

October 9, 2023

Westbury Water District
PWS ID No. NY2902856
MCL Deferral for 1,4-Dioxane, PFOA, and PFOS
Quarterly Report – Third Quarter 2023

Introduction

On behalf of the Westbury Water District (WWD 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, Perfluorooctanoic Acid (PFOA), and/or Perfluorooctanesulfonic Acid (PFOS). The District was granted an MCL deferral for 1,4-Dioxane, PFOA, and PFOS in 2020. The WWD 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 last three years have been a time of unprecedented disruption in the supply chain of chemical supplies, equipment, infrastructure components, pipe and materials (e.g., steel), and treatment systems. Contractors and water suppliers, locally and nationwide, have been impacted by these issues in completing both small- scale and large-scale projects. Shortages of necessary items have significantly impacted the District, primarily in terms of price increases, decreased availability, and longer lead times. In addition, due to the rapidly changing regulatory environment through an expanded list of contaminants with lower regulatory advisory levels or MCLs, local and state regulators are experiencing a large number of capital project submissions, in addition to their regular workload. This increased workload has led to longer regulatory review times of engineering reports, detailed design plans, and specifications. In many cases, these factors, which are out of the District's control, have caused delays in obtaining final regulatory approval, commencing construction, procuring equipment and necessary components, and conforming to proposed construction schedules.

The District has done everything within its power to adhere to the project schedules approved in the original deferral request, as described in the previous quarterly deferral reports. The full impact of supply chain issues and delays was not known at the time of the original compliance deferrals and, due to these regulatory changes, these delays were expected to become worse before improving because of increased national demand. Recognizing these exceptional circumstances, the District requested and received a 12-month deferral renewal with a MCL compliance deadline of August 25, 2023. This will be the last deferral report as the deferral has expired.

The District's goal, as always, is to provide an adequate supply of potable water to its consumers and it has done everything in its ability to move forward on the treatment projects to further that goal and meet consumer demands. These impacts of the last three years are expected to continue for the foreseeable future and will most likely affect the ability of the District to conform to the project schedules outlined in the original deferral request, even with the deferral renewal. Even

though the treatment projects may not be in place at the end of the deferral period, the District feels that existing capacity is sufficient to avoid the need of future deferral consideration.

The enclosed is a report describing the WWD's progress towards maintaining the highest quality of water for District 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

Drexel Avenue Station – Wells 6 and 7A

As indicated in the previous report, construction commenced in the fourth quarter of 2022 and it is anticipated that the advanced oxidation process (AOP) treatment system construction will be complete and placed into service in the second quarter of 2024. All existing building demolition has been completed and the new building foundation and walls are done. Major equipment, including AOP reactors, GAC vessels, and miscellaneous electrical equipment, has been delivered and is in the process of being installed while other miscellaneous construction is on-going.

During the duration of the deferral, the WWD was able to minimize the usage of these wells. It should be noted that only one of the two wells (Well 7A) has exceeded the MCL for 1,4-dioxane.

State Street Station - Well 12

The State Street (Well 12) PFOA and PFOS treatment project is currently under regulatory review. Regulatory review began with the submission of the engineering report to the NCDH and NYSDOH for review in the first quarter of 2021. Detailed design documents for the facility were submitted to the NCDH and NYSDOH for review in the third quarter of 2021. The engineering report and detailed design documents were approved by the NCDH and NYSDOH in the first quarter of 2023. The current project schedule originally forecasted the project completion to be in the early part of the fourth quarter of 2023. However, due to delays in the procurement of equipment due to supply chain issues, the project completion will likely be in the second quarter of 2024.

Although it has been granted a deferral, the District was able to avoid usage of this well.

Wells 10 and 14 Station

The development of a revised Basis of Design Report (BODR) and the detailed design documents is currently on-going and is anticipated to be submitted to NYSDOH and NCDH by the end of the fourth quarter of 2023. Recent elevated organic detections in the raw wells have required revisions to the project design documents. At this time, it is anticipated that this project will be bid at the end of 2023.

Although it has been granted a deferral, the WWD was able to minimize the usage of these wells. It should be noted that only one of the two wells (Well 14) has exceeded the MCL for 1,4-dioxane.

Public Notification

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

Analytical Sampling

Relevant sample results for the wells for which deferrals were granted (Wells 6, 7A, 10, and 14) taken during the third quarter of 2023 are contained in the below tables. Well 12 was not sampled for PFOA and PFOS during this quarter. Full laboratory reports for each sample are contained in **Attachment B**.

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

Well	Date		
	July 2023	August 2023	September 2023
Well 6 (N-00101)	0.79	0.76	0.74
Well 7A (N-07785)	0.98	1.3	0.75
Well 10 (N-05007)	0.74	0.76	0.65
Well 12 (N-5655)	NS	NS	NS
Well 14 (N-07353)	1.8	2.5	2.0

NS – Not Sampled

Conclusion

As demonstrated above, the Westbury Water District 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 516-333-0427 or visit the website, www.westburywaterdistrict.com.

