

January 1, 2022

Westbury Water District  
PWS ID No. NY2902856  
MCL Deferral for 1,4-Dioxane, PFOA, and PFOS  
Quarterly Report – Fourth Quarter 2021

## **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 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 Advanced Oxidation Process (AOP) project is currently in its final design phase. The Basis of Design Report (BODR) for the project was submitted to the Nassau County Department of Health (NCDH) and NYSDOH for regulatory review in the first quarter of 2021 with clarifications requested by NCDH in the third quarter of 2021. The BODR has since been revised and resubmitted to NCDH and NYSDOH in the third quarter of 2021. Detailed design documents for the facility were also submitted to NCDH and NYSDOH in the third quarter of 2021 and are currently under review. The project has not yet been publicly bid as the District is still awaiting regulatory approval. At this time, the construction of the facility can still be complete in the fourth quarter of 2023 in accordance with the original deferral request application prepared for the WWD. However, this schedule may be affected by factors beyond the District's control, such as regulatory review timelines, supply chain issues, and delays associated with the ongoing COVID-19 pandemic.

Although it has been granted a deferral, the WWD was able to minimize the usage of Wells 6 and 7A.

### Well 12

The WWD State Street PFOA and PFOS treatment project is currently in the design phase. Comments on the Detailed Design Documents were received from the NCDH and addressed in the fourth quarter of

2021. The District will wait until the design documents are approved by the NCDH and NYSDOH before completing the public bidding process. The facility is still on schedule to be operational by the end of 2022, however, it is still vulnerable to the extenuating circumstances (review times, supply chain issues, and pandemic-related delays) described above.

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

Wells 10 and 14

The Wells 10 and 14 AOP project is currently in its detailed design phase. The NCDH and the NYSDOH have completed review of and approved the BODR for the project late in the fourth quarter of 2021. Detailed design documents for this facility are expected to be submitted for regulatory review in the first quarter of 2022. The project timeline is subject to change based on factors beyond the District’s control as outlined above.

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 for 1,4-dioxane were granted (6, 7A, 10, and 14) taken during the fourth quarter of 2021 are contained in the below tables. Well 12 was not sampled during the fourth quarter of 2021, as it is out of service. Full laboratory reports for each sample are contained in **Attachment B**.

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

Well	Date		
	October 2021	November 2021	December 2021
Well 6 (N-00101)	0.77	0.74	NS
Well 7A (N-07785)	1.3	0.9	NS
Well 10 (N-05007)	0.64	0.56	0.63
Well 14 (N-07353)	2.1	1.8	1.9

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](http://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)  
P. Sachs (D&B)  
L. Ortiz (D&B)

**ATTACHMENT B**

**Water Quality Data**



# Laboratory Results

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

### Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

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

**Lab No. : 70189699001**  
**Client Sample ID.: N-00101**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 10/04/2021 09:50 AM Point N-00101  
 Received : 10/04/2021 10:26 AM Location Well 6  
 Collected By CLIENT

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.77		1	ug/L	1	10/07/2021 8:57 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	107%		1	%REC		10/07/2021 8:57 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: 10/11/2021



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

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 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. : 70189699002**  
**Client Sample ID.: N-07785**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 10/04/2021 10:00 AM Point N-07785  
 Received : 10/04/2021 10:26 AM Location Well 7A  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/07/2021 7:58 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.3*		1	ug/L	1	10/07/2021 9:13 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	111%		1	%REC		10/07/2021 9:13 PM	002 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. : 70189699003**  
**Client Sample ID.: N-05007**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 10/04/2021 08:50 AM Point N-05007  
 Received : 10/04/2021 10:26 AM Location Well 10  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/08/2021 8:32 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.64		1	ug/L	1	10/08/2021 4:53 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	107%		1	%REC		10/08/2021 4:53 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. : 70189699005**  
**Client Sample ID.: N-07353**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 10/04/2021 09:05 AM Point N-07353  
 Received : 10/04/2021 10:26 AM Location Well 14  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 10/08/2021 8:32 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	2.1*		1	ug/L	1	10/08/2021 5:58 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	113%		1	%REC		10/08/2021 5:58 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  
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Date Reported: 10/11/2021



**WorkOrder :**  
70189699

## Laboratory Certifications

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**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#: 70189699



70189699

# Sample Request Form PUBLIC WATER SUPPLIER

Date: 10/4/2021

Collected By: M. Palganao

Accepted By: [Signature]

