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Fax : 908 789 8922

ANALYTICAL RESULTS SUMMARY

GENERAL CHEMISTRY
METALS
SEMI-VOLATILE ORGANICS

PROJECT NAME : NWIRP BETHPAGE - CTO WE13 1132341 WR6

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q2745

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

Table Of Contents for Q2745

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Cover Page

Order ID : Q2745

Project ID : NWIRP Bethpage - CTO WE13 1132341 WR6

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q2745-01	RW8-SP100-20250731
Q2745-02	RW8-SP303-20250731

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:46 pm, Aug 08, 2025

Date: 8/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage - CTO WE13 1132341 WR6
Project Manager : Ernie Wu
Order ID # Q2745
Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 08/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1. This data package contains results for SVOC-SIMGroup1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis except for PB169094BSD, Failed internal standard is not associated with DOD , therefor no further corrective action was taken.

The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BN037559.D met the requirements except for 2,4,6-Tribromophenol , Failed surrogate in Continuous Calibration is not associated with DOD, Therefor no further corrective action was taken.

The Tuning criteria met requirements.

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E. Additional Comments:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The Sample RW8-SP100-20250731 has the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage - CTO WE13 1132341 WR6
Project Manager : Ernie Wu
Order ID # Q2745
Test Name: Metals Group4

A. Number of Samples and Date of Receipt:
1 Water sample was received on 08/01/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Metals Group4, SVOC-SIMGroup1, TDS and TSS. This data package contains results for Metals Group4.

C. Analytical Techniques:
The analysis of Metals Group4 was based on method 6010D and digestion based on method 3010 (waters).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (71725MS) analysis met criteria for all compounds except for Iron due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (71725MSD) analysis met criteria for all compounds except for Iron due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:
The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:46 pm, Aug 08, 2025

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage - CTO WE13 1132341 WR6
Project Manager : Ernie Wu
Order ID # Q2745
Test Name: TDS,TSS

A. Number of Samples and Date of Receipt:
1 Water sample was received on 08/01/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: TDS,TSS. This data package contains results for TDS,TSS.

C. Analytical Techniques:
The analysis of TDS was based on method SM2540 C and The analysis of TSS was based on method SM2540 D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:
The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:47 pm, Aug 08, 2025

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2745

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/08/2025

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LAB CHRONICLE

OrderID:	Q2745	**OrderDate:**	8/1/2025 10:26:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage - CTO WE13 1132341 WR6
Contact:	Ernie Wu	**Location:**	O41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2745-01	**RW8-SP100-20250731**	**Water**			**07/31/25**			**08/01/25**
			SVOC-SIMGroup1	8270-Modified		08/04/25	08/05/25	
Q2745-02	**RW8-SP303-20250731**	**Water**			**07/31/25**			**08/01/25**
			SVOC-SIMGroup1	8270-Modified		08/04/25	08/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2745

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :									
				0.000					
			Total Svoc :		**0.00**				
			Total Concentration:		**0.00**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/31/25
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	08/01/25
Client Sample ID:	RW8-SP100-20250731	SDG No.:	Q2745
Lab Sample ID:	Q2745-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037561.D	1	08/04/25 08:40	08/05/25 10:47	PB169094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.20	U	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.32		30 - 150		79%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 - 150		94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		55 - 111		85%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		53 - 106		96%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.46		58 - 132		114%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2320	7.717				
1146-65-2	Naphthalene-d8	5680	10.498				
15067-26-2	Acenaphthene-d10	2800	14.345				
1517-22-2	Phenanthrene-d10	5310	17.087				
1719-03-5	Chrysene-d12	4330	21.277				
1520-96-3	Perylene-d12	3860	23.508				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/31/25
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	08/01/25
Client Sample ID:	RW8-SP303-20250731	SDG No.:	Q2745
Lab Sample ID:	Q2745-02	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037562.D	1	08/04/25 08:40	08/05/25 11:23	PB169094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.20	U	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.30		30 - 150		75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 - 150		88%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		55 - 111		80%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		53 - 106		90%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		58 - 132		116%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1760	7.724				
1146-65-2	Naphthalene-d8	4430	10.498				
15067-26-2	Acenaphthene-d10	2200	14.345				
1517-22-2	Phenanthrene-d10	4200	17.086				
1719-03-5	Chrysene-d12	3120	21.277				
1520-96-3	Perylene-d12	2700	23.508				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2745

