

DATA PACKAGE GENERAL CHEMISTRY

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC. 661 Andersen Drive Suite 200 Pittsburgh, PA - 15220-2745 Phone No: 412-921-7090

ORDER ID : Q1069 ATTENTION : Ernie Wu



Laboratory Certification ID # 20012





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Cover Page

- **Order ID :** Q1069
- Project ID : NWIRP Bethpage 112G08005-WE13
 - **Client :** Tetra Tech NUS, Inc.

Lab Sample Number

Client Sample Number

Q1069-01 Q1069-02

RW7B-CARBON-20250109 RW7B-CARBON-20250109

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.



APPROVED By Nimisha Pandya, QA/QC Supervisor at 10:33 am, Jan 23, 2025

Date: 1/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

Tetra Tech NUS, Inc. Project Name: NWIRP Bethpage 112G08005-WE13 Project Manager: Ernie Wu Chemtech Project # Q1069 Test Name: pH,Ignitability

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 01/09/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Flash Point, Ignitability, PCB, pH, SVOC-TCL BNA -20, TCLP Extraction, TCLP Mercury, TCLP Metal, TCLP VOA, TCLP ZHE Extraction and TCLPMetals Group1. This data package contains results for pH,Ignitability.

C. Analytical Techniques:

The analysis of Ignitability was based on method 1030 and The analysis of pH was based on method 9045D.

D. QA/ QC Samples:

The Holding Times were met for all samples except for RW7B-CARBON-20250109 of pH as this sample received out of hold.

The Duplicate analysis met criteria for all samples.

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_

By Nimisha Pandya, QA/QC Supervisor at 10:33 am, Jan 23, 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
Ε	Indicates the reported value is estimated because of the presence of interference
Μ	Indicates Duplicate injection precision not met.
Ν	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 OR	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"T"for Titrimetric"NR"for analyte not required to be analyzedIndicates 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
Н	Sample Analysis Out Of Hold Time

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMT	TECH PROJECT NUMBER: Q1069	MATRIX: Solid			
METHO	DD: 1030,9045D				
1.	Blank Contamination - If yes, list compounds and concentration	s in each blank:	NA	NO ✔	YES
2.	Sample Duplicate Analysis Met QC Criteria				\checkmark
	If not met, list those compounds and their recoveries which fall range.	outside the acceptable			
3.	Digestion Holding Time Met			\checkmark	
	If not met, list number of days exceeded for each sample:				
	The Holding Times were met for all samples except for RW7B- of pH as this sample received out of hold.	CARBON-20250109			

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





APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1069

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

Completed

QA Review Signature:

SOHIL JODHANI

Date: 01/15/2025



LAB CHRONICLE

OrderID: Client: Contact:	Q1069 Tetra Tech NUS, Inc. Ernie Wu	OrderDate: Project: Location:	1/10/2025 1:20 NWIRP Bethpa M11		-WE13			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1069-01	RW7B-CARBON-20250 109	SOIL			01/09/25 14:00			01/09/25
			Ignitability	1030			01/13/25	
			рН	9045D			15:25 01/13/25 09:20	







Report of Analysis

Client:	Tetra Tech NUS, 1	Inc.			Date Collected:	01/09/25 14	:00
Project:	NWIRP Bethpage	e 112G08005-W	/E13		Date Received:	01/09/25	
Client Sample ID:	RW7B-CARBON	-20250109			SDG No.: Q106		
Lab Sample ID:	Q1069-01				Matrix:	SOIL	
					% Solid:	55.6	
Parameter	Conc. Qua. DF	MDL LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO 1	0 0	0	oC		01/13/25 15:25	1030
pН	5.57 H 1	0 0	0	pH		01/13/25 09:20	9045D

Comments: pH result reported at temperature 20.7 °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



<u>QC RESULT</u> <u>SUMMARY</u>



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

Initial and Continuing Calibration Verification

Client: Project:	Tetra Tech NUS, I NWIRP Bethpage			SDG No.: Q1069 RunNo.: LB1342	243		
Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: H	ICV	рН	7.02	7	100	90-110	01/13/2025
Sample ID: >H	CCV1	рН	2.01	2.00	101	90-110	01/13/2025
Sample ID: H	CCV2	рН	12.02	12.00	100	90-110	01/13/2025



Duplicate Sample Summary

		+/-20	NO		NO			0		01/13/202
alyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysi Date
Client ID:	MOO-25-0002DUP				Percent Sol	ids for Spil	ke Sample:	10	0	
Project:	NWIRP Bethpage 112G08005-WE13			Sample ID: Q1065-01						
Client:	Tetra Tech NUS, Inc.				SDG No.:	QI	069			



Duplicate Sample Summary

рН	рН	+/-20	5.57		5.58		1	0.18		01/13/2025
Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Client ID:	RW7B-CARBON-202	50109DUP			Percent Sol	lids for Spil	ke Sample:	10	0	
Project:	NWIRP Bethpage 1120	G08005-WE13			Sample ID:	c C	21069-01			
Client:	Tetra Tech NUS, Inc.				SDG No.:	Q1	069			



