

LAB CHRONICLE

OrderID:	Q3086	OrderDate:	9/12/2025 10:59:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3086-01	RW8-SP100-2025091 1	WATER			09/11/25 13:05			09/12/25
			TDS	SM2540 C			09/12/25 16:30	
			TSS	SM2540 D			09/15/25 11:00	
Q3086-02	RW8-SP303-2025091 1	WATER			09/11/25 13:13			09/12/25
			TDS	SM2540 C			09/12/25 16:30	
			TSS	SM2540 D			09/15/25 11:00	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/11/25 13:05
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/12/25
Client Sample ID:	RW8-SP100-20250911	SDG No.:	Q3086
Lab Sample ID:	Q3086-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	1.00	J	1	1.00	10.0	10.0	mg/L		09/12/25 16:30	SM 2540 C-20
TSS	4.00	U	1	1.00	4.00	4.00	mg/L		09/15/25 11:00	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:	09/11/25 13:13
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/12/25
Client Sample ID:	RW8-SP303-20250911	SDG No.:	Q3086
Lab Sample ID:	Q3086-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	2.00	J	1	1.00	10.0	10.0	mg/L		09/12/25 16:30	SM 2540 C-20
TSS	4.00	U	1	1.00	4.00	4.00	mg/L		09/15/25 11:00	SM 2540 D-20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
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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

Preparation Blank Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q3086

Project: NWIRP Bethpage 112G08005-WE13

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137186BL							
TSS	mg/L	1	2.0000	J	1	4	09/15/2025
Sample ID: LB137187BL							
TDS	mg/L	1	5.0000	J	1.0	10	09/12/2025

Duplicate Sample Summary

Client:	Tetra Tech NUS, Inc.	SDG No.:	Q3086
Project:	NWIRP Bethpage 112G08005-WE13	Sample ID:	Q3067-02
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	241		238		1	1.25		09/15/2025

Duplicate Sample Summary

Client: Tetra Tech NUS, Inc.	SDG No.: Q3086
Project: NWIRP Bethpage 112G08005-WE13	Sample ID: Q3086-02
Client ID: RW8-SP303-20250911DUP	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	2.00	J	2.00	J	1	0		09/12/2025

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q3086

Project: NWIRP Bethpage 112G08005-WE13

Run No.: LB137186

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137186BS							
TSS	mg/L	550	531		96	1	90-110	09/15/2025

Laboratory Control Sample Summary

Client: Tetra Tech NUS, Inc.

SDG No.: Q3086

Project: NWIRP Bethpage 112G08005-WE13

Run No.: LB137187

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137187BS							
TDS	mg/L	100	93.0		93	1	90-110	09/12/2025