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169094BL	PB169094BL	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.32	81		30	150
		Nitrobenzene-d5	0.4	0.35	88		55	111
		2-Fluorobiphenyl	0.4	0.38	94		53	106
		Terphenyl-d14	0.4	0.39	97		58	132
PB169094BS	PB169094BS	2-Methylnaphthalene-d10	0.4	0.34	85		30	150
		Fluoranthene-d10	0.4	0.31	77		30	150
		Nitrobenzene-d5	0.4	0.35	87		55	111
		2-Fluorobiphenyl	0.4	0.41	102		53	106
		Terphenyl-d14	0.4	0.36	90		58	132
PB169094BSD	PB169094BSD	2-Methylnaphthalene-d10	0.4	0.34	84		30	150
		Fluoranthene-d10	0.4	0.30	75		30	150
		Nitrobenzene-d5	0.4	0.35	88		55	111
		2-Fluorobiphenyl	0.4	0.40	100		53	106
		Terphenyl-d14	0.4	0.37	92		58	132
Q2745-01	RW8-SP100-20250731	2-Methylnaphthalene-d10	0.4	0.32	79		30	150
		Fluoranthene-d10	0.4	0.38	94		30	150
		Nitrobenzene-d5	0.4	0.34	85		55	111
		2-Fluorobiphenyl	0.4	0.38	96		53	106
		Terphenyl-d14	0.4	0.46	114		58	132
Q2745-02	RW8-SP303-20250731	2-Methylnaphthalene-d10	0.4	0.30	75		30	150
		Fluoranthene-d10	0.4	0.35	88		30	150
		Nitrobenzene-d5	0.4	0.32	80		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
		Terphenyl-d14	0.4	0.47	116		58	132

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2745 **Analytical Method:** 8270-Modified

Client: Tetra Tech NUS, Inc. **DataFile:** BN037566.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169094BS	1,4-Dioxane	0.4	0.31	ug/L	78				70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2745 **Analytical Method:** 8270-Modified

Client: Tetra Tech NUS, Inc. **DataFile:** BN037567.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169094BSD	1,4-Dioxane	0.4	0.29	ug/L	73	7			70	130	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169094BL

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q2745

Lab File ID: BN037560.D | Lab Sample ID: PB169094BL

Instrument ID: BNA_N | Date Extracted: 08/04/2025

Matrix: (soil/water) Water | Date Analyzed: 08/05/2025

Level: (low/med) LOW | Time Analyzed: 10:11

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169094BS	PB169094BS	BN037566.D	08/05/2025
RW8-SP100-20250731	Q2745-01	BN037561.D	08/05/2025
RW8-SP303-20250731	Q2745-02	BN037562.D	08/05/2025
PB169094BSD	PB169094BSD	BN037567.D	08/05/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2745

Lab File ID: BN037497.D DFTPP Injection Date: 07/15/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	83.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN037499.D	07/15/2025	12:36
SSTDICC0.2	SSTDICC0.2	BN037500.D	07/15/2025	13:12
SSTDICCC0.4	SSTDICCC0.4	BN037501.D	07/15/2025	13:49
SSTDICC0.8	SSTDICC0.8	BN037502.D	07/15/2025	14:25
SSTDICC1.6	SSTDICC1.6	BN037503.D	07/15/2025	15:01
SSTDICC3.2	SSTDICC3.2	BN037504.D	07/15/2025	15:38
SSTDICC5.0	SSTDICC5.0	BN037505.D	07/15/2025	16:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2745

