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DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : FORMER SCHLUMBERGER SITE PRINCETON NJ 2025

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q2008

ATTENTION : Mary I. Murphy

Laboratory Certification ID # 20012

Table Of Contents for Q2008

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Cover Page

Order ID : Q2008

Project ID : Former Schlumberger Site Princeton NJ 2025

Client : JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q2008-01	IDW-AQ-DRUM-633-05092025
Q2008-03	IDW-AQ-DRUM-633-05092025

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 : _____

Date: 5/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger Site Princeton NJ 2025
Project # N/A
Order ID # Q2008
Test Name: Flash Point,pH

A. Number of Samples and Date of Receipt:
1 Water sample was received on 05/09/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Flash Point, Gasoline Range Organics, Mercury, Metals ICP-TAL, METALS-TAL, pH, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for Flash Point,pH.

C. Analytical Techniques:
The analysis of Flash Point was based on method 1010B and The analysis of pH was based on method 9040C.

D. QA/ QC Samples:
The Holding Times were met for all samples except for IDW-AQ-DRUM-633-05092025 of pH, for IDW-AQ-DRUM-633-05092025 of pH as samples were receive out of holding time.
The Blank Spike met requirements for all samples.
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:

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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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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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2008

	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:** 05/17/2025

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LAB CHRONICLE

OrderID:	Q2008	**OrderDate:**	5/9/2025 3:21:23 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ 2025
Contact:	Mary I. Murphy	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2008-01	**IDW-AQ-DRUM-633-05092025**	**Water**			**05/09/25 12:30**			**05/09/25**
			Flash Point	1010B			05/14/25 09:30	
			pH	9040C			05/12/25 15:30	
Q2008-03	**IDW-AQ-DRUM-633-05092025**	**WATER**			**05/09/25 12:30**			**05/09/25**
			pH	9040C			05/16/25 14:10	

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	05/09/25 12:30
Project:	Former Schlumberger Site Princeton NJ 2025	Date Received:	05/09/25
Client Sample ID:	IDW-AQ-DRUM-633-05092025	SDG No.:	Q2008
Lab Sample ID:	Q2008-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		05/14/25 09:30	1010B
pH	2.06	H	1	0	0	pH		05/12/25 15:30	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	05/09/25 12:30
Project:	Former Schlumberger Site Princeton NJ 2025	Date Received:	05/09/25
Client Sample ID:	IDW-AQ-DRUM-633-05092025	SDG No.:	Q2008
Lab Sample ID:	Q2008-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	2.03	H	1	0	0	pH		05/16/25 14:10	9040C

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

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client:	JACOBS Engineering Group, Inc.	**SDG No.:**	Q2008
Project:	Former Schlumberger Site Princeton NJ 2025	**RunNo.:**	LB135743

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
pH		pH	7.01	7	100	90-110	05/12/2025
Sample ID:	**CCV1**						
pH		pH	2.01	2.00	101	90-110	05/12/2025
Sample ID:	**CCV2**						
pH		pH	12.02	12.00	100	90-110	05/12/2025

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Initial and Continuing Calibration Verification

Client:	JACOBS Engineering Group, Inc.	**SDG No.:**	Q2008
Project:	Former Schlumberger Site Princeton NJ 2025	**RunNo.:**	LB135765

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Flash Point	o F	83.9	81	104	78-84	05/14/2025

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Initial and Continuing Calibration Verification

Client:	JACOBS Engineering Group, Inc.	**SDG No.:**	Q2008
Project:	Former Schlumberger Site Princeton NJ 2025	**RunNo.:**	LB135801

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.01	7	100	90-110	05/16/2025
Sample ID: **CCV1**						
pH	pH	2.01	2.00	101	90-110	05/16/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	05/16/2025

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Initial and Continuing Calibration Verification

Client:	JACOBS Engineering Group, Inc.	**SDG No.:**	Q2008
Project:	Former Schlumberger Site Princeton NJ 2025	**RunNo.:**	LB135801

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date

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Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q2008
Project: Former Schlumberger Site Princeton NJ 2025
Sample ID: Q2008-01
Client ID: IDW-AQ-DRUM-633-05092025DUP
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
pH	pH	+/-20	2.06		2.07		1	0.48		05/12/2025
Flash Point	o F	+/-2	>212.0		>212.0		1	0		05/14/2025