Very truly yours,

Board of Commissioners
Westbury Water District

Enclosures

cc: K. Wheeler (NYSDOH)
B. Rogers (NYSDOH)
W. Provoncha (NCDH)

P. Young (NCDH)
R. Putnam (NCDH)
J. Ingram (WWD)
B. Merklin (D&B)
P. Sachs (D&B)
L. Ortiz (D&B)
P. Connell (D&B)

ATTACHMENT A

Project Schedules Associated with MCL Deferral

ATTACHMENT B

Water Quality Data



575 Broad Hollow Road, Melville, NY 11747
 TEL: (516) 370-6000 FAX: (516) 886-5526
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

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971001
Client Sample ID.: N-00101

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 07:05 AM Point N-00101
 Received : 07/05/2023 10:15 AM Location Well 6
 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: 07/10/2023 10:48		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.79	1		ug/L	1	07/10/2023 7:53 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	113%		1	%REC		07/10/2023 7:53 PM	001 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: 07/11/2023



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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971002
Client Sample ID.: N-07785

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 07:15 AM Point N-07785
 Received : 07/05/2023 10:15 AM Location Well 7A
 Collected By CLIENT

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.98		1	ug/L	1	07/10/2023 8:09 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	114%		1	%REC		07/10/2023 8:09 PM	002 AG2R1/2

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Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971003
Client Sample ID.: N-02602

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 08:10 AM Point N-02602
 Received : 07/05/2023 10:15 AM Location Well 9
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	07/10/2023 8:25 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	108%		1	%REC		07/10/2023 8:25 PM	003 AG2R1/2

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Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971004
Client Sample ID.: N-05007

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 08:25 AM Point N-05007
 Received : 07/05/2023 10:15 AM Location Well 10
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/10/2023 10:48		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.74	1		ug/L	1	07/10/2023 8:42 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	109%		1	%REC		07/10/2023 8:42 PM	004 AG2R1/2

Qualifiers:

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Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971005
Client Sample ID.: N-05654

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 09:05 AM Point N-05654
 Received : 07/05/2023 10:15 AM Location Well 11
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.59		1	ug/L	1	07/10/2023 8:58 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		07/10/2023 8:58 PM	005 AG2R1/2

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Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971006
Client Sample ID.: N-07353

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 08:35 AM Point N-07353
 Received : 07/05/2023 10:15 AM Location Well 14
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/10/2023 10:48		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.8*		1	ug/L	1	07/10/2023 9:14 PM	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	111%		1	%REC		07/10/2023 9:14 PM	006 AG2R1/2

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Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971007
Client Sample ID.: N-08007

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 09:20 AM Point N-08007
 Received : 07/05/2023 10:15 AM Location Well 15
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.043		1	ug/L	1	07/10/2023 9:30 PM	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	106%		1	%REC		07/10/2023 9:30 PM	007 AG2R1/2

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971008
Client Sample ID.: N-08497

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 07:50 AM Point N-08497
 Received : 07/05/2023 10:15 AM Location Well 16
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	1.1*		1	ug/L	1	07/10/2023 9:46 PM	008 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	115%		1	%REC		07/10/2023 9:46 PM	008 AG2R1/2

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971009
Client Sample ID.: N-10451

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 09:40 AM Point N-10451
 Received : 07/05/2023 10:15 AM Location Well 17
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.023		1	ug/L	1	07/10/2023 10:18	009 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		07/10/2023 10:18	009 AG2R1/2

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971010
Client Sample ID.: N-13192

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 09:30 AM Point N-13192
 Received : 07/05/2023 10:15 AM Location Well 18
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.048		1	ug/L	1	07/10/2023 10:35	010 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	107%		1	%REC		07/10/2023 10:35	010 AG2R1/2

Qualifiers:

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 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971011
Client Sample ID.: NB-9/16

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 08:00 AM Point NB-9/16
 Received : 07/05/2023 10:15 AM Location Wells 9 & 16
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.69		1	ug/L	1	07/10/2023 10:51	011 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		07/10/2023 10:51	011 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.

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

Date Reported: 07/11/2023



575 Broad Hollow Road, Melville, NY 11747
 TEL: (516) 370-6000 FAX: (516) 886-5526
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

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971012
Client Sample ID.: AS-6/7A

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 07:30 AM Point AS-6/7A
 Received : 07/05/2023 10:15 AM Location Wells 6 & 7A
 Collected By CLIENT AIRSTRIPPER

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.89		1	ug/L	1	07/10/2023 11:07	012 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	108%		1	%REC		07/10/2023 11:07	012 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
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Jennifer Aracri

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

Date Reported: 07/11/2023



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70261971013
Client Sample ID.: NB-10/14

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 07/05/2023 08:45 AM Point NB-10/14
 Received : 07/05/2023 10:15 AM Location Wells 10 & 14
 Collected By CLIENT Blended