Lab File ID: BN037558.D DFTPP Injection Date: 08/05/2025

Instrument ID: BNA_N DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (0.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.3 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	90.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.5 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037559.D	08/05/2025	09:35
PB169094BL	PB169094BL	BN037560.D	08/05/2025	10:11
RW8-SP100-20250731	Q2745-01	BN037561.D	08/05/2025	10:47
RW8-SP303-20250731	Q2745-02	BN037562.D	08/05/2025	11:23
PB169094BS	PB169094BS	BN037566.D	08/05/2025	13:47
PB169094BSD	PB169094BSD	BN037567.D	08/05/2025	14:23
SSTDCCC0.4EC	SSTDCCC0.4	BN037568.D	08/05/2025	15:03

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2745

Client ID : SSTDCCC0.4 Date Analyzed: 08/05/2025

Lab File ID: BN037559.D Time Analyzed: 09:35

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2357	7.717	6191	10.50	3180	14.35
	UPPER LIMIT	4714	8.217	12382	10.998	6360	14.845
	LOWER LIMIT	1178.5	7.217	3095.5	9.998	1590	13.845
	EPA SAMPLE NO.						
01	PB169094BL	2263	7.72	5525	10.50	2603	14.35
02	RW8-SP100-20250731	2323	7.72	5684	10.50	2801	14.35
03	RW8-SP303-20250731	1755	7.72	4432	10.50	2203	14.35
04	PB169094BS	1587	7.72	3862	10.50	1765	14.35
05	PB169094BSD	1690	7.72	4042	10.50	1850	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2745

Client ID: SSTDCCC0.4 Date Analyzed: 08/05/2025

Lab File ID: BN037559.D Time Analyzed: 09:35

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5684	17.086	4703		21.268	3993	23.505
	UPPER LIMIT	11368	17.586	9406		21.768	7986	24.005
	LOWER LIMIT	2842	16.586	2351.5		20.768	1996.5	23.005
	EPA SAMPLE NO.							
01	PB169094BL	4745	17.09	3478		21.28	3099	23.51
02	RW8-SP100-20250731	5308	17.09	4328		21.28	3857	23.51
03	RW8-SP303-20250731	4201	17.09	3117		21.28	2700	23.51
04	PB169094BS	3214	17.09	2404		21.27	2051	23.51
05	PB169094BSD	3303	17.09	2343	*	21.27	2004	23.51

