

LAB CHRONICLE

OrderID:	Q1958	OrderDate:	5/5/2025 10:39:00 AM
Client:	Weston Solutions	Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD
Contact:	Kent Alexander	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1958-01	SS050P-SD28-043025-00	SOIL			04/30/25 13:10			05/05/25
			TOC	Lloyd Kahn			05/13/25 12:47	
Q1958-02	SS050P-SD29-043025-00	SOIL			04/30/25 13:30			05/05/25
			TOC	Lloyd Kahn			05/13/25 13:08	
Q1958-03	SS050P-SD30-050225-00	SOIL			05/02/25 08:15			05/05/25
			TOC	Lloyd Kahn			05/13/25 13:18	
Q1958-04	SS050P-SD31-050225-00	SOIL			05/02/25 08:35			05/05/25
			TOC	Lloyd Kahn			05/13/25 14:37	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/30/25 13:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	SS050P-SD28-043025-00	SDG No.:	Q1958
Lab Sample ID:	Q1958-01	Matrix:	SOIL
		% Solid:	81.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1700		1	43.4	50.0	250	mg/Kg		05/13/25 12:47	Lloyd Kahn

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:	04/30/25 13:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	SS050P-SD29-043025-00	SDG No.:	Q1958
Lab Sample ID:	Q1958-02	Matrix:	SOIL
		% Solid:	20.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	51700	OR	1	43.4	50.0	250	mg/Kg		05/13/25 13:08	Lloyd Kahn

Comments:

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LOD = Limit of Detection

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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:	05/02/25 08:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	SS050P-SD30-050225-00	SDG No.:	Q1958
Lab Sample ID:	Q1958-03	Matrix:	SOIL
		% Solid:	79.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	3840		1	43.4	50.0	250	mg/Kg		05/13/25 13:18	Lloyd Kahn

Comments:

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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:	05/02/25 08:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	SS050P-SD31-050225-00	SDG No.:	Q1958
Lab Sample ID:	Q1958-04	Matrix:	SOIL
		% Solid:	78.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	11100		1	43.4	50.0	250	mg/Kg		05/13/25 14:37	Lloyd Kahn

Comments:

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LOQ = Limit of Quantitation

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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

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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.: Q1958

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135748

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	1070	1000	107	90-110	05/13/2025
Sample ID: CCV2 TOC	mg/L	943	1000	94	90-110	05/13/2025
Sample ID: CCV3 TOC	mg/L	950	1000	95	90-110	05/13/2025

Initial and Continuing Calibration Blank Summary

Client:	Weston Solutions	SDG No.:	Q1958
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	RunNo.:	LB135748

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	03/14/2025
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	05/13/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	05/13/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	05/13/2025

Preparation Blank Summary

Client:

Weston Solutions

SDG No.:

Q1958

Project:

Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135748BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	05/13/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1958
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1958-03
Client ID:	SS050P-SD30-050225-00MS	Percent Solids for Spike Sample:	79.1

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	4880		3840		1000	1	104		05/13/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1958
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1958-03
Client ID:	SS050P-SD30-050225-00MSD	Percent Solids for Spike Sample:	79.1

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	5010		3840		1000	1	117		05/13/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1958
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1958-03
Client ID:	SS050P-SD30-050225-00MSD	Percent Solids for Spike Sample:	79.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	4880		5010		1	3		05/13/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1958
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135748

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135748BSS							
TOC	mg/Kg	1000	1050		105	1	90-110	05/13/2025