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/10/2023 10:48		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	1.4*		1	ug/L	1	07/10/2023 11:23	013 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	105%		1	%REC		07/10/2023 11:23	013 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

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

Date Reported: 07/11/2023



575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526
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WorkOrder :
70261971

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



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

Sample Request Form PUBLIC WATER SUPPLIER

WO#: 70261971



Date: 2/5/23

Collected By: M. Williams

Accepted By: David Hill, 10/15

Cooler Temp: 7.8 °C

YES NO VOC'S PRESERVED WITH HCl

Client Info:
 Name or Code: Westbury Water District
 Address: _____
 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.
7/5/23 7:00 PM	GW	Well #6 N-02101	RW		RO		1.4 DIOXANE	
7/5/23 9:15	GW	well # 7A N-07785	RW		RO		1.4 DIOXANE	
7/5/23 8:10 AM	GW	well #9 N-02602	RW		RO		1.4 DIOXANE	
7/5/23 8:25 AM	GW	well #10 N-05007	RW		RO		1.4 DIOXANE	
7/5/23 9:05 AM	GW	well #11 N-05654	RW		RO		1.4 DIOXANE	
7/5/23 8:35 AM	GW	well #14 N-07353	RW		RO		1.4 DIOXANE	
7/5/23 9:20 AM	GW	well #15 N-08007	RW		RO		1.4 DIOXANE	
7/5/23 7:50 AM	GW	well #16 N-08497	RW		RO		1.4 DIOXANE	
7/5/23 9:40 AM	GW	well #17 N-10451	RW		RO		1.4 DIOXANE	
7/5/23 9:00 AM	GW	well #18 N-13192	RW		RO		1.4 DIOXANE	
7/5/23 8:00 AM	PW	well #9-16 Blended N/B-9/16	E		RO	1.09 7.75	1.4 DIOXANE	

Remarks: Well #1a is out of service Due to work Being Done on well



Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

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

WELL RUN TO SYSTEM

Date: 7/5/23
 Collected By: M. Reigward
 Accepted By: Aya Higgins
 Cooler Temp: 78 °C

YES NO VOC'S PRESERVED WITH HCl

Client Info:
 Name or Code: Westbury Water District
 Address: _____

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.
7/5/23 10 ⁰⁰	GW	well #6	RW		RO		PFOA/PFOs	
7/5/23 10 ¹⁵	GW	N-00101	RW		RO		PFOA/PFOs	
7/5/23 10 ³⁰	GW	N-07785	RW		RO		PFOA/PFOs	
7/5/23 10 ⁴⁵	GW	N-02602	RW		RO		PFOA/PFOs	
7/5/23 10 ⁵⁵	GW	N-05007	RW		RO		PFOA/PFOs	
7/5/23 11 ⁰⁵	GW	N-05654	RW		RO		PFOA/PFOs	
7/5/23 11 ¹⁵	GW	N-07353	RW		RO		PFOA/PFOs	
7/5/23 11 ²⁵	GW	N-08007	RW		RO		PFOA/PFOs	
7/5/23 11 ³⁵	GW	N-08497	RW		RO		PFOA/PFOs	
7/5/23 11 ⁴⁵	GW	N-10451	RW		RO		PFOA/PFOs	
7/5/23 11 ⁵⁵	GW	N-13192	RW		RO		PFOA/PFOs	
7/5/23 12 ⁰⁵	FW	N-617A blended AST-6/7A	E		RO		PFOA/PFOs	

Remarks:

All PFOAs All Method 533
 well #12 is O.O.S. Due to work being done on well

WO#: 70261971

Client Name: WWD Project #

PM: JSA Due Date: 07/14/23

Courier: Fed Ex UPS USPS Client Commercial Pace Other

CLIENT: WWD

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Temperature Blank Present: Yes No
 Packing Material: Bubble Wrap Bubble Bags Ziploc None Other Type of Ice: Wet Blue None

Thermometer Used: TH148 Correction Factor: -0.3 Samples on ice, cooling process has begun
 Cooler Temperature(°C): 7.8 Cooler Temperature Corrected(°C): 7.5 Date/Time 5035A kits placed in freezer _____
 Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

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 (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: 7/5/23 EU

	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 MS/MSD) <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/Analysis: Matrix: <u>SL</u> <u>WT</u> OIL OTHER	

Date and Initials of person checking preservation: 7/5/23 EU

All containers needing preservation have been pH paper Lot #	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl 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). 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	Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
KI starch test strips Lot #	14. Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15. Positive for Sulfide? Y N
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Lead Acetate Strips Lot #	17.
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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



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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70265838001
Client Sample ID.: N-00101

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 08/07/2023 09:55 AM Point N-00101
 Received : 08/07/2023 10:33 AM Location Well 6
 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: 08/09/2023 7:22 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.76	1		ug/L	1	08/09/2023 11:36	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	120%		1	%REC		08/09/2023 11:36	001 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.