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	
Client Sample ID:	PB169094BL	SDG No.:	Q2745
Lab Sample ID:	PB169094BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037560.D	1	08/04/25 08:40	08/05/25 10:11	PB169094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.20	U	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.31		30 - 150		78%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.32		30 - 150		81%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		55 - 111		88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		53 - 106		94%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.39		58 - 132		97%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2260	7.724				
1146-65-2	Naphthalene-d8	5530	10.498				
15067-26-2	Acenaphthene-d10	2600	14.345				
1517-22-2	Phenanthrene-d10	4750	17.086				
1719-03-5	Chrysene-d12	3480	21.277				
1520-96-3	Perylene-d12	3100	23.507				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	
Client Sample ID:	PB169094BS	SDG No.:	Q2745
Lab Sample ID:	PB169094BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037566.D	1	08/04/25 08:40	08/05/25 13:47	PB169094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31		0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.34		30 - 150		85%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.31		30 - 150		77%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		55 - 111		87%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		53 - 106		102%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		58 - 132		90%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1590	7.717				
1146-65-2	Naphthalene-d8	3860	10.498				
15067-26-2	Acenaphthene-d10	1770	14.345				
1517-22-2	Phenanthrene-d10	3210	17.087				
1719-03-5	Chrysene-d12	2400	21.268				
1520-96-3	Perylene-d12	2050	23.508				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	
Client Sample ID:	PB169094BSD	SDG No.:	Q2745
Lab Sample ID:	PB169094BSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037567.D	1	08/04/25 08:40	08/05/25 14:23	PB169094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.29		0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.34		30 - 150		84%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 - 150		75%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		55 - 111		88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		53 - 106		100%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		58 - 132		92%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1690	7.717				
1146-65-2	Naphthalene-d8	4040	10.498				
15067-26-2	Acenaphthene-d10	1850	14.345				
1517-22-2	Phenanthrene-d10	3300	17.086				
1719-03-5	Chrysene-d12	2340	21.268				
1520-96-3	Perylene-d12	2000	23.508				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN071525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jul 16 02:38:11 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037499.D 0.2 =BN037500.D 0.4 =BN037501.D 0.8 =BN037502.D 1.6 =BN037503.D 3.2 =BN037504.D 5 =BN037505.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.409	0.395	0.371	0.398	0.380	0.354	0.385		5.29
3)		n-Nitrosodimet...	0.466	0.464	0.465	0.508	0.499	0.501	0.484		4.31
4)	S	2-Fluorophenol	1.038	1.011	0.985	0.908	0.982	0.971	1.030	0.989	4.42
5)	S	Phenol-d6	1.448	1.238	1.190	1.105	1.201	1.229	1.275	1.241	8.52
6)		bis(2-Chloroet...	1.082	1.052	1.024	0.983	1.037	1.033	1.016	1.033	2.99
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.311	0.288	0.283	0.270	0.300	0.305	0.336	0.299	7.20
9)		Naphthalene	1.069	1.054	1.046	1.009	1.091	1.073	1.126	1.067	3.45
10)		Hexachlorobuta...	0.229	0.237	0.235	0.223	0.245	0.236	0.246	0.236	3.44
11)	SURR	2-Methylnaphth...	0.556	0.534	0.541	0.522	0.562	0.590	0.711	0.574	11.24
12)		2-Methylnaphth...	0.704	0.655	0.678	0.665	0.716	0.736	0.756	0.701	5.34
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.197	0.173	0.173	0.176	0.194	0.215	0.248	0.197	13.98
15)	S	2-Fluorobiphenyl	1.818	1.794	2.045	2.024	2.277	2.205	2.397	2.080	10.91
16)		Acenaphthylene	1.723	1.708	1.719	1.684	1.830	1.895	1.981	1.792	6.30
17)		Acenaphthene	1.239	1.160	1.172	1.150	1.238	1.251	1.320	1.218	5.03
18)		Fluorene	1.592	1.488	1.485	1.486	1.605	1.606	1.717	1.569	5.56
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.044	0.041	0.047	0.057	0.070	0.080	0.057		27.89
21)		4-Bromophenyl-...	0.248	0.247	0.243	0.242	0.268	0.272	0.274	0.256	5.58
22)		Hexachlorobenzene	0.315	0.330	0.328	0.321	0.345	0.340	0.338	0.331	3.26
23)		Atrazine	0.173	0.161	0.159	0.158	0.181	0.200	0.220	0.179	13.24
24)		Pentachlorophenol	0.131	0.125	0.126	0.151	0.170	0.189	0.149		17.64
25)		Phenanthrene	1.167	1.163	1.160	1.129	1.248	1.248	1.273	1.198	4.70
26)		Anthracene	1.025	1.025	1.013	1.023	1.160	1.176	1.232	1.093	8.45
27)	SURR	Fluoranthene-d10	1.023	0.998	0.962	0.928	1.041	1.078	1.385	1.060	14.34
28)		Fluoranthene	1.358	1.310	1.290	1.270	1.429	1.431	1.585	1.382	7.96
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.754	1.559	1.607	1.549	1.607	1.665	1.539	1.612	4.74
31)	S	Terphenyl-d14	0.926	0.815	0.844	0.811	0.854	0.902	0.865	0.859	4.94
32)		Benzo(a)anthra...	1.414	1.357	1.341	1.285	1.429	1.464	1.517	1.401	5.63
33)		Chrysene	1.452	1.461	1.434	1.358	1.488	1.490	1.528	1.459	3.70
34)		Bis(2-ethylhex...	0.603	0.564	0.538	0.603	0.693	0.779	0.630		14.26
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN071525.M

