

LAB CHRONICLE

OrderID:	Q1570	OrderDate:	3/14/2025 10:45:00 AM
Client:	Weston Solutions	Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169
Contact:	Nathan Fretz	Location:	I33

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1570-01	TAP-IDW-SOIL-03132 5-01	SOIL			03/13/25 10:20			03/14/25
			Reactive Cyanide	9012B		03/14/25	03/14/25 15:50	
			Reactive Sulfide	9034		03/17/25	03/18/25 11:53	
Q1570-02	TAP-IDW-SOIL-03132 5-02	SOIL			03/13/25 10:50			03/14/25
			Reactive Cyanide	9012B		03/14/25	03/14/25 15:50	
			Reactive Sulfide	9034		03/17/25	03/18/25 11:56	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	03/13/25 10:20
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25
Client Sample ID:	TAP-IDW-SOIL-031325-01	SDG No.:	Q1570
Lab Sample ID:	Q1570-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Reactive Cyanide	0.13	U	1	0.044	0.13	0.25	mg/Kg	03/14/25 13:50	03/14/25 15:50	9012B
Reactive Sulfide	4.73	J	1	0.20	5.00	10.0	mg/Kg	03/17/25 15:20	03/18/25 11:53	9034

Comments: _____

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:	03/13/25 10:50
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25
Client Sample ID:	TAP-IDW-SOIL-031325-02	SDG No.:	Q1570
Lab Sample ID:	Q1570-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Reactive Cyanide	0.12	U	1	0.043	0.12	0.25	mg/Kg	03/14/25 13:50	03/14/25 15:50	9012B
Reactive Sulfide	1.59	J	1	0.20	5.00	10.0	mg/Kg	03/17/25 15:20	03/18/25 11:56	9034

Comments:

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.: Q1570

Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169

RunNo.: LB135043

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.092	0.099	93	85-115	03/14/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/14/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/14/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	03/14/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: Q1570

Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169

RunNo.: LB135043

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/14/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/14/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/14/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/14/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1570

Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB167122BL							
Reactive Cyanide	mg/Kg	< 0.1250	0.1250	U	0.044	0.25	03/14/2025
Sample ID: PB167149BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	03/18/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1570
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Sample ID:	Q1547-05
Client ID:	OR-620-JB-COMP-01DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.042	U	0.043	U	1	0		03/14/2025

Duplicate Sample Summary

Client: Weston Solutions	SDG No.: Q1570
Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169	Sample ID: Q1568-04
Client ID: JC-03-03132025DUP	Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Sulfide	mg/Kg	+/-20	1.59	J	1.59	J	1	0		03/18/2025