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Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q2008
Project: Former Schlumberger Site Princeton NJ 2025
Sample ID: Q2008-03
Client ID: IDW-AQ-DRUM-633-05092025 DUP
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
pH	pH	+/-20	2.03		2.04		1	0.49		05/16/2025

RAW DATA

Analytical Summary Report

Analysis Method: 9040C
Parameter: pH
Run Number: LB135743

Analyst By : jignesh
Supervisor Review By : Iwona
Slope : 99.2
pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W3178
BUFFER PH 7.00 GREEN 1PINT PK6	W3093
PH 10.01 BUFFER,COLOR CD 475ML	W3191
buffer solution pH 7 yellow	W3071
Buffer Solution, PH2 (500ml)	W3161
Buffer Solution, PH12 (500ml)	W3072

True Value of ICV = 7.00 Control Limits[+/- 0.05].

True Value of CCV1 = 2.00 Control Limits[+/- 0.05].

True Value of CCV2 = 12.00 Control Limits[+/- 0.05].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	20.3	4.01	05/12/2025	15:05
2	CAL2	1	Water	NA	NA	20.2	7.00	05/12/2025	15:06
3	CAL3	1	Water	NA	NA	20.2	10.02	05/12/2025	15:10
4	ICV	1	Water	NA	NA	20.2	7.01	05/12/2025	15:15
5	CCV1	1	Water	NA	NA	20.1	2.01	05/12/2025	15:16
6	Q2008-01	1	Water	NA	NA	20.7	2.06	05/12/2025	15:30
7	Q2008-01DUP	1	Water	NA	NA	20.8	2.07	05/12/2025	15:31
8	CCV2	1	Water	NA	NA	20.2	12.02	05/12/2025	15:33

VB 135743

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ph w q2008 **WorkList ID :** 189458 **Department :** Wet-Chemistry **Date :** 05-12-2025 12:57:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2008-01 E	IDW-AQ-DRUM-633-05092025	Water	pH	Cool 4 deg C	JACO05	L41	05/09/2025	9040C

Date/Time 05.12.25 13:10
Raw Sample Received by: JR WC
Raw Sample Relinquished by: ITCSM

Date/Time 05.12.25 16:30
Raw Sample Received by: ITCSM
Raw Sample Relinquished by: JR WC

Analytical Summary Report

Analysis Method: 1010B
Parameter: Flash Point
Run Number: LB135765
Thermometer ID: Flashpoint

Reviewed By: Iwona
Supervisor Review By: jignesh
Ambient Barometric Pressure(mmHg): 765.00
Barometric Scale ID: 0511064

Reagent/Standard	Lot/Log #
p-xylene (ICV)	W3193

Seq	LabID	True Value °F	DL	Initial Sample °C	Celsius °C	Result °F	Final Result °F	Anal Date	Anal Time
1	ICV	81	1	8	29.00	84.2	83.9	05/14/2025	09:00
2	Q2008-01		1	12	100.00	>212.0	>212.0	05/14/2025	09:30
3	Q2008-01DUP		1	13	100.00	>212.0	>212.0	05/14/2025	10:00

Result = (Celsius * 1.8) + 32

Final Result = Result + (760 - Ambient Barometric Pressure) * 0.06

WORKLIST(Hardcopy Internal Chain)

LB135765

WorkList Name : FP-5-14 **WorkList ID :** 189506 **Department :** Wet-Chemistry **Date :** 05-14-2025 08:13:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2008-01	IDW-AQ-DRUM-633-05092025	Water	Flash Point	Cool 4 deg C	JACO05	L41	05/09/2025	1010B

Date/Time 05/14/25 08:50
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Date/Time 05/14/25 10:45
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Analytical Summary Report

Analysis Method: 9040C
Parameter: pH
Run Number: LB135801

Analyst By : jignesh
Supervisor Review By : Iwona
Slope : 98.6
pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W3178
BUFFER PH 7.00 GREEN 1PINT PK6	W3093
PH 10.01 BUFFER,COLOR CD 475ML	W3191
buffer solution pH 7 yellow	W3071
Buffer Solution, PH2 (500ml)	W3161
Buffer Solution, PH12 (500ml)	W3072

True Value of ICV = 7.00 Control Limits[+/- 0.05].