36)		Indeno(1,2,3-c...	1.493	1.528	1.514	1.559	1.771	1.805	1.991	1.666	11.48
37)		Benzo(b)fluora...	1.464	1.378	1.454	1.436	1.589	1.617	1.692	1.518	7.53
38)		Benzo(k)fluora...	1.516	1.420	1.486	1.470	1.661	1.689	1.724	1.567	7.75
39)	C	Benzo(a)pyrene	1.189	1.152	1.192	1.176	1.320	1.369	1.469	1.267	9.51
40)		Dibenzo(a,h)an...	1.201	1.218	1.216	1.256	1.444	1.483	1.627	1.349	12.46
41)		Benzo(g,h,i)pe...	1.247	1.283	1.309	1.297	1.482	1.497	1.663	1.397	10.98

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q2745

Instrument ID: BNA_N Calibration Date/Time: 08/05/2025 09:35

Lab File ID: BN037559.D Init. Calib. Date(s): 07/15/2025 07/15/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 12:36 16:14

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.574	0.515		-10.3	20.0
Fluoranthene-d10	1.060	0.889		-16.1	20.0
2-Fluorophenol	0.989	0.880		-11.0	20.0
Phenol-d6	1.241	1.098		-11.5	20.0
Nitrobenzene-d5	0.299	0.279		-6.7	20.0
2-Fluorobiphenyl	2.080	2.181		4.9	20.0
2,4,6-Tribromophenol	0.197	0.140		-28.9	20.0
Terphenyl-d14	0.859	0.738		-14.1	20.0
1,4-Dioxane	0.385	0.404		4.9	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q2745

Instrument ID: BNA_N Calibration Date/Time: 08/05/2025 15:03

Lab File ID: BN037568.D Init. Calib. Date(s): 07/15/2025 07/15/2025

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): 12:36 16:14

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.574	0.505		-12.0	50.0
Fluoranthene-d10	1.060	0.905		-14.6	50.0
2-Fluorophenol	0.989	0.840		-15.1	50.0
Phenol-d6	1.241	1.017		-18.0	50.0
Nitrobenzene-d5	0.299	0.288		-3.7	50.0
2-Fluorobiphenyl	2.080	2.112		1.5	50.0
2,4,6-Tribromophenol	0.197	0.145		-26.4	50.0
Terphenyl-d14	0.859	0.819		-4.7	50.0
1,4-Dioxane	0.385	0.388		0.8	50.0

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q2745	**OrderDate:**	8/1/2025 10:26:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage - CTO WE13 1132341 WR6
Contact:	Ernie Wu	**Location:**	O41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2745-01	**RW8-SP100-20250731**	**Water**			**07/31/25**			**08/01/25**
			Metals Group4	6010D		08/04/25	08/04/25	
Q2745-02	**RW8-SP303-20250731**	**Water**			**07/31/25**			**08/01/25**
			Metals Group4	6010D		08/04/25	08/04/25	

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Hit Summary Sheet
SW-846

SDG No.:	Q2745	**Order ID:**	Q2745
Client:	Tetra Tech NUS, Inc.	**Project ID:**	NWIRP Bethpage - CTO WE13 1132341 W

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	**RW8-SP303-20250731**								
Q2745-02	RW8-SP303-20250731	Water	Iron	42.8	J	11.7	40.0	50.0	ug/L

SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/31/25
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	08/01/25
Client Sample ID:	RW8-SP100-20250731	SDG No.:	Q2745
Lab Sample ID:	Q2745-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	40.0	UN	1	11.7	40.0	50.0	ug/L	08/04/25 10:10	08/04/25 17:08	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group4				

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/31/25
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	08/01/25
Client Sample ID:	RW8-SP303-20250731	SDG No.:	Q2745
Lab Sample ID:	Q2745-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	42.8	JN	1	11.7	40.0	50.0	ug/L	08/04/25 10:10	08/04/25 17:12	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group4				

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

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

METAL CALIBRATION DATA

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Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Iron	3980	4000	100	90 - 110	P	08/04/2025	11:41	LB136697

