



LAB CHRONICLE

OrderID:	P5380	OrderDate:	12/23/2024 9:50:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	N31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5380-01	TAPIAL3-IDW-SOIL-1 22024-T1	SOIL			12/20/24 14:15			12/21/24
			Cyanide	9012B		12/31/24	12/31/24 12:38	
			Ignitability	1030			12/27/24 08:30	
			pH	9045D			12/27/24 09:55	
			Sulfide	9034		12/30/24	12/30/24 13:26	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/20/24 14:15
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/21/24
Client Sample ID:	TAPIAL3-IDW-SOIL-122024-T1	SDG No.:	P5380
Lab Sample ID:	P5380-01	Matrix:	SOIL
		% Solid:	86.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.23	U	1	0.049	0.23	0.28	mg/Kg	12/31/24 08:50	12/31/24 12:38	9012B
Ignitability	NO		1	0	0	0	oC		12/27/24 08:30	1030
pH	10.5	H	1	0	0	0	pH		12/27/24 09:55	9045D
Sulfide	3.70	J	1	2.15	5.77	11.5	mg/Kg	12/30/24 08:45	12/30/24 13:26	9034

Comments: pH result reported at temperature 20.2 °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.: P5380

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

RunNo.: LB134101

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.00	7	100	90-110	12/27/2024
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	12/27/2024
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	12/27/2024

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: P5380

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

RunNo.: LB134137

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.097	0.099	98	90-110	12/31/2024
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	12/31/2024
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	12/31/2024

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: P5380

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

RunNo.: LB134137

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/31/2024
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/31/2024
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/31/2024

Preparation Blank Summary

Client: Weston Solutions

SDG No.: P5380

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Sulfide	PB165915BL mg/Kg	< 5.0000	5.0000	U	1.86	10.0	12/30/2024
Sample ID: Cyanide	PB165932BL mg/Kg	< 0.1250	0.1250	U	0.044	0.25	12/31/2024

Matrix Spike Summary

Client:

Weston Solutions

SDG No.:

P5380

Project:

Ft Meade Tipton Airfield Parcel RI - PO 0111169

Sample ID:

P5380-01

Client ID:

TAPIAL3-IDW-SOIL-122024-T1MS

Percent Solids for Spike Sample:

86.3

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Sulfide	mg/Kg	75-125	236		3.70	J	290	1	80		12/30/2024
Cyanide	mg/Kg	75-125	1.80		0.049	U	2.3	1	78		12/31/2024

Matrix Spike Summary

Client: Weston Solutions **SDG No.:** P5380
Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169 **Sample ID:** P5380-01
Client ID: TAPIAL3-IDW-SOIL-122024-T1MSD **Percent Solids for Spike Sample:** 86.3

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Sulfide	mg/Kg	75-125	234		3.70	J	290	1	79		12/30/2024
Cyanide	mg/Kg	75-125	1.80		0.049	U	2.3	1	78		12/31/2024

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	P5380
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Sample ID:	P5380-01
Client ID:	TAPIAL3-IDW-SOIL-122024-T1DUP	Percent Solids for Spike Sample:	86.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	10.5		10.6		1	0.09		12/27/2024

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	P5380
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Sample ID:	P5380-01
Client ID:	TAPIAL3-IDW-SOIL-122024-T1DUP	Percent Solids for Spike Sample:	86.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Sulfide	mg/Kg	+/-20	3.70	J	3.70	J	1	0		12/30/2024
Cyanide	mg/Kg	+/-20	0.049	U	0.049	U	1	0		12/31/2024

Duplicate Sample Summary

Client:

Weston Solutions

SDG No.:

P5380

Project:

Ft Meade Tipton Airfield Parcel RI - PO 0111169

Sample ID:

P5380-01

Client ID:

TAPIAL3-IDW-SOIL-122024-T1MSD

Percent Solids for Spike Sample:

86.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Sulfide	mg/Kg	+/-20	236		234		1	0.85		12/30/2024
Cyanide	mg/Kg	+/-20	1.80		1.80		1	0		12/31/2024

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	P5380
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Sample ID:	P5386-04
Client ID:	MOO-24-00395-96DUP	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
Ignitability	oC	+/-20	NO		NO		1	0		12/27/2024

Laboratory Control Sample Summary

Client: Weston Solutions

SDG No.: P5380

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

Run No.: LB134121

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB165915BS							
Sulfide	mg/Kg	250	219		88	1	80-120	12/30/2024

Laboratory Control Sample Summary

Client: Weston Solutions

SDG No.: P5380

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

Run No.: LB134137

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB165932BS							
Cyanide	mg/Kg	5	4.70		94	1	85-115	12/31/2024