RAW DATA



Analytical Summary Report

Analysis Method:	9045D	Analyst By : jignesh
Parameter:	рH	Supervisor Review By : Iwona
Run Number:	LB134243	Slope : 98.4
BalanceID:	WC SC-7	pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W3107
BUFFER PH 7.00 GREEN 1PINT PK6	W3093
PH 10.01 BUFFER, COLOR CD 475ML	W3094
buffer solution pH 7 yellow	W3071
Buffer Solution, PH2 (500ml)	W3161
Buffer Solution, PH12 (500ml)	W3072

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.1].

True Value of CCV2 = 12.00 Control Limits[+/- 0.1].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	20.2	4.01	01/13/2025	09:00
2	CAL2	1	Water	NA	NA	20.2	7.00	01/13/2025	09:01
3	CAL3	1	Water	NA	NA	20.2	10.02	01/13/2025	09:05
4	ICV	1	Water	NA	NA	20.2	7.02	01/13/2025	09:10
5	CCV1	1	Water	NA	NA	20.1	2.01	01/13/2025	09:11
6	Q1069-01	1	Solid	20.02	20	20.7	5.57	01/13/2025	09:20
7	Q1069-01DUP	1	Solid	20.03	20	20.2	5.58	01/13/2025	09:21
8	CCV2	1	Water	NA	NA	20.2	12.02	01/13/2025	09:25

14

Reviewed By:Iwona On:1/13/2025 9:52:06 AM Inst Id :WC PH

METER-1

K3	Date: 01-13-2025 08:46:32	Collect Date Method		01/09/2025 00150	
chanel an	Õ	Raw Sample Storage Location		M11	
ain)	Department : Wet-Chemistry	Customer		TETR06	
WORKLIST(Hardcopy Internal Chain)	Department :	Preservative		Cool 4 deg C	
	WorkList ID: 186886	Test		H	
	WorkList ID	Matrix Test		Hd pilos	
	ph q1069	Customer Sample	RW78-CABRON 20250100	80106202-NOGNOC-21100	
Q1069-	BWorkList Name: ph q1069	Sample WaHC	Q1069-01		

Date/Time 01-13.25 08.50 Raw Sample Received by: TS W Raw Sample Relinquished by: 17 of 40

Ceelo 0 5 6 7 8 Raw Sample Relinquished by: Date/Time 0/-(3- 25 Raw Sample Received by: 9 10 11 12 13 14

Reviewed By:Iwona On:1/13/2025 9:52:06 AM Inst Id :WC PH METER-1

06,11

Page 1 of 1



Analytical Summary Report

Analysis Method:	1030	Reviewed By:	rubina
Parameter:	Ignitability	Supervisor Review By:	Iwona
Run Number:	LB134254		

Seq	LabID	ClientID	DF	matrix	Result Status	Burning Rate	Anal Date	Anal Time
1	Q1065-01	MOO-25-0002	1	Solid	NO	0.00	01/13/2025	15:10
2	Q1065-01DUP	MOO-25-0002DUP	1	Solid	NO	0.00	01/13/2025	15 : 17
3	Q1069-01	RW7B-CARBON-20250109	1	Solid	NO	0.00	01/13/2025	15:25
4	Q1074-01	HACKENSACK-DGA	1	Solid	NO	0.00	01/13/2025	15:32
5	Q1074-02	HACKENSACK-DGA	1	Solid	NO	0.00	01/13/2025	15:40
6	Q1076-01	ARS20-0006	1	Solid	NO	0.00	01/13/2025	15:48
7	Q1076-02	ARS20-0006	1	Solid	NO	0.00	01/13/2025	15 : 55

Burning Rate = Length(mm)

Total Time(sec)

	LD134254	Raw Sample Storage Collect Date Method Location		M11 011100005 1000	0201 6202001/10	M11 01/09/2025 1030	PCN PCN	N21 01/13/2025 1030	N21 01/13/2025 1030		N41 01/13/2025 1030	N41 01/13/2025 1030	
lain)	Wet-Chemistry	Customer		PSEG03		TETR06	PSFG03	00010	PSEG03		PSEG03	PSEG03	
IST(Hardcopy Internal Chain)	Department :	Preservative	and the second s	Cool 4 deg C	Cool 4 doc C	coul 4 deg C	Cool 4 deg C		COOI 4 deg C	Cool 4 der C	O Rep + pop	Cool 4 deg C	
WORKLIST(Ha	WorkList ID: 186881	k Test		Ignitability	lgnitability		Ignitability	lanitahility.		Ignitability		Ignitability	
	WorkL	Matrix		Solid	Solid		Solid	Solid		Solid		DIIOC	
	ign-1-13	Customer Sample	MOD-25-0002	7000-07 0	RW7B-CARBON-20250109	HACKENSACK DCA	ADD-ADARA	HACKENSACK-DGA	ADCOD DOOD	9000-026VA	ARS20-0006		
Q1069	G WorkList Name :	Sample	Q1065-01	100010	C1008-61	Q1074-01		Q1074-02	01076-01		Q1076-02		

