

LAB CHRONICLE

OrderID:	Q1827	OrderDate:	4/17/2025 10:37:00 AM
Client:	Weston Solutions	Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD
Contact:	Kent Alexander	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1827-01	SS050P-SD43-041525 -00	SOIL	TOC	Lloyd Kahn	04/15/25 08:40		04/21/25 12:16	04/17/25
Q1827-02	SS050P-SD42-041525 -00	SOIL	TOC	Lloyd Kahn	04/15/25 08:55		04/21/25 12:27	04/17/25
Q1827-03	SS050P-SD27-041525 -00	SOIL	TOC	Lloyd Kahn	04/15/25 09:05		04/21/25 12:46	04/17/25
Q1827-04	SS050P-SD41-041525 -00	SOIL	TOC	Lloyd Kahn	04/15/25 09:20		04/21/25 12:57	04/17/25
Q1827-05	AT054P-SD42-041525 -00	SOIL	TOC	Lloyd Kahn	04/15/25 09:30		04/21/25 14:12	04/17/25
Q1827-06	SS050P-SD40-041525 -00	SOIL	TOC	Lloyd Kahn	04/15/25 09:35		04/21/25 14:28	04/17/25
Q1827-07	AT054P-SD41-041525 -00	SOIL	TOC	Lloyd Kahn	04/15/25 09:50		04/21/25 15:49	04/17/25

LAB CHRONICLE

Q1827-08	SS050P-SD26-041525 -00	SOIL			04/15/25 10:00		04/17/25
			TOC	Lloyd Kahn		04/21/25 16:05	
Q1827-09	AT054P-SD40-041525 -00	SOIL			04/15/25 10:10		04/17/25
			TOC	Lloyd Kahn		04/21/25 16:23	
Q1827-10	SS050P-SD39-041525 -00	SOIL			04/15/25 10:10		04/17/25
			TOC	Lloyd Kahn		04/22/25 09:52	
Q1827-11	SS050P-SD38-041525 -00	SOIL			04/15/25 10:25		04/17/25
			TOC	Lloyd Kahn		04/22/25 10:06	
Q1827-12	SS050P-SD08-041525 -00	SOIL			04/15/25 11:10		04/17/25
			TOC	Lloyd Kahn		04/22/25 10:29	
Q1827-13	SS050P-SD37-041525 -00	SOIL			04/15/25 11:35		04/17/25
			TOC	Lloyd Kahn		04/22/25 10:40	
Q1827-14	SS050P-SD36-041525 -00	SOIL			04/15/25 11:50		04/17/25
			TOC	Lloyd Kahn		04/22/25 10:48	
Q1827-15	SS050P-SD35-041525 -00	SOIL			04/15/25 12:05		04/17/25
			TOC	Lloyd Kahn		04/22/25 11:03	
Q1827-16	SS050P-SD34-041525 -00	SOIL			04/15/25 12:20		04/17/25

LAB CHRONICLE

Q1827-17	SS050P-SD07-041525 -00	SOIL	TOC	Lloyd Kahn		04/22/25 11:15	
					04/15/25 12:30		04/17/25
			TOC	Lloyd Kahn		04/22/25 11:25	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 08:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD43-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-01	Matrix:	SOIL
		% Solid:	69.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9370		1	43.4	50.0	250	mg/Kg		04/21/25 12:16	Lloyd Kahn

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
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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
 * = 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:	04/15/25 08:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD42-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-02	Matrix:	SOIL
		% Solid:	65.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	8510		1	43.4	50.0	250	mg/Kg		04/21/25 12:27	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 09:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD27-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-03	Matrix:	SOIL
		% Solid:	57.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	20800	OR	1	43.4	50.0	250	mg/Kg		04/21/25 12:46	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 09:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD41-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-04	Matrix:	SOIL
		% Solid:	73.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	10900		1	43.4	50.0	250	mg/Kg		04/21/25 12:57	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 09:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	AT054P-SD42-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-05	Matrix:	SOIL
		% Solid:	16.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	28400	OR	1	43.4	50.0	250	mg/Kg		04/21/25 14:12	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 09:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD40-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-06	Matrix:	SOIL
		% Solid:	30.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	30300	OR	1	43.4	50.0	250	mg/Kg		04/21/25 14:28	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 09:50
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	AT054P-SD41-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-07	Matrix:	SOIL
		% Solid:	69

