

LAB CHRONICLE

OrderID:	Q2881	OrderDate:	8/15/2025 10:55:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	J32

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2881-01	RW8-SP100-2025081 4	WATER			08/14/25 13:05			08/15/25
			TDS	SM2540 C			08/18/25 12:30	
			TSS	SM2540 D			08/20/25 18:10	
Q2881-02	RW8-SP303-2025081 4	WATER			08/14/25 13:13			08/15/25
			TDS	SM2540 C			08/18/25 12:30	
			TSS	SM2540 D			08/20/25 18:10	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	08/14/25 13:05
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	RW8-SP100-20250814	SDG No.:	Q2881
Lab Sample ID:	Q2881-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	7.00	J	1	1.00	10.0	10.0	mg/L		08/18/25 12:30	SM 2540 C-20
TSS	4.00	U	1	1.00	4.00	4.00	mg/L		08/20/25 18:10	SM 2540 D-20

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:	08/14/25 13:13
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	RW8-SP303-20250814	SDG No.:	Q2881
Lab Sample ID:	Q2881-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	3.00	J	1	1.00	10.0	10.0	mg/L		08/18/25 12:30	SM 2540 C-20
TSS	4.00	U	1	1.00	4.00	4.00	mg/L		08/20/25 18:10	SM 2540 D-20

Comments:

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QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q2881

Project: NWIRP Bethpage 112G08005-WE13

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136860BL							
TDS	mg/L	1	5.0000	J	1.0	10	08/18/2025
Sample ID: LB136903BL							
TSS	mg/L	1	2.0000	J	1	4	08/20/2025

Duplicate Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	Q2881
Project:	NWIRP Bethpage 112G08005-WE13	Sample ID:	Q2881-02
Client ID:	RW8-SP303-20250814DUP	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
TDS	mg/L	+/-5	3.00	J	3.00	J	1	0		08/18/2025

Duplicate Sample Summary

Client: Tetra Tech NUS, Inc. Project: NWIRP Bethpage 112G08005-WE13 Client ID: OUTFALL-DSN-002DUP	SDG No.: Q2881 Sample ID: Q2902-04 Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	75.7		76.3		1	0.79		08/20/2025

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q2881

Project: NWIRP Bethpage 112G08005-WE13

Run No.: LB136860

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136860BS							
TDS	mg/L	100	95.0		95	1	90-110	08/18/2025

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q2881

Project: NWIRP Bethpage 112G08005-WE13

Run No.: LB136903

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136903BS							
TSS	mg/L	550	533		97	1	90-110	08/20/2025