

LAB CHRONICLE

OrderID:	Q1778	OrderDate:	4/10/2025 12:04:00 PM
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
Q1778-01	AT016P-SD03-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 08:35		04/17/25 10:13	04/10/25
Q1778-02	AT016P-SD09-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 09:00		04/17/25 10:26	04/10/25
Q1778-03	AT016P-SD10-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 09:20		04/17/25 10:45	04/10/25
Q1778-04	SS091P-SD06-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 09:55		04/17/25 10:54	04/10/25
Q1778-05	AT016P-SD07-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 10:15		04/17/25 11:06	04/10/25
Q1778-06	AT016P-SD08-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 10:25		04/17/25 11:45	04/10/25
Q1778-07	AT014P-SD16-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 11:05		04/17/25 12:31	04/10/25

LAB CHRONICLE

Q1778-08	AT014P-SD17-040825 -00	SOIL			04/08/25 11:25		04/10/25
			TOC	Lloyd Kahn		04/17/25 12:48	
Q1778-09	AT014P-SD18-040825 -00	SOIL			04/08/25 11:40		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:06	
Q1778-10	AT014P-SD19-040825 -00	SOIL			04/08/25 11:55		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:15	
Q1778-11	AT014P-SD21-040825 -00	SOIL			04/08/25 12:10		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:25	
Q1778-12	AT014P-SD20-040825 -00	SOIL			04/08/25 12:20		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:35	
Q1778-13	AT014P-SD15-040825 -00	SOIL			04/08/25 12:35		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:44	
Q1778-14	AT014P-SD22-040825 -00	SOIL			04/08/25 12:55		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:53	
Q1778-15	AT014P-SD23-040825 -00	SOIL			04/08/25 13:15		04/10/25
			TOC	Lloyd Kahn		04/17/25 14:05	
Q1778-16	AT016P-SD12-040825 -00	SOIL			04/08/25 14:15		04/10/25

LAB CHRONICLE

Q1778-17	AT016P-SD11-040925 -00	SOIL	TOC	Lloyd Kahn		04/17/25 14:14	
			TOC	Lloyd Kahn	04/09/25 08:05	04/17/25 15:01	04/10/25



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 08:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD03-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-01	Matrix:	SOIL
		% Solid:	83.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	5190		1	43.4	50.0	250	mg/Kg		04/17/25 10:13	Lloyd Kahn

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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:	04/08/25 09:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD09-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-02	Matrix:	SOIL
		% Solid:	76.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1630		1	43.4	50.0	250	mg/Kg		04/17/25 10:26	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 09:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD10-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-03	Matrix:	SOIL
		% Solid:	29.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	23600	OR	1	43.4	50.0	250	mg/Kg		04/17/25 10:45	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 09:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS091P-SD06-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-04	Matrix:	SOIL
		% Solid:	78.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1870		1	43.4	50.0	250	mg/Kg		04/17/25 10:54	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 10:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD07-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-05	Matrix:	SOIL
		% Solid:	81.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6760		1	43.4	50.0	250	mg/Kg		04/17/25 11:06	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 10:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD08-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-06	Matrix:	SOIL
		% Solid:	70.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	14900	OR	1	43.4	50.0	250	mg/Kg		04/17/25 11:45	Lloyd Kahn

Comments: _____

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 11:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD16-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-07	Matrix:	SOIL
		% Solid:	80

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	7740		1	43.4	50.0	250	mg/Kg		04/17/25 12:31	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 11:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD17-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-08	Matrix:	SOIL
		% Solid:	81.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6110		1	43.4	50.0	250	mg/Kg		04/17/25 12:48	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 11:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD18-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-09	Matrix:	SOIL
		% Solid:	91.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9580		1	43.4	50.0	250	mg/Kg		04/17/25 13:06	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 11:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD19-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-10	Matrix:	SOIL
		% Solid:	96.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	3130		1	43.4	50.0	250	mg/Kg		04/17/25 13:15	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD21-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-11	Matrix:	SOIL
		% Solid:	61.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	10000		1	43.4	50.0	250	mg/Kg		04/17/25 13:25	Lloyd Kahn

Comments: _____

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD20-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-12	Matrix:	SOIL
		% Solid:	74

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6260		1	43.4	50.0	250	mg/Kg		04/17/25 13:35	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD15-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-13	Matrix:	SOIL
		% Solid:	90.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4680		1	43.4	50.0	250	mg/Kg		04/17/25 13:44	Lloyd Kahn

Comments: _____

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD22-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-14	Matrix:	SOIL
		% Solid:	76.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	2520		1	43.4	50.0	250	mg/Kg		04/17/25 13:53	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 13:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD23-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-15	Matrix:	SOIL
		% Solid:	67.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9260		1	43.4	50.0	250	mg/Kg		04/17/25 14:05	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 14:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD12-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-16	Matrix:	SOIL
		% Solid:	79.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1550		1	43.4	50.0	250	mg/Kg		04/17/25 14:14	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/09/25 08:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD11-040925-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-17	Matrix:	SOIL
		% Solid:	17.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	66200	OR	1	43.4	50.0	250	mg/Kg		04/17/25 15:01	Lloyd Kahn

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1778

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135456

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	965	1000	96	90-110	04/17/2025
Sample ID: CCV2 TOC	mg/L	1000	1000	100	90-110	04/17/2025
Sample ID: CCV3 TOC	mg/L	1040	1000	104	90-110	04/17/2025
Sample ID: CCV4 TOC	mg/L	1000	1000	100	90-110	04/17/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: Q1778

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135456

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	04/17/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/17/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/17/2025
Sample ID: CCB4 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/17/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1778

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135456BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	04/17/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1778
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1778-05
Client ID:	AT016P-SD07-040825-00MS	Percent Solids for Spike Sample:	81.3

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	7690		6760		1000	1	93		04/17/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1778
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1778-05
Client ID:	AT016P-SD07-040825-00MSD	Percent Solids for Spike Sample:	81.3

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	7680		6760		1000	1	92		04/17/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1778
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1778-05
Client ID:	AT016P-SD07-040825-00MSD	Percent Solids for Spike Sample:	81.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	7690		7680		1	0		04/17/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1778
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135456

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135456BSS							
TOC	mg/Kg	1000	1000		100	1	90-110	04/17/2025