

## LAB CHRONICLE

<b>OrderID:</b>	Q1839	<b>OrderDate:</b>	4/18/2025 10:42:00 AM
<b>Client:</b>	Weston Solutions	<b>Project:</b>	Joint Base McGuire Dix Lakehurst JBMDL - DoD
<b>Contact:</b>	Kent Alexander	<b>Location:</b>	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1839-01	AT016P-SD03-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 08:30		04/23/25 09:34	04/18/25
Q1839-02	AT016P-SD09-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 08:50		04/23/25 10:06	04/18/25
Q1839-03	AT016P-SD12-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 09:05		04/23/25 10:15	04/18/25
Q1839-04	AT016P-SD11-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 09:25		04/23/25 10:34	04/18/25
Q1839-05	AT016P-SD10-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 09:45		04/23/25 10:50	04/18/25
Q1839-06	SS091P-SD06-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 10:10		04/23/25 11:01	04/18/25
Q1839-07	AT016P-SD07-041625 -00	SOIL	TOC	Lloyd Kahn	04/16/25 10:30		04/23/25 11:41	04/18/25

## LAB CHRONICLE

<b>Q1839-08</b>	<b>AT016P-SD08-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 10:40</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 11:54	
<b>Q1839-09</b>	<b>AT014P-SD16-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 11:00</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 12:05	
<b>Q1839-10</b>	<b>AT014P-SD17-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 11:15</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 12:14	
<b>Q1839-11</b>	<b>AT014P-SD18-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 11:25</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 12:26	
<b>Q1839-12</b>	<b>AT014P-SD19-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 11:40</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 12:36	
<b>Q1839-13</b>	<b>AT014P-SD21-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 11:55</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 12:50	
<b>Q1839-14</b>	<b>AT014P-SD20-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 12:10</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 13:06	
<b>Q1839-15</b>	<b>AT014P-SD15-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 12:20</b>		<b>04/18/25</b>
			TOC	Lloyd Kahn		04/23/25 13:15	
<b>Q1839-16</b>	<b>AT014P-SD22-041625 -00</b>	<b>SOIL</b>			<b>04/16/25 12:40</b>		<b>04/18/25</b>

## LAB CHRONICLE

Q1839-17	AT014P-SD23-041625 -00	SOIL	TOC	Lloyd Kahn		04/23/25 13:32	
			TOC	Lloyd Kahn	04/16/25 13:00	04/23/25 14:18	04/18/25



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 08:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT016P-SD03-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-01	Matrix:	SOIL
		% Solid:	79.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	5830		1	43.4	50.0	250	mg/Kg		04/23/25 09:34	Lloyd Kahn

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
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 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

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 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:	04/16/25 08:50
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT016P-SD09-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-02	Matrix:	SOIL
		% Solid:	71.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	7290		1	43.4	50.0	250	mg/Kg		04/23/25 10:06	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 09:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT016P-SD12-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-03	Matrix:	SOIL
		% Solid:	82.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1490		1	43.4	50.0	250	mg/Kg		04/23/25 10:15	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 09:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT016P-SD11-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-04	Matrix:	SOIL
		% Solid:	72.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	8160		1	43.4	50.0	250	mg/Kg		04/23/25 10:34	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:	AT016P-SD10-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-05	Matrix:	SOIL
		% Solid:	71

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	7360		1	43.4	50.0	250	mg/Kg		04/23/25 10:50	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 10:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	SS091P-SD06-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-06	Matrix:	SOIL
		% Solid:	69.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	7760		1	43.4	50.0	250	mg/Kg		04/23/25 11:01	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 10:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT016P-SD07-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-07	Matrix:	SOIL
		% Solid:	79.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	8830		1	43.4	50.0	250	mg/Kg		04/23/25 11:41	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 10:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT016P-SD08-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-08	Matrix:	SOIL
		% Solid:	68.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	23100	OR	1	43.4	50.0	250	mg/Kg		04/23/25 11:54	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 11:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD16-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-09	Matrix:	SOIL
		% Solid:	75.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	18700	OR	1	43.4	50.0	250	mg/Kg		04/23/25 12:05	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 11:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD17-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-10	Matrix:	SOIL
		% Solid:	81.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6020		1	43.4	50.0	250	mg/Kg		04/23/25 12:14	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 11:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD18-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-11	Matrix:	SOIL
		% Solid:	91.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	7470		1	43.4	50.0	250	mg/Kg		04/23/25 12:26	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 11:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD19-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-12	Matrix:	SOIL
		% Solid:	96.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1970		1	43.4	50.0	250	mg/Kg		04/23/25 12:36	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 11:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD21-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-13	Matrix:	SOIL
		% Solid:	81.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	3690		1	43.4	50.0	250	mg/Kg		04/23/25 12:50	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 12:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD20-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-14	Matrix:	SOIL
		% Solid:	73.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	5990		1	43.4	50.0	250	mg/Kg		04/23/25 13:06	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	04/16/25 12:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD15-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-15	Matrix:	SOIL
		% Solid:	85.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	2510		1	43.4	50.0	250	mg/Kg		04/23/25 13:15	Lloyd Kahn