00 (cmc) 1 mil Raw Sample Received by: RMDate/Time OL 13/2.025

Page 1 of 1



Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB134243

Review By	jign	nesh	Review On	1/13/2025 8:55:48 AM			
Supervise By	lwc	ona	Supervise On	1/13/2025 9:52:06 AM			
SubDirectory	LB	134243	Test	рН			
STD. NAME		STD REF.#					
ICAL Standard		N/A					
ICV Standard		N/A					
CCV Standard		N/A					
ICSA Standard		N/A					
CRI Standard		N/A					
LCS Standard		N/A					
Chk Standard		W3107,W3093,W3094,W3071,W3161,W3072					

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	01/13/25 09:00		Jignesh	ОК
2	CAL2	CAL2	CAL	01/13/25 09:01		Jignesh	ОК
3	CAL3	CAL3	CAL	01/13/25 09:05		Jignesh	ок
4	ICV	ICV	ICV	01/13/25 09:10		Jignesh	ОК
5	CCV1	CCV1	CCV	01/13/25 09:11		Jignesh	ОК
6	Q1069-01	RW7B-CARBON-202	SAM	01/13/25 09:20		Jignesh	ок
7	Q1069-01DUP	RW7B-CARBON-202	DUP	01/13/25 09:21		Jignesh	ОК
8	CCV2	CCV2	CCV	01/13/25 09:25		Jignesh	ок



Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QCBatch ID # LB134254

Review By	rub	ina	Review On	1/13/2025 5:05:55 PM
Supervise By	lwo	ona	Supervise On	1/14/2025 9:33:29 AM
SubDirectory	LB134254		Test	Ignitability
STD. NAME		STD REF.#		
ICAL Standard		N/A		
ICV Standard		N/A		
CCV Standard		N/A		
ICSA Standard		N/A		
CRI Standard		N/A		
LCS Standard		N/A		
Chk Standard		N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q1065-01	MOO-25-0002	SAM	01/13/25 15:10		rubina	ок
2	Q1065-01DUP	MOO-25-0002DUP	DUP	01/13/25 15:17		rubina	ок
3	Q1069-01	RW7B-CARBON-202	SAM	01/13/25 15:25		rubina	ок
4	Q1074-01	HACKENSACK-DGA	SAM	01/13/25 15:32		rubina	ок
5	Q1074-02	HACKENSACK-DGA	SAM	01/13/25 15:40		rubina	ОК
6	Q1076-01	ARS20-0006	SAM	01/13/25 15:48		rubina	ОК
7	Q1076-02	ARS20-0006	SAM	01/13/25 15:55		rubina	ОК



Prep Standard - Chemical Standard Summary

Order ID : Q1069

Test : Ignitability,Percent Solids,pH

Prepbatch ID :

Sequence ID/Qc Batch ID: LB134243,LB134254,

Standard ID :

Chemical ID :

W3071,W3072,W3093,W3094,W3107,W3161,



CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL14455-3 / buffer solution pH 7 yellow	4308H30	07/31/2025	01/02/2024 / JIGNESH	12/06/2023 / Iwona	W3071
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL14940-1 / Buffer Solution, PH12 (500ml)	2310P21	04/30/2025	01/02/2024 / JIGNESH	12/07/2023 / Iwona	W3072
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	566002 / BUFFER PH 7.00 GREEN 1PINT PK6	44001f99	4001f99 12/31/2025 04/03/2024 / jignesh		04/02/2024 / jignesh	W3093
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1601-1 / PH 10.01 BUFFER,COLOR CD 475ML	4310g83	03/31/2025	04/03/2024 / jignesh	04/02/2024 / jignesh	W3094
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL14055-3 / PH 4 BUFFER SOLUTION	AL14055-3	02/27/2026	09/05/2024 / jignesh	05/13/2024 / jignesh	W3107
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AL13850-1 / Buffer Solution, PH2 (500ml)	2411E26	10/31/2026	12/09/2024 / Iwona	12/09/2024 / Iwona	W3161