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

Date Reported: 08/17/2023



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70265838002
Client Sample ID.: N-07785

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 08/07/2023 10:00 AM Point N-07785
 Received : 08/07/2023 10:33 AM Location Well 7A
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/09/2023 7:22 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.3*		1	ug/L	1	08/09/2023 11:54	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	126%		1	%REC		08/09/2023 11:54	002 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
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 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 08/17/2023



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70265838003
Client Sample ID.: N-05007

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 08/07/2023 08:00 AM Point N-05007
 Received : 08/07/2023 10:33 AM Location Well 10
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/09/2023 7:22 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.76		1	ug/L	1	08/10/2023 12:11	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	125%		1	%REC		08/10/2023 12:11	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
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 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 08/17/2023



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70265838004
Client Sample ID.: N-05654

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 08/07/2023 09:18 AM Point N-05654
 Received : 08/07/2023 10:33 AM Location Well 11
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 08/09/2023 7:22 AM		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.75		1	ug/L	1	08/10/2023 12:29	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	128%		1	%REC		08/10/2023 12:29	004 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

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

Date Reported: 08/17/2023



575 Broad Hollow Road, Melville, NY 11747
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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70265838005
Client Sample ID.: N-07353

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 08/07/2023 07:30 AM Point N-07353
 Received : 08/07/2023 10:33 AM Location Well 14
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/09/2023 7:22 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	2.5*		1	ug/L	1	08/10/2023 12:47	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	122%		1	%REC		08/10/2023 12:47	005 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
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Date Reported: 08/17/2023



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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70265838006
Client Sample ID.: N-08497

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 08/07/2023 08:20 AM Point N-08497
 Received : 08/07/2023 10:33 AM Location Well 16
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 08/14/2023 12:27		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	1.1*		1	ug/L	1	08/16/2023 8:41 PM	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	116%		1	%REC		08/16/2023 8:41 PM	006 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: 08/17/2023



575 Broad Hollow Road, Melville, NY 11747
 TEL: (516) 370-6000 FAX: (516) 886-5526
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

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70265838007
Client Sample ID.: N-02602

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 08/07/2023 08:30 AM Point N-02602
 Received : 08/07/2023 10:33 AM Location Well 9
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 08/09/2023 7:22 AM		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	08/10/2023 1:39 AM	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	126%		1	%REC		08/10/2023 1:39 AM	007 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

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Date Reported: 08/17/2023



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WorkOrder :
70265838

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#: 70265838



70265838

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

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

Date: 8/2/23

Collected By: M. Peligiano

Accepted By: [Signature]

Cooler Temp: 44 °C 10:33

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Westary Water Dist

Address: _____

Phone #: _____

Attr: _____

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.
8/7/23 4:00 AM	GW	well 6 N-00101	RW				1.4 DiOxAm	991
8/7/23 10:00 AM	GW	well 7A N-07785	RW				1.4 DiOxAm	002
8/1/23 8:00 AM	GW	well 10 N-05007	RW				1.4 DiOxAm	003
8/1/23 9:15 AM	GW	well 11 N-05654	RW				1.4 DiOxAm	004
8/1/23 7:30 AM	GW	well 14 N-07353	RW				1.4 DiOxAm	005
8/1/23 8:00 AM	GW	well 16 N-08497	RW				1.4 DiOxAm	006
8/1/23 8:30 AM	GW	well 9 N-02602	RW				1.4 DiOxAm	007
	PW	well 9416 Blend ²⁰ Pg 9/16			RO		1.4 DiOxAm	

Remarks:

Client: **WWD**
5069

Profile #: _____

Multiday Project

Use Point Number Spreadsheet

Work ID: **14 D10 817**

COC Page _____ of _____

Add SCLOGFD to first sample for field charge

COC Line Item	Matrix	WG90	WG91	VG98	DG97	DG98	AG40	AG39	AG38	AG37	AG28	AG11	AG1A	CG1U	BP4U	BP3U	BP2U	BP1U	BP3S	BP2S	BP4N	BP3N	BP2N	BP3C	BP3T	BP3U	BP3D	BP3E	BP3F	BP3G	BP3H	BP3I	BP3J	BP3K	BP3L	BP3M	BP3N	BP3O	BP3P	BP3Q	BP3R	BP3S	BP3T	BP3U	BP3V	BP3W	BP3X	BP3Y	BP3Z	WG9U	WG9V	WG9W	WG9X	WG9Y	WG9Z	SP5T	R	BP1N	BP12	BP1Z	BP1R	BP1S	BP1T	BP1U	BP1V	BP1W	BP1X	BP1Y	BP1Z	WG1U	WG1V	WG1W	WG1X	WG1Y	WG1Z	SP6T	R	BP2N	BP2Z	BP2R	BP2S	BP2T	BP2U	BP2V	BP2W	BP2X	BP2Y	BP2Z	WG2U	WG2V	WG2W	WG2X	WG2Y	WG2Z	SP7T	R	BP3N	BP3Z	BP3R	BP3S	BP3T	BP3U	BP3V	BP3W	BP3X	BP3Y	BP3Z	WG3U	WG3V	WG3W	WG3X	WG3Y	WG3Z	SP8T	R	BP4N	BP4Z	BP4R	BP4S	BP4T	BP4U	BP4V	BP4W	BP4X	BP4Y	BP4Z	WG4U	WG4V	WG4W	WG4X	WG4Y	WG4Z	SP9T	R	BP5N	BP5Z	BP5R	BP5S	BP5T	BP5U	BP5V	BP5W	BP5X	BP5Y	BP5Z	WG5U	WG5V	WG5W	WG5X	WG5Y	WG5Z	SP10T	R	BP6N	BP6Z	BP6R	BP6S	BP6T	BP6U	BP6V	BP6W	BP6X	BP6Y	BP6Z	WG6U	WG6V	WG6W	WG6X	WG6Y	WG6Z	SP11T	R	BP7N	BP7Z	BP7R	BP7S	BP7T	BP7U	BP7V	BP7W	BP7X	BP7Y	BP7Z	WG7U	WG7V	WG7W	WG7X	WG7Y	WG7Z	SP12T	R	BP8N	BP8Z	BP8R	BP8S	BP8T	BP8U	BP8V	BP8W	BP8X	BP8Y	BP8Z	WG8U	WG8V	WG8W	WG8X	WG8Y	WG8Z	SP13T	R	BP9N	BP9Z	BP9R	BP9S	BP9T	BP9U	BP9V	BP9W	BP9X	BP9Y	BP9Z	WG9U	WG9V	WG9W	WG9X	WG9Y	WG9Z	SP14T	R	BP10N	BP10Z	BP10R	BP10S	BP10T	BP10U	BP10V	BP10W	BP10X	BP10Y	BP10Z	WG10U	WG10V	WG10W	WG10X	WG10Y	WG10Z	SP15T	R	BP11N	BP11Z	BP11R	BP11S	BP11T	BP11U	BP11V	BP11W	BP11X	BP11Y	BP11Z	WG11U	WG11V	WG11W	WG11X	WG11Y	WG11Z	SP16T	R	BP12N	BP12Z	BP12R	BP12S	BP12T	BP12U	BP12V	BP12W	BP12X	BP12Y	BP12Z	WG12U	WG12V	WG12W	WG12X	WG12Y	WG12Z	SP17T	R	BP13N	BP13Z	BP13R	BP13S	BP13T	BP13U	BP13V	BP13W	BP13X	BP13Y	BP13Z	WG13U	WG13V	WG13W	WG13X	WG13Y	WG13Z	SP18T	R	BP14N	BP14Z	BP14R	BP14S	BP14T	BP14U	BP14V	BP14W	BP14X	BP14Y	BP14Z	WG14U	WG14V	WG14W	WG14X	WG14Y	WG14Z	SP19T	R	BP15N	BP15Z	BP15R	BP15S	BP15T	BP15U	BP15V	BP15W	BP15X	BP15Y	BP15Z	WG15U	WG15V	WG15W	WG15X	WG15Y	WG15Z	SP20T	R	BP16N	BP16Z	BP16R	BP16S	BP16T	BP16U	BP16V	BP16W	BP16X	BP16Y	BP16Z	WG16U	WG16V	WG16W	WG16X	WG16Y	WG16Z	SP21T	R	BP17N	BP17Z	BP17R	BP17S	BP17T	BP17U	BP17V	BP17W	BP17X	BP17Y	BP17Z	WG17U	WG17V	WG17W	WG17X	WG17Y	WG17Z	SP22T	R	BP18N	BP18Z	BP18R	BP18S	BP18T	BP18U	BP18V	BP18W	BP18X	BP18Y	BP18Z	WG18U	WG18V	WG18W	WG18X	WG18Y	WG18Z	SP23T	R	BP19N	BP19Z	BP19R	BP19S	BP19T	BP19U	BP19V	BP19W	BP19X	BP19Y	BP19Z	WG19U	WG19V	WG19W	WG19X	WG19Y	WG19Z	