record/Lab Work Request

| Page | 1 | of | 1 |
|---|---|---|---|

| | | | |
|---|---|---|---|
| **Client:** | Weston Solutions, Inc. | | |
| **Project Manager:** | David Sembrot | | |
| **Street Address:** | 1400 Weston Way | City: | West Chester |
| **Phone:** | 610-314-5456 | ST, ZIP: | PA, 19038 |
| **e-mail:** | david.sembrot@westonsolutions.com | | |
| **Sampled By:** | Mike Giles | | |

| | | | |
|---|---|---|---|
| **Project Name:** | Fort Meade RI | **Project POC:** | Nathan Fretz |
| **PO Number** | 0111169 | **Phone:** | 484-524-5665 |
| **W.O. #:** | | **POC e-mail:** | nathan.fretz@westonsolutions.com |
| **Lab:** | CHEMTECH | **Lab POC:** | Yazmeen Gomez |
| **TAT (days):** | 21 | **Lab Phone:** | 908-728-3144 |
| **Lab Address:** | 284 Sheffield Street Mountainside, NJ 07092 | | |

| Matrix Codes |
|---|
| SS - Soil |
| SE - Sediment |
| SO - Solid |
| SL - Sludge |
| GW - Groundwater |
| W - Water |
| SB - Soil Boring |
| A - Air |
| DS - Drum Solids |
| DL - Drum Liquids |
| L - EP/TCLP Leachate |
| WI - Wipe |
| X - Other |
| F - Fish |

| Lab Use Only | | |
|---|---|---|
| Temperature of cooler when received (°C) | | |
| COC Tape was present and unbroken on outer package? | Y | N |
| Samples received in good condition? | Y | N |
| Labels indicate properly preserved? | Y | N |
| Received within holding times? | Y | N |
| Discrepancies between sample labels and COC record? | Y | N |

| # | Sample ID | G/C | Matrix | # Cont | MS/MSD | Date Collected | Time Collected | Analyses Requested: Anions by EPA 9056A | Metals w Hg by EPA 6020B and 7470A | pH by EPA 9045D and TOC by 9060A | Special Instructions/Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Container Type:** | | | | | | | Glass | Glass | Glass | |
| | **Container Size:** | | | | | | | 8 oz | 8 oz | 8 oz | |
| | **Preservative:** | | | | | | | Ice to 0-6 deg | Ice to 0-6 deg | Ice to 0-6 deg | |
| 1 | TAPFTA-SB01D-020425-00-T1 | g | SB | 3 | no | 2/4/2025 | 9:25 | X | X | X | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |

**Shipping Airbill Number:** 7714 6425 1549

**Cooler Number:** ____ of ____

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1.) | [signature] | 04 Feb 25 | 1800 | [signature] | 2-5-25 | 9:25 |
| 2.) | | | | | | |
| 3.) | | | | | | |

**Additional Comments**

QSM 6.0 Compliant

Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD

IR Cont 1 1.8

# 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 |