Q1069-GENCHEM

RIC						. CC W ³ nal					1490 Lammers P Batesville, IN 470 tp://www.riccachemical.c 1-888-GO-RIC rservice@riccachemical.co	006 com CA	
Buffer, Refe	rence	Stand	lard, r	H 7.0	10 ± 0.0	01 at 2	25°C ((Color	Coded	Yellow)		4	
Lot Number: 4	4308H	1 30	P	roduct	Numbe	e r: 1553	1			Manuf	acture Date: AUG 09, 20 Expiration Date: JUL 20		
The certified value The NIST traceabl	• for this p le pH valu	product is ue is certif	confirmed fied to ± 0 .	d in inder .01 at 25 '	endent te °C only, A	esting by a	ı second qı H vəlues a	ualified cl	hemist.	+	res are accurate to ± 0.05 .	7	
°C 0 pH 7.12	5 7.09	10 7.06	15 7.04	20 7.02	25 7.00	30 6.99	35 6.98	40 6.98	45 6.97	50 6.97	res are accurate to ± 0.05.	8 9	
Name	80.83				CA	AS#			Grade			10	
Water					77	7732-18-5				STM/USP/I	EP	11	
Sodium Phosph					75	7558-79-4			ACS		•••••••••••••••••••••••••••••••••••••••	12	
Potassium Dih	ydrogen	ı Phospł	nate		777	78-77-0			ACS			12	
Preservative						oprietary						13	
Yellow Dye						oprietary	y .					14	
Sodium Hydrox	ade				131	10-73-2		· · ·	Reagen	t 			
Test	1.5		1012			Spec	cification	1	Re	Result			
Appearance	in an					Yell	ow liqui	d	Pa	ssed	*Not a certified valu	le.	
Test						Cert	ified Val	lue	Un	certainty	NIST SRM#	7	
pH at 25°C (Me	ethod: S	QCP027	7, SQCP	'033)		7.002	2		0.0	2	186-I-g, 186-II-g, 191d		
Specification								Refer	ence				
Commercial Buf	ffer Solu	itions						ASTN	1 (D 1293	B)		4	
Buffer A									I (D 5464		1000 · = 11 1191191		
comparisons. The up Standard Reference a normal distributio before first use and weights certified tra regularly with a the	incertainty e Material, on. Volume recalibrat aceable to ermometer	y is calcula l, and the netric glass ted regula the NIST r traceable	lated from uncertain sware com arly in acco national e to NIST	a the unce thy of the main of the main cordance with mass star ' standard	ogy (NIST) ertainty of measurem th Class A with ASTM ndard. The ls. All prod	1) Standard f the measurement proce a tolerance M E 542 ar aermomete	d Reference surement v ess. The un e requirem nd NIST P ers and ten prenared s	025 accred ce Materia variation f accrtainty ents of AS Procedure mperature	al as indic from samp / is multip STM E 28 NBSIR 74 e probes at	NAB Certific cated above vi ole to sample, olied by k=2, c 8 and NIST C 4-461. Balance re calibrated	cate L2387.02) and are certified ia an unbroken chain of the uncertainty in the NIST corresponding to 95% coverage in Circular 434; it is calibrated ces are calibrated regularly with before first use and recalibrated that assure manufacture for each lot manufactured.		

Shelf Life (Unopened Container)
24 months
24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

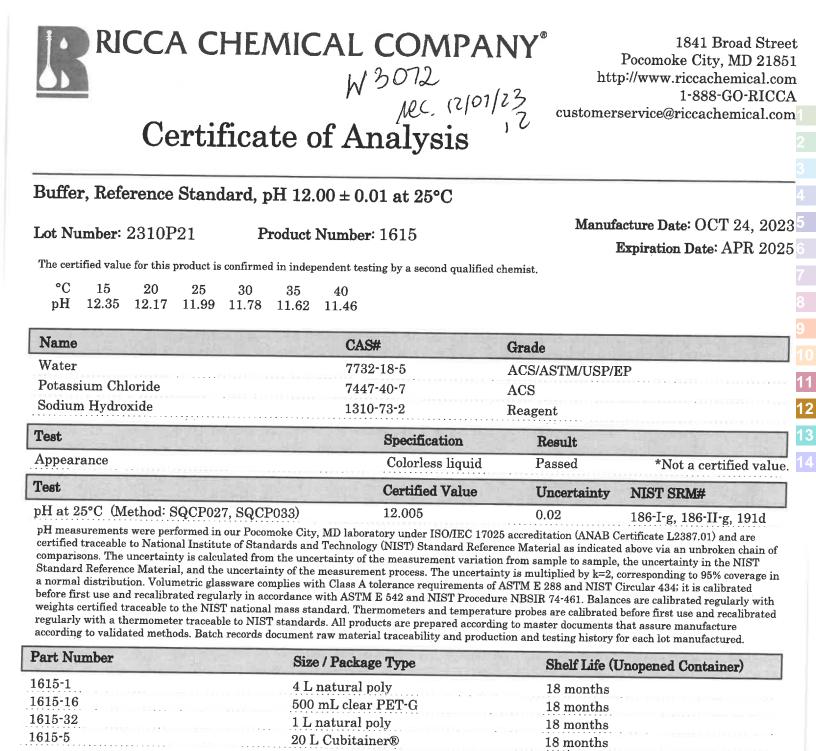
Faul Brandon

Paul Brandon (08/09/2023) Production Manager This document is designed to comply with ISO Guide 31 "Reference Materials --Contents of Certificates and Labels."