SP24T	R	BP20N	BP20Z	BP20R	BP20S	BP20T	BP20U	BP20V	BP20W	BP20X	BP20Y	BP20Z	WG20U	WG20V	WG20W	WG20X	WG20Y	WG20Z	SP25T	R	BP21N	BP21Z	BP21R	BP21S	BP21T	BP21U	BP21V	BP21W	BP21X	BP21Y	BP21Z	WG21U	WG21V	WG21W	WG21X	WG21Y	WG21Z	SP26T	R	BP22N	BP22Z	BP22R	BP22S	BP22T	BP22U	BP22V	BP22W	BP22X	BP22Y	BP22Z	WG22U	WG22V	WG22W	WG22X	WG22Y	WG22Z	SP27T	R	BP23N	BP23Z	BP23R	BP23S	BP23T	BP23U	BP23V	BP23W	BP23X	BP23Y	BP23Z	WG23U	WG23V	WG23W	WG23X	WG23Y	WG23Z	SP28T	R	BP24N	BP24Z	BP24R	BP24S	BP24T	BP24U	BP24V	BP24W	BP24X	BP24Y	BP24Z	WG24U	WG24V	WG24W	WG24X	WG24Y	WG24Z	SP29T	R	BP25N	BP25Z	BP25R	BP25S	BP25T	BP25U	BP25V	BP25W	BP25X	BP25Y	BP25Z	WG25U	WG25V	WG25W	WG25X	WG25Y	WG25Z	SP30T	R	BP26N	BP26Z	BP26R	BP26S	BP26T	BP26U	BP26V	BP26W	BP26X	BP26Y	BP26Z	WG26U	WG26V	WG26W	WG26X	WG26Y	WG26Z	SP31T	R	BP27N	BP27Z	BP27R	BP27S	BP27T	BP27U	BP27V	BP27W	BP27X	BP27Y	BP27Z	WG27U	WG27V	WG27W	WG27X	WG27Y	WG27Z	SP32T	R	BP28N	BP28Z	BP28R	BP28S	BP28T	BP28U	BP28V	BP28W	BP28X	BP28Y	BP28Z	WG28U	WG28V	WG28W	WG28X	WG28Y	WG28Z	SP33T	R	BP29N	BP29Z	BP29R	BP29S	BP29T	BP29U	BP29V	BP29W	BP29X	BP29Y	BP29Z	WG29U	WG29V	WG29W	WG29X	WG29Y	WG29Z	SP34T	R	BP30N	BP30Z	BP30R	BP30S	BP30T	BP30U	BP30V	BP30W	BP30X	BP30Y	BP30Z	WG30U	WG30V	WG30W	WG30X	WG30Y	WG30Z	SP35T	R	BP31N	BP31Z	BP31R	BP31S	BP31T	BP31U	BP31V	BP31W	BP31X	BP31Y	BP31Z	WG31U	WG31V	WG31W	WG31X	WG31Y	WG31Z	SP36T	R	BP32N	BP32Z	BP32R	BP32S	BP32T	BP32U	BP32V	BP32W	BP32X	BP32Y	BP32Z	WG32U	WG32V	WG32W	WG32X	WG32Y	WG32Z	SP37T	R	BP33N	BP33Z	BP33R	BP33S	BP33T	BP33U	BP33V	BP33W	BP33X	BP33Y	BP33Z	WG33U	WG33V	WG33W	WG33X	WG33Y	WG33Z	SP38T	R	BP34N	BP34Z	BP34R	BP34S	BP34T	BP34U	BP34V	BP34W	BP34X	BP34Y	BP34Z	WG34U	WG34V	WG34W	WG34X	WG34Y	WG34Z	SP39T	R	BP35N	BP35Z	BP35R	BP35S	BP35T	BP35U	BP35V	BP35W	BP35X	BP35Y	BP35Z	WG35U	WG35V	WG35W	WG35X	WG35Y	WG35Z	SP40T	R	BP36N	BP36Z	BP36R	BP36S	BP36T	BP36U	BP36V	BP36W	BP36X	BP36Y	BP36Z	WG36U	WG36V	WG36W	WG36X	WG36Y	WG36Z	SP41T	R	BP37N	BP37Z	BP37R	BP37S	BP37T	BP37U	BP37V	BP37W	BP37X	BP37Y	BP37Z	WG37U	WG37V	WG37W	WG37X	WG37Y	WG37Z	SP42T	R	BP38N	BP38Z	BP38R	BP38S	BP38T	BP38U	BP38V	BP38W	BP38X	BP38Y	BP38Z	WG38U	WG38V	WG38W	WG38X	WG38Y	WG38Z	SP43T	R	BP39N	BP39Z	BP39R	BP39S	BP39T	BP39U	BP39V	BP39W	BP39X	BP39Y	BP39Z	WG39U	WG39V	WG39W	WG39X	WG39Y	WG39Z	SP44T	R	BP40N	BP40Z	BP40R	BP40S	BP40T	BP40U	BP40V	BP40W	BP40X	BP40Y	BP40Z	WG40U	WG40V	WG40W	WG40X	WG40Y	WG40Z	SP45T	R	BP41N	BP41Z	BP41R	BP41S	BP41T	BP41U	BP41V	BP41W	BP41X	BP41Y	BP41Z	WG41U	WG41V	WG41W	WG41X	WG41Y	