

LAB CHRONICLE

OrderID:	P4894	OrderDate:	11/18/2024 10:06:44 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Calverton Site 16 Phase 3 RI
Contact:	Corey Rich	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4894-01	FES-SB401-1921	SOIL	TOC	9060A	11/14/24 12:20		11/26/24 11:27	11/16/24
P4894-02	FES-SB401-6062	SOIL	TOC	9060A	11/15/24 09:30		11/26/24 12:07	11/16/24
P4894-03	FES-DUP02-20241114	SOIL	TOC	9060A	11/14/24 00:00		11/26/24 13:50	11/16/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24 12:20
Project:	NWIRP Calverton Site 16 Phase 3 RI	Date Received:	11/16/24
Client Sample ID:	FES-SB401-1921	SDG No.:	P4894
Lab Sample ID:	P4894-01	Matrix:	SOIL
		% Solid:	90.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	225	J	1	19.8	50.0	250	mg/Kg		11/26/24 11:27	9060A

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:	Tetra Tech NUS, Inc.	Date Collected:	11/15/24 09:30
Project:	NWIRP Calverton Site 16 Phase 3 RI	Date Received:	11/16/24
Client Sample ID:	FES-SB401-6062	SDG No.:	P4894
Lab Sample ID:	P4894-02	Matrix:	SOIL
		% Solid:	75.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	3930		1	19.8	50.0	250	mg/Kg		11/26/24 12:07	9060A

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:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24 00:00
Project:	NWIRP Calverton Site 16 Phase 3 RI	Date Received:	11/16/24
Client Sample ID:	FES-DUP02-20241114	SDG No.:	P4894
Lab Sample ID:	P4894-03	Matrix:	SOIL
		% Solid:	92.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	182	J	1	19.8	50.0	250	mg/Kg		11/26/24 13:50	9060A

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: Tetra Tech NUS, Inc.

SDG No.: P4894

Project: NWIRP Calverton Site 16 Phase 3 RI

RunNo.: LB133629

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	944	1000	94	90-110	11/26/2024
Sample ID:	CCV2						
TOC		mg/L	982	1000	98	90-110	11/26/2024

Initial and Continuing Calibration Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: P4894

Project: NWIRP Calverton Site 16 Phase 3 RI

RunNo.: LB133629

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	11/12/2024
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	11/26/2024
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	11/26/2024

Preparation Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: P4894

Project: NWIRP Calverton Site 16 Phase 3 RI

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133629BLS						
TOC	mg/Kg	< 125.0000	125.0000	U	19.8	250	11/26/2024

Matrix Spike Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	P4894
Project:	NWIRP Calverton Site 16 Phase 3 RI	Sample ID:	P4894-02
Client ID:	FES-SB401-6062MS	Percent Solids for Spike Sample:	75.1

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	4830		3930		1000	1	90		11/26/2024

Matrix Spike Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	P4894
Project:	NWIRP Calverton Site 16 Phase 3 RI	Sample ID:	P4894-02
Client ID:	FES-SB401-6062MSD	Percent Solids for Spike Sample:	75.1

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	4950		3930		1000	1	102		11/26/2024

Duplicate Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	P4894
Project:	NWIRP Calverton Site 16 Phase 3 RI	Sample ID:	P4894-02
Client ID:	FES-SB401-6062MSD	Percent Solids for Spike Sample:	75.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	4830		4950		1	2		11/26/2024



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Laboratory Control Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	P4894
Project:	NWIRP Calverton Site 16 Phase 3 RI	Run No.:	LB133629

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133629BSS							
TOC	mg/Kg	1000	952		95	1	90-110	11/26/2024