

LAB CHRONICLE

OrderID:	P4605	OrderDate:	10/29/2024 11:02:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4605-01	TAPIAL2-SED02-1028 24-00-T2	SOIL	pH	9045D	10/28/24 09:35		10/29/24 16:30	10/29/24
			TOC	Lloyd Kahn			10/30/24 11:40	
P4605-02	TAPIAL2-SED01-1028 24-00-T2	SOIL	pH	9045D	10/28/24 09:50		10/29/24 16:35	10/29/24
			TOC	Lloyd Kahn			10/30/24 11:54	
P4605-03	TAPIAL3-SED01-1028 24-00-T2	SOIL	pH	9045D	10/28/24 10:30		10/29/24 16:40	10/29/24
			TOC	Lloyd Kahn			10/30/24 12:50	
P4605-04	TAPHHA-SED01-1028 24-00-T2	SOIL	pH	9045D	10/28/24 10:45		10/29/24 16:45	10/29/24
			TOC	Lloyd Kahn			10/30/24 13:02	
P4605-05	TAPHHA-SED02-1028 24-00-T2	SOIL	pH	9045D	10/28/24 11:10		10/29/24 16:50	10/29/24

LAB CHRONICLE

P4605-06	TAPLPR-SED11-10282 4-00-T2	SOIL	TOC	Lloyd Kahn		10/30/24 13:40	
					10/28/24 14:40		10/29/24
			pH	9045D		10/29/24 17:00	
			TOC	Lloyd Kahn		10/30/24 14:03	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	10/28/24 09:35
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	10/29/24
Client Sample ID:	TAPIAL2-SED02-102824-00-T2	SDG No.:	P4605
Lab Sample ID:	P4605-01	Matrix:	SOIL
		% Solid:	92

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	5.11	H	1	0	0	0	pH		10/29/24 16:30	9045D
TOC	1980		1	8.00	50.0	250	mg/Kg		10/30/24 11:40	Lloyd Kahn

Comments: pH result reported at temperature 23.4 °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:	10/28/24 09:50
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	10/29/24
Client Sample ID:	TAPIAL2-SED01-102824-00-T2	SDG No.:	P4605
Lab Sample ID:	P4605-02	Matrix:	SOIL
		% Solid:	85.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	4.89	H	1	0	0	0	pH		10/29/24 16:35	9045D
TOC	5490		1	8.00	50.0	250	mg/Kg		10/30/24 11:54	Lloyd Kahn

Comments: pH result reported at temperature 23.3 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	10/28/24 10:30
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	10/29/24
Client Sample ID:	TAPIAL3-SED01-102824-00-T2	SDG No.:	P4605
Lab Sample ID:	P4605-03	Matrix:	SOIL
		% Solid:	89.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	7.07	H	1	0	0	0	pH		10/29/24 16:40	9045D
TOC	8320		1	8.00	50.0	250	mg/Kg		10/30/24 12:50	Lloyd Kahn

Comments: pH result reported at temperature 24.5 °C

U = Not Detected

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	10/28/24 10:45
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	10/29/24
Client Sample ID:	TAPHHA-SED01-102824-00-T2	SDG No.:	P4605
Lab Sample ID:	P4605-04	Matrix:	SOIL
		% Solid:	85.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	6.35	H	1	0	0	0	pH		10/29/24 16:45	9045D
TOC	4730		1	8.00	50.0	250	mg/Kg		10/30/24 13:02	Lloyd Kahn

Comments: pH result reported at temperature 22.3 °C

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MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Weston Solutions	Date Collected:	10/28/24 11:10
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	10/29/24
Client Sample ID:	TAPHHA-SED02-102824-00-T2	SDG No.:	P4605
Lab Sample ID:	P4605-05	Matrix:	SOIL
		% Solid:	54.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	6.16	H	1	0	0	0	pH		10/29/24 16:50	9045D
TOC	21200	OR	1	8.00	50.0	250	mg/Kg		10/30/24 13:40	Lloyd Kahn

Comments: pH result reported at temperature 20.5 °C

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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:	10/28/24 14:40
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	10/29/24
Client Sample ID:	TAPLPR-SED11-102824-00-T2	SDG No.:	P4605
Lab Sample ID:	P4605-06	Matrix:	SOIL
		% Solid:	77.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	6.43	H	1	0	0	0	pH		10/29/24 17:00	9045D
TOC	2070		1	8.00	50.0	250	mg/Kg		10/30/24 14:03	Lloyd Kahn

Comments: pH result reported at temperature 23.2 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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.: P4605

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

RunNo.: LB133195

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.00	7	100	90-110	10/29/2024
Sample ID:	CCV1						
pH		pH	2.02	2.00	101	90-110	10/29/2024
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	10/29/2024

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: P4605

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

RunNo.: LB133199

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
TOC		mg/L	1010	1000	101	90-110	08/07/2024
Sample ID:	CCV1						
TOC		mg/L	1000	1000	100	90-110	10/30/2024
Sample ID:	CCV2						
TOC		mg/L	1020	1000	102	90-110	10/30/2024
Sample ID:	CCV3						
TOC		mg/L	1060	1000	106	90-110	10/30/2024

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: P4605

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

RunNo.: LB133199

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	08/07/2024
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	10/30/2024
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	10/30/2024
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	10/30/2024

Preparation Blank Summary

Client: Weston Solutions

SDG No.: P4605

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB133199BLS mg/Kg	18.4	125.0000	J	8	250	10/30/2024

Matrix Spike Summary

Client:

Weston Solutions

SDG No.:

P4605

Project:

Ft Meade Tipton Airfield Parcel RI - PO 0111169

Sample ID:

P4605-02

Client ID:

TAPIAL2-SED01-102824-00-T2MS

Percent Solids for Spike Sample:

85.8

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	6270		5490		1000	1	78		10/30/2024

Matrix Spike Summary

Client:

Weston Solutions

SDG No.:

P4605

Project:

Ft Meade Tipton Airfield Parcel RI - PO 0111169

Sample ID:

P4605-02

Client ID:

TAPIAL2-SED01-102824-00-T2MSD

Percent Solids for Spike Sample:

85.8

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	6440		5490		1000	1	95		10/30/2024

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	P4605
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Sample ID:	P4605-02
Client ID:	TAPIAL2-SED01-102824-00-T2MSD	Percent Solids for Spike Sample:	85.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	6270		6440		1	3		10/30/2024

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	P4605
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Sample ID:	P4617-03
Client ID:	CONCRETE-PILEDUP	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
pH	pH	+/-20	9.35		9.36		1	0.11		10/29/2024

Laboratory Control Sample Summary

Client: Weston Solutions

SDG No.: P4605

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169

Run No.: LB133199

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133199BSS							
TOC	mg/Kg	1000	1010		101	1	90-110	10/30/2024