

LAB CHRONICLE

OrderID:	Q1838	OrderDate:	4/18/2025 10:30:00 AM
Client:	Weston Solutions	Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD
Contact:	Kent Alexander	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1838-01	AT054P-SD38-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 08:05		04/24/25 09:36	04/18/25
Q1838-02	AT054P-SD39-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 08:20		04/24/25 09:50	04/18/25
Q1838-03	SS050P-SD06-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 09:00		04/24/25 10:02	04/18/25
Q1838-04	SS057P-SD06-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 09:10		04/24/25 10:12	04/18/25
Q1838-05	SS057P-SD05-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 09:30		04/24/25 10:23	04/18/25
Q1838-06	SS050P-SD33-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 09:45		04/24/25 10:32	04/18/25
Q1838-07	SS050P-SD32-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 10:00		04/24/25 11:44	04/18/25



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 08:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT054P-SD38-041625-00	SDG No.:	Q1838
Lab Sample ID:	Q1838-01	Matrix:	SOIL
		% Solid:	65

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	34000	OR	1	43.4	50.0	250	mg/Kg		04/24/25 09:36	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:	04/16/25 08:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT054P-SD39-041625-00	SDG No.:	Q1838
Lab Sample ID:	Q1838-02	Matrix:	SOIL
		% Solid:	63.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	31500	OR	1	43.4	50.0	250	mg/Kg		04/24/25 09:50	Lloyd Kahn

Comments: _____

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 09:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	SS050P-SD06-041625-00	SDG No.:	Q1838
Lab Sample ID:	Q1838-03	Matrix:	SOIL
		% Solid:	62.1

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		04/24/25 10:02	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 09:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	SS057P-SD06-041625-00	SDG No.:	Q1838
Lab Sample ID:	Q1838-04	Matrix:	SOIL
		% Solid:	62.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	14700	OR	1	43.4	50.0	250	mg/Kg		04/24/25 10:12	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 09:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	SS057P-SD05-041625-00	SDG No.:	Q1838
Lab Sample ID:	Q1838-05	Matrix:	SOIL
		% Solid:	61.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	12500		1	43.4	50.0	250	mg/Kg		04/24/25 10:23	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 09:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	SS050P-SD33-041625-00	SDG No.:	Q1838
Lab Sample ID:	Q1838-06	Matrix:	SOIL
		% Solid:	78.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6200		1	43.4	50.0	250	mg/Kg		04/24/25 10:32	Lloyd Kahn

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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

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 10:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	SS050P-SD32-041625-00	SDG No.:	Q1838
Lab Sample ID:	Q1838-07	Matrix:	SOIL
		% Solid:	48.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	17800	OR	1	43.4	50.0	250	mg/Kg		04/24/25 11:44	Lloyd Kahn

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 N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1838

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135539

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	951	1000	95	90-110	04/24/2025
Sample ID: CCV2 TOC	mg/L	982	1000	98	90-110	04/24/2025
Sample ID: CCV3 TOC	mg/L	1010	1000	101	90-110	04/24/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: Q1838

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135539

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	04/24/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/24/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/24/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1838

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135539BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	04/24/2025

Matrix Spike Summary

Client: Weston Solutions **SDG No.:** Q1838
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD **Sample ID:** Q1838-06
Client ID: SS050P-SD33-041625-00MS **Percent Solids for Spike Sample:** 78.4

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	7090		6200		1000	1	89		04/24/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1838
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1838-06
Client ID:	SS050P-SD33-041625-00MSD	Percent Solids for Spike Sample:	78.4

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	7310		6200		1000	1	111		04/24/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1838
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1838-06
Client ID:	SS050P-SD33-041625-00MSD	Percent Solids for Spike Sample:	78.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	7090		7310		1	3		04/24/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1838
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135539

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135539BSS							
TOC	mg/Kg	1000	987		99	1	90-110	04/24/2025