

LAB CHRONICLE

OrderID:	P5321	OrderDate:	12/18/2024 11:31:00 AM
Client:	Weston Solutions	Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD
Contact:	Kent Alexander	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5321-01	SS055P-SD06-121324-00	SOIL	TOC	Lloyd Kahn	12/13/24 10:15		12/23/24 15:16	12/18/24
P5321-02	SS050P-SD21-121324-00	SOIL	TOC	Lloyd Kahn	12/13/24 10:55		12/23/24 18:24	12/18/24
P5321-03	SS050P-SD22-121724-00	SOIL	TOC	Lloyd Kahn	12/17/24 09:05		12/23/24 18:33	12/18/24
P5321-04	SS050P-SD20-121724-00	SOIL	TOC	Lloyd Kahn	12/17/24 10:05		12/23/24 17:02	12/18/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/13/24 10:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/18/24
Client Sample ID:	SS055P-SD06-121324-00	SDG No.:	P5321
Lab Sample ID:	P5321-01	Matrix:	SOIL
		% Solid:	69.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	15900	OR	1	8.00	50.0	250	mg/Kg		12/23/24 15:16	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:	12/13/24 10:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/18/24
Client Sample ID:	SS050P-SD21-121324-00	SDG No.:	P5321
Lab Sample ID:	P5321-02	Matrix:	SOIL
		% Solid:	80.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	2840		1	8.00	50.0	250	mg/Kg		12/23/24 18:24	Lloyd Kahn

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	12/17/24 09:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/18/24
Client Sample ID:	SS050P-SD22-121724-00	SDG No.:	P5321
Lab Sample ID:	P5321-03	Matrix:	SOIL
		% Solid:	80.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	7620		1	8.00	50.0	250	mg/Kg		12/23/24 18:33	Lloyd Kahn

Comments:

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D = Dilution

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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.

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/17/24 10:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/18/24
Client Sample ID:	SS050P-SD20-121724-00	SDG No.:	P5321
Lab Sample ID:	P5321-04	Matrix:	SOIL
		% Solid:	61.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	20000	OR	1	8.00	50.0	250	mg/Kg		12/23/24 17:02	Lloyd Kahn

Comments:

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LOQ = Limit of Quantitation

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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.: P5321

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB134031

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TOC	mg/L	934	1000	93	90-110	11/12/2024
Sample ID: CCV1 TOC	mg/L	968	1000	97	90-110	12/20/2024
Sample ID: CCV2 TOC	mg/L	1000	1000	100	90-110	12/20/2024
Sample ID: CCV3 TOC	mg/L	947	1000	95	90-110	12/23/2024
Sample ID: CCV4 TOC	mg/L	1020	1000	102	90-110	12/23/2024
Sample ID: CCV5 TOC	mg/L	999	1000	100	90-110	12/23/2024

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions	SDG No.: P5321
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD	RunNo.: LB134031

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	11/12/2024
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	12/20/2024
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	12/20/2024
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	12/23/2024
Sample ID: CCB4 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	12/23/2024
Sample ID: CCB5 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	12/23/2024

Preparation Blank Summary

Client: Weston Solutions

SDG No.: P5321

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134031BLS TOC	mg/Kg	11.3	125.0000	J	8	250	12/20/2024
Sample ID: LB134031BLS2 TOC	mg/Kg	10	125.0000	J	8	250	12/23/2024

Matrix Spike Summary

Client:

Weston Solutions

SDG No.:

P5321

Project:

Joint Base McGuire Dix Lakehurst JBMDL - DoD

Sample ID:

P5290-04

Client ID:

SS050P-SD23-121224-00MS

Percent Solids for Spike Sample:

66.2

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	13700	OR	12700		1000	1	100		12/23/2024

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	P5321
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	P5290-04
Client ID:	SS050P-SD23-121224-00MSD	Percent Solids for Spike Sample:	66.2

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	13700		12700		1000	1	100		12/23/2024

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	P5321
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	P5290-04
Client ID:	SS050P-SD23-121224-00MSD	Percent Solids for Spike Sample:	66.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	13700	OR	13700		1	0		12/23/2024

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	P5321
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB134031

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134031BSS							
TOC	mg/Kg	1000	978		98	1	90-110	12/20/2024

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	P5321
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB134031

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134031BSS2							
TOC	mg/Kg	1000	965		96	1	90-110	12/23/2024