

July 10, 2023

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

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

The Drexel Ave Station (Wells 6 and 7A) Advanced Oxidation Process (AOP) project has received regulatory approval from both the Nassau County Department of Health (NCDH) and NYSDOH. 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 third quarter of 2022. It should be noted that the overall regulatory review and approval process took longer than initially anticipated.

The three project contracts (General, Electrical, and Plumbing) were bid in the second quarter of 2022 and awarded in the third quarter of 2022. Existing building demolition and new building concrete foundation is complete. Other miscellaneous construction is currently ongoing and major equipment has been ordered and is anticipated to be delivered by the end of the third quarter of 2023. Construction is anticipated to be complete in the second quarter of 2024.

Although it has been granted a deferral, the WWD was able to minimize the usage of these wells.

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 underway. 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 second 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		
	April 2023	May 2023	June 2023
Well 6 (N-00101)	0.64	0.59	0.76
Well 7A (N-07785)	0.99	0.9	1.2
Well 10 (N-05007)	0.58	0.57	0.64
Well 14 (N-07353)	1.4	1.7	1.6

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

Westbury Water District
MCL Deferral
Quarterly Report - Q2 2023

Well 12
GAC Project Schedule

Task Name	2022				2023				2024			
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Regulatory Review (Complete)	■											
Bidding (Complete) and Construction					■				■			
Startup and Testing									■			

Westbury Water District
MCL Deferral
Quarterly Report - Q2 2023

Wells 10 and 14
AOP Project Schedule

Task Name	2022				2023				2024				2025		
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
Regulatory Review (In Progress)															
Bidding and Construction															
Startup and Testing															



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. : 70251360001
Client Sample ID.: N-00101

Attn To : Supt. Ingram

Federal ID : 2902856

Collected : 04/03/2023 07:05 AM Point N-00101

Received : 04/03/2023 11:10 AM Location Well 6

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 04/04/2023 12:19		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.64	1		ug/L	1	04/05/2023 2:03 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		04/05/2023 2:03 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

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

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

Date Reported: 04/07/2023

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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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. : 70251360002
Client Sample ID.: N-07785

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 04/03/2023 07:15 AM Point N-07785
 Received : 04/03/2023 11:10 AM Location Well 7A
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 04/04/2023 12:19		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.99		1	ug/L	1	04/05/2023 2:36 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		04/05/2023 2:36 PM	002 AG2R1/2

Qualifiers:

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Jennifer Aracri

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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. : 70251360003
Client Sample ID.: N-05007

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 04/03/2023 08:45 AM Point N-05007
 Received : 04/03/2023 11:10 AM Location Well 10
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 04/04/2023 12:19		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.58		1	ug/L	1	04/05/2023 3:09 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	103%		1	%REC		04/05/2023 3:09 PM	003 AG2R1/2

Qualifiers:

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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. : 70251360005
Client Sample ID.: N-07353

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 04/03/2023 08:55 AM Point N-07353
 Received : 04/03/2023 11:10 AM Location Well 14
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 04/04/2023 12:19		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.4*		1	ug/L	1	04/05/2023 3:42 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		04/05/2023 3:42 PM	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.
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Date Reported: 04/07/2023



575 Broad Hollow Road, Melville, NY 11747
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www.pacelabs.com

WorkOrder :
70251360

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 Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

Date: 4-3-23

Collected By: M. Peibwano

Accepted By: Muhle Conkin

Cooler Temp: 4.4 °C 41/23 11:10

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	

Client Info:
 Name or Code: Westbury Water Dist.
 Address: _____
 Phone #: _____
 Attn: _____
 Proj. # or (Name): _____
 Bill To: _____
 Copies To: _____

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings C ₁₂ pH/Temp	Analysis	Lab No.
<u>4-3-23 10:05</u>	<u>GW</u>	<u>well 6</u>	<u>RW</u>		<u>RO</u>		<u>1,4 Dioxane</u>	<u>001</u>
<u>4/3/23 11:15</u>	<u>GW</u>	<u>well 7</u>	<u>RW</u>				<u>1,4 Dioxane</u>	<u>002</u>
<u>4/3/23 11:25</u>	<u>GW</u>	<u>well 10</u>	<u>RW</u>				<u>1,4 Dioxane</u>	<u>003</u>
<u>4/3/23 11:40</u>	<u>GW</u>	<u>well 11</u>	<u>RW</u>				<u>1,4 Dioxane</u>	<u>004</u>
<u>4/3/23 11:50</u>	<u>GW</u>	<u>well 14</u>	<u>RW</u>				<u>1,4 Dioxane</u>	<u>005</u>
<u>4/3/23 12:00</u>	<u>GW</u>	<u>well 16</u>	<u>RW</u>				<u>1,4 Dioxane</u>	<u>006</u>
<u>4/3/23 12:05</u>	<u>GW</u>	<u>well 9</u>	<u>RW</u>				<u>1,4 Dioxane</u>	<u>007</u>
<u>4/3/23 12:05</u>	<u>PW</u>	<u>well 9 #16 Blended</u>	<u>D</u>		<u>RO</u>		<u>1,4 Dioxane</u>	<u>008</u>