Cooler Temp: 5.9 °C  
(W) 10:26 10/4/21

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

**Sample Info:**

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings		Analysis	Lab No.
						Cl <sub>2</sub>	pH/Temp		
<u>10-4-2021</u> <sup>9:50 AM</sup>	<u>GW</u>	<u>Well-6</u> <u>N-00101</u>	<u>RW</u>		<u>RO</u>			<u>1.4 Dioxane</u>	
<u>10/4/21</u> <sup>10:00 AM</sup>	<u>GW</u>	<u>Well-7a</u> <u>N-07785</u>	<u>RW</u>		<u>RO</u>				
<u>10/4/21</u> <sup>8:50 AM</sup>	<u>GW</u>	<u>Well-10</u> <u>N-05007</u>	<u>RW</u>		<u>RO</u>				
<u>10/4/21</u> <sup>8:55 AM</sup>	<u>GW</u>	<u>Well-11</u> <u>N-05654</u>	<u>RW</u>		<u>RO</u>				
<u>10/4/21</u> <sup>9:05 AM</sup>	<u>GW</u>	<u>Well-14</u> <u>N-07353</u>	<u>RW</u>		<u>RO</u>				
<u>10/4/21</u> <sup>7:40 AM</sup>	<u>GW</u>	<u>Well-16</u> <u>N-08497</u>	<u>RW</u>		<u>RO</u>				

Remarks:



Sample Condition Upon Receipt

**WO#: 70189699**  
**PM: JSA** Due Date: 10/13/21  
**CLIENT: WWD**

Client Name: 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: TH091 Correction Factor:  $\pm 0.0$

Cooler Temperature(°C): 5.9 Cooler Temperature Corrected(°C): 5.9

Temp should be above freezing to 6.0°C

USDA Regulated Soil (  N/A, water sample)

temperature Blank Present:  Yes  No

Type of Ice:  Wet  Blue  None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer \_\_\_\_\_

Date and Initials of person examining contents: KW 10/14/21

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

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

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

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

Client Notification/ Resolution: \_\_\_\_\_

Field Data Required? Y / N

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

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



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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. : 70193311001**  
**Client Sample ID.: N-00101**

**Attn To : Supt. Ingram**

Federal ID : 2902856

Collected : 11/03/2021 10:15 AM Point N-00101

Received : 11/03/2021 12:40 PM Location Well 6

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/05/2021 2:04 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.74		1	ug/L	1	11/06/2021 12:17	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	96%		1	%REC		11/06/2021 12:17	001 AG2R1/2

Analytical Method: EPA 524.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,1-Dichloroethane	2.1		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,1-Dichloroethene	1.0		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		11/07/2021 2:49 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		11/07/2021 2:49 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3,v3	1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Chloroform	<0.50		1	ug/L		11/07/2021 2:49 PM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2

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 ND - Not Detected at or above adjusted reporting limit.  
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 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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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. : 70193311001**  
**Client Sample ID.: N-00101**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 11/03/2021 10:15 AM Point N-00101  
 Received : 11/03/2021 12:40 PM Location Well 6  
 Collected By CLIENT

Compound	Concentration	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Dibromochloromethane	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Dibromomethane	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Dichlorodifluoromethane	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Ethylbenzene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Hexachloro-1,3-butadiene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Isopropylbenzene (Cumene)	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Methyl-tert-butyl ether	<0.50	L1 1		ug/L	10	11/07/2021 2:49 PM	001 VG9C1/2
Methylene Chloride	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Styrene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Tetrachloroethene	0.87	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Toluene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50	1		ug/L	80	11/07/2021 2:49 PM	001 VG9C1/2
Trichloroethene	0.54	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Trichlorofluoromethane	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Vinyl chloride	<0.50	1		ug/L	2	11/07/2021 2:49 PM	001 VG9C1/2
cis-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
cis-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
m&p-Xylene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
n-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
n-Propylbenzene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
o-Xylene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
p-Isopropyltoluene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
sec-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
tert-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
trans-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
trans-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	86%	1		%REC		11/07/2021 2:49 PM	001 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	92%	1		%REC		11/07/2021 2:49 PM	001 VG9C1/2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Analytical Method: SM22 9223B Colilert      Prep Method: SM22 9223B Colilert      Prep Date: 11/03/2021 6:35 PM							
E.coli	Absent		1		Absent	11/04/2021 12:35	001 SP5T1/1
Total Coliforms	Absent		1		Absent	11/04/2021 12:35	001 SP5T1/1

**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  
 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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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. : 70193311002**  
**Client Sample ID.: N-07785**

**Attn To : Supt. Ingram**

Federal ID : 2902856

Collected : 11/03/2021 10:25 AM Point N-07785

Received : 11/03/2021 12:40 PM Location Well 7A

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/05/2021 2:04 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.90		1	ug/L	1	11/06/2021 12:33	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	99%		1	%REC		11/06/2021 12:33	002 AG2R1/2