True Value of CCV1 = 2.00 Control Limits[+/- 0.05].

True Value of CCV2 = 12.00 Control Limits[+/- 0.05].

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	05/16/2025	13:55
2	CAL2	1	Water	NA	NA	20.2	7.01	05/16/2025	13:56
3	CAL3	1	Water	NA	NA	20.3	10.02	05/16/2025	13:59
4	ICV	1	Water	NA	NA	20.3	7.01	05/16/2025	14:00
5	CCV1	1	Water	NA	NA	20.2	2.01	05/16/2025	14:02
6	Q2008-03	1	Water	NA	NA	20.7	2.03	05/16/2025	14:10
7	Q2008-03DUP	1	Water	NA	NA	21.8	2.04	05/16/2025	14:11
8	CCV2	1	Water	NA	NA	20.2	12.02	05/16/2025	14:15

WORKLIST(Hardcopy Internal Chain)

JB135801

WorkList Name : PH Q2008 **WorkList ID :** 189575 **Department :** Wet-Chemistry **Date :** 05-16-2025 13:29:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2008-03	IDW-AQ-DRUM-633-05092025	Water	pH	Cool 4 deg C	JACO05	L41	05/09/2025	9040C

Date/Time 05/16/25 13:40

Raw Sample Received by: JB WC1

Raw Sample Relinquished by: IT (SM)

Date/Time 05/16/25 16:10

Raw Sample Received by: IT (SM)

Raw Sample Relinquished by: JB WC1

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135743

Review By	jignesh	Review On	5/12/2025 2:51:03 PM
Supervise By	Iwona	Supervise On	5/12/2025 4:01:03 PM
SubDirectory	LB135743	Test	pH

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	W3178,W3093,W3191,W3071,W3161,W3072

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	05/12/25 15:05		jignesh	OK
2	CAL2	CAL2	CAL	05/12/25 15:06		jignesh	OK
3	CAL3	CAL3	CAL	05/12/25 15:10		jignesh	OK
4	ICV	ICV	ICV	05/12/25 15:15		jignesh	OK
5	CCV1	CCV1	CCV	05/12/25 15:16		jignesh	OK
6	Q2008-01	IDW-AQ-DRUM-633-0	SAM	05/12/25 15:30		jignesh	OK
7	Q2008-01DUP	IDW-AQ-DRUM-633-0	DUP	05/12/25 15:31		jignesh	OK
8	CCV2	CCV2	CCV	05/12/25 15:33		jignesh	OK

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Instrument ID: IGN-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135765

Review By	Iwona	Review On	5/14/2025 12:27:18 PM
Supervise By	jignesh	Supervise On	5/14/2025 12:27:51 PM
SubDirectory	LB135765	Test	Flash Point

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	W3193

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	ICV	ICV	ICV	05/14/25 09:00		Iwona	OK
2	Q2008-01	IDW-AQ-DRUM-633-0	SAM	05/14/25 09:30		Iwona	OK
3	Q2008-01DUP	IDW-AQ-DRUM-633-0	DUP	05/14/25 10:00		Iwona	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135801

Review By	jignesh	Review On	5/16/2025 2:38:23 PM
Supervise By	Iwona	Supervise On	5/16/2025 2:39:23 PM
SubDirectory	LB135801	Test	pH

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	W3178,W3093,W3191,W3071,W3161,W3072

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	05/16/25 13:55		jignesh	OK
2	CAL2	CAL2	CAL	05/16/25 13:56		jignesh	OK
3	CAL3	CAL3	CAL	05/16/25 13:59		jignesh	OK
4	ICV	ICV	ICV	05/16/25 14:00		jignesh	OK
5	CCV1	CCV1	CCV	05/16/25 14:02		jignesh	OK
6	Q2008-03	IDW-AQ-DRUM-633-0	SAM	05/16/25 14:10		jignesh	OK
7	Q2008-03DUP	IDW-AQ-DRUM-633-0	DUP	05/16/25 14:11		jignesh	OK
8	CCV2	CCV2	CCV	05/16/25 14:15		jignesh	OK

