

LAB CHRONICLE

OrderID:	Q1957	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
Q1957-01	AT090P-SD05-050125 -00	SOIL	TOC	Lloyd Kahn	05/01/25 08:10		05/13/25 11:39	05/05/25
Q1957-02	AT090P-SD03-050125 -00	SOIL	TOC	Lloyd Kahn	05/01/25 08:30		05/13/25 12:07	05/05/25
Q1957-03	AT090P-SD04-050125 -00	SOIL	TOC	Lloyd Kahn	05/01/25 08:55		05/13/25 12:28	05/05/25



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	05/01/25 08:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	AT090P-SD05-050125-00	SDG No.:	Q1957
Lab Sample ID:	Q1957-01	Matrix:	SOIL
		% Solid:	20

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	57300	OR	1	43.4	50.0	250	mg/Kg		05/13/25 11:39	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:	05/01/25 08:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	AT090P-SD03-050125-00	SDG No.:	Q1957
Lab Sample ID:	Q1957-02	Matrix:	SOIL
		% Solid:	25.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	39400	OR	1	43.4	50.0	250	mg/Kg		05/13/25 12:07	Lloyd Kahn

Comments:

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 LOQ = Limit of Quantitation
 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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 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	05/01/25 08:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	AT090P-SD04-050125-00	SDG No.:	Q1957
Lab Sample ID:	Q1957-03	Matrix:	SOIL
		% Solid:	8.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	59200	OR	1	43.4	50.0	250	mg/Kg		05/13/25 12:28	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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1957

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.:	Q1957
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.: Q1957

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.:	Q1957
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.:** Q1957
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.:	Q1957
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.:	Q1957
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