

January 1, 2022

Jericho Water District
PWS ID No. NY2902831
MCL Deferral for 1,4-Dioxane
Quarterly Report – Fourth Quarter 2021

Introduction

On behalf of the Jericho Water District (JWD or District), D&B Engineers and Architects (D&B) has prepared this document in accordance with the requirements of the New York State Department of Health (NYSDOH) for public water suppliers who have been granted deferrals from maximum contaminant level (MCL) violations for 1,4-dioxane. The District was granted an MCL deferral for 1,4-dioxane in 2020. JWD was granted a deferral because it has been proactive in its efforts to establish and implement an action plan for managing the above-referenced compounds.

The enclosed is a report describing JWD's progress towards maintaining the highest quality of water for our customers and meeting the deadlines set forth in the deferral approval. Updated schedules for each project are contained in **Attachment A**.

Corrective Action Plan Milestones

Wells 9 and 14

Detailed plans and specifications were submitted to the NYSDOH and Nassau County Department of Health (NCDH) during third quarter of 2021 and are under review. NYSDOH has endorsed the general scope outlined in the Basis of Design Report (BODR). NCDH has recommended their approval of the BODR to NYSDOH. Contracts for construction are expected to bid during the first quarter of 2022, with the new treatment facility to be in operation in early 2023.

Although it has been granted a deferral, JWD has been able to minimize the usage of these wells during the period of this report.

Wells 20 and 21

The District has completed the piloting for the Wells 20 and 21 project and submitted an Engineering Report November 11, 2021 in conjunction with a Piloting Report for the project improvements.

Although the pilot testing and BODR were delayed due to Well 20 being out of service for the installation of treatment equipment to remove simazine, the detailed design of the facility has commenced and the construction of the AOP facility is still expected to be completed by the end of 2023 in accordance with the deferral schedule.

Even though it has been granted a deferral, the JWD continues to monitor and minimize the usage of these wells to the greatest extent practicable while meeting system demands. JWD will continue

to monitor the 1,4-dioxane concentrations and work to minimize future run times of the wells where the concentration exceeds the MCL.

Well 22

Piloting of Well 22 was completed in the second quarter of 2021. The District has completed the piloting for the Well 22 project and submitted an Engineering Report November 11, 2021 in conjunction with a Piloting Report for the project improvements.

In addition, the detailed design of the facility has commenced. The construction of the AOP facility is still expected to start in the third quarter of 2022 and be completed by the end of 2023 in accordance with the deferral schedule.

Although it has been granted a deferral, JWD continues to monitor and minimize the usage of this well to the greatest extent practicable while meeting system demands. JWD will continue to monitor the 1,4-dioxane concentrations and work to minimize future run times of the wells where the concentration exceeds the MCL.

Wells 25 and 26 (Kirby Lane Facility)

This project is currently in the bidding and construction phase. The detailed design was completed, and documents were submitted to the NCDH and NYSDOH for regulatory review in the third quarter of 2021. While the documents are under review, the District initiated the public bidding process in the fourth quarter of 2021, where construction is anticipated to begin pending regulatory approval. The District is still expected to have the full treatment plant operational in the first quarter of 2023.

Although it has been granted a deferral, JWD continues to monitor and minimize the usage of these wells to the greatest extent practicable while meeting system demands. JWD will continue to monitor the 1,4-dioxane concentrations and work to minimize future run times of the wells where the concentration exceeds the MCL.

Public Notification

In accordance with the terms of the deferral, JWD has maintained an open line of communication with the public regarding its deferral. The deferral public notification documentation and the previous quarterly reports are still featured prominently on the District website.

Analytical Sampling

Sample results for the wells for which deferrals were granted (Wells 9, 14, 20, 21, 22, 25, and 26) taken during the fourth quarter of 2021 are contained in the below table. Full laboratory reports for each sample are contained in **Attachment B**.

1,4-Dioxane (parts per billion, ppb)

Well	Date		
	October 2021	November 2021	December 2021
Well 9 (N-4245)	1.7	1.4	NS
Well 14 (N-6651)	3.1	2.2	2.4
Well 20 (N-10149)	1.1	0.52	1.5
Well 21 (N-12795)	0.48	0.41	0.51
Well 22 (N-7781)	6.2	1.5	2.0
Well 25 (N-8355)	9.6	12.1	17.7
Well 26 (N-13119)	3.9	1.5	1.2

NS – not sampled

Conclusion

As demonstrated above, JWD is actively working to preserve the quality of water for its customers and comply with the requirements put forth by the NYSDOH. The District looks forward to continuing to work towards completion of its treatment facilities.

Should you have any questions, please contact the District at 516-921-8280 or visit the website, www.jerichowater.org.

Very truly yours,

Board of Commissioners
Jericho Water District

Enclosures

cc: K. Wheeler (NYSDOH)
B. Rogers (NYSDOH)
W. Provoncha (NCDH)
P. Young (NCDH)
R. Putnam (NCDH)
P. Logan (JWD)
B. Merklin (D&B)
L. Ortiz (D&B)
P. Connell (D&B)