Comments: \_\_\_\_\_

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Client:	Weston Solutions	Date Collected:	04/16/25 12:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD22-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-16	Matrix:	SOIL
		% Solid:	76.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	963		1	43.4	50.0	250	mg/Kg		04/23/25 13:32	Lloyd Kahn

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Client:	Weston Solutions	Date Collected:	04/16/25 13:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/18/25
Client Sample ID:	AT014P-SD23-041625-00	SDG No.:	Q1839
Lab Sample ID:	Q1839-17	Matrix:	SOIL
		% Solid:	69

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9860		1	43.4	50.0	250	mg/Kg		04/23/25 14:18	Lloyd Kahn

Comments: \_\_\_\_\_

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# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** Weston Solutions

**SDG No.:** Q1839

**Project:** Joint Base McGuire Dix Lakehurst JBMDL - DoD

**RunNo.:** LB135517

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	<b>ICV1</b>						
TOC		mg/L	1030	1000	103	90-110	03/14/2025
Sample ID:	<b>CCV1</b>						
TOC		mg/L	1060	1000	106	90-110	04/23/2025
Sample ID:	<b>CCV2</b>						
TOC		mg/L	1030	1000	103	90-110	04/23/2025
Sample ID:	<b>CCV3</b>						
TOC		mg/L	962	1000	96	90-110	04/23/2025
Sample ID:	<b>CCV4</b>						
TOC		mg/L	1020	1000	102	90-110	04/23/2025

### Initial and Continuing Calibration Blank Summary

<b>Client:</b> Weston Solutions	<b>SDG No.:</b> Q1839
<b>Project:</b> Joint Base McGuire Dix Lakehurst JBMDL - DoD	<b>RunNo.:</b> LB135517

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>ICB1</b> TOC	mg/L	< 125.0000	125.0000	U	32.1	250	03/14/2025
Sample ID: <b>CCB1</b> TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/23/2025
Sample ID: <b>CCB2</b> TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/23/2025
Sample ID: <b>CCB3</b> TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/23/2025
Sample ID: <b>CCB4</b> TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/23/2025



### Preparation Blank Summary

**Client:** Weston Solutions

**SDG No.:** Q1839

**Project:** Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	<b>LB135517BLS</b> mg/Kg	< 125.0000	125.0000	U	43.4	250	04/23/2025

## Matrix Spike Summary

<b>Client:</b>	Weston Solutions	<b>SDG No.:</b>	Q1839
<b>Project:</b>	Joint Base McGuire Dix Lakehurst JBMDL - DoD	<b>Sample ID:</b>	Q1839-01
<b>Client ID:</b>	AT016P-SD03-041625-00MS	<b>Percent Solids for Spike Sample:</b>	79.2

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	6690		5830		1000	1	86		04/23/2025

## Matrix Spike Summary

<b>Client:</b>	Weston Solutions	<b>SDG No.:</b>	Q1839
<b>Project:</b>	Joint Base McGuire Dix Lakehurst JBMDL - DoD	<b>Sample ID:</b>	Q1839-01
<b>Client ID:</b>	AT016P-SD03-041625-00MSD	<b>Percent Solids for Spike Sample:</b>	79.2

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	6850		5830		1000	1	102		04/23/2025

## Duplicate Sample Summary

<b>Client:</b>	Weston Solutions	<b>SDG No.:</b>	Q1839
<b>Project:</b>	Joint Base McGuire Dix Lakehurst JBMDL - DoD	<b>Sample ID:</b>	Q1839-01
<b>Client ID:</b>	AT016P-SD03-041625-00MSD	<b>Percent Solids for Spike Sample:</b>	79.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	6690		6850		1	2		04/23/2025

## Laboratory Control Sample Summary

<b>Client:</b>	Weston Solutions	<b>SDG No.:</b>	Q1839
<b>Project:</b>	Joint Base McGuire Dix Lakehurst JBMDL - DoD	<b>Run No.:</b>	LB135517

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135517BSS							
TOC	mg/Kg	1000	952		95	1	90-110	04/23/2025