

LAB CHRONICLE

OrderID:	Q1777	OrderDate:	4/10/2025 11:54:00 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
Q1777-01	AT054P-SD41-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 08:20		04/15/25 09:42	04/10/25
Q1777-02	AT054P-SD40-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 08:40		04/15/25 10:03	04/10/25
Q1777-03	AT054P-SD39-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 08:55		04/15/25 10:14	04/10/25
Q1777-04	AT054P-SD38-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 09:10		04/15/25 10:28	04/10/25
Q1777-05	AT054P-SD42-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 09:30		04/15/25 10:44	04/10/25
Q1777-06	SS050P-SD20-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 10:05		04/15/25 10:55	04/10/25
Q1777-07	SS050P-SD26-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 10:45		04/15/25 12:08	04/10/25

LAB CHRONICLE

Q1777-08	SS050P-SD08-040825 -00	SOIL			04/08/25 10:55		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:17	
Q1777-09	SS050P-SD07-040825 -00	SOIL			04/08/25 11:15		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:26	
Q1777-10	SS050P-SD06-040825 -00	SOIL			04/08/25 11:35		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:43	
Q1777-11	SS057P-SD06-040825 -00	SOIL			04/08/25 12:40		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:55	
Q1777-12	SS057P-SD05-040825 -00	SOIL			04/08/25 12:50		04/10/25
			TOC	Lloyd Kahn		04/15/25 13:27	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 08:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD41-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-01	Matrix:	SOIL
		% Solid:	64.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	16000	OR	1	43.4	50.0	250	mg/Kg		04/15/25 09:42	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:	04/08/25 08:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD40-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-02	Matrix:	SOIL
		% Solid:	19.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	68100	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:03	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:	04/08/25 08:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD39-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-03	Matrix:	SOIL
		% Solid:	49.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	29000	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:14	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:	04/08/25 09:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD38-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-04	Matrix:	SOIL
		% Solid:	59.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	32500	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:28	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:	04/08/25 09:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD42-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-05	Matrix:	SOIL
		% Solid:	34.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	27100	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:44	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:	04/08/25 10:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD20-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-06	Matrix:	SOIL
		% Solid:	76.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6700		1	43.4	50.0	250	mg/Kg		04/15/25 10:55	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:	04/08/25 10:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD26-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-07	Matrix:	SOIL
		% Solid:	56.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	28600	OR	1	43.4	50.0	250	mg/Kg		04/15/25 12:08	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:	04/08/25 10:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD08-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-08	Matrix:	SOIL
		% Solid:	79.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4430		1	43.4	50.0	250	mg/Kg		04/15/25 12:17	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:	04/08/25 11:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD07-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-09	Matrix:	SOIL
		% Solid:	82.2

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		04/15/25 12:26	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:	04/08/25 11:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD06-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-10	Matrix:	SOIL
		% Solid:	84.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4270		1	43.4	50.0	250	mg/Kg		04/15/25 12:43	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:	04/08/25 12:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS057P-SD06-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-11	Matrix:	SOIL
		% Solid:	49.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	16700	OR	1	43.4	50.0	250	mg/Kg		04/15/25 12:55	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:	04/08/25 12:50
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS057P-SD05-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-12	Matrix:	SOIL
		% Solid:	70.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9200		1	43.4	50.0	250	mg/Kg		04/15/25 13:27	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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1777

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135427

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	994	1000	99	90-110	04/15/2025
Sample ID: CCV2 TOC	mg/L	1060	1000	106	90-110	04/15/2025
Sample ID: CCV3 TOC	mg/L	1060	1000	106	90-110	04/15/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions	SDG No.: Q1777
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD	RunNo.: LB135427

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	04/15/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/15/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/15/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1777

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135427BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	04/15/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1777
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1777-06
Client ID:	SS050P-SD20-040825-00MS	Percent Solids for Spike Sample:	76.6

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	7570		6700		1000	1	87		04/15/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1777
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1777-06
Client ID:	SS050P-SD20-040825-00MSD	Percent Solids for Spike Sample:	76.6

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	7500		6700		1000	1	80		04/15/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1777
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1777-06
Client ID:	SS050P-SD20-040825-00MSD	Percent Solids for Spike Sample:	76.6

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	7570		7500		1	1		04/15/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1777
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135427

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135427BSS							
TOC	mg/Kg	1000	1030		103	1	90-110	04/15/2025