This product was tested in an ISO 17025 Accredited Laboratory

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.

Version: 1.3



Recommended Storage: 15°C - 30°C (59°F - 86°F)

Travers. nron

Sharon Travers (10/24/2023) Operations Manager This document is designed to comply with ISO Guide 31 "Reference Materials --Contents of Certificates and Labels."

This product was tested in an ISO 17025 Accredited Laboratory

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Version: 1.3

RICCA CHEMICAL COMPANY[®] 3^{003} 0^{001} Certificate of Analysis 0^{010}

1490 Lammers Pike Batesville, IN 47006 http://www.riccachemical.com 1-888-GO-RICCA customerservice@riccachemical.con

Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Yellow)

Lot Nu	mber:	4401H	799	P	roduct	Numbe	er: 155	1		Manufacture Date: JAN 08, 202 Expiration Date: DEC 202				
The certi The NIS	ified valu T traceat	e for this ble pH val	product is ue is certi	confirme fied to ±0.	d in inder 01 at 25 °	endent te C only. Al	sting by a ll other pl	i second q I values a	ualified c t their co	hemist. prrespondin		The stress are accurate to ± 0.05 .		
°C pH	0 7.12	5 7.09	10 7.06	15 7.04	20 7.02	25 7.00	30 6.99	35 6.98	40 6.98	45 6.97	50 6.97			
Name						CA	S#			Grade				
Water						77:	32-18-5			ACS/AS	TM/USP/	EP		
Sodium	n Phosp	hate Di	basic			75	58-79-4	-		ACS		11.11 C		
Potassi	um Dil	nydroge	n Phosp	hate		777	78-77-0			ACS				
Preserv	vative					\Pr	prietar	V						
Yellow	Yellow Dye						Proprietary							
Sodium	Hydro	xide				1310-73-2								
Test						11.17	Spec	ification	1	Rea	sult			
Appeara	ance						Yellow liquid			Pas	sed	*Not a certified value.		
Test	in the		2.0		515	1994	Cert	ified Va	lue	Un	certainty	NIST SRM#		
pH at 2	5°C (M	ethod: S	SQCP02	7, SQCF	033)		7.00	4		0.0	2	186-I-g, 186-II-g, 191d		
Specific	ation					34			Refe	rence	111215			
Commer	cial Bu	ffer Sol	utions						ASTN	A (D 1293	B)			
Buffer A						ASTM (D 5464)								
Buffer A										4 (D 5128	·			
compariso	ons. The	uncertain	ty is calcu	lated from	the unce	ogy (NIST rtainty of	7 Standar the meas	d Keferen	ce Mater.	ial as indic from comm	ated above v	cate L2387.02) and are certified ria an unbroken chain of , the uncertainty in the NIST corresponding to 95% coverage in		

a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated , corresponding to 95% coverage in before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
1551-1	4 L natural poly	24 months
1551-1CT	4 L Cubitainer®	24 months
1551-2.5	10 L Cubitainer®	24 months
1551-5	20 L Cubitainer®	24 months
Recommended Store ro: 15°C	2000 (500E - 000E)	V.W. II. Press of

commended Storage: 15°C - 30°C (59°F - 86°F)