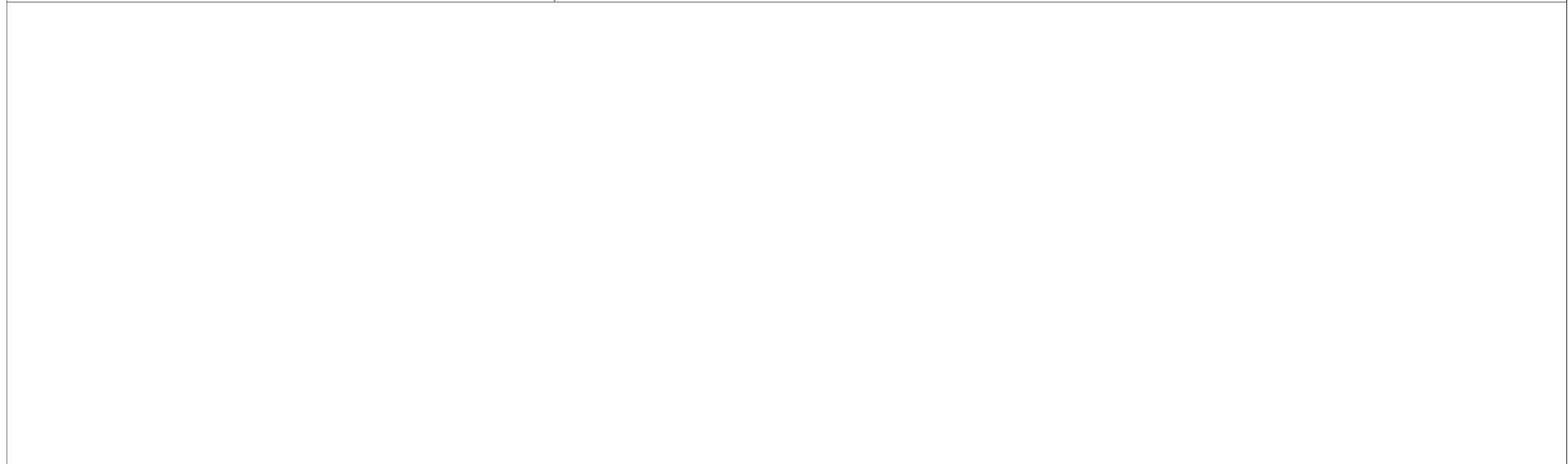
ATTACHMENT A

Project Schedules Associated with MCL Deferral

Jericho Water District
MCL Deferral Request
Quarterly Report

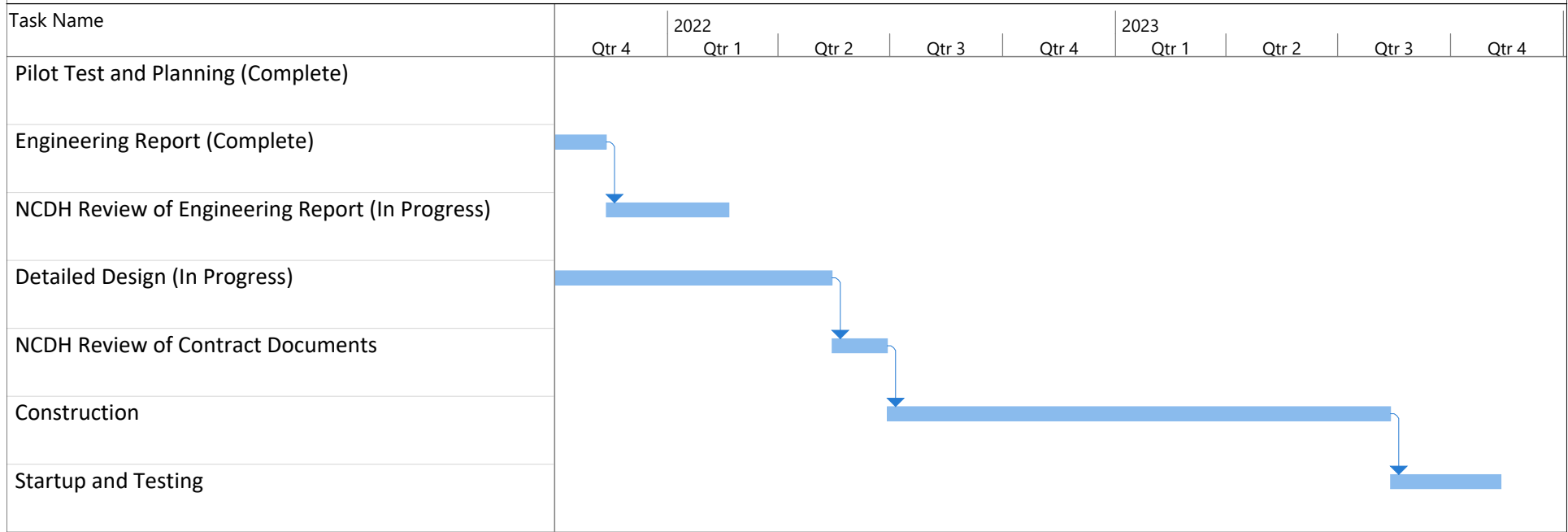
Wells 9 and 14
AOP Project Schedule

Task Name	2022				2023	
	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
Pilot Test and Planning (Complete)						
Engineering Report (Complete)						
NCDH Review of Engineering Report (In Progress)						
Detailed Design (Complete)						
NCDH Review of Contract Documents	█					
Construction			█			
Startup and Testing						█



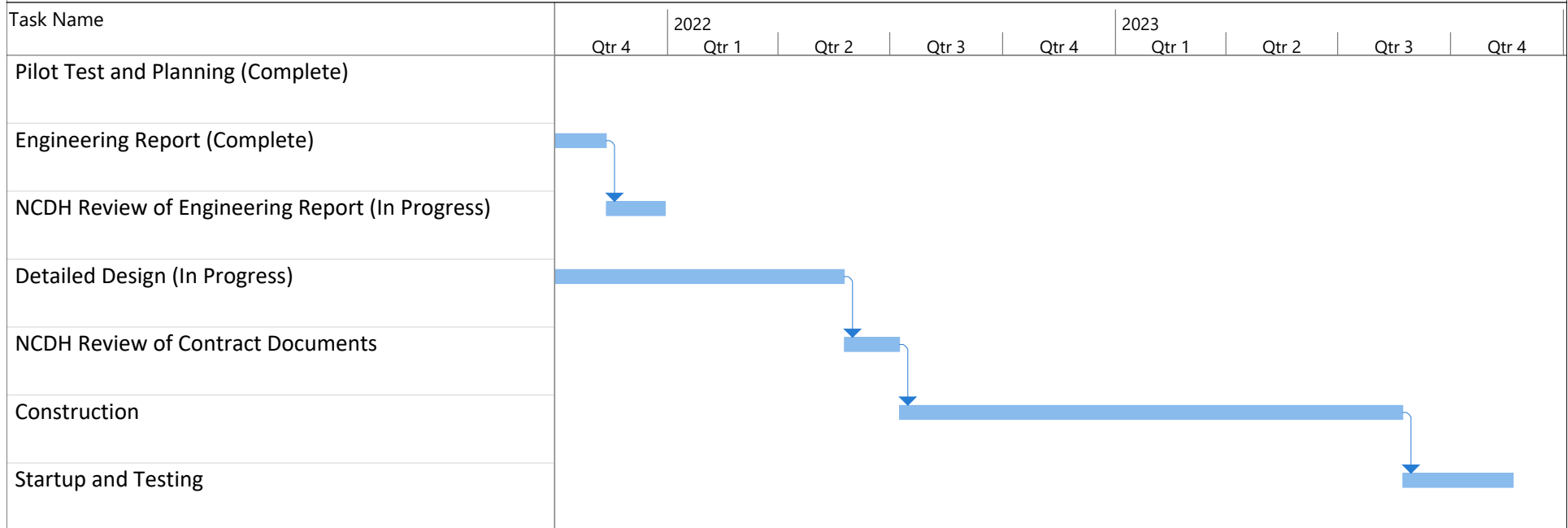
Jericho Water District
MCL Deferral Request
Quarterly Report

Wells 20 and 21
AOP Project Schedule



Jericho Water District
MCL Deferral Request
Quarterly Report

Well 22
AOP Project Schedule



Jericho Water District
MCL Deferral Request
Quarterly Report

Wells 25 and 26
AOP Project Schedule

Task Name	2022				2023	
	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
Pilot Test (Complete)						
Engineering Report (Complete)						
NCDH Review of Engineering Report (Complete)						
Detailed Design (Complete)						
NCDH Review of Contract Documents (In Progress)						
Bidding and Construction (In Progress)						
Startup and Testing						



ATTACHMENT B

Water Quality Data



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70189620001
Client Sample ID.: N-13119

Attn To : Peter Logan

Federal ID : 2902831

Collected : 10/01/2021 09:12 AM Point N-13119

Received : 10/01/2021 11:23 AM Location Well 26

Collected By CLIENT

Sample Comments:

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

Analytical Method:EPA 522		Prep Method: EPA 522			Prep Date: 10/07/2021 7:58 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	3.9*		1	ug/L	1	10/07/2021 5:28 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	110%		1	%REC		10/07/2021 5:28 PM	001 AG2R1/2

Analytical Method:EPA 537.1		Prep Method: EPA 537.1			Prep Date: 10/13/2021 11:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8		1	ng/L		10/15/2021 1:43 AM	001 BP3T1/2
Perfluoroheptanoic acid	<1.8		1	ng/L		10/15/2021 1:43 AM	001 BP3T1/2
Perfluorohexanesulfonic acid	<1.8		1	ng/L		10/15/2021 1:43 AM	001 BP3T1/2
Perfluorononanoic acid	<1.8		1	ng/L		10/15/2021 1:43 AM	001 BP3T1/2
Perfluorooctanesulfonic acid	<1.8		1	ng/L	10	10/15/2021 1:43 AM	001 BP3T1/2
Perfluorooctanoic acid	2.3		1	ng/L	10	10/15/2021 1:43 AM	001 BP3T1/2
Surr: 13C2-PFDA (S)	90%		1	%REC		10/15/2021 1:43 AM	001 BP3T1/2
Surr: 13C2-PFHxA (S)	80%		1	%REC		10/15/2021 1:43 AM	001 BP3T1/2
Surr: HFPO-DAS (S)	81%		1	%REC		10/15/2021 1:43 AM	001 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range

