

LAB CHRONICLE

OrderID: Q3142	OrderDate: 9/18/2025 4:02:00 PM
Client: Tetra Tech NUS, Inc.	Project: NWIRP Bethpage 112G08005-WE13
Contact: Ernie Wu	Location: J51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3142-01	RW8-SP100-20250918	WATER			09/18/25 13:05			09/18/25
			TDS	SM2540 C			09/19/25 15:40	
			TSS	SM2540 D			09/19/25 16:00	
Q3142-02	RW8-SP303-20250918	WATER			09/18/25 13:13			09/18/25
			TDS	SM2540 C			09/19/25 15:40	
			TSS	SM2540 D			09/19/25 16:00	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/18/25 13:05
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/18/25
Client Sample ID:	RW8-SP100-20250918	SDG No.:	Q3142
Lab Sample ID:	Q3142-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	4.00	J	1	1.00	10.0	10.0	mg/L		09/19/25 15:40	SM 2540 C-20
TSS	4.00	U	1	1.00	4.00	4.00	mg/L		09/19/25 16:00	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:	09/18/25 13:13
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/18/25
Client Sample ID:	RW8-SP303-20250918	SDG No.:	Q3142
Lab Sample ID:	Q3142-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	4.00	J	1	1.00	10.0	10.0	mg/L		09/19/25 15:40	SM 2540 C-20
TSS	4.00	U	1	1.00	4.00	4.00	mg/L		09/19/25 16:00	SM 2540 D-20

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 OR = Over Range
 N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q3142

Project: NWIRP Bethpage 112G08005-WE13

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137243BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	09/19/2025
Sample ID: LB137250BL							
TSS	mg/L	1	2.0000	J	1	4	09/19/2025

Duplicate Sample Summary

Client: Tetra Tech NUS, Inc. Project: NWIRP Bethpage 112G08005-WE13 Client ID: UAS-WAYNEDUP	SDG No.: Q3142 Sample ID: Q3102-01 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	93.2		93.1		1	0.11		09/19/2025

Duplicate Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	Q3142
Project:	NWIRP Bethpage 112G08005-WE13	Sample ID:	Q3142-01
Client ID:	RW8-SP100-20250918DUP	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	4.00	J	4.00	J	1	0		09/19/2025

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q3142

Project: NWIRP Bethpage 112G08005-WE13

Run No.: LB137243

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137243BS							
TDS	mg/L	100	94.0		94	1	90-110	09/19/2025

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q3142

Project: NWIRP Bethpage 112G08005-WE13

Run No.: LB137250

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137250BS							
TSS	mg/L	550	532		97	1	90-110	09/19/2025