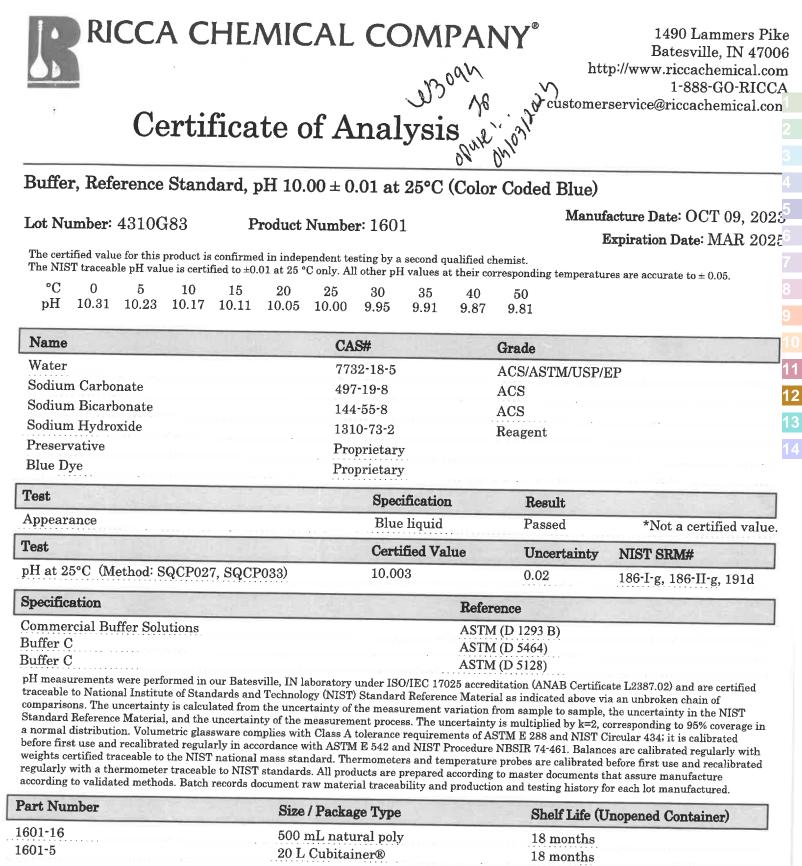
Youl Drandon

Paul Brandon (01/08/2024) Production Manager This document is designed to comply with ISO Guide 31 "Reference Materials --Contents of Certificates and Labels."

This product was tested in an ISO 17025 Accredited Laboratory

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.

Version: 1.3



Recommended Storage: 15°C - 30°C (59°F - 86°F)

Fand Brandon

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Paul Brandon (10/09/2023) Production Manager This document is designed to comply with ISO Guide 31 "Reference Materials --Contents of Certificates and Labels."

This product was tested in an ISO 17025 Accredited Laboratory

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Version: 1.3

RICCA CHEMICAL COMPANY" 1490 Lammers Pike Certificate of Analysis Batesville, IN 47006 http://www.riccachemical.com 1-888-GO-RICCA customerservice@riccachemical.com Buffer, Reference Standard, pH 4.00 ± 0.01 at 25°C (Color Coded Red) Manufacture Date: MAR 09, 2024 Lot Number: 4403F90 Product Number: 1501 Expiration Date: FEB 2026 The certified value for this product is confirmed in independent testing by a second qualified chemist. The NIST Traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05. °C 0 5 10 20 152530 35 **40** 45 50 pН 4.004.00 4.004.004.004.004.014.024.034.044.06Name CAS# Grade Water 7732-18-5 ACS/ASTM/USP/EP Potassium Acid Phthalate 877-24-7 Buffer Preservative Proprietary Commercial

Test Specification Result Appearance Passed **Red** liquid *Not a certified value. Test **Certified Value** Uncertainty NIST SRM# pH at 25°C (Method: SQCP027, SQCP033) 4.000 0.02 185i, 186-I-g, 186-II-g Specification Reference **Commercial Buffer Solutions** ASTM (D 1293 B)

Proprietary

Purified

Buffer B ASTM (D 5464) Buffer B ASTM (D 5128)

pH measurements were performed in our Batesville, IN laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.02) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)						
1501-2.5	10 L Cubitainer®	24 months						
1501-32	1 L natural poly	24 months						
1501-5	20 L Cubitainer®	24 months						

mmended Storage: 15°C - 30°C (59°F - 86°F)

Red Dye

Fand Brandon

Paul Brandon (03/09/2024) Production Manager This document is designed to comply with ISO Guide 31 "Reference Materials --Contents of Certificates and Labels."

This product was tested in an ISO 17025 Accredited Laboratory

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Version: 1.3

	RIC		C C	HEN	ЛIС	AL	CC	MI	PAN	VY ®		1841 Broad Stree Pocomoke City, MD 2185			
		W3161	Rec.	on 12/()9/24 k	oy IZ					nttp	//www.riccachemical.com//: 1-888-GO-RICCA			
											customers	ervice@riccachemical.com			
		Ce	ertif	ica	te c	of A	nal	ysia	5						
Buffer	, Refe	rence	Stand	lard, p	H 2.0	0 ± 0.0)1 at 2	25°C							
at NI-		0/11T	96	D	roduot	Numbo	m• 1/104	Q			Manufac	cture Date: NOV 11, 202			
Lot Number: 2411E26 Product Number: 1493										Ε	xpiration Date: OCT 202				
The NIS'	Γ traceab	le pH valu				oendent te °C only. Al					ing temperature	es are accurate to ± 0.05 .			
°C pH	$\begin{array}{c} 10 \\ 1.93 \end{array}$	$\begin{array}{c} 15\\ 1.98\end{array}$	$\begin{array}{c} 20 \\ 1.98 \end{array}$	$\begin{array}{c} 25\\ 2.00 \end{array}$	$\begin{array}{c} 30\\ 2.01 \end{array}$	$\begin{array}{c} 35\\ 2.03\end{array}$	$\begin{array}{c} 40 \\ 2.03 \end{array}$	$\begin{array}{c} 45 \\ 2.04 \end{array}$	$\begin{array}{c} 50 \\ 2.04 \end{array}$						
Name						CA	S#			Grade					
Water						77	32-18-5			ACS/A	ASTM/USP/F	2P			
Potassi	ium Ch	loride				74	47-40-7			ACS					
Hydroc	chloric A	Acid				76	47-01-0			ACS					
Test							Spe	cificatio	n	F	Result				
Appear	ance						Col	lorless li	quid	F	assed	*Not a certified valu			
Test							Cer	tified V	alue	τ	Jncertainty	NIST SRM#			
pH at 2	25°C (N	lethod:	SQCP02	27, SQC	P033)		1.99	94		C	0.02	185i, 186-I-g, 186-II-g			
certified	l traceabl	e to Natio	onal Instit	ute of Sta	ndards a	nd Techno	logy (NIS	T) Standa	rd Refere	ence Mate	erial as indicate	Certificate L2387.01) and are d above via an unbroken o sample, the uncertainty in			