WG41Z	SP46T	R	BP42N	BP42Z	BP42R	BP42S	BP42T	BP42U	BP42V	BP42W	BP42X	BP42Y	BP42Z	WG42U	WG42V	WG42W	WG42X	WG42Y	WG42Z	SP47T	R	BP43N	BP43Z	BP43R	BP43S	BP43T	BP43U	BP43V	BP43W	BP43X	BP43Y	BP43Z	WG43U	WG43V	WG43W	WG43X	WG43Y	WG43Z	SP48T	R	BP44N	BP44Z	BP44R	BP44S	BP44T	BP44U	BP44V	BP44W	BP44X	BP44Y	BP44Z	WG44U	WG44V	WG44W	WG44X	WG44Y	WG44Z	SP49T	R	BP45N	BP45Z	BP45R	BP45S	BP45T	BP45U	BP45V	BP45W	BP45X	BP45Y	BP45Z	WG45U	WG45V	WG45W	WG45X	WG45Y	WG45Z	SP50T	R	BP46N	BP46Z	BP46R	BP46S	BP46T	BP46U	BP46V	BP46W	BP46X	BP46Y	BP46Z	WG46U	WG46V	WG46W	WG46X	WG46Y	WG46Z	SP51T	R	BP47N	BP47Z	BP47R	BP47S	BP47T	BP47U	BP47V	BP47W	BP47X	BP47Y	BP47Z	WG47U	WG47V	WG47W	WG47X	WG47Y	WG47Z	SP52T	R	BP48N	BP48Z	BP48R	BP48S	BP48T	BP48U	BP48V	BP48W	BP48X	BP48Y	BP48Z	WG48U	WG48V	WG48W	WG48X	WG48Y	WG48Z	SP53T	R	BP49N	BP49Z	BP49R	BP49S	BP49T	BP49U	BP49V	BP49W	BP49X	BP49Y	BP49Z	WG49U	WG49V	WG49W	WG49X	WG49Y	WG49Z	SP54T	R	BP50N	BP50Z	BP50R	BP50S	BP50T	BP50U	BP50V	BP50W	BP50X	BP50Y	BP50Z	WG50U	WG50V	WG50W	WG50X	WG50Y	WG50Z	SP55T	R	BP51N	BP51Z	BP51R	BP51S	BP51T	BP51U	BP51V	BP51W	BP51X	BP51Y	BP51Z	WG51U	WG51V	WG51W	WG51X	WG51Y	WG51Z	SP56T	R	BP52N	BP52Z	BP52R	BP52S	BP52T	BP52U	BP52V	BP52W	BP52X	BP52Y	BP52Z	WG52U	WG52V	WG52W	WG52X	WG52Y	WG52Z	SP57T	R	BP53N	BP53Z	BP53R	BP53S	BP53T	BP53U	BP53V	BP53W	BP53X	BP53Y	BP53Z	WG53U	WG53V	WG53W	WG53X	WG53Y	WG53Z	SP58T	R	BP54N	BP54Z	BP54R	BP54S	BP54T	BP54U	BP54V	BP54W	BP54X	BP54Y	BP54Z	WG54U	WG54V	WG54W	WG54X	WG54Y	WG54Z	SP59T	R	BP55N	BP55Z	BP55R	BP55S	BP55T	BP55U	BP55V	BP55W	BP55X	BP55Y	BP55Z	WG55U	WG55V	WG55W	WG55X	WG55Y	WG55Z	SP60T	R	BP56N	BP56Z	BP56R	BP56S	BP56T	BP56U	BP56V	BP56W	BP56X	BP56Y	BP56Z	WG56U	WG56V	WG56W	WG56X	WG56Y	WG56Z	SP61T	R	BP57N	BP57Z	BP57R	BP57S	BP57T	BP57U	BP57V	BP57W	BP57X	BP57Y	BP57Z	WG57U	WG57V	WG57W	WG57X	WG57Y	WG57Z	SP62T	R	BP58N	BP58Z	BP58R	BP58S	BP58T	BP58U	BP58V	BP58W	BP58X	BP58Y	BP58Z	WG58U	WG58V	WG58W	WG58X	WG58Y	WG58Z	SP63T	R	BP59N	BP59Z	BP59R	BP59S	BP59T	BP59U	BP59V	BP59W	BP59X	BP59Y	BP59Z	WG59U	WG59V	WG59W	WG59X	WG59Y	WG59Z	SP64T	R	BP60N	BP60Z	BP60R	BP60S	BP60T	BP60U	BP60V	BP60W	BP60X	BP60Y	BP60Z	WG60U	WG60V	WG60W	WG60X	WG60Y	WG60Z	SP65T	R	BP61N	BP61Z	BP61R	BP61S	BP61T	BP61U	BP61V	BP61W	BP61X	BP61Y	BP61Z	WG61U	WG61V	WG61W	WG61X	WG61Y	WG61Z	SP66T	R	BP62N	BP62Z	BP62R	BP62S	BP62T	BP62U	BP62V	BP62W	BP62X	BP62Y	BP62Z	WG62U	WG62V	WG62W	WG62X	WG62Y	WG62Z	SP67T	R	BP63N	BP63Z	BP63R</
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WO#: 70265838

