

LAB CHRONICLE

OrderID:	Q1775	OrderDate:	4/10/2025 11:16:00 AM
Client:	Weston Solutions	Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD
Contact:	Nathan Fretz	Location:	F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1775-01	SS050P-SD43-040725 -00	SOIL	TOC	Lloyd Kahn	04/07/25 08:35		04/14/25 11:11	04/10/25
Q1775-02	SS050P-SD42-040725 -00	SOIL	TOC	Lloyd Kahn	04/07/25 09:00		04/14/25 11:22	04/10/25
Q1775-03	SS050P-SD41-040725 -00	SOIL	TOC	Lloyd Kahn	04/07/25 09:20		04/14/25 11:37	04/10/25
Q1775-04	SS050P-SD40-040725 -00	SOIL	TOC	Lloyd Kahn	04/07/25 09:40		04/14/25 11:59	04/10/25
Q1775-05	SS050P-SD39-040725 -00	SOIL	TOC	Lloyd Kahn	04/07/25 10:00		04/14/25 12:28	04/10/25
Q1775-06	SS050P-SD38-040725 -00	SOIL	TOC	Lloyd Kahn	04/07/25 10:15		04/14/25 12:45	04/10/25
Q1775-07	SS050P-SD37-040725 -00	SOIL	TOC	Lloyd Kahn	04/07/25 11:00		04/14/25 13:04	04/10/25

LAB CHRONICLE

Q1775-08	SS050P-SD36-040725 -00	SOIL			04/07/25 11:10		04/10/25
			TOC	Lloyd Kahn		04/14/25 13:18	
Q1775-09	SS050P-SD35-040725 -00	SOIL			04/07/25 11:25		04/10/25
			TOC	Lloyd Kahn		04/14/25 13:55	
Q1775-10	SS050P-SD34-040725 -00	SOIL			04/07/25 11:45		04/10/25
			TOC	Lloyd Kahn		04/14/25 14:48	
Q1775-11	SS050P-SD33-040725 -00	SOIL			04/07/25 12:00		04/10/25
			TOC	Lloyd Kahn		04/14/25 15:05	
Q1775-12	SS050P-SD27-040725 -00	SOIL			04/07/25 13:10		04/10/25
			TOC	Lloyd Kahn		04/14/25 15:33	
Q1775-13	SS050P-SD28-040725 -00	SOIL			04/07/25 13:45		04/10/25
			TOC	Lloyd Kahn		04/14/25 15:56	
Q1775-14	SS050P-SD30-040725 -00	SOIL			04/07/25 14:30		04/10/25
			TOC	Lloyd Kahn		04/14/25 16:05	
Q1775-15	SS050P-SD31-040725 -00	SOIL			04/07/25 14:55		04/10/25
			TOC	Lloyd Kahn		04/14/25 16:15	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 08:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD43-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-01	Matrix:	SOIL
		% Solid:	48

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	18100	OR	1	43.4	50.0	250	mg/Kg		04/14/25 11:11	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

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 09:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD42-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-02	Matrix:	SOIL
		% Solid:	59.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	11200		1	43.4	50.0	250	mg/Kg		04/14/25 11:22	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 09:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD41-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-03	Matrix:	SOIL
		% Solid:	56.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	14800		1	43.4	50.0	250	mg/Kg		04/14/25 11:37	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 09:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD40-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-04	Matrix:	SOIL
		% Solid:	49.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	20400	OR	1	43.4	50.0	250	mg/Kg		04/14/25 11:59	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 10:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD39-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-05	Matrix:	SOIL
		% Solid:	64.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	15000		1	43.4	50.0	250	mg/Kg		04/14/25 12:28	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 10:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD38-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-06	Matrix:	SOIL
		% Solid:	71.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	18100	OR	1	43.4	50.0	250	mg/Kg		04/14/25 12:45	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 11:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD37-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-07	Matrix:	SOIL
		% Solid:	82.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	889		1	43.4	50.0	250	mg/Kg		04/14/25 13:04	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 11:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD36-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-08	Matrix:	SOIL
		% Solid:	82

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	3670		1	43.4	50.0	250	mg/Kg		04/14/25 13:18	Lloyd Kahn

Comments: _____

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 11:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD35-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-09	Matrix:	SOIL
		% Solid:	69.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9320		1	43.4	50.0	250	mg/Kg		04/14/25 13:55	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 11:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD34-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-10	Matrix:	SOIL
		% Solid:	55.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9870		1	43.4	50.0	250	mg/Kg		04/14/25 14:48	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 12:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD33-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-11	Matrix:	SOIL
		% Solid:	55.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	19000	OR	1	43.4	50.0	250	mg/Kg		04/14/25 15:05	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 13:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD27-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-12	Matrix:	SOIL
		% Solid:	64.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9640		1	43.4	50.0	250	mg/Kg		04/14/25 15:33	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 13:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD28-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-13	Matrix:	SOIL
		% Solid:	81.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1880		1	43.4	50.0	250	mg/Kg		04/14/25 15:56	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 14:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD30-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-14	Matrix:	SOIL
		% Solid:	81.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	2860		1	43.4	50.0	250	mg/Kg		04/14/25 16:05	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/07/25 14:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD31-040725-00	SDG No.:	Q1775
Lab Sample ID:	Q1775-15	Matrix:	SOIL
		% Solid:	79.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	8490		1	43.4	50.0	250	mg/Kg		04/14/25 16:15	Lloyd Kahn

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135408

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	973	1000	97	90-110	04/14/2025
Sample ID: CCV2 TOC	mg/L	1080	1000	108	90-110	04/14/2025
Sample ID: CCV3 TOC	mg/L	1020	1000	102	90-110	04/14/2025

Initial and Continuing Calibration Blank Summary

Client:	Weston Solutions	SDG No.:	Q1775
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	RunNo.:	LB135408

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	04/14/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/14/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/14/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135408BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	04/14/2025

Matrix Spike Summary

Client: Weston Solutions **SDG No.:** Q1775
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD **Sample ID:** Q1775-09
Client ID: SS050P-SD35-040725-00MS **Percent Solids for Spike Sample:** 69.1

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	10300		9320		1000	1	98		04/14/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1775
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1775-09
Client ID:	SS050P-SD35-040725-00MSD	Percent Solids for Spike Sample:	69.1

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	10400		9320		1000	1	108		04/14/2025

Duplicate Sample Summary

Client: Weston Solutions	SDG No.: Q1775
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID: Q1775-09
Client ID: SS050P-SD35-040725-00MSD	Percent Solids for Spike Sample: 69.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	10300		10400		1	1		04/14/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1775
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135408

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135408BSS							
TOC	mg/Kg	1000	1050		105	1	90-110	04/14/2025