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc.
SDG No.: Q2745
Contract: TETR06
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Iron	102	100	102	80 - 120	P	08/04/2025	11:45	LB136697

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Iron	4860	5000	97	90 - 110	P	08/04/2025	12:25	LB136697
CCV02	Iron	4930	5000	99	90 - 110	P	08/04/2025	13:37	LB136697
CCV03	Iron	4990	5000	100	90 - 110	P	08/04/2025	14:43	LB136697
CCV04	Iron	4900	5000	98	90 - 110	P	08/04/2025	15:48	LB136697
CCV05	Iron	5040	5000	101	90 - 110	P	08/04/2025	16:51	LB136697
CCV06	Iron	5210	5000	104	90 - 110	P	08/04/2025	17:41	LB136697
CCV07	Iron	5150	5000	103	90 - 110	P	08/04/2025	17:58	LB136697

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Iron	4000	4000	100	90 - 110	P	08/06/2025	11:55	LB136729

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc.
SDG No.: Q2745
Contract: TETR06
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Iron	108	100	108	80 - 120	P	08/06/2025	12:09	LB136729

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc.

SDG No.: Q2745

Contract: TETR06

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Iron	4990	5000	100	90 - 110	P	08/06/2025	12:47	LB136729
CCV02	Iron	4940	5000	99	90 - 110	P	08/06/2025	13:37	LB136729
CCV03	Iron	5270	5000	106	90 - 110	P	08/06/2025	14:49	LB136729

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Iron	111	100	111	65 - 135	P	08/04/2025	11:57	LB136697
CRI01	Iron	97.9	100	98	65 - 135	P	08/06/2025	12:26	LB136729

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	11:52	LB136697

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	12:29	LB136697
CCB02	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	13:41	LB136697
CCB03	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	14:54	LB136697
CCB04	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	15:53	LB136697
CCB05	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	16:55	LB136697
CCB06	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	17:45	LB136697
CCB07	Iron	23.4	+/-50	U	80.0	100	P	08/04/2025	18:02	LB136697

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	23.4	+/-50	U	80.0	100	P	08/06/2025	12:21	LB136729

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	23.4	+/-50	U	80.0	100	P	08/06/2025	12:52	LB136729
CCB02	Iron	23.4	+/-50	U	80.0	100	P	08/06/2025	13:52	LB136729
CCB03	Iron	23.4	+/-50	U	80.0	100	P	08/06/2025	14:53	LB136729

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169098BL		**WATER**		**Batch Number:**		**PB169098**		**Prep Date:**	**08/04/2025**	
	Iron	11.7	<25	U	40.0	50.0	P	08/06/2025	12:57	LB136729

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Iron	98400	101000	97	85600	116500	08/04/2025	12:01	LB136697
ICSAB01	Iron	101000	99300	102	84400	114500	08/04/2025	12:05	LB136697
ICSA01	Iron	102000	101000	101	85600	116500	08/06/2025	12:31	LB136729
ICSAB01	Iron	101000	99300	102	84400	114500	08/06/2025	12:35	LB136729

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q2745

contract: TETR06 **lab code:** ACE

matrix: Water **sample id:** Q2756-01 **client id:** 71725MS

Percent Solids for Sample: NA **Spiked ID:** Q2756-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	87 - 115	6750		5880		1500	58	N	P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q2745

contract: TETR06 **lab code:** ACE

matrix: Water **sample id:** Q2756-01 **client id:** 71725MSD

Percent Solids for Sample: NA **Spiked ID:** Q2756-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	87 - 115	7070		5880		1500	79	N	P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** 71725A

Sample ID: Q2756-01 **Spiked ID:** Q2756-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	87 - 115	7270		5880		1500	93		P

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2756-01 **Client ID:** 71725DUP

Percent Solids for Sample: NA **Duplicate ID** Q2756-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	5880		5820		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2756-01MS **Client ID:** 71725MSD