the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
1493-1	4 L natural poly	24 months
1493-16	500 mL natural poly	24 months
1493-1CT	4 L Cubitainer®	24 months
1493-2.5	10 L Cubitainer®	24 months
1493-32	1 L natural poly	24 months
Recommended Storage: 15°C	- 30°C (59°F - 86°F)	

Recommended Storage: 15°C - 30°C (59°F - 86°F)

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Jose Pena (11/11/2024) Operations Manager

This product was tested in an ISO 17025 Accredited Laboratory

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PERCENT SOLID

Supervisor: Iwona Analyst: jignesh Date: 1/13/2025

OVENTEMP IN Celsius (°C): 107 Time IN: 16:30 In Date: 01/10/2025 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1

Dish

#

Client SampleID

QC:LB134230

Lab ID

Time OUT: 08:00 Out Date: 01/11/2025 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN Dish Sample Dish + Dish+Dry Comments 응 Wt(g) Wt(g) Sample Sample Solid (A) Wt(q)(B)Wt(q)(C)

OVENTEMP OUT Celsius(°C): 103

			(A)		WT (G) (B)	wt(g)(C)		
Q1060-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1060-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1060-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1060-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1060-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1060-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1060-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1060-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1060-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1060-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1064-01	LAW-25-0003	11	1.14	8.60	9.74	8.75	88.5	
Q1065-01	MOO-25-0002	12	1.00	1.00	2.00	2.00	100.0	debris
Q1067-01	PIPE-1	13	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1067-02	PIPE-2	14	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1067-03	PIPE-3	15	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1068-01	TR-06-1-10-2025	16	1.15	8.84	9.99	9.15	90.5	
Q1068-02	TR-06-1-10-2025	17	1.15	8.84	9.99	9.15	90.5	
Q1068-03	TR-06-1-10-2025	18	1.19	8.70	9.89	9.03	90.1	
Q1069-01	RW7B-CARBON-20250109	19	1.17	8.65	9.82	5.98	55.6	

	%1-011025 Customer Sample Customer Sample SVOC-GPC-BLANK SVOC-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK PCB-GPC-BLANK PCB-GPC-BLANK PCB-GPC-BLANK PCB-GPC-BLANK PCB-GPC2-BLANK PEST-GPC2-BLANK	WorkList ID						
Customer Sample Matrix Test Trait Customer Sample Constomer Sample Contretem Sample Constomer Sample C	Customer Sample SVOC-GPC-BLANK PEST-GPC-BLANK-SPIKE PEST-GPC-BLANK-SPIKE PCB-GPC-BLANK-SPIKE PCB-GPC-BLANK-SPIKE PCB-GPC-BLANK-SPIKE SVOC-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC3 PIPE-3			Department :	Wet-Chemistry	Da		25 08:31:51
SVOC-GPC-BLANK Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC-BLANK Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 VOC-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 VOC-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C<	SVOC-GPC-BLANK PEST-GPC-BLANK PEST-GPC-BLANK-SPIKE PEST-GPC-BLANK-SPIKE PCB-GPC-BLANK-SPIKE SVOC-GPC2-BLANK PCB-GPC2-BLANK PEST-GPC2-BLANK PEST-GPC2-BLANK PEST-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC3 PCB-GP		Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
PEST-GPC-BLANK Solid Percent Solids Cool 4 deg C CheMu2 M11 01/10/2025 PEST-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK-SPIKE Solid Percent Solids Co	PEST-GPC-BLANK PEST-GPC-BLANK-SPIKE PEST-GPC-BLANK PCB-GPC-BLANK PCB-GPC-BLANK PCB-GPC-BLANK-SPIKE SVOC-GPC2-BLANK PEST-GPC2-BLANK PEST-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PEST-GPC3 PIPE-1		Percent Solids	Cool 4 dea C				
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Tendent and Integration Cool 4 deg C CHEMO2 M11 01/10/2025 PCB-GPC-BLANK Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 PCB-GPC-BLANK Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 FCB-GPC-BLANK Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 PEST-GPC2-BLANK Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01	PCB-GPC-BLANK PCB-GPC-BLANK-SPIKE SVOC-GPC2-BLANK PEST-GPC2-BLANK PEST-GPC2-BLANK PEST-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC2-BLANK PCB-GPC3 PCB-GPC3 PCB-GPC3 PCB-GPC3 PCB-GPC3 PCB-GPC3 PCB-GPC3 PCB-GPC3 PCC-GPC3 PCB-GPC3 P		Percent Colido		CHEM02	M11	01/10/2025	Chemtech -SO
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SVOC-GPC2 BLANK Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PEST-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEM02 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 de	PEST-GPC2-BLANK PEST-GPC2-BLANK-SPIKE PEST-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE LAW-25-0003 MOO-25-0002 PIPE-1 PIPE-3		Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
PEST-GPC2-BLANK Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 PEST-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 PCB-GPC2-BLANK-SPIKE Solid Percent Solids Cool 4 deg C CHEMO2 M11 01/10/2025 LAW-25-0003 Solid Percent Solids Cool 4 deg C PEEG03 M11 01/10/2025 MOO-25-0002 Solid Percent Solids Cool 4 deg C PEEG03 M11 01/10/2025 PIPE-1 Solid Percent Solids Cool 4 deg C PEEG03 M11 01/10/2025 PIPE-2 Solid Percent Solids Cool 4 deg C PEEG03 M11 01/10/2025 PIPE-3 Solid Percent Solids Cool 4 deg C PEEG03 M11 </td <td>PEST-GPC2-BLANK PEST-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE LAW-25-0003 MOO-25-0002 PIPE-1 PIPE-3</td> <td></td> <td>Percent Solids</td> <td>Cool 4 deg C</td> <td>CHEM02</td> <td>M11</td> <td>01/10/2025</td> <td>Chamtach C</td>	PEST-GPC2-BLANK PEST-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE PCB-GPC2-BLANK-SPIKE LAW-25-0003 MOO-25-0002 PIPE-1 PIPE-3		Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chamtach C
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010100000	KW/B-CAKBON-20250109		Percent Solids	Cool 4 deg C	TETR06	M11	01/09/2025	Chemtech -SO