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Prep Standard - Chemical Standard Summary

Order ID : Q2008

Test : Flash Point,pH

Prepbatch ID :

Sequence ID/Qc Batch ID: LB135743,LB135765,LB135801,

Standard ID :

Chemical ID :
W3071,W3072,W3093,W3161,W3178,W3191,W3193,

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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	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.	AL13850-1 / Buffer Solution, PH2 (500ml)	2411E26	10/31/2026	12/09/2024 / Iwona	12/09/2024 / Iwona	W3161

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	2411A93	10/30/2026	04/01/2025 / JIGNESH	01/27/2025 / jignesh	W3178

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	2410F80	03/31/2026	04/01/2025 / JIGNESH	03/13/2025 / jignesh	W3191

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	TCX0014-500ML / p-xylene	C6PEN	03/19/2029	03/21/2025 / rubina	03/19/2025 / Iwona	W3193

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W3071
Rec 12/6/23

Certificate of Analysis

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

Lot Number: 4308H30 **Product Number:** 1551

Manufacture Date: AUG 09, 2023
Expiration Date: JUL 2025

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	15	20	25	30	35	40	45	50
pH	7.12	7.09	7.06	7.04	7.02	7.00	6.99	6.98	6.98	6.97	6.97

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Phosphate Dibasic	7558-79-4	ACS
Potassium Dihydrogen Phosphate	7778-77-0	ACS
Preservative	Proprietary	
Yellow Dye	Proprietary	
Sodium Hydroxide	1310-73-2	Reagent

Test	Specification	Result	
Appearance	Yellow liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	7.002	0.02	186-I-g, 186-II-g, 191d

Specification	Reference
Commercial Buffer Solutions	ASTM (D 1293 B)
Buffer A	ASTM (D 5464)
Buffer A	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)
1551-2.5	10 L Cubitainer®	24 months
1551-5	20 L Cubitainer®	24 months

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

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

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W3072
rec. 12/01/23
12

Certificate of Analysis

Buffer, Reference Standard, pH 12.00 ± 0.01 at 25°C

Lot Number: 2310P21 **Product Number:** 1615

Manufacture Date: OCT 24, 2023
Expiration Date: APR 2025

The certified value for this product is confirmed in independent testing by a second qualified chemist.

°C	15	20	25	30	35	40
pH	12.35	12.17	11.99	11.78	11.62	11.46

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Chloride	7447-40-7	ACS
Sodium Hydroxide	1310-73-2	Reagent

Test	Specification	Result	
Appearance	Colorless liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	12.005	0.02	186-I-g, 186-II-g, 191d

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) 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)
1615-1	4 L natural poly	18 months
1615-16	500 mL clear PET-G	18 months
1615-32	1 L natural poly	18 months
1615-5	20 L Cubitainer®	18 months

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

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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W3093
opened 04/03/2024
JB

Certificate of Analysis

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

Lot Number: 4401F99 **Product Number:** 1551 **Manufacture Date:** JAN 08, 2024
Expiration Date: DEC 2025

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	15	20	25	30	35	40	45	50
pH	7.12	7.09	7.06	7.04	7.02	7.00	6.99	6.98	6.98	6.97	6.97

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Phosphate Dibasic	7558-79-4	ACS
Potassium Dihydrogen Phosphate	7778-77-0	ACS
Preservative	Proprietary	
Yellow Dye	Proprietary	
Sodium Hydroxide	1310-73-2	

Test	Specification	Result	
Appearance	Yellow liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	7.004	0.02	186-I-g, 186-II-g, 191d

Specification	Reference
Commercial Buffer Solutions	ASTM (D 1293 B)
Buffer A	ASTM (D 5464)
Buffer A	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)
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 Storage: 15°C - 30°C (59°F - 86°F)

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

RICCA CHEMICAL COMPANY®

W3161 Rec. on 12/09/24 by IZ

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Certificate of Analysis

Buffer, Reference Standard, pH 2.00 ± 0.01 at 25°C

Lot Number: 2411E26 **Product Number:** 1493

Manufacture Date: NOV 11, 2024
Expiration Date: OCT 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	10	15	20	25	30	35	40	45	50
pH	1.93	1.98	1.98	2.00	2.01	2.03	2.03	2.04	2.04