Percent Solids for Sample: NA **Duplicate ID** Q2756-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	6750		7070		5		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169098BS							
Iron	ug/L	1500	1550		103	87 - 115	P

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Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

71725L

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **Lb No.:** lb136729 **Lab Sample ID :** Q2756-01L **SDG No.:** Q2745

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Iron	5880		5280		10		P

METAL PREPARATION & INSTRUMENT DATA

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q2745

Contract: TETR06

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q2745

Contract: TETR06

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Contract: TETR06 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169098**						
PB169098BL	PB169098BL	MB	WATER	08/04/2025	50.0	25.0	
PB169098BS	PB169098BS	LCS	WATER	08/04/2025	50.0	25.0	
Q2745-01	RW8-SP100-20250731	SAM	WATER	08/04/2025	50.0	25.0	
Q2745-02	RW8-SP303-20250731	SAM	WATER	08/04/2025	50.0	25.0	
Q2756-01DUP	71725DUP	DUP	WATER	08/04/2025	50.0	25.0	
Q2756-01MS	71725MS	MS	WATER	08/04/2025	50.0	25.0	
Q2756-01MSD	71725MSD	MSD	WATER	08/04/2025	50.0	25.0	

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metals
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ANALYSIS RUN LOG

Client: Tetra Tech NUS, Inc. **Contract:** TETR06

Lab code: ACE **Sdg no.:** Q2745

Instrument id number: **Method:** **Run number:** LB136697

Start date: 08/04/2025 **End date:** 08/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1115	Fe
S1	S1	1	1120	Fe
S2	S2	1	1124	Fe
S3	S3	1	1128	Fe
S4	S4	1	1132	Fe
S5	S5	1	1136	Fe
ICV01	ICV01	1	1141	Fe
LLICV01	LLICV01	1	1145	Fe
ICB01	ICB01	1	1152	Fe
CRI01	CRI01	1	1157	Fe
ICSA01	ICSA01	1	1201	Fe
ICSAB01	ICSAB01	1	1205	Fe
CCV01	CCV01	1	1225	Fe
CCB01	CCB01	1	1229	Fe
CCV02	CCV02	1	1337	Fe
CCB02	CCB02	1	1341	Fe
CCV03	CCV03	1	1443	Fe
CCB03	CCB03	1	1454	Fe
CCV04	CCV04	1	1548	Fe
CCB04	CCB04	1	1553	Fe
CCV05	CCV05	1	1651	Fe
CCB05	CCB05	1	1655	Fe
Q2745-01	RW8-SP100-20250731	1	1708	Fe
Q2745-02	RW8-SP303-20250731	1	1712	Fe
CCV06	CCV06	1	1741	Fe
CCB06	CCB06	1	1745	Fe
CCV07	CCV07	1	1758	Fe
CCB07	CCB07	1	1802	Fe

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metals
- 14 -
ANALYSIS RUN LOG

Client: Tetra Tech NUS, Inc. **Contract:** TETR06

Lab code: ACE **Sdg no.:** Q2745

Instrument id number: **Method:** **Run number:** LB136729

Start date: 08/06/2025 **End date:** 08/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1130	Fe
S1	S1	1	1135	Fe
S2	S2	1	1139	Fe
S3	S3	1	1143	Fe
S4	S4	1	1147	Fe
S5	S5	1	1151	Fe
ICV01	ICV01	1	1155	Fe
LLICV01	LLICV01	1	1209	Fe
ICB01	ICB01	1	1221	Fe
CRI01	CRI01	1	1226	Fe
ICSA01	ICSA01	1	1231	Fe
ICSAB01	ICSAB01	1	1235	Fe
CCV01	CCV01	1	1247	Fe
CCB01	CCB01	1	1252	Fe
PB169098BL	PB169098BL	1	1257	Fe
PB169098BS	PB169098BS	1	1301	Fe
Q2756-01DUP	71725DUP	1	1314	Fe
Q2756-01L	71725L	5	1318	Fe
Q2756-01MS	71725MS	1	1322	Fe
Q2756-01MSD	71725MSD	1	1329	Fe
Q2756-01A	71725A	1	1333	Fe
CCV02	CCV02	1	1337	Fe
CCB02	CCB02	1	1352	Fe
CCV03	CCV03	1	1449	Fe
CCB03	CCB03	1	1453	Fe

