

LAB CHRONICLE

OrderID:	Q1548	OrderDate:	3/12/2025 9:35:00 AM
Client:	Weston Solutions	Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169
Contact:	Nathan Fretz	Location:	I41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1548-01	TAPLPR-SED12-03112 5-00-T2	SOIL			03/11/25 12:05			03/12/25
			pH	9045D				
			TOC	9060A			03/13/25 09:14 03/20/25 10:40	
Q1548-02	TAPLPR-SED13-03112 5-00-T2	SOIL			03/11/25 12:55			03/12/25
			pH	9045D				
			TOC	9060A			03/13/25 09:25 03/20/25 11:08	
Q1548-03	TAPIAL2-SED03-0311 25-00-T2	SOIL			03/11/25 13:55			03/12/25
			pH	9045D				
			TOC	9060A			03/13/25 09:33 03/20/25 12:51	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	03/11/25 12:05
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/12/25
Client Sample ID:	TAPLPR-SED12-031125-00-T2	SDG No.:	Q1548
Lab Sample ID:	Q1548-01	Matrix:	SOIL
		% Solid:	84.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	6.29	H	1	0	0	0	pH		03/13/25 09:14	9045D
TOC	2110		1	28.9	50.0	250	mg/Kg		03/20/25 10:40	9060A

Comments: pH result reported at temperature 21.4 °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

Report of Analysis

Client:	Weston Solutions	Date Collected:	03/11/25 12:55
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/12/25
Client Sample ID:	TAPLPR-SED13-031125-00-T2	SDG No.:	Q1548
Lab Sample ID:	Q1548-02	Matrix:	SOIL
		% Solid:	55.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	5.63	H	1	0	0	0	pH		03/13/25 09:25	9045D
TOC	15500	OR	1	28.9	50.0	250	mg/Kg		03/20/25 11:08	9060A

Comments: pH result reported at temperature 21.3 °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

Report of Analysis

Client:	Weston Solutions	Date Collected:	03/11/25 13:55
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/12/25
Client Sample ID:	TAPIAL2-SED03-031125-00-T2	SDG No.:	Q1548
Lab Sample ID:	Q1548-03	Matrix:	SOIL
		% Solid:	72

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	4.57	H	1	0	0	0	pH		03/13/25 09:33	9045D
TOC	11200		1	28.9	50.0	250	mg/Kg		03/20/25 12:51	9060A

Comments: pH result reported at temperature 20.6 °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.: Q1548

Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169

RunNo.: LB135014

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.01	7	100	90-110	03/13/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	03/13/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	03/13/2025

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1548

Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169

RunNo.: LB135101

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
TOC		mg/L	1030	1000	103	90-110	03/14/2025
Sample ID:	CCV1						
TOC		mg/L	1030	1000	103	90-110	03/20/2025
Sample ID:	CCV2						
TOC		mg/L	1050	1000	105	90-110	03/20/2025

Initial and Continuing Calibration Blank Summary

Client:	Weston Solutions	SDG No.:	Q1548
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	RunNo.:	LB135101

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	03/14/2025
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	03/20/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	03/20/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1548

Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135101BLS mg/Kg	< 125.0000	125.0000	U	28.9	250	03/20/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1548
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Sample ID:	Q1548-02
Client ID:	TAPLPR-SED13-031125-00-T2MS	Percent Solids for Spike Sample:	55.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	16300	OR	15500	OR	1000	1	80		03/20/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1548
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Sample ID:	Q1548-02
Client ID:	TAPLPR-SED13-031125-00-T2MSD	Percent Solids for Spike Sample:	55.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	16200	OR	15500	OR	1000	1	70	*	03/20/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1548
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Sample ID:	Q1548-01
Client ID:	TAPLPR-SED12-031125-00-T2DUP	Percent Solids for Spike Sample:	84.6

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	6.29		6.30		1	0.16		03/13/2025

Duplicate Sample Summary

Client: Weston Solutions Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Client ID: TAPLPR-SED13-031125-00-T2MSD	SDG No.: Q1548 Sample ID: Q1548-02 Percent Solids for Spike Sample: 55.5
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	16300	OR	16200	OR	1	1		03/20/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1548
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Run No.:	LB135101

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135101BSS							
TOC	mg/Kg	1000	1020		102	1	90-110	03/20/2025