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Chloride	7447-40-7	ACS
Hydrochloric Acid	7647-01-0	ACS

Test	Specification	Result	
Appearance	Colorless liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	1.994	0.02	185i, 186-I-g, 186-II-g

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) 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)
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)

Jose Pena (11/11/2024)
Operations Manager

This product was tested in an ISO 17025 Accredited Laboratory

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Certificate of Analysis

W3178 58

Buffer, Reference Standard, pH 4.00 ± 0.01 at 25°C (Color Coded Red)

Lot Number: 2411A93 **Product Number:** 1501 **Manufacture Date:** NOV 04, 2024
Expiration Date: OCT 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	15	20	25	30	35	40	45	50
pH	4.00	4.00	4.00	4.00	4.00	4.00	4.01	4.02	4.03	4.04	4.06

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Acid Phthalate	877-24-7	Buffer
Preservative	Proprietary	Commercial
Red Dye	Proprietary	Purified

Test	Specification	Result	
Appearance	Red liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	4.008	0.02	185i, 186-I-g, 186-II-g

Specification	Reference
Commercial Buffer Solutions	ASTM (D 1293 B)
Buffer B	ASTM (D 5464)
Buffer B	ASTM (D 5128)

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) 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)
1501-16	500 mL natural poly	24 months
1501-2.5	10 L Cubitainer®	24 months
1501-5	20 L Cubitainer®	24 months

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

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W3191 W3191 Receive Date: 03/18/25 JP

Certificate of Analysis

Buffer, Reference Standard, pH 10.00 ± 0.01 at 25°C (Color Coded Blue)

Lot Number: 2410F80 **Product Number:** 1601 **Manufacture Date:** OCT 09, 2024
Expiration Date: MAR 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	15	20	25	30	35	40	50
pH	10.31	10.23	10.17	10.11	10.05	10.00	9.95	9.91	9.87	9.81

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Carbonate	497-19-8	ACS
Sodium Bicarbonate	144-55-8	ACS
Sodium Hydroxide	1310-73-2	Reagent
Preservative	Proprietary	
Blue Dye	Proprietary	

Test	Specification	Result	
Appearance	Blue liquid	Passed	*Not a certified value.

Test	Certified Value	Uncertainty	NIST SRM#
pH at 25°C (Method: SQCP027, SQCP033)	10.009	0.02	186-I-g, 186-II-g, 191d

Specification	Reference
Commercial Buffer Solutions	
Buffer C	ASTM (D 1293 B)
Buffer C	ASTM (D 5464)
	ASTM (D 5128)

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) 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)
1601-1	4 L natural poly	18 months
1601-16	500 mL natural poly	18 months
1601-1CT	4 L Cubitainer®	18 months
1601-2.5	10 L Cubitainer®	18 months
1601-32	1 L natural poly	18 months
1601-5	20 L Cubitainer®	18 months

Certificate of Analysis

03/19/2025(JST)

TOKYO CHEMICAL INDUSTRY CO.,LTD.
T-PLUS Nihonbashi-Kodemmacho
16-12 Nihonbashi-kodemmacho, Chuo-ku, Tokyo 103-0001, Japan

Chemical Name: ***p*-Xylene**		
Product Number: X0014 CAS RN: 106-42-3	Lot: C6PEN	

Tests	Results	Specifications
Appearance	Colorless clear liquid	Colorless to Almost colorless clear liquid
Purity(GC)	99.7 %	min. 99.0 %

TCI Lot numbers are 4-5 characters in length. Characters listed after the first 4-5 characters are control numbers for internal purpose only.
The contents of the specifications are subject to change without advance notice. The specification values displayed here are the most up to date values. There may be cases where the product labels display a different specification, however, the product quality still meets the latest specification.