U - Indicates the compound was analyzed for, but not detected

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/18/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70189620002
Client Sample ID.: N-08355

Attn To : Peter Logan

Federal ID : 2902831

Collected : 10/01/2021 09:33 AM Point N-08355

Received : 10/01/2021 11:23 AM Location Well 25

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/07/2021 7:58 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	9.6*		5	ug/L	1	10/08/2021 2:34 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	111%		5	%REC		10/08/2021 2:34 PM	002 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 10/13/2021 11:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9		1	ng/L		10/15/2021 9:07 PM	002 BP3T1/2
Perfluoroheptanoic acid	5.1		1	ng/L		10/15/2021 9:07 PM	002 BP3T1/2
Perfluorohexanesulfonic acid	<1.9		1	ng/L		10/15/2021 9:07 PM	002 BP3T1/2
Perfluorononanoic acid	<1.9		1	ng/L		10/15/2021 9:07 PM	002 BP3T1/2
Perfluorooctanesulfonic acid	<1.9		1	ng/L	10	10/15/2021 9:07 PM	002 BP3T1/2
Perfluorooctanoic acid	3.5		1	ng/L	10	10/15/2021 9:07 PM	002 BP3T1/2
Surr: 13C2-PFDA (S)	82%		1	%REC		10/15/2021 9:07 PM	002 BP3T1/2
Surr: 13C2-PFHxA (S)	81%		1	%REC		10/15/2021 9:07 PM	002 BP3T1/2
Surr: HFPO-DAS (S)	77%		1	%REC		10/15/2021 9:07 PM	002 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/18/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70189620005
Client Sample ID.: N-07781

Attn To : Peter Logan

Federal ID : 2902831

Collected : 10/01/2021 10:28 AM Point N-07781

Received : 10/01/2021 11:23 AM Location Well 22

Collected By CLIENT

Sample Comments:

RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/07/2021 7:58 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	6.2*		5	ug/L	1	10/08/2021 2:50 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	111%		5	%REC		10/08/2021 2:50 PM	005 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 10/13/2021 11:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8		1	ng/L		10/14/2021 5:09 PM	005 BP3T1/2
Perfluoroheptanoic acid	4.5		1	ng/L		10/14/2021 5:09 PM	005 BP3T1/2
Perfluorohexanesulfonic acid	<1.8		1	ng/L		10/14/2021 5:09 PM	005 BP3T1/2
Perfluorononanoic acid	<1.8		1	ng/L		10/14/2021 5:09 PM	005 BP3T1/2
Perfluorooctanesulfonic acid	<1.8		1	ng/L	10	10/14/2021 5:09 PM	005 BP3T1/2
Perfluorooctanoic acid	3.2		1	ng/L	10	10/14/2021 5:09 PM	005 BP3T1/2
Surr: 13C2-PFDA (S)	104%		1	%REC		10/14/2021 5:09 PM	005 BP3T1/2
Surr: 13C2-PFHxA (S)	119%		1	%REC		10/14/2021 5:09 PM	005 BP3T1/2
Surr: HFPO-DAS (S)	98%		1	%REC		10/14/2021 5:09 PM	005 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range

U - Indicates the compound was analyzed for, but not detected

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/18/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70189620006
Client Sample ID.: N-04245

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 10/01/2021 10:48 AM Point N-04245
 Received : 10/01/2021 11:23 AM Location Well 9
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/07/2021 7:58 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.7*		1	ug/L	1	10/07/2021 6:48 PM	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	102%		1	%REC		10/07/2021 6:48 PM	006 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 10/13/2021 11:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9		1	ng/L		10/14/2021 5:24 PM	006 BP3T1/2
Perfluoroheptanoic acid	<1.9		1	ng/L		10/14/2021 5:24 PM	006 BP3T1/2
Perfluorohexanesulfonic acid	<1.9		1	ng/L		10/14/2021 5:24 PM	006 BP3T1/2
Perfluorononanoic acid	<1.9		1	ng/L		10/14/2021 5:24 PM	006 BP3T1/2
Perfluorooctanesulfonic acid	<1.9		1	ng/L	10	10/14/2021 5:24 PM	006 BP3T1/2
Perfluorooctanoic acid	2.0		1	ng/L	10	10/14/2021 5:24 PM	006 BP3T1/2
Surr: 13C2-PFDA (S)	100%		1	%REC		10/14/2021 5:24 PM	006 BP3T1/2
Surr: 13C2-PFHxA (S)	122%		1	%REC		10/14/2021 5:24 PM	006 BP3T1/2
Surr: HFPO-DAS (S)	102%		1	%REC		10/14/2021 5:24 PM	006 BP3T1/2

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/18/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70189620007
Client Sample ID.: N-06651

Attn To : Peter Logan

Federal ID : 2902831

Collected : 10/01/2021 10:55 AM Point N-06651

Received : 10/01/2021 11:23 AM Location Well 14

Collected By CLIENT

Sample Comments:

RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/07/2021 7:58 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	3.1*		1	ug/L	1	10/07/2021 7:04 PM	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	109%		1	%REC		10/07/2021 7:04 PM	007 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 10/13/2021 11:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9		1	ng/L		10/14/2021 5:40 PM	007 BP3T1/2
Perfluoroheptanoic acid	<1.9		1	ng/L		10/14/2021 5:40 PM	007 BP3T1/2
Perfluorohexanesulfonic acid	<1.9		1	ng/L		10/14/2021 5:40 PM	007 BP3T1/2
Perfluorononanoic acid	<1.9		1	ng/L		10/14/2021 5:40 PM	007 BP3T1/2
Perfluorooctanesulfonic acid	2.6		1	ng/L	10	10/14/2021 5:40 PM	007 BP3T1/2
Perfluorooctanoic acid	2.0		1	ng/L	10	10/14/2021 5:40 PM	007 BP3T1/2
Surr: 13C2-PFDA (S)	105%		1	%REC		10/14/2021 5:40 PM	007 BP3T1/2
Surr: 13C2-PFHxA (S)	113%		1	%REC		10/14/2021 5:40 PM	007 BP3T1/2
Surr: HFPO-DAS (S)	97%		1	%REC		10/14/2021 5:40 PM	007 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range

U - Indicates the compound was analyzed for, but not detected

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/18/2021

WorkOrder :

70189620

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
70189620

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302



Enviro Analytical®

WO#: 70189620



70189620

Sample Request Form PUBLIC WATER SUPPLIER

Date: 10-1-21

Collected By: TK

Accepted By: [Signature] 11:23

Cooler Temp: 10.8 °C (B)

WELL OFF LINE _____

Well # 22 & 14

WELL RUN TO SYSTEM _____

26, 25, 29, 30, 9

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jerrocho Water Dist.

