

LAB CHRONICLE

OrderID:	Q1985	OrderDate:	5/8/2025 10:49:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1985-01	RW8-BW-20250507	WATER			05/07/25 12:30			05/08/25
			pH	9040C			05/08/25 16:20	
			TSS	SM2540 D			05/13/25 10:00	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/07/25 12:30
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/08/25
Client Sample ID:	RW8-BW-20250507	SDG No.:	Q1985
Lab Sample ID:	Q1985-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	8.30	H	1	0	0	0	pH		05/08/25 16:20	9040C
TSS	16.5		1	1.00	4.00	4.00	mg/L		05/13/25 10:00	SM 2540 D-15

Comments: pH result reported at temperature 21.6 °C

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.: Q1985

Project: NWIRP Bethpage 112G08005-WE13

RunNo.: LB135711

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.02	7	100	90-110	05/08/2025
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	05/08/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	05/08/2025

Preparation Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q1985

Project: NWIRP Bethpage 112G08005-WE13

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB135749BL						
TSS	mg/L	1	2.0000	J	1	4	05/13/2025

Duplicate Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	Q1985
Project:	NWIRP Bethpage 112G08005-WE13	Sample ID:	Q1981-02
Client ID:	COMPDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	256		262		1	2.32		05/13/2025

Duplicate Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	Q1985
Project:	NWIRP Bethpage 112G08005-WE13	Sample ID:	Q1985-01
Client ID:	RW8-BW-20250507DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	8.30		8.32		1	0.24		05/08/2025

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q1985

Project: NWIRP Bethpage 112G08005-WE13

Run No.: LB135749

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135749BS							
TSS	mg/L	550	532		97	1	90-110	05/13/2025