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	10200		1	43.4	50.0	250	mg/Kg		04/21/25 15:49	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 10:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD26-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-08	Matrix:	SOIL
		% Solid:	73.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	12400	OR	1	43.4	50.0	250	mg/Kg		04/21/25 16:05	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 10:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	AT054P-SD40-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-09	Matrix:	SOIL
		% Solid:	19.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	51400	OR	1	43.4	50.0	250	mg/Kg		04/21/25 16:23	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 10:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD39-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-10	Matrix:	SOIL
		% Solid:	77.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	5960		1	43.4	50.0	250	mg/Kg		04/22/25 09:52	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 10:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD38-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-11	Matrix:	SOIL
		% Solid:	75

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	12200	OR	1	43.4	50.0	250	mg/Kg		04/22/25 10:06	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 11:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD08-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-12	Matrix:	SOIL
		% Solid:	79.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1980		1	43.4	50.0	250	mg/Kg		04/22/25 10:29	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 11:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD37-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-13	Matrix:	SOIL
		% Solid:	77.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4120		1	43.4	50.0	250	mg/Kg		04/22/25 10:40	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 11:50
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD36-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-14	Matrix:	SOIL
		% Solid:	79.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1150		1	43.4	50.0	250	mg/Kg		04/22/25 10:48	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/15/25 12:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD35-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-15	Matrix:	SOIL
		% Solid:	83.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	12400	OR	1	43.4	50.0	250	mg/Kg		04/22/25 11:03	Lloyd Kahn

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Client:	Weston Solutions	Date Collected:	04/15/25 12:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD34-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-16	Matrix:	SOIL
		% Solid:	57.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	14200	OR	1	43.4	50.0	250	mg/Kg		04/22/25 11:15	Lloyd Kahn

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Client:	Weston Solutions	Date Collected:	04/15/25 12:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/17/25
Client Sample ID:	SS050P-SD07-041525-00	SDG No.:	Q1827
Lab Sample ID:	Q1827-17	Matrix:	SOIL
		% Solid:	84.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	5270		1	43.4	50.0	250	mg/Kg		04/22/25 11:25	Lloyd Kahn

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1827

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135495

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	998	1000	100	90-110	04/21/2025
Sample ID: CCV2 TOC	mg/L	990	1000	99	90-110	04/21/2025
Sample ID: CCV3 TOC	mg/L	1030	1000	103	90-110	04/21/2025
Sample ID: CCV4 TOC	mg/L	962	1000	96	90-110	04/22/2025
Sample ID: CCV5 TOC	mg/L	968	1000	97	90-110	04/22/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions	SDG No.: Q1827
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD	RunNo.: LB135495

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	04/21/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/21/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/21/2025
Sample ID: CCB4 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/22/2025
Sample ID: CCB5 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/22/2025

Preparation Blank Summary

Client: Weston Solutions	SDG No.: Q1827
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD	

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135495BLS TOC	mg/Kg	< 125.0000	125.0000	U	43.4	250	04/21/2025
Sample ID: LB135495BLS2 TOC	mg/Kg	< 125.0000	125.0000	U	43.4	250	04/22/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1827
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1827-04
Client ID:	SS050P-SD41-041525-00MS	Percent Solids for Spike Sample:	73.3

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	11700	OR	10900		1000	1	80		04/21/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1827
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1827-04
Client ID:	SS050P-SD41-041525-00MSD	Percent Solids for Spike Sample:	73.3

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	12100	OR	10900		1000	1	120		04/21/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1827
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1827-04
Client ID:	SS050P-SD41-041525-00MSD	Percent Solids for Spike Sample:	73.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	11700	OR	12100	OR	1	3		04/21/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1827
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135495

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135495BSS							
TOC	mg/Kg	1000	995		100	1	90-110	04/21/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1827
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135495

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135495BSS2							
TOC	mg/Kg	1000	981		98	1	90-110	04/22/2025