PM: JSA Due Date: 08/16/23
CLIENT: WWD

Client Name: WWD

Project #

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Temperature Blank Present: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other Type of Ice: Wet Blue None

Thermometer Used: F11916 Correction Factor: -0.4 Samples on ice, cooling process has begun

Cooler Temperature (°C): 13.0 Cooler Temperature Corrected (°C): 12.6 Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 5.0°C

USDA Regulated Soil N/A, water sample)

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 (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: AS 8/7/23

	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 type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input 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 MS/MSD) <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/Analysis: Matrix: SL <input checked="" type="checkbox"/> WT <input type="checkbox"/> OIL <input type="checkbox"/> OTHER	

Date and Initials of person checking preservation:

All containers needing preservation have been pH paper Lot #	<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
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		Sample #
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.
KI starch test strips Lot #		Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #		15. Positive for Sulfide? Y N
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		16.
Lead Acetate Strips Lot #		17.
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

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: (516) 370-6000 FAX: (516) 886-5526
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

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70269556001
Client Sample ID.: N-00101

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 09/06/2023 08:25 AM Point N-00101
 Received : 09/06/2023 01:13 PM Location Well 6
 Collected By CLIENT

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.74		1	ug/L	1	09/12/2023 9:24 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		09/12/2023 9:24 PM	001 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: 09/14/2023



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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70269556002
Client Sample ID.: N-07785

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 09/06/2023 08:40 AM Point N-07785
 Received : 09/06/2023 01:13 PM Location Well 7A
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 09/11/2023 10:24		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.75		1	ug/L	1	09/12/2023 9:40 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	86%		1	%REC		09/12/2023 9:40 PM	002 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
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Jennifer Aracri

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Date Reported: 09/14/2023



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70269556003
Client Sample ID.: N-05007

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 09/06/2023 09:40 AM Point N-05007
 Received : 09/06/2023 01:13 PM Location Well 10
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 09/11/2023 10:24		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.65		1	ug/L	1	09/12/2023 9:56 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	92%		1	%REC		09/12/2023 9:56 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

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

Date Reported: 09/14/2023



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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70269556004
Client Sample ID.: N-07353

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 09/06/2023 09:25 AM Point N-07353
 Received : 09/06/2023 01:13 PM Location Well 14
 Collected By CLIENT

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	2.0*		1	ug/L	1	09/12/2023 10:28	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	94%		1	%REC		09/12/2023 10:28	004 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

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

Date Reported: 09/14/2023



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70269556005
Client Sample ID.: N-08497

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 09/06/2023 10:40 AM Point N-08497
 Received : 09/06/2023 01:13 PM Location Well 16
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 09/11/2023 10:24		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.78		1	ug/L	1	09/12/2023 10:44	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	82%		1	%REC		09/12/2023 10:44	005 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

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

Date Reported: 09/14/2023



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Type: Drinking Water
 Origin: Raw Well
 Routine

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70269556006
Client Sample ID.: N-02602

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 09/06/2023 10:00 AM Point N-02602
 Received : 09/06/2023 01:13 PM Location Well 9
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 09/11/2023 10:24		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	09/12/2023 11:01	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	91%		1	%REC		09/12/2023 11:01	006 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: 09/14/2023



575 Broad Hollow Road, Melville, NY 11747
 TEL: (516) 370-6000 FAX: (516) 886-5526
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

Westbury Water & Fire Dist.
160 Drexel Ave.
Westbury, NY 11590

Lab No. : 70269556007
Client Sample ID.: N-05654

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 09/06/2023 08:10 AM Point N-05654
 Received : 09/06/2023 01:13 PM Location Well 11
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 09/11/2023 10:24		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.49		1	ug/L	1	09/12/2023 11:17	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	80%		1	%REC		09/12/2023 11:17	007 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

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WorkOrder :
70269556

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#: 70269556

Client Name: WWD

Project

PM: JSA

Due Date: 09/15/23

CLIENT: WWD

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Temperature Blank Present: Yes No
 Packing Material: Bubble Wrap Bubble Bags Ziploc None Other Type of Ice: Wet Blue None

Thermometer Used: TH197 Correction Factor: -0.4 Samples on ice, cooling process has begun
 Cooler Temperature (°C): 4.3 Cooler Temperature Corrected (°C): 3.9 Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil N/A, water sample)

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 (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: AS 9/7/23

	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 MS/MSD) <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.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	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/Analysis Matrix: <u>SL</u> <u>WT</u> <u>OIL</u> <u>OTHER</u>	

Date and Initials of person checking preservation: AS

All containers needing preservation have been pH paper Lot # 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). Per Method, VOA pH is checked after analysis	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A KI starch test strips Lot # Residual chlorine strips Lot #	Sample #
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Lead Acetate Strips Lot #	Initial when completed: Lot # of added preservative: Date/Time preservative added:
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
	17.

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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