

LAB CHRONICLE

OrderID: Client: Contact:	P4894 Tetra Tech NUS, Inc. Corey Rich		OrderDate: Project: Location:	11/18/2024 10:06:44 AM NWIRP Calverton Site 16 Phase 3 RI L51					
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received	
P4894-01	FES-SB401-1921	SOIL			11/14/24 12:20			11/16/24	
			тос	9060A			11/26/24 11:27		
P4894-02	FES-SB401-6062	SOIL			11/15/24 09:30			11/16/24	
			тос	9060A			11/26/24 12:07		
P4894-03	FES-DUP02-20241114	SOIL			11/14/24 00:00			11/16/24	
			тос	9060A			11/26/24 13:50		









	Report of Analysis										
Client: Project: Client Sample ID: Lab Sample ID:	NWI	IRP Cal -SB401			5 Phase	3 RI	Date Colle Date Rece SDG No.: Matrix: % Solid:	eived:	11/14/24 1 11/16/24 P4894 SOIL 90.4	2:20	B C D
Parameter TOC	Conc. 225	Qua. J		MDL 19.8	LOD 50.0	LOQ / CRQL 250	Units(Dry Weight) Prep mg/Kg	Date Date		Ana Met. 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



			R	eport of A	nalysis			
Client: Project: Client Sample ID:	Tetra Tech NWIRP Ca FES-SB40	lverton Site 1	6 Phase	3 RI	Date Collected: Date Received: SDG No.:	11/15/24 0 11/16/24 P4894		B C D
Lab Sample ID:	P4894-02				Matrix: % Solid:	SOIL 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



					R	eport of A	nalysis				
Client:	Tetra	a Tech I	NUS,	Inc.			Date Col	lected:	11/14/24 0	0:00	B
Project:	NW	IRP Ca	lverto	n Site 1	6 Phase	3 RI	Date Rec	eived:	11/16/24		
Client Sample ID:	FES	-DUP0	2-202	41114			SDG No.	:	P4894		D
Lab Sample ID:	P489	94-03					Matrix:		SOIL		
							% Solid:		92.6		J
Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prej	o Date Da	ite 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









284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: Project:	Tetra Tech NUS, Tech		se 3 RI			SDG No.: P4894 RunNo.: LB133	629
Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: TOC	ICV1	mg/L	934	1000	93	90-110	11/12/2024
Sample ID: TOC	CCV1	mg/L	944	1000	94	90-110	11/26/2024
Sample ID: TOC	CCV2	mg/L	982	1000	98	90-110	11/26/2024



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Client: Project:	Tetra Tech NU NWIRP Calve	JS, Inc. erton Site 16 Ph	SDG No.: RunNo.:	P4894 LB13362	9			
Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	ICB1	mg/L	< 125.0000	125.0000	U	22.3	250	11/12/2024
Sample ID: TOC	CCB1	mg/L	< 125.0000	125.0000	U	22.3	250	11/26/2024
Sample ID: TOC	CCB2	mg/L	< 125.0000	125.0000	U	22.3	250	11/26/2024

Initial and Continuing Calibration Blank Summary



Client: Project:	Tetra Tech NUS, Inc.	etra Tech NUS, Inc. SDG No.: P4894 WIRP Calverton Site 16 Phase 3 RI								
Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date			
Sample ID: TOC	LB133629BLS mg/Kg	< 125.0000	125.0000	U	19.8	250	11/26/2024			

Preparation Blank Summary



Matrix Spike Summary

Project: Client ID:	NWIRP Calverton S FES-SB401-6062MS	ite 16 Phase 3 RI			Sample l		P4894-02		75.1		
Chem ID.	1 25-50-01-00021015				I CICCIII)	Solius IOI	Spike Samj	pic.	73.1		
		Acceptance	Spiked	Conc.	Sample	Conc.	Spike	Dilution	%		Analysi
alyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	-	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	An I



Matrix Spike Summary

Client: Project:	Tetra Tech NUS, Inc. NWIRP Calverton Si				SDG No Sample I		P4894 P4894-02	2			
Client ID:	FES-SB401-6062MSD Percent Solids for Spike Sample:					75.1					
nalyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysi Date
C	mg/Kg	75-125	4950		3930		1000		102		11/26/202



Duplicate Sample Summary

Analyte	Units	Acceptance Limit	Sample Result	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Client ID:	FES-SB401-6062MSD			Percent Sol	ids for Spil	ke Sample:	75	5.1	
Project:	NWIRP Calverton Site	16 Phase 3 RI		Sample ID:	Р	4894-02			
Client:	Tetra Tech NUS, Inc.			SDG No.:	P48	394			



Laboratory Control Sample Summary

Client:	,	Tetra Tech NUS, Inc. NWIRP Calverton Site 16 Phase 3 RI					P4894		
Project:	NWIRP Calverton	Site 16 Phase 3 F	True		Run Conc.	No.:	LB133629 Dilution	Acceptance	Analysis
nalyte		Units	Value	Result	Qualifier	Recovery	Factor	Limit %R	Date
ample ID	LB133629BSS								
ГОС		mg/Kg	1000	952		95	1	90-110	11/26/2024