

LAB CHRONICLE

OrderID:	P5113	OrderDate:	12/5/2024 10:53:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Calverton Site 16 Phase 3 RI
Contact:	Corey Rich	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5113-01	FES-SB406-4345	SOIL	TOC	9060A	12/04/24 10:45		12/06/24 12:09	12/05/24
P5113-02	FES-SB406-7375	SOIL	TOC	9060A	12/04/24 13:00		12/06/24 13:00	12/05/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/04/24 10:45
Project:	NWIRP Calverton Site 16 Phase 3 RI	Date Received:	12/05/24
Client Sample ID:	FES-SB406-4345	SDG No.:	P5113
Lab Sample ID:	P5113-01	Matrix:	SOIL
		% Solid:	88.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	277		1	19.8	50.0	250	mg/Kg		12/06/24 12:09	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:	12/04/24 13:00
Project:	NWIRP Calverton Site 16 Phase 3 RI	Date Received:	12/05/24
Client Sample ID:	FES-SB406-7375	SDG No.:	P5113
Lab Sample ID:	P5113-02	Matrix:	SOIL
		% Solid:	78.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	397		1	19.8	50.0	250	mg/Kg		12/06/24 13:00	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.:** P5113**Project:** NWIRP Calverton Site 16 Phase 3 RI**RunNo.:** LB133779

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	937	1000	94	90-110	12/06/2024
Sample ID:	CCV2						
TOC		mg/L	999	1000	100	90-110	12/06/2024

Initial and Continuing Calibration Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: P5113

Project: NWIRP Calverton Site 16 Phase 3 RI

RunNo.: LB133779

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	12/06/2024
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	12/06/2024

Preparation Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: P5113

Project: NWIRP Calverton Site 16 Phase 3 RI

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB133779BLS mg/Kg	< 125.0000	125.0000	U	19.8	250	12/06/2024

Matrix Spike Summary

Client: Tetra Tech NUS, Inc. **SDG No.:** P5113
Project: NWIRP Calverton Site 16 Phase 3 RI **Sample ID:** P5022-01
Client ID: TAPIAL2-SB02D-13-112424-00-T1MS **Percent Solids for Spike Sample:** 92.9

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	2560		1670		1000	1	89		12/06/2024

Matrix Spike Summary

Client: Tetra Tech NUS, Inc. **SDG No.:** P5113
Project: NWIRP Calverton Site 16 Phase 3 RI **Sample ID:** P5022-01
Client ID: TAPIAL2-SB02D-13-112424-00-T1MSD **Percent Solids for Spike Sample:** 92.9

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	2550		1670		1000	1	88		12/06/2024

Duplicate Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	P5113
Project:	NWIRP Calverton Site 16 Phase 3 RI	Sample ID:	P5022-01
Client ID:	TAPIAL2-SB02D-13-112424-00-T1MSD	Percent Solids for Spike Sample:	92.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	2560		2550		1	0		12/06/2024

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: P5113

Project: NWIRP Calverton Site 16 Phase 3 RI

Run No.: LB133779

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133779BSS							
TOC	mg/Kg	1000	962		96	1	90-110	12/06/2024