Address: 125 Coover Rd

Syosset NY 11791

Phone #: (516) 921-8280

Attn: _____

Proj. # or (Name): _____

Bill To: _____

Copies To: _____

Sample Types

PW - Potable Water
GW - Groundwater
SW - Surface Water
WW - Waste Water
AQ - Aqueous
S - Soil

Purpose

RO - Routine
RE - Resample
S - Special

Origin

D - Distribution
RW - Raw Well
TW - Treated Well
T - Tank
MW - Monitoring Well
I - Influent
E - Effluent

Treatment Types

AST - Air Stripper
GAC - Granular Activated Charcoal
N - Nitrate Removal Plant
FE - Iron Removal Plant
O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings		Analysis	Lab No.
						Cl ₂	pH/Temp		
10-1-21 09:12	PW	well #26 N-13119	RW		RO	Ø		1,4-Dioxane, PFOS/PFOA	001
10-1-21 09:38	PW	well #25 N-08355	RW		RO	Ø		1,4-Dioxane, PFOS/PFOA	002
10-1-21 09:55	PW	well #29 N-11107	RW		RO	Ø		1,4-Dioxane, PFOS/PFOA	003
10-1-21 10:06	PW	well #30 N-11295	RW		RO	Ø		1,4-Dioxane, PFOS/PFOA	004
10-1-21 10:28	PW	well #22 N-07781	RW		RO	Ø		1,4-Dioxane, PFOS/PFOA	005
10-1-21 10:48	PW	well #9 N-04245	RW		RO	Ø		1,4-Dioxane, PFOS/PFOA	006
10-1-21 10:55	PW	well #14 N-06651	RW		RO	Ø		1,4-Dioxane, PFOS/PFOA	007

Remarks:



Sample Condition Upon Rec

WO#: 70189620

Client Name: JWD

Project

PM: JSA

Due Date: 10/13/21

CLIENT: JWD

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091 Correction Factor: + 0.0

Cooler Temperature(°C): 10.8 Cooler Temperature Corrected(°C): 10.8

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: KW 10/12/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SLWT OIL</u>		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide? Lead Acetate Strips Lot #	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present: Trip Blank Custody Seals Present Pace Trip Blank Lot # (if applicable):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70189723006
Client Sample ID.: N-10149

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 10/04/2021 10:08 AM Point N-10149
 Received : 10/04/2021 12:37 PM Location Well 20
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/11/2021 8:39 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.1*		1	ug/L	1	10/11/2021 11:29	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	110%		1	%REC		10/11/2021 11:29	006 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 10/14/2021 10:10		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8		1	ng/L		10/16/2021 2:50 AM	006 BP3T1/2
Perfluoroheptanoic acid	<1.8		1	ng/L		10/16/2021 2:50 AM	006 BP3T1/2
Perfluorohexanesulfonic acid	<1.8		1	ng/L		10/16/2021 2:50 AM	006 BP3T1/2
Perfluorononanoic acid	<1.8		1	ng/L		10/16/2021 2:50 AM	006 BP3T1/2
Perfluorooctanesulfonic acid	<1.8		1	ng/L	10	10/16/2021 2:50 AM	006 BP3T1/2
Perfluorooctanoic acid	<1.8		1	ng/L	10	10/16/2021 2:50 AM	006 BP3T1/2
Surr: 13C2-PFDA (S)	88%		1	%REC		10/16/2021 2:50 AM	006 BP3T1/2
Surr: 13C2-PFHxA (S)	89%		1	%REC		10/16/2021 2:50 AM	006 BP3T1/2
Surr: HFPO-DAS (S)	84%		1	%REC		10/16/2021 2:50 AM	006 BP3T1/2

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70189723007
Client Sample ID.: N-12795

Attn To : Peter Logan

Federal ID : 2902831

Collected : 10/04/2021 10:22 AM Point N-12795

Received : 10/04/2021 12:37 PM Location Well 21

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/11/2021 8:39 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.48		1	ug/L	1	10/12/2021 12:17	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	107%		1	%REC		10/12/2021 12:17	007 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 10/14/2021 10:10		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9		1	ng/L		10/16/2021 3:05 AM	007 BP3T1/2
Perfluoroheptanoic acid	<1.9		1	ng/L		10/16/2021 3:05 AM	007 BP3T1/2
Perfluorohexanesulfonic acid	<1.9		1	ng/L		10/16/2021 3:05 AM	007 BP3T1/2
Perfluorononanoic acid	<1.9		1	ng/L		10/16/2021 3:05 AM	007 BP3T1/2
Perfluorooctanesulfonic acid	<1.9		1	ng/L	10	10/16/2021 3:05 AM	007 BP3T1/2
Perfluorooctanoic acid	<1.9		1	ng/L	10	10/16/2021 3:05 AM	007 BP3T1/2
Surr: 13C2-PFDA (S)	80%		1	%REC		10/16/2021 3:05 AM	007 BP3T1/2
Surr: 13C2-PFHxA (S)	79%		1	%REC		10/16/2021 3:05 AM	007 BP3T1/2
Surr: HFPO-DAS (S)	78%		1	%REC		10/16/2021 3:05 AM	007 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/21/2021

WorkOrder :

70189723

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
70189723

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

WO#: 70189723

 70189723

**Sample Request Form
 PUBLIC WATER SUPPLIER**

10/4/21 WELL OFF LINE

Date: 10-4-21

12:37 WELL RUN TO SYSTEM

Collected By: JH

Accepted By: Cepul 

Cooler Temp: 10.3 °C

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jencks water

Address: 125 Covent Rd Sympet NY 11791

Phone #: _____

Attn: _____

Proj. # or (Name): _____

Bill To: _____

Copies To: _____

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
10-4-21 8:36	PW	W-00198 well 3	PCW		RO		PFOS / PFOA	
3:46		W-1273H well 4						
9:18		W-07772 well 18						
9:25		W-07773 well 19						
9:45		W-07593 well 17						
10:08		W-10149 well 20						
10:22		W-12795 well 21						
10:51		W-08043 well 23						
11:15		W-06093 well 11						
11:19		W-06092 well 12						

Remarks: _____



575 Broad Hollow Rd., Melville, NY 11747
 (631) 694-3040 Fax: (631) 420-8436

Sample Request Form PUBLIC WATER SUPPLIER

Date: 10-4-21

10/4/21 WELL OFF LINE

Collected By: J

12:37 WELL RUN TO SYSTEM

Accepted By: Cople

(B)

Cooler Temp: 10.3 °C

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jericho water

Address: 125 Convent Rd Syosset NY 11791

Phone #: _____

Attn: _____

Proj. # or (Name): _____

Bill To: _____

Copies To: _____

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings		Analysis	Lab No.
						Cl ₂	pH/Temp		
<u>10-4-21 8:36</u>	<u>PW</u>	<u>W-00198 well 3</u>	<u>RW</u>		<u>RO</u>			<u>1,4 Dioxane</u>	
<u>8:46</u>		<u>W-12734 well 4</u>							
<u>9:17</u>		<u>W-07772 well 10</u>							
<u>9:25</u>		<u>W-07773 well 19</u>							
<u>9:45</u>		<u>W-07593 well 17</u>							
<u>10:08</u>		<u>W-10149 well 20</u>							
<u>10:22</u>		<u>W-12795 well 21</u>							
<u>10:51</u>		<u>W-08043 well 21</u>							
<u>11:15</u>		<u>W-06093 well 13</u>							
<u>11:19</u>		<u>W-06092 well 12</u>							

Remarks: _____

Page 15 of 16



Sample Condition Upon Receipt

WO#: 70189723
PM: JSA Due Date: 10/18/21
CLIENT: JWD

Client Name: Teeth O Water Project

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____
 Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091 Correction Factor: 0.0

Cooler Temperature(°C): 10.3 Cooler Temperature Corrected(°C): 10.3

Temp should be above freezing to 6.0°C
 USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: CS 10/4/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for I)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		10.
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		12.
-Includes date/time/ID, Matrix: <u>SL(WT) OIL</u>				
All containers needing preservation have been checked?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DR0/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide? Lead Acetate Strips Lot #	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____				

Client Notification/ Resolution: _____ Field Data Required? Y / N
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70193021007
Client Sample ID.: N-07781

