



LAB CHRONICLE

|          |                  |            |                                                 |
|----------|------------------|------------|-------------------------------------------------|
| OrderID: | P5213            | OrderDate: | 12/9/2024 9:51:00 AM                            |
| Client:  | Weston Solutions | Project:   | Ft Meade Tipton Airfield Parcel RI - PO 0111169 |
| Contact: | Nathan Fretz     | Location:  | L51                                             |

| LabID    | ClientID                          | Matrix | Test | Method | Sample Date       | Prep Date | Anal Date         | Received |
|----------|-----------------------------------|--------|------|--------|-------------------|-----------|-------------------|----------|
| P5213-01 | TAPIAL3-SB03I-15-12<br>0624-00-T1 | SOIL   |      |        | 12/06/24<br>11:40 |           |                   | 12/07/24 |
|          |                                   |        | pH   | 9045D  |                   |           | 12/10/24<br>08:15 |          |
|          |                                   |        | TOC  | 9060A  |                   |           | 12/17/24<br>12:42 |          |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                   |                                                 |                 |                |
|-------------------|-------------------------------------------------|-----------------|----------------|
| Client:           | Weston Solutions                                | Date Collected: | 12/06/24 11:40 |
| Project:          | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | Date Received:  | 12/07/24       |
| Client Sample ID: | TAPIAL3-SB03I-15-120624-00-T1                   | SDG No.:        | P5213          |
| Lab Sample ID:    | P5213-01                                        | Matrix:         | SOIL           |
|                   |                                                 | % Solid:        | 89.6           |

| Parameter | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|------|------|------------|-------|-----------|----------------|----------|
| pH        | 5.00  | H    | 1  | 0    | 0    | 0          | pH    |           | 12/10/24 08:15 | 9045D    |
| TOC       | 753   |      | 1  | 19.8 | 50.0 | 250        | mg/Kg |           | 12/17/24 12:42 | 9060A    |

Comments: pH result reported at temperature 23.1 °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

# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** Weston Solutions

**SDG No.:** P5213

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

**RunNo.:** LB133854

| Analyte                      | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV</b><br>pH  | pH    | 7.00   | 7          | 100        | 90-110                 | 12/10/2024    |
| Sample ID: <b>CCV1</b><br>pH | pH    | 2.01   | 2.00       | 101        | 90-110                 | 12/10/2024    |
| Sample ID: <b>CCV2</b><br>pH | pH    | 12.02  | 12.00      | 100        | 90-110                 | 12/10/2024    |

## Initial and Continuing Calibration Verification

**Client:** Weston Solutions

**SDG No.:** P5213

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

**RunNo.:** LB133969

| Analyte                       | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|-------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV1</b><br>TOC | mg/L  | 934    | 1000       | 93         | 90-110                 | 11/12/2024    |
| Sample ID: <b>CCV1</b><br>TOC | mg/L  | 986    | 1000       | 99         | 90-110                 | 12/17/2024    |
| Sample ID: <b>CCV2</b><br>TOC | mg/L  | 1060   | 1000       | 106        | 90-110                 | 12/17/2024    |

### Initial and Continuing Calibration Blank Summary

**Client:** Weston Solutions

**SDG No.:** P5213

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

**RunNo.:** LB133969

| Analyte                       | Units | Result     | Acceptance<br>Limits | Conc<br>Qual | MDL  | RDL | Analysis<br>Date |
|-------------------------------|-------|------------|----------------------|--------------|------|-----|------------------|
| Sample ID: <b>ICB1</b><br>TOC | mg/L  | < 125.0000 | 125.0000             | U            | 22.3 | 250 | 11/12/2024       |
| Sample ID: <b>CCB1</b><br>TOC | mg/L  | < 125.0000 | 125.0000             | U            | 22.3 | 250 | 12/17/2024       |
| Sample ID: <b>CCB2</b><br>TOC | mg/L  | < 125.0000 | 125.0000             | U            | 22.3 | 250 | 12/17/2024       |

### Preparation Blank Summary

**Client:** Weston Solutions

**SDG No.:** P5213

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

| Analyte    | Units              | Result | Acceptance<br>Limits | Conc<br>Qual | MDL  | RDL | Analysis<br>Date |
|------------|--------------------|--------|----------------------|--------------|------|-----|------------------|
| Sample ID: | <b>LB133969BLS</b> |        |                      |              |      |     |                  |
| TOC        | mg/Kg              | 28.9   | 125.0000             | J            | 19.8 | 250 | 12/17/2024       |



## Matrix Spike Summary

|                   |                                                 |                                         |          |
|-------------------|-------------------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Weston Solutions                                | <b>SDG No.:</b>                         | P5213    |
| <b>Project:</b>   | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | <b>Sample ID:</b>                       | P5236-01 |
| <b>Client ID:</b> | TAPIAL3-SB03D-3-120724-00-T01MS                 | <b>Percent Solids for Spike Sample:</b> | 85.2     |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| TOC     | mg/Kg | 75-125                 | 1910             |                    | 899              |                    | 1000           | 1                  | 101      |      | 12/17/2024       |

## Matrix Spike Summary

|                   |                                                 |                                         |          |
|-------------------|-------------------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Weston Solutions                                | <b>SDG No.:</b>                         | P5213    |
| <b>Project:</b>   | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | <b>Sample ID:</b>                       | P5236-01 |
| <b>Client ID:</b> | TAPIAL3-SB03D-3-120724-00-T01MSD                | <b>Percent Solids for Spike Sample:</b> | 85.2     |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| TOC     | mg/Kg | 75-125                 | 1910             |                    | 899              |                    | 1000           | 1                  | 101      |      | 12/17/2024       |

Duplicate Sample Summary

Client:

Weston Solutions

Project:

Ft Meade Tipton Airfield Parcel RI - PO 0111169

Client ID:

GAS-AUD-1562DUP

SDG No.:

P5213

Sample ID:

P5220-01

Percent Solids for Spike Sample:

100

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | Conc.<br>Qualifier | Duplicate<br>Result | Conc.<br>Qualifier | Dilution<br>Factor | RPD/<br>AD | Qual | Analysis<br>Date |
|---------|-------|---------------------|------------------|--------------------|---------------------|--------------------|--------------------|------------|------|------------------|
| pH      | pH    | +/-20               | 5.72             |                    | 5.73                |                    | 1                  | 0.17       |      | 12/10/2024       |

## Duplicate Sample Summary

|                   |                                                 |                                         |          |
|-------------------|-------------------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Weston Solutions                                | <b>SDG No.:</b>                         | P5213    |
| <b>Project:</b>   | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | <b>Sample ID:</b>                       | P5236-01 |
| <b>Client ID:</b> | TAPIAL3-SB03D-3-120724-00-T01MSD                | <b>Percent Solids for Spike Sample:</b> | 85.2     |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| TOC     | mg/Kg | +/-20            | 1910          |                 | 1910             |                 | 1               | 0      |      | 12/17/2024    |

### Laboratory Control Sample Summary

|                 |                                                 |                 |          |
|-----------------|-------------------------------------------------|-----------------|----------|
| <b>Client:</b>  | Weston Solutions                                | <b>SDG No.:</b> | P5213    |
| <b>Project:</b> | Ft Meade Tipton Airfield Parcel RI - PO 0111169 | <b>Run No.:</b> | LB133969 |

| Analyte   | Units       | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|-------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | LB133969BSS |            |        |                 |            |                 |                     |               |
| TOC       | mg/Kg       | 1000       | 987    |                 | 99         | 1               | 90-110              | 12/17/2024    |