Remarks: Week 1

Client Name:

Westbury Water Dis

WO#: 70251360

PM: JSA

Due Date: 04/12/23

CLIENT: WWD

Courier: Fed Ex UPS USPS Client

Commercial Race Other

Tracking #:

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

Temperature Blank Present: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 4449

Correction Factor:

Samples on ice, cooling process has begun

Cooler Temperature(°C): 4.6

Cooler Temperature Corrected(°C): 4.7

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: M.C. 4/13/23

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 checked="" 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 type="checkbox"/> Yes	<input type="checkbox"/> No		12
Includes date/time/ID; Matrix: SL WL OIL				
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"/> HNO3 <input type="checkbox"/> H2SO4 <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?				
(HNO3, H2SO4, 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/BO15 (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	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:



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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. : 70254752001
Client Sample ID.: N-00101

Attn To : Supt. Ingram

Federal ID : 2902856

Collected : 05/01/2023 10:15 AM Point N-00101

Received : 05/01/2023 01:41 PM Location Well 6

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 05/03/2023 9:05 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.59		1	ug/L	1	05/03/2023 6:40 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		05/03/2023 6:40 PM	001 AG2R1/2

Qualifiers:

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

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

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

Date Reported: 05/04/2023

Jennifer Aracri

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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. : 70254752002
Client Sample ID.: N-07785

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 05/01/2023 10:25 AM Point N-07785
 Received : 05/01/2023 01:41 PM Location Well 7A
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 05/03/2023 9:05 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.90	1		ug/L	1	05/03/2023 6:58 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		05/03/2023 6:58 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.
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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. : 70254752004
Client Sample ID.: N-05007

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 05/01/2023 09:40 AM Point N-05007
 Received : 05/01/2023 01:41 PM Location Well 10
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 05/03/2023 9:05 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.57		1	ug/L	1	05/03/2023 7:34 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	103%		1	%REC		05/03/2023 7:34 PM	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

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: 05/04/2023



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

WorkOrder :
70254752

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#: 70254752



70254752

11747

10311 074-3040 FAX: 10311 420-8436

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

Date: 5/1/23

Collected By: M. Ferguson

Accepted By: Michelle Conklin PACE

Cooler Temp: 3.4 °C (W)

WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Westbury Water Dist.

Address: _____

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.
5/1/23 1015 AM	GW	well # 6 N-00101	RW		RO			1.4 DiOXANE	
5/1/23 1026 AM	GW	well # 7A N-07785	RW		RO			1.4 DiOXANE	
5/1/23 830 AM	GW	well # 9 N-02602	RW		RO			1.4 DiOXANE	
5/1/23 940 AM	GW	well # 10 N-05007	RW		RO			1.4 DiOXANE	
5/1/23 850 AM	GW	well # 11 N-05654	RW		RO			1.4 DiOXANE	
5/1/23 940 AM	GW	well # 12 N-05655	RW		RO			1.4 DiOXANE	
5/1/23 940 AM	GW	well # 14 N-07353	RW		RO			1.4 DiOXANE	
5/1/23 940 AM	GW	well 15 N-08007	RW		RO			1.4 DiOXANE	
5/1/23 520 AM	GW	well 16 N-08497	RW		RO			1.4 DiOXANE	
5/1/23 815 AM	PW	well # 16 Blended N B - 9/16	D		RO	1.23	8.00	1.4 DiOXANE	
5/1/23 940 AM	GW	well # 17 N-10451	RW		RO			1.4 DiOXANE	
Remarks: <u>Well # 12 RAW to WASTE O.O.S.</u>									

WO#: 70254752

PM: JSA Due Date: 05/10/23
 CLIENT: WMD

11747
 (631) 694-3040 Fax: (631) 420-8436

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

Date: 5/1/23

Collected By: M. Peignard

Accepted By: Michelle Conklin

cooler Temp: 3.4 °C 5/1/23 13:41

YES NO VOC'S PRESERVED WITH HCl

Client Info: Westbury Water Dist

Name or Code: _____
 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.
<u>7:30 AM 5/1/23</u>	<u>GW</u>	<u>Well #18 N-13192</u>	<u>RW</u>		<u>RO</u>		<u>1.4 Dioxide</u>	

Remarks:

WO#: 70254752

Pace Analytical

Client Name:

Project

PM: JSA

Due Date: 05/10/23

CLIENT: WWD

WWD

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: THD: TH148 Correction Factor: -0.3