Attn To : Peter Logan

Federal ID : 2902831

Collected : 11/01/2021 10:42 AM Point N-07781

Received : 11/01/2021 01:01 PM Location Well 22

Collected By CLIENT

Sample Comments:

RUN TO WASTE

Analytical Method:EPA 522		Prep Method: EPA 522			Prep Date: 11/03/2021 11:26		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.5*		1	ug/L	1	11/04/2021 5:09 AM	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		11/04/2021 5:09 AM	007 AG2R1/2

Analytical Method:EPA 537.1		Prep Method: EPA 537.1			Prep Date: 11/09/2021 5:49 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9		1	ng/L		11/12/2021 1:39 AM	007 BP3T1/2
Perfluoroheptanoic acid	<1.9		1	ng/L		11/12/2021 1:39 AM	007 BP3T1/2
Perfluorohexanesulfonic acid	<1.9		1	ng/L		11/12/2021 1:39 AM	007 BP3T1/2
Perfluorononanoic acid	<1.9		1	ng/L		11/12/2021 1:39 AM	007 BP3T1/2
Perfluorooctanesulfonic acid	<1.9		1	ng/L	10	11/12/2021 1:39 AM	007 BP3T1/2
Perfluorooctanoic acid	<1.9		1	ng/L	10	11/12/2021 1:39 AM	007 BP3T1/2
Surr: 13C2-PFDA (S)	93%		1	%REC		11/12/2021 1:39 AM	007 BP3T1/2
Surr: 13C2-PFHxA (S)	93%		1	%REC		11/12/2021 1:39 AM	007 BP3T1/2
Surr: HFPO-DAS (S)	91%		1	%REC		11/12/2021 1:39 AM	007 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range

U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 11/12/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70193021008
Client Sample ID.: N-04245

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 11/01/2021 11:11 AM Point N-04245
 Received : 11/01/2021 01:01 PM Location Well 9
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/03/2021 11:26		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.4*		1	ug/L	1	11/04/2021 5:26 AM	008 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	90%		1	%REC		11/04/2021 5:26 AM	008 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 11/09/2021 5:49 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 1:54 AM	008 BP3T1/2
Perfluoroheptanoic acid	<1.8	P4,M1	1	ng/L		11/12/2021 1:54 AM	008 BP3T1/2
Perfluorohexanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 1:54 AM	008 BP3T1/2
Perfluorononanoic acid	<1.8	P4	1	ng/L		11/12/2021 1:54 AM	008 BP3T1/2
Perfluorooctanesulfonic acid	<1.8	P4	1	ng/L	10	11/12/2021 1:54 AM	008 BP3T1/2
Perfluorooctanoic acid	2.1	P4	1	ng/L	10	11/12/2021 1:54 AM	008 BP3T1/2
Surr: 13C2-PFDA (S)	84%		1	%REC		11/12/2021 1:54 AM	008 BP3T1/2
Surr: 13C2-PFHxA (S)	86%		1	%REC		11/12/2021 1:54 AM	008 BP3T1/2
Surr: HFPO-DAS (S)	84%		1	%REC		11/12/2021 1:54 AM	008 BP3T1/2
Surr: NEtFOSAA-d5 (S)	83%		1	%REC		11/12/2021 1:54 AM	008 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 11/12/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70193021009
Client Sample ID.: N-06651

Attn To : Peter Logan

Federal ID : 2902831

Collected : 11/01/2021 11:33 AM Point N-06651

Received : 11/01/2021 01:01 PM Location Well 14

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/03/2021 11:26		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	2.2*		1	ug/L	1	11/04/2021 5:43 AM	009 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		11/04/2021 5:43 AM	009 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 11/09/2021 5:49 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 2:25 AM	009 BP3T1/2
Perfluoroheptanoic acid	<1.8	P4	1	ng/L		11/12/2021 2:25 AM	009 BP3T1/2
Perfluorohexanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 2:25 AM	009 BP3T1/2
Perfluorononanoic acid	<1.8	P4	1	ng/L		11/12/2021 2:25 AM	009 BP3T1/2
Perfluorooctanesulfonic acid	<1.8	P4	1	ng/L	10	11/12/2021 2:25 AM	009 BP3T1/2
Perfluorooctanoic acid	<1.8	P4	1	ng/L	10	11/12/2021 2:25 AM	009 BP3T1/2
Surr: 13C2-PFDA (S)	82%		1	%REC		11/12/2021 2:25 AM	009 BP3T1/2
Surr: 13C2-PFHxA (S)	84%		1	%REC		11/12/2021 2:25 AM	009 BP3T1/2
Surr: HFPO-DAS (S)	84%		1	%REC		11/12/2021 2:25 AM	009 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 11/12/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70193021010
Client Sample ID.: N-08355

Attn To : Peter Logan

Federal ID : 2902831

Collected : 11/01/2021 11:55 AM Point N-08355

Received : 11/01/2021 01:01 PM Location Well 25

Collected By CLIENT

Sample Comments:

RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/03/2021 11:26		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	12.1*		5	ug/L	1	11/04/2021 12:45	010 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		5	%REC		11/04/2021 12:45	010 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 11/09/2021 5:49 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 2:41 AM	010 BP3T1/2
Perfluoroheptanoic acid	6.1	P4	1	ng/L		11/12/2021 2:41 AM	010 BP3T1/2
Perfluorohexanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 2:41 AM	010 BP3T1/2
Perfluorononanoic acid	<1.8	P4	1	ng/L		11/12/2021 2:41 AM	010 BP3T1/2
Perfluorooctanesulfonic acid	<1.8	P4	1	ng/L	10	11/12/2021 2:41 AM	010 BP3T1/2
Perfluorooctanoic acid	4.4	P4	1	ng/L	10	11/12/2021 2:41 AM	010 BP3T1/2
Surr: 13C2-PFDA (S)	94%		1	%REC		11/12/2021 2:41 AM	010 BP3T1/2
Surr: 13C2-PFHxA (S)	95%		1	%REC		11/12/2021 2:41 AM	010 BP3T1/2
Surr: HFPO-DAS (S)	92%		1	%REC		11/12/2021 2:41 AM	010 BP3T1/2

Qualifiers:

- DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
- ND - Not Detected at or above adjusted reporting limit.
- J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
- U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 11/12/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70193021011
Client Sample ID.: N-13119

Attn To : Peter Logan

Federal ID : 2902831

Collected : 11/01/2021 12:04 PM Point N-13119

Received : 11/01/2021 01:01 PM Location Well 26

Collected By CLIENT

Sample Comments:

RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/03/2021 11:26		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.5*		1	ug/L	1	11/04/2021 6:34 AM	011 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	93%		1	%REC		11/04/2021 6:34 AM	011 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 11/09/2021 5:49 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 2:56 AM	011 BP3T1/2
Perfluoroheptanoic acid	<1.8	P4	1	ng/L		11/12/2021 2:56 AM	011 BP3T1/2
Perfluorohexanesulfonic acid	<1.8	P4	1	ng/L		11/12/2021 2:56 AM	011 BP3T1/2
Perfluorononanoic acid	<1.8	P4	1	ng/L		11/12/2021 2:56 AM	011 BP3T1/2
Perfluorooctanesulfonic acid	<1.8	P4	1	ng/L	10	11/12/2021 2:56 AM	011 BP3T1/2
Perfluorooctanoic acid	<1.8	P4	1	ng/L	10	11/12/2021 2:56 AM	011 BP3T1/2
Surr: 13C2-PFDA (S)	96%		1	%REC		11/12/2021 2:56 AM	011 BP3T1/2
Surr: 13C2-PFHxA (S)	94%		1	%REC		11/12/2021 2:56 AM	011 BP3T1/2
Surr: HFPO-DAS (S)	94%		1	%REC		11/12/2021 2:56 AM	011 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 11/12/2021