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LAB CHRONICLE

OrderID:	Q2745	**OrderDate:**	8/1/2025 10:26:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage - CTO WE13 1132341 WR6
Contact:	Ernie Wu	**Location:**	O41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2745-02	**RW8-SP303-2025073 1**	**WATER**			**07/31/25 13:13**			**08/01/25**
			TDS	SM2540 C			08/04/25 12:30	
			TSS	SM2540 D			08/06/25 10:30	

SAMPLE DATA

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/31/25 13:13
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	Date Received:	08/01/25
Client Sample ID:	RW8-SP303-20250731	SDG No.:	Q2745
Lab Sample ID:	Q2745-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	19.0		1	1.00	10.0	10.0	mg/L		08/04/25 12:30	SM 2540 C-20
TSS	4.00	U	1	1.00	4.00	4.00	mg/L		08/06/25 10:30	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

QC RESULT SUMMARY

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Preparation Blank Summary

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2745

Project: NWIRP Bethpage - CTO WE13 1132341 WR6

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136685BL							
TDS	mg/L	1	5.0000	J	1.0	10	08/04/2025
Sample ID: LB136718BL							
TSS	mg/L	1	2.0000	J	1	4	08/06/2025

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Duplicate Sample Summary

Client: Tetra Tech NUS, Inc.
SDG No.: Q2745
Project: NWIRP Bethpage - CTO WE13 1132341 WR6
Sample ID: Q2745-02
Client ID: RW8-SP303-20250731DUP
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	19.0		19.0		1	0		08/04/2025

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

Duplicate Sample Summary

Client: Tetra Tech NUS, Inc.
SDG No.: Q2745
Project: NWIRP Bethpage - CTO WE13 1132341 WR6
Sample ID: Q2759-04
Client ID: LIQUID-DRUMSDUP
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	1580		1620		1	2.5		08/06/2025

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Laboratory Control Sample Summary

Client:	Tetra Tech NUS, Inc.	**SDG No.:**	Q2745
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	**Run No.:**	LB136685

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **LB136685BS**								
TDS	mg/L	100	96.0		96	1	90-110	08/04/2025

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Laboratory Control Sample Summary

Client:	Tetra Tech NUS, Inc.	**SDG No.:**	Q2745
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6	**Run No.:**	LB136718

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136718BS								
TSS	mg/L	550	531		96	1	90-110	08/06/2025

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q 2745
COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY: Tetra Tech	PROJECT NAME: NWIRP Bethpage	BILL TO: PO#
ADDRESS: 4433 Corporation Ln, Suite 300	PROJECT #: 112G08005-WE13 LOCATION: RW8	ADDRESS:
CITY: Virginia Beach STATE: VA ZIP: 23462	PROJECT MANAGER: Ernie Wu	CITY: STATE: ZIP:
ATTENTION: Ernie Wu	E-MAIL: ernie,wu@tetratech.com	ATTENTION: PHONE:
PHONE: 757-466-4901 FAX: 757-461-4148	PHONE: 757-466-4901 FAX: 757-461-4148	

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD 10 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

1	2	3	4	5	6	7	8	9
1,4-Dioxane SW846 8270 SIM	Iron, Total	TSS	TDS					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
									B								<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
1.	RW8-SP100-20250731	GW		x	7/31/25	13:05	2	x	x								
2.	RW8-SP303-20250731	GW		x	7/31/25	13:13	4	x	x	x	x						
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
RELINQUISHED BY SAMPLER 1.	7/31 1416	RECEIVED BY 1.	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 1.9°C
RELINQUISHED BY 2. FedEx	DATE/TIME 8-1-25 1005	RECEIVED BY 2.	MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: Y
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	Comments:

Page ____ of ____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488