Analytical Method: EPA 524.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,1-Dichloroethane	2.4		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,1-Dichloroethene	0.59		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		11/07/2021 3:15 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		11/07/2021 3:15 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3,v3	1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		11/07/2021 3:15 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2

**Qualifiers:**

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 ND - Not Detected at or above adjusted reporting limit.  
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Jennifer Aracri

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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. : 70193311002**  
**Client Sample ID.: N-07785**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 11/03/2021 10:25 AM Point N-07785  
 Received : 11/03/2021 12:40 PM Location Well 7A  
 Collected By CLIENT

Parameter	Result	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Dibromochloromethane	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Dibromomethane	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Dichlorodifluoromethane	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Ethylbenzene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Hexachloro-1,3-butadiene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Isopropylbenzene (Cumene)	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Methyl-tert-butyl ether	<0.50	L1 1		ug/L	10	11/07/2021 3:15 PM	002 VG9C1/2
Methylene Chloride	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Styrene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Tetrachloroethene	0.62	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Toluene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50	1		ug/L	80	11/07/2021 3:15 PM	002 VG9C1/2
Trichloroethene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Trichlorofluoromethane	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Vinyl chloride	<0.50	1		ug/L	2	11/07/2021 3:15 PM	002 VG9C1/2
cis-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
cis-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
m&p-Xylene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
n-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
n-Propylbenzene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
o-Xylene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
p-Isopropyltoluene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
sec-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
tert-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
trans-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
trans-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	84%	1		%REC		11/07/2021 3:15 PM	002 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	92%	1		%REC		11/07/2021 3:15 PM	002 VG9C1/2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Analytical Method: SM22 9223B Colilert      Prep Method: SM22 9223B Colilert      Prep Date: 11/03/2021 6:35 PM							
E.coli	Absent		1		Absent	11/04/2021 12:35	002 SP5T1/1
Total Coliforms	Absent		1		Absent	11/04/2021 12:35	002 SP5T1/1

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 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
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575 Broad Hollow Road, Melville, NY 11747  
 TEL: (631) 694-3040 FAX: (631) 420-8436  
[www.pacelabs.com](http://www.pacelabs.com)

# 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. : 70193311007**  
**Client Sample ID.: N-05007**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 11/03/2021 08:20 AM Point N-05007  
 Received : 11/03/2021 12:40 PM Location Well 10  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/10/2021 8:12 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.56		1	ug/L	1	11/10/2021 4:42 PM	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	100%		1	%REC		11/10/2021 4:42 PM	007 AG2R1/2

Analytical Method: EPA 524.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,1-Dichloroethane	1.5		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,1-Dichloroethene	1.6		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		11/07/2021 4:33 PM	007 VG9C1/2
Bromoform	<0.50		1	ug/L		11/07/2021 4:33 PM	007 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Chlorodifluoromethane	<0.50	N3,v3	1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Chloroform	<0.50		1	ug/L		11/07/2021 4:33 PM	007 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2

**Qualifiers:**  
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 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
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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. : 70193311007**  
**Client Sample ID.: N-05007**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 11/03/2021 08:20 AM Point N-05007  
 Received : 11/03/2021 12:40 PM Location Well 10  
 Collected By CLIENT

Parameter	Result	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Dibromochloromethane	<0.50	1		ug/L		11/07/2021 4:33 PM	007 VG9C1/2
Dibromomethane	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Dichlorodifluoromethane	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Ethylbenzene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Hexachloro-1,3-butadiene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Isopropylbenzene (Cumene)	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Methyl-tert-butyl ether	<0.50	L1 1		ug/L	10	11/07/2021 4:33 PM	007 VG9C1/2
Methylene Chloride	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Styrene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Tetrachloroethene	3.9	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Toluene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50	1		ug/L	80	11/07/2021 4:33 PM	007 VG9C1/2
Trichloroethene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Trichlorofluoromethane	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Vinyl chloride	<0.50	1		ug/L	2	11/07/2021 4:33 PM	007 VG9C1/2
cis-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
cis-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
m&p-Xylene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
n-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
n-Propylbenzene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
o-Xylene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
p-Isopropyltoluene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
sec-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
tert-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
trans-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
trans-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 4:33 PM	007 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	84%	1		%REC		11/07/2021 4:33 PM	007 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	92%	1		%REC		11/07/2021 4:33 PM	007 VG9C1/2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Analytical Method: SM22 9223B Colilert      Prep Method: SM22 9223B Colilert      Prep Date: 11/03/2021 6:35 PM							
E.coli	Absent		1		Absent	11/04/2021 12:35	007 SP5T1/1
Total Coliforms	Absent		1		Absent	11/04/2021 12:35	007 SP5T1/1

**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  
 See qualifiers page for additional qualifier definitions.

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.



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 TEL