Customer Service:

TCI AMERICA
Tel: +1-800-423-8616 / +1-503-283-1681
Fax: +1-888-520-1075 / +1-503-283-1987
E-mail: Sales-US@TCIchemicals.com

Takuya Nishioka
Quality Assurance Department Manager

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. Q2008/09
QUOTE NO.
COC Number 2047098

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: JACOBS
ADDRESS: 412 MT KEMBLE AVE, SUITE 100
CITY MORRISTOWN STATE: NJ ZIP: 07960
ATTENTION: JOHN YNFANTE
PHONE: 281-414-1719 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PRINCETON
PROJECT NO. D3868221 LOCATION: PRINCETON JUNCTION NJ
PROJECT MANAGER: MARY MURPHY
e-mail: MARY.MURPHY@JACOBS.COM
PHONE: 201-936-0586 FAX: —

CLIENT BILLING INFORMATION

BILL TO: MARY.MURPHY@JACOBS.COM PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE) RUSH 2 DAYS*
EDD: ______ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☒ Level 2 (Results + QC)
- ~~Level 3 (Results + QC + Raw Data)~~
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1. SVOC TCL 8270 Low/SIM
2. DRO 8015M
3. PCBs 8082A
4. OXIDIZING LIQ. 1040
5. FLASH POINT 1010B
6. PH 9040C
7. VOC TCL 8260D
8. GRO 8015M
9. METALS 10 TAL 6010D/7470A

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	DATE	TIME	# OF BOTTLES	1 (E)	2 (E)	3 (E)	4 (E)	5 (E)	6 (A/E)	7 (A/E)	8 (B/E)	9	COMMENTS
1.	IDW-AQ-DRUM-633-05092025	AQ		X	5/9/25	1230	10	X	X	X	X	X	X	X	X		
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	5/9/25 1505	1. [signature] 5-9-25 1505
2.		2.
3. [signature]	5-9-25 1650	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.0 °C
Comments: LEVEL 2 EDD REQUESTED.
Temp 3.0°C (Adjustment factor + 0) IR Gun #1, PH 1.3 LOT# 80A0441

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Friday, May 16, 2025 2:27 AM
To: Yazmeen Gomez
Subject: RE: question for waste characterization samples

Yazmeen,

The waste person was asking me about the acetone (20,100 ug/L) and chloromethane (880 ug/L) detections in sample Q2008-01. I see they were reported from a 100x dilution - did you happen to run any other dilutions that weren't reported? Can you ask your analyst to take another look at the raw data to make sure those analytes were reported correctly? And do you have any VOA vials left to reanalyze to confirm if they decide to do that?

They were also surprised by the low pH value for Q2008-01. Do you have additional unpreserved sample left to reanalyze that pH value to confirm?

From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Thursday, May 15, 2025 12:04 PM
To: Ynfante, John <John.Ynfante@jacobs.com>
Subject: [EXTERNAL] RE: question for waste characterization samples

John,

Please see attached.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Thursday, May 15, 2025 12:55 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>

Subject: RE: question for waste characterization samples
Importance: High

Yazmeen,

Do you have a status report on that waste characterization job? I believe it was submitted late Friday and I think the sampler requested a 48-hour rush TAT on the chain which would have put it due yesterday, but I haven't even seen a sample receipt for it yet unless I missed it.

From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Monday, May 12, 2025 8:53 AM
To: Ynfante, John <John.Ynfante@jacobs.com>
Subject: [EXTERNAL] RE: question for waste characterization samples

John,

PCB was crossed off the COC I received.

I am still having issues finding a sub lab for this analysis.
ALS mentioned they used to analyze but do not any longer. Eurofins is having issues finding a lab in their network, so I fear it may be the same case for them.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Sunday, May 11, 2025 11:21 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: RE: question for waste characterization samples
Importance: High

Yazmeen,

I heard that this waste characterization sample was submitted late Friday. I saw that the sampler initially listed “PCBs” on the chain but that was not on the analytical list we were planning so I think that may have just been miscommunication possibly based on the bottle order listing PCBs for those extra volume bottles for the oxidizing liquid 1040 run if you can find a lab. I asked the sampler to change it to Oxidizing Liquids (1040) on the chain but not sure if he did so please just make sure Monday morning that those extra bottles aren’t being extracted for PCBs. Any word back from the search for a lab to run them?

From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Thursday, May 8, 2025 11:56 AM
To: Ynfante, John <John.Ynfante@jacobs.com>
Subject: [EXTERNAL] RE: question for waste characterization samples

I sent two ambers for oxidizing liquids as I am not sure on the volume requirements for that analysis.
The bottle order says PCB but that’s because we don’t have that analysis in our system.