Cooler Temperature(°C): 3.4 Cooler Temperature Corrected(°C): 3.1

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: NPC 5/2/23

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 IGC)	<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 checked="" 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 AD, Matrix, ST, WT, OIL		
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	Initial when completed: Lot # of added preservative: Date/Time preservative added:
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		
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: _____



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 TEL: (516) 370-6000 FAX: (516) 886-5526
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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. : 70254899001
Client Sample ID.: N-07353

Attn To : Supt. Ingram

Federal ID : 2902856

Collected : 05/02/2023 10:02 AM Point N-07353

Received : 05/02/2023 01:25 PM Location Well 14

Collected By CLIENT

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.7*		1	ug/L	1	05/08/2023 12:20	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		05/08/2023 12:20	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

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

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

Date Reported: 05/08/2023

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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TEL: (516) 370-6000 FAX: (516) 886-5526
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WorkOrder :
70254899

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



Client Name: WWD

Proc **WO# : 70254899**
 PM: JSA Due Date: 05/11/23
 CLIENT: WWD

Courier: Fed-Ex UPS USPS Client Commercial Trace 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: TH0: TH148 Correction Factor: -0.3
 Cooler Temperature(°C): 1.3 Cooler Temperature Corrected(°C): 1.0
 Temp should be above freezing to 6.0°C
 USDA Regulated Soil (N/A, water sample)

Type of Ice: Wet Blue None
 Samples on ice, cooling process has begun
 Date/Time 5035A kits placed in freezer _____

Date and Initials of person examining contents: SH 5/8/23

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 IGC)	<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 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 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, SL, WT, Dil		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input 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 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 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 type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input 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: _____



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. : 70258538001
Client Sample ID.: N-00101

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 06/05/2023 09:25 AM Point N-00101
 Received : 06/05/2023 10:44 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: 06/09/2023 12:11		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.76		1	ug/L	1	06/12/2023 7:31 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	116%		1	%REC		06/12/2023 7:31 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: 06/13/2023



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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. : 70258538002
Client Sample ID.: N-07785

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 06/05/2023 09:30 AM Point N-07785
 Received : 06/05/2023 10:44 AM Location Well 7A
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 06/09/2023 12:11		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.2*		1	ug/L	1	06/12/2023 8:07 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	114%		1	%REC		06/12/2023 8:07 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
 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: 06/13/2023



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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. : 70258538003
Client Sample ID.: N-05007

Attn To : Supt. Ingram
 Federal ID : 2902856
 Collected : 06/05/2023 08:35 AM Point N-05007
 Received : 06/05/2023 10:44 AM Location Well 10
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 06/09/2023 12:11		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.64	1		ug/L	1	06/12/2023 8:25 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	117%		1	%REC		06/12/2023 8:25 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.

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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: 06/13/2023



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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. : 70258538005
Client Sample ID.: N-07353

Attn To : Supt. Ingram

Federal ID : 2902856

Collected : 06/05/2023 08:50 AM Point N-07353

Received : 06/05/2023 10:44 AM Location Well 14

Collected By CLIENT

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.6*		1	ug/L	1	06/12/2023 9:01 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	121%		1	%REC		06/12/2023 9:01 PM	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

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: 06/13/2023



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WorkOrder :
70258538

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



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

Sample Request Form PUBLIC WATER SUPPLIER

WO#: 70258538
70258538

Date: 6/5/23

Collected By: M. RUGIANO

Accepted By: [Signature]

Cooler Temp: 11.4 °C W

1044 WELL RUN TO
6/5/23 YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Westbury Water Dist.
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.
6/5/23 9:25 AM	GW	Well # 6 N-05101	RW		RO		1,4 Dioxane	
6/5/23 9:30 AM	GW	Well 7A N-07785	RW		RO			
6/5/23 9:35 AM	GW	Well 10 N-05007	RW		RO			
6/5/23 9:45 AM	GW	Well 11 N-05654	RW		RO			
6/5/23 8:50 AM	GW	Well-14 N-07353	RW		RO			
6/5/23 7:45 AM	GW	Well-16 N-08497	RW		RO			
6/5/23 7:30 AM	GW	Well-9 N-02602	RW		RO			
6/5/23 7:55 AM	PW	Well 9 #16 Blended NB-9/16	D		RO			

Remarks:

Week #1 1-4 Dioxin w

WO#: 70258538

PM: JSA

Due Date: 06/14/23

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: TH148 Correction Factor: .3 Samples on ice, cooling process has begun

Cooler Temperature(°C): 17.4 Cooler Temperature Corrected(°C): 11.1 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6°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:

	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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested <input checked="" type="checkbox"/> Yes <input 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	
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> <u>OIL</u> 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. Positive for Res. Chlorine? Y N
KI starch test strips Lot #	
Residual chlorine strips Lot #	
SM 4500 CN samples checked for sul <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	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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