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Raw Sample Received by:

Raw Sample Relinquished by:

14,00

Date/Time 0) ·) 0 · 3Raw Sample Received by: Raw Sample Relinquished by:

Page 1 of 1

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<u>SHIPPING</u> DOCUMENTS

CHEIN CHAIN OF CUS	untainside, NJ 07092 x: (908) 78-8922 ech.net Chemtech Project Number: Q1069 COC Number:																	
	CLIENT INFORMATION	PROJECT	INFC	RMA	TION		BILLING INFORMATION											
COMPANY: Tetra T	rech	PROJECT NAME: NWIRP Bethpage)					BILL TO: SEE CONTRACT PO#										
ADDRESS: 4433 Co	orporation Ln, Suite 300	PROJECT #: 112G08005-WE13			LOCATIO	N: Carbon	IDW	ADDRESS:										
CITY: Virginia Beac		PROJECT MANAGER: Dave Brayad						CITY								STAT		
ATTENTION: Ernie	Wu	E-MAIL: david.brayack@tetratech.co	m					ATTENTION: PHONE: ANALYSIS										
PHONE: 757-466-49	01 FAX: 757-461-4148	PHONE: 757-466-4909			FAX: 757-	461-4148	_		_	_	A	ALY	SIS	,				
DATA	TURNAROUND INFORMATION	DATA DELIVER	ABLE	INF	ORMATI	ON												
HARD COPY: EDD	10DAYS* 10DAYS* 10DAYS* ED BY CHEMTECH	RESEULTS ONLY RESULTS + QC New Jersey REDUCED			ew York S	o tate ASP "I tate ASP "/	-	TCL SVOC (total)		TCLP VOC	TCLP Metals	<u> </u>	Hd					
	VAROUND TIME IS 10 BUSINESS DAYS	New Jersey CLP Other						1	2	3	4	5	6	7	8	9		
		EDD Format SAMPLE SAMPLE ø							PRESERVATIVES COMMENTS									
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX				TIME	# of Bottles	1	2	3	4	5	6	7	8	9	< Specify Preservatives A-HCI B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other	
1.	RW7B-Carbon-20250109	Granular Activated Carbon		X	1/9/25	14:00	6	1	1	1	1	1	1					
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.									_	_	-				_			
9.											-			-		_		
10.																		
RELINQUISHED BY	SAMPLER DATE/TIME RECEIVED BY	1-9-25	Conditions of bottles or coolers at receipt: Compliant Non Compliant Cooler Temp_ MeOH extraction requires an additional 4oz. Jar for percent solid Comments: 5 Day TAT - CTO-WE13 RW7B Carbon Sampling										ler Temp_2.5 ¢					
a AD	1-9-25 3.		Page_1_of_1 SHIPPED VIA: CLIENT: □ Hand Delivered □ Overnight Shipment Complete Page_1_of_1 CHEMTECH: □ Picked Up □ Overnight □ YES □ NO															
The	WHITE - CHEM	CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY																



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