My sister lab got back to me and mentioned they don’t analyze by that method.
Two sub labs are looking within their network of labs around the country- and will reach out to me sometime later today.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Thursday, May 8, 2025 12:51 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: Re: question for waste characterization samples

OK thanks. Maybe include a few extra bottles or something I guess in case we can collect for it even without hearing back by then.

Get Outlook for Android

From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Thursday, May 8, 2025 10:18:31 AM
To: Ynfante, John <John.Ynfante@jacobs.com>
Subject: [EXTERNAL] RE: question for waste characterization samples

John,

I am just going to schedule the delivery now, I am not sure how long it will take for the sub labs to get back to me and I don't want it to be too late.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Thursday, May 8, 2025 11:05 AM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: RE: question for waste characterization samples

OK thanks. If we did end up foregoing that method and using the usual methods for the other 2 parameters would you be able to drop off a sample kit to that address I gave at some point today so they could sample tomorrow morning?

From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Thursday, May 8, 2025 9:43 AM
To: Ynfante, John <John.Ynfante@jacobs.com>
Subject: [EXTERNAL] RE: question for waste characterization samples

I just reached out to a few sub lab – I will get back to you once I hear back!

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Thursday, May 8, 2025 10:39 AM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: Re: question for waste characterization samples

Any chance you know of a lab you could sub out the oxidizing liquids sample to if our waste person insists on it? I'll tell them about the Flashpoint and corrosivity methods

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From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Thursday, May 8, 2025 9:23:28 AM
To: Ynfante, John <John.Ynfante@jacobs.com>
Subject: [EXTERNAL] RE: question for waste characterization samples

Good morning John,

I had to confirm with QA/QC but we unfortunately do not analyze oxidizing liquids.
We also do analyze those methods – we only analyze pH/Corrosivity(9040C) and Flash Point (1010B)
(Ignitability would be for soil)

Best Regards,

Yazmeen Gomez
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An Alliance Technical Group Company
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Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Wednesday, May 7, 2025 4:24 PM

To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: Re: question for waste characterization samples

If you can run those methods can you have your courier drop off a kit for 1 liquid sample for all those analysis sometime tomorrow at the following address?

Keith Hollerbach
56 Myrtle Avenue
Madison, NJ 07940

And we would also need a courier pickup at the site Friday if that all works. Please let me know so I can communicate with the rest of the team.

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From: Ynfante, John
Sent: Wednesday, May 7, 2025 1:42:45 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: question for waste characterization samples

Yazmeen,

I hear we need to collect some liquid samples for waste characterization at Princeton this Friday so I will need some bottle kits. I don't know yet exactly how many samples we need to collect so I'm trying to get that information, but the waste person said he wants the analyses listed below. I know the first 4 are no problem for the lab, but can they run 1040 (note the comment from the waste person), 1110A and 1020C?

TCL VOCs (8260D)
TCL SVOCs (8270E)
TAL Metals (6020B/7470A)
TPH GRO and DRO (8015M)
Oxidizing Liquids (1040) ***See if the lab can extract the solids from the liquid phase and run on the solids. Technically EPA does not have a method for Oxidizing liquids.
pH/Corrosivity (1110A)
Ignitability (1020C)

John Ynfante
Jacobs
Chemist
281-414-1719 mobile
John.Ynfante@jacobs.com
www.jacobs.com

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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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2008 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : Mary I. Murphy
Invoice Name : JACOBS Engineering Grou
Invoice Contact : Mary I. Murphy

Order Date : 5/9/2025 3:21:23 PM
Project Name : Former Schlumberger Site I
Receive DateTime : 5/9/2025 ~~12:00:00~~ AM 16:50
Purchase Order :

Project Mgr :
Report Type : ~~Level 4~~ Level 2
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2008-01	IDW-AQ-DRUM-633-05092025	Water	05/09/2025	12:30					
					VOC-TCLVOA-10		8260D		2 Bus. Days

Relinguished By :
Date / Time : 5/12/25 1000

Received By :
Date / Time : 05/12/25 10:00

Rpt # 5

Storage Area : VOA Refridgerator Room