

## LAB CHRONICLE

<b>OrderID:</b>	P5290	<b>OrderDate:</b>	12/16/2024 10:45:00 AM
<b>Client:</b>	Weston Solutions	<b>Project:</b>	Joint Base McGuire Dix Lakehurst JBMDL - DoD
<b>Contact:</b>	Kent Alexander	<b>Location:</b>	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5290-01	AT054P-SD36-121224-00	SOIL	TOC	Lloyd Kahn	12/12/24 09:00		12/20/24 12:17	12/14/24
P5290-02	AT054P-SD35-121224-00	SOIL	TOC	Lloyd Kahn	12/12/24 09:15		12/20/24 12:42	12/14/24
P5290-03	AT054P-SD30-121224-00	SOIL	TOC	Lloyd Kahn	12/12/24 09:45		12/20/24 13:04	12/14/24
P5290-04	SS050P-SD23-121224-00	SOIL	TOC	Lloyd Kahn	12/12/24 10:20		12/23/24 11:43	12/14/24
P5290-05	SS050P-SD24-121224-00	SOIL	TOC	Lloyd Kahn	12/12/24 10:45		12/23/24 13:13	12/14/24
P5290-06	SS050P-SD25-121224-00	SOIL	TOC	Lloyd Kahn	12/12/24 11:00		12/23/24 13:35	12/14/24
P5290-07	SS055P-SD20-121224-00	SOIL	TOC	Lloyd Kahn	12/12/24 11:45		12/23/24 14:05	12/14/24



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	Weston Solutions	Date Collected:	12/12/24 09:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/14/24
Client Sample ID:	AT054P-SD36-121224-00	SDG No.:	P5290
Lab Sample ID:	P5290-01	Matrix:	SOIL
		% Solid:	81.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	11000		1	8.00	50.0	250	mg/Kg		12/20/24 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:	12/12/24 09:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/14/24
Client Sample ID:	AT054P-SD35-121224-00	SDG No.:	P5290
Lab Sample ID:	P5290-02	Matrix:	SOIL
		% Solid:	82

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4700		1	8.00	50.0	250	mg/Kg		12/20/24 12:42	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	12/12/24 09:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/14/24
Client Sample ID:	AT054P-SD30-121224-00	SDG No.:	P5290
Lab Sample ID:	P5290-03	Matrix:	SOIL
		% Solid:	82.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	26200	OR	1	8.00	50.0	250	mg/Kg		12/20/24 13:04	Lloyd Kahn

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## Report of Analysis

Client:	Weston Solutions	Date Collected:	12/12/24 10:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/14/24
Client Sample ID:	SS050P-SD23-121224-00	SDG No.:	P5290
Lab Sample ID:	P5290-04	Matrix:	SOIL
		% Solid:	66.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	12700		1	8.00	50.0	250	mg/Kg		12/23/24 11:43	Lloyd Kahn

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N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	Weston Solutions	Date Collected:	12/12/24 10:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/14/24
Client Sample ID:	SS050P-SD24-121224-00	SDG No.:	P5290
Lab Sample ID:	P5290-05	Matrix:	SOIL
		% Solid:	45.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	14600	OR	1	8.00	50.0	250	mg/Kg		12/23/24 13:13	Lloyd Kahn

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N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	Weston Solutions	Date Collected:	12/12/24 11:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/14/24
Client Sample ID:	SS050P-SD25-121224-00	SDG No.:	P5290
Lab Sample ID:	P5290-06	Matrix:	SOIL
		% Solid:	50.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	17800	OR	1	8.00	50.0	250	mg/Kg		12/23/24 13:35	Lloyd Kahn

Comments:

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LOD = Limit of Detection

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J = Estimated Value

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OR = Over Range

N =Spiked sample recovery not within control limits



## Report of Analysis

Client:	Weston Solutions	Date Collected:	12/12/24 11:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	12/14/24
Client Sample ID:	SS055P-SD20-121224-00	SDG No.:	P5290
Lab Sample ID:	P5290-07	Matrix:	SOIL
		% Solid:	67.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	23400	OR	1	8.00	50.0	250	mg/Kg		12/23/24 14:05	Lloyd Kahn

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N =Spiked sample recovery not within control limits

# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** Weston Solutions

**SDG No.:** P5290

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

**RunNo.:** LB134031

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

### Initial and Continuing Calibration Blank Summary

<b>Client:</b> Weston Solutions	<b>SDG No.:</b> P5290
<b>Project:</b> Joint Base McGuire Dix Lakehurst JBMDL - DoD	<b>RunNo.:</b> LB134031

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

### Preparation Blank Summary

**Client:** Weston Solutions

**SDG No.:** P5290

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

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

Matrix Spike Summary

Client:

Weston Solutions

SDG No.:

P5290

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.:

P5290

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

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

<b>Client:</b>	Weston Solutions	<b>SDG No.:</b>	P5290
<b>Project:</b>	Joint Base McGuire Dix Lakehurst JBMDL - DoD	<b>Run No.:</b>	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