WorkOrder :

70193021

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
70193021

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

WO#: 70193021



70193021

Sample Request Form PUBLIC WATER SUPPLIER

Date: 11-1-21

Collected By: TK

Accepted By: Noiranne Saager 11/1/21

Cooler Temp: 11.2 °C 13.01

WELL OFF LINE 28, 7, 29, 30, 22, 25, 26

WELL RUN TO SYSTEM 27, 11, 9, 14

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jericho Water Dist

Address: 125 Convent Rd

Syosset N.Y 11791

Phone #: (516) 921-8280

Attn: _____

Proj. # or (Name): _____

Bill To: _____

Copies To: _____

Sample Types

- PW - Potable Water
- GW - Groundwater
- SW - Surface Water
- WW - Waste Water
- AQ - Aqueous
- S - Soil

Purpose

- RO - Routine
- RE - Resample
- S - Special

Origin

- D - Distribution
- RW - Raw Well
- TW - Treated Well
- T - Tank
- MW - Monitoring Well
- I - Influent
- E - Effluent

Treatment Types

- AST - Air Stripper
- GAC - Granular Activated Charcoal
- N - Nitrate Removal Plant
- FE - Iron Removal Plant
- O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
11-1-21 08:44	PW	well # 27 N-08713	RW		RO	Ø	1,4-Dioxane / PFOS, PFOA	
11-1-21 09:09	PW	well # 28 N-14003	RW		RO	Ø	" "	
11-1-21 09:25	PW	well # 11 N-05201	RW		RO	Ø	" "	
11-1-21 09:53	PW	well # 7 N-03475	RW		RO	Ø	" "	
11-1-21 10:18	PW	well # 29 N-11107	RW		RO	Ø	" "	
11-1-21 10:28	PW	well # 30 N-11295	RW		RO	Ø	" "	
11-1-21 10:42	PW	well # 22 N-07781	RW		RO	Ø	" "	
11-1-21 11:11	PW	well # 9 N-04245	RW		RO	Ø	" "	
11-1-21 11:33	PW	well # 14 N-06651	RW		RO	Ø	" "	
11-1-21 11:55	PW	well # 25 N-08355	RW		RO	Ø	" "	
11-1-21 12:04	PW	well # 26 N-13119	RW		RO	Ø	1,4-Dioxane, PFOS/PFOA	

Remarks:



Sample Condition Upon Receipt

WO#: 70193021

Client Name: JWD

Project: **PM: JSA** **Due Date: 11/11/21**
CLIENT: JWD

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____
 Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH170 Correction Factor: +0.1

Cooler Temperature(°C): 11.2 Cooler Temperature Corrected(°C): 11.3

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: KW 11/1/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for I)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SL</u> <u>WT</u> <u>OIL</u>		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #		
Residual chlorine strips Lot #		
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____		

Client Notification/ Resolution: _____

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.



575 Broad Hollow Road, Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70193018003
Client Sample ID.: N-10149

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 11/01/2021 10:45 AM Point N-10149
 Received : 11/01/2021 01:01 PM Location Well 20
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/03/2021 8:21 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.52		1	ug/L	1	11/03/2021 8:35 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		11/03/2021 8:35 PM	003 AG2R1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 11/04/2021



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
70193018

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

WO#: 70193018



70193018

Sample Request Form PUBLIC WATER SUPPLIER

Date: 11/1/21

Collected By: CS

Accepted By: Woranne Saager

Cooler Temp: 11.2 °C 13.01 11/1/21

WELL OFF LINE Run to waste

WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jericho Water

Address: 125 Convent Rd.

Syosset, NY 11791

Phone #: (516) 921-8250

Attn: _____

Proj. # or (Name): _____

Bill To: _____

Copies To: _____

Sample Types

PW - Potable Water
GW - Groundwater
SW - Surface Water
WW - Waste Water
AQ - Aqueous
S - Soil

Purpose

RO - Routine
RE - Resample
S - Special

Origin

D - Distribution
RW - Raw Well
TW - Treated Well
T - Tank
MW - Monitoring Well
I - Influent
E - Effluent

Treatment Types

AST - Air Stripper
GAC - Granular Activated Charcoal
N - Nitrate Removal Plant
FE - Iron Removal Plant
O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings		Analysis	Lab No.
						Cl ₂	pH/Temp		
11/1/21 9:30am	PW	Well 4 M-12734	RW		RO			1.4 Pioxane	
11/1/21 10:25am	PW	Well 17 H-07593	RW		RO			↓	
11/1/21 10:45am	PW	Well 20 H-10149	RW		RO				
11/1/21 11:45am	PW	Well 13 H-06093	RW		RO				

Remarks: _____



Sample Condition Upon Receipt

WO#: 70193018

Client Name: JWD

Project

PM: JSA

Due Date: 11/11/21

CLIENT: JND

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH001 TH176 Correction Factor: +0.1

Cooler Temperature: 11.2 Cooler Temperature Corrected: 11.3

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: KJW 11/11/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

Table with 17 rows and 3 columns. Columns: Question, Yes/No/N/A, and Comments. Includes sections for Chain of Custody, Containers, and Preservation.

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70193020002
Client Sample ID.: N-12795

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 11/01/2021 08:54 AM Point N-12795
 Received : 11/01/2021 01:01 PM Location Well 21
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/03/2021 11:26		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.41		1	ug/L	1	11/04/2021 2:17 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	94%		1	%REC		11/04/2021 2:17 AM	002 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 11/10/2021 4:23 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9	P4	1	ng/L		11/12/2021 9:10 AM	002 BP3T1/2
Perfluoroheptanoic acid	<1.9	P4	1	ng/L		11/12/2021 9:10 AM	002 BP3T1/2
Perfluorohexanesulfonic acid	<1.9	P4	1	ng/L		11/12/2021 9:10 AM	002 BP3T1/2
Perfluorononanoic acid	<1.9	P4	1	ng/L		11/12/2021 9:10 AM	002 BP3T1/2
Perfluorooctanesulfonic acid	<1.9	P4	1	ng/L	10	11/12/2021 9:10 AM	002 BP3T1/2
Perfluorooctanoic acid	<1.9	P4	1	ng/L	10	11/12/2021 9:10 AM	002 BP3T1/2
Surr: 13C2-PFDA (S)	103%		1	%REC		11/12/2021 9:10 AM	002 BP3T1/2
Surr: 13C2-PFHxA (S)	101%		1	%REC		11/12/2021 9:10 AM	002 BP3T1/2
Surr: HFPO-DAS (S)	98%		1	%REC		11/12/2021 9:10 AM	002 BP3T1/2
Surr: NEtFOSAA-d5 (S)	101%		1	%REC		11/12/2021 9:10 AM	002 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 11/29/2021

WorkOrder :

70193020

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
70193020

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

WO#: 70193020



70193020

Sample Request Form PUBLIC WATER SUPPLIER

Date: 11-1-21

Collected By: JN
Accepted By: Koranne Saager

Cooler Temp: 11.2 °C 13:00

WELL OFF LINE _____

WELL RUN TO SYSTEM _____

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jenids water
Address: 125 Garret Rd 54st
NJ 1171
Phone #: _____
Attn: _____
Proj. # or (Name): _____
Bill To: _____
Copies To: _____

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Sample Info:

Page 7 of 8

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
11-1-21 8:32	RW	N-00198 well 3	RW		RO		1.4 Diolam	
8:32		N-00198 well 3					PFOS / PFOA	
8:54		N-12795 well 21					1.4 Diolam	
8:54		N-12795 well 21					PFOS / PFOA	
9:10		N-06092 well 12					1.4 Diolam	
9:10		N-06092 well 12					PFOS / PFOA	
9:39		N-08043 well 23					1.4 Diolam	
9:39		N-08043 well 23					PFOS / PFOA	

Remarks: _____



Sample Condition Upon Receipt

WO#: 70193020

Client Name: JWD

Project

PM: JSA
CLIENT: JWD

Due Date: 11/11/21

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH170 Correction Factor: +0.1

Cooler Temperature (°C): 11.2 Cooler Temperature Corrected (°C): 11.3

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: KW 11/11/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for I)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SL WY OIL</u>		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #		
Residual chlorine strips Lot #		
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____		

Client Notification/ Resolution: _____

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.



575 Broad Hollow Road, Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70196833001
Client Sample ID.: N-06651

Attn To : Peter Logan

Federal ID : 2902831

Collected : 12/06/2021 09:58 AM Point N-06651

Received : 12/06/2021 12:40 PM Location Well 14

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 12/10/2021 10:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	2.4*		1	ug/L	1	12/11/2021 12:04	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		12/11/2021 12:04	001 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 12/16/2021 4:20 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8		1	ng/L		12/19/2021 1:12 AM	001 BP3T1/2
Perfluoroheptanoic acid	<1.8		1	ng/L		12/19/2021 1:12 AM	001 BP3T1/2
Perfluorohexanesulfonic acid	<1.8		1	ng/L		12/19/2021 1:12 AM	001 BP3T1/2
Perfluorononanoic acid	<1.8		1	ng/L		12/19/2021 1:12 AM	001 BP3T1/2
Perfluorooctanesulfonic acid	<1.8		1	ng/L	10	12/19/2021 1:12 AM	001 BP3T1/2
Perfluorooctanoic acid	<1.8		1	ng/L	10	12/19/2021 1:12 AM	001 BP3T1/2
Surr: 13C2-PFDA (S)	90%		1	%REC		12/19/2021 1:12 AM	001 BP3T1/2
Surr: 13C2-PFHxA (S)	84%		1	%REC		12/19/2021 1:12 AM	001 BP3T1/2
Surr: HFPO-DAS (S)	83%		1	%REC		12/19/2021 1:12 AM	001 BP3T1/2
Surr: NEtFOSAA-d5 (S)	94%		1	%REC		12/19/2021 1:12 AM	001 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range

U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 01/03/2022



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :

70196833

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
70196833

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302



Sample Condition Upon Receipt

WO#: 70196833

Client Name: Jericho Water

Project

PM: JSA

Due Date: 12/14/21

CLIENT: JWD

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____
Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH176 Correction Factor: +0.1

Cooler Temperature(°C): 09 Cooler Temperature Corrected(°C): 10

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: 12.6.21 NTS

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Note if sediment is visible in the dissolved container.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
-Includes date/time/ID, Matrix: <u>SL (WT OIL)</u>	
All containers needing preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #	Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
NAOH>12 Cyanide)	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Per Method, VOA pH is checked after analysis	
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #	
Residual chlorine strips Lot #	
SM 4500 CN samples checked for sulfide? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #	
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70196834003
Client Sample ID.: N-10149

Attn To : Peter Logan

Federal ID : 2902831

Collected : 12/06/2021 09:08 AM Point N-10149

Received : 12/06/2021 12:40 PM Location Well 20

Collected By CLIENT

Sample Comments:

RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 12/10/2021 10:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.5*		1	ug/L	1	12/11/2021 1:14 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	99%		1	%REC		12/11/2021 1:14 AM	003 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 12/15/2021 4:38 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9		1	ng/L		12/18/2021 8:00 PM	003 BP3T1/2
Perfluoroheptanoic acid	3.3		1	ng/L		12/18/2021 8:00 PM	003 BP3T1/2
Perfluorohexanesulfonic acid	<1.9		1	ng/L		12/18/2021 8:00 PM	003 BP3T1/2
Perfluorononanoic acid	<1.9		1	ng/L		12/18/2021 8:00 PM	003 BP3T1/2
Perfluorooctanesulfonic acid	<1.9		1	ng/L	10	12/18/2021 8:00 PM	003 BP3T1/2
Perfluorooctanoic acid	4.2		1	ng/L	10	12/18/2021 8:00 PM	003 BP3T1/2
Surr: 13C2-PFDA (S)	91%		1	%REC		12/18/2021 8:00 PM	003 BP3T1/2
Surr: 13C2-PFHxA (S)	83%		1	%REC		12/18/2021 8:00 PM	003 BP3T1/2
Surr: HFPO-DAS (S)	84%		1	%REC		12/18/2021 8:00 PM	003 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 12/20/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70196834004
Client Sample ID.: N-12795

Attn To : Peter Logan

Federal ID : 2902831

Collected : 12/06/2021 09:20 AM Point N-12795

Received : 12/06/2021 12:40 PM Location Well 21

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 12/10/2021 10:15		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.51		1	ug/L	1	12/11/2021 1:31 AM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	98%		1	%REC		12/11/2021 1:31 AM	004 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 12/15/2021 4:38 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8		1	ng/L		12/18/2021 8:16 PM	004 BP3T1/2
Perfluoroheptanoic acid	<1.8		1	ng/L		12/18/2021 8:16 PM	004 BP3T1/2
Perfluorohexanesulfonic acid	<1.8		1	ng/L		12/18/2021 8:16 PM	004 BP3T1/2
Perfluorononanoic acid	<1.8		1	ng/L		12/18/2021 8:16 PM	004 BP3T1/2
Perfluorooctanesulfonic acid	<1.8		1	ng/L	10	12/18/2021 8:16 PM	004 BP3T1/2
Perfluorooctanoic acid	<1.8		1	ng/L	10	12/18/2021 8:16 PM	004 BP3T1/2
Surr: 13C2-PFDA (S)	85%		1	%REC		12/18/2021 8:16 PM	004 BP3T1/2
Surr: 13C2-PFHxA (S)	83%		1	%REC		12/18/2021 8:16 PM	004 BP3T1/2
Surr: HFPO-DAS (S)	85%		1	%REC		12/18/2021 8:16 PM	004 BP3T1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 12/20/2021

WorkOrder :

70196834

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island



575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
70196834

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

WO#: 70196834



70196834

Sample Request Form PUBLIC WATER SUPPLIER

Date: 12-6-21

Collected By: JJ

Accepted By: Noranne Saager

Cooler Temp: 0.9 °C (B) 12:40

WELL OFF LINE 17, 20, 23

WELL RUN TO SYSTEM 3, 12, 21

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jericho water

Address: 125 Concord Rd

Spartan NY 11791

Phone #: _____

Attn: _____

Proj. # or (Name): _____

Bill To: _____

Copies To: _____

Sample Types

- PW - Potable Water
- GW - Groundwater
- SW - Surface Water
- WW - Waste Water
- AQ - Aqueous
- S - Soil

Purpose

- RO - Routine
- RE - Resample
- S - Special

Origin

- D - Distribution
- RW - Raw Well
- TW - Treated Well
- T - Tank
- MW - Monitoring Well
- I - Influent
- E - Effluent

Treatment Types

- AST - Air Stripper
- GAC - Granular Activated Charcoal
- N - Nitrate Removal Plant
- FE - Iron Removal Plant
- O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
12-6-21 8:25	PW	W-00198 well 3	RW		RO		1,4 Dioxin	
8:25							PFOS / PFOA	
8:47		N-07593 well 17					1,4 Dioxin	
8:47							PFOS / PFOA	
9:08		N-10149 well 23					1,4 Dioxin	
9:08							PFOS / PFOA	
9:20		N-12795 well 21					1,4 Dioxin	
9:20							PFOS / PFOA	
9:40		N-08043 well 23					1,4 Dioxin	
9:40							PFOS / PFOA	
10:10		N-06092 well 12					1,4 Dioxin	
Remarks: 10:10							PFOS / PFOA	



Sample Condition Upon Receipt

WO# : 70196834

Client Name: Jericho Water

Proj

PM: JSA

Due Date: 12/14/21

CLIENT: JWD

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH001~~ TH176 Correction Factor: +0.1

Cooler Temperature(°C): 0.9 Cooler Temperature Corrected(°C): 1.0

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: 12.6.21 NTS

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SL / WT OIL</u>		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #		
Residual chlorine strips Lot #		
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____		

Client Notification/ Resolution: _____

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Other
 Special

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70196835006
Client Sample ID.: N-07781

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 12/06/2021 10:55 AM Point
 Received : 12/06/2021 12:40 PM Location
 Collected By D&B

Sample Comments:
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 12/10/2021 12:19		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	2.0*		1	ug/L	1	12/11/2021 5:17 AM	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	98%		1	%REC		12/11/2021 5:17 AM	006 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 12/16/2021 4:20 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.9		1	ng/L		12/19/2021 3:16 AM	006 BP3T1/2
Perfluoroheptanoic acid	<1.9		1	ng/L		12/19/2021 3:16 AM	006 BP3T1/2
Perfluorohexanesulfonic acid	<1.9		1	ng/L		12/19/2021 3:16 AM	006 BP3T1/2
Perfluorononanoic acid	<1.9		1	ng/L		12/19/2021 3:16 AM	006 BP3T1/2
Perfluorooctanesulfonic acid	<1.9		1	ng/L	10	12/19/2021 3:16 AM	006 BP3T1/2
Perfluorooctanoic acid	<1.9		1	ng/L	10	12/19/2021 3:16 AM	006 BP3T1/2
Surr: 13C2-PFDA (S)	93%		1	%REC		12/19/2021 3:16 AM	006 BP3T1/2
Surr: 13C2-PFHxA (S)	82%		1	%REC		12/19/2021 3:16 AM	006 BP3T1/2
Surr: HFPO-DAS (S)	79%		1	%REC		12/19/2021 3:16 AM	006 BP3T1/2

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 12/20/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Other
 Special

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70196835007
Client Sample ID.: N-08355

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 12/06/2021 11:21 AM Point
 Received : 12/06/2021 12:40 PM Location
 Collected By D&B

Sample Comments:
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 12/10/2021 12:19		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	17.7*		10	ug/L	1	12/11/2021 3:59 PM	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		10	%REC		12/11/2021 3:59 PM	007 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 12/16/2021 4:20 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8		1	ng/L		12/19/2021 3:32 AM	007 BP3T1/2
Perfluoroheptanoic acid	6.0		1	ng/L		12/19/2021 3:32 AM	007 BP3T1/2
Perfluorohexanesulfonic acid	<1.8		1	ng/L		12/19/2021 3:32 AM	007 BP3T1/2
Perfluorononanoic acid	<1.8		1	ng/L		12/19/2021 3:32 AM	007 BP3T1/2
Perfluorooctanesulfonic acid	<1.8		1	ng/L	10	12/19/2021 3:32 AM	007 BP3T1/2
Perfluorooctanoic acid	4.4		1	ng/L	10	12/19/2021 3:32 AM	007 BP3T1/2
Surr: 13C2-PFDA (S)	93%		1	%REC		12/19/2021 3:32 AM	007 BP3T1/2
Surr: 13C2-PFHxA (S)	78%		1	%REC		12/19/2021 3:32 AM	007 BP3T1/2
Surr: HFPO-DAS (S)	77%		1	%REC		12/19/2021 3:32 AM	007 BP3T1/2

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 12/20/2021



Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Other
 Special

Jericho Water District
125 Convent Rd.
Syosset, NY 11791

Lab No. : 70196835008
Client Sample ID.: N-13119

Attn To : Peter Logan
 Federal ID : 2902831
 Collected : 12/06/2021 11:33 AM Point
 Received : 12/06/2021 12:40 PM Location
 Collected By D&B

Sample Comments:
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 12/10/2021 12:19		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.2*		1	ug/L	1	12/11/2021 5:52 AM	008 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		12/11/2021 5:52 AM	008 AG2R1/2

Analytical Method: EPA 537.1		Prep Method: EPA 537.1			Prep Date: 12/16/2021 4:20 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<1.8		1	ng/L		12/19/2021 3:47 AM	008 BP3T1/2
Perfluoroheptanoic acid	<1.8		1	ng/L		12/19/2021 3:47 AM	008 BP3T1/2
Perfluorohexanesulfonic acid	<1.8		1	ng/L		12/19/2021 3:47 AM	008 BP3T1/2
Perfluorononanoic acid	<1.8		1	ng/L		12/19/2021 3:47 AM	008 BP3T1/2
Perfluorooctanesulfonic acid	<1.8		1	ng/L	10	12/19/2021 3:47 AM	008 BP3T1/2
Perfluorooctanoic acid	<1.8		1	ng/L	10	12/19/2021 3:47 AM	008 BP3T1/2
Surr: 13C2-PFDA (S)	88%		1	%REC		12/19/2021 3:47 AM	008 BP3T1/2
Surr: 13C2-PFHxA (S)	79%		1	%REC		12/19/2021 3:47 AM	008 BP3T1/2
Surr: HFPO-DAS (S)	78%		1	%REC		12/19/2021 3:47 AM	008 BP3T1/2

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 12/20/2021

WorkOrder :

70196835

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

WorkOrder :
70196835

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

WO#: 70196835



70196835

Sample Request Form PUBLIC WATER SUPPLIER

Date: 12-6-21

Collected By: TK

Accepted By: Moranne Saager

Cooler Temp: 0.9 °C (B) 12.40

WELL OFF LINE 28, 11, 29, 22, 25, 26, 31

WELL RUN TO SYSTEM 27, 30

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Jericho Water Dist.

Address: 125 Convent Rd
Syosset N.Y. 11791

Phone #: (516) 921-8280

Attn: _____

Proj. # or (Name): _____

Bill To: _____

Copies To: _____

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
12-6-21 09:28	PW	well #28 N-14003	RW		RO	∅	1,4-Dioxane PFOs/PFOA	
12-6-21 09:40	PW	well #27 N-08713	RW		RO	∅	" "	
12-6-21 09:52	PW	well #11 N-05201	RW		RO	∅	" "	
12-6-21 10:23	PW	well #29 N-11107	RW		RO	∅	" "	
12-6-21 10:36	PW	well #30 N-11295	RW		RO	∅	" "	
12-6-21 10:55	PW	well #22 N-07781	RW		RO	∅	" "	
12-6-21 11:21	PW	well #25 N-08355	RW		RO	∅	" "	
12-6-21 11:33	PW	well #26 N-13119	RW		RO	∅	" "	
12-6-21 11:55	PW	well #31 N-13268	RW		RO	∅	1,4-Dioxane PFOs/PFOA	

Remarks:

Page 12 of 13



Sample Condition Upon Receipt

WO#: 70196835

Client Name: Jericho Water

Project: **PM: JSA** Due Date: **12/14/21**
CLIENT: JWD

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____
 Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH176 Correction Factor: +0.1

Cooler Temperature(°C): 0.9 Cooler Temperature Corrected(°C): 1.0

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: 12.6.21 NTB

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SL (WT) OIL</u>		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Samples checked for dechlorination: KI starch test strips Lot #	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #		
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____		

Client Notification/ Resolution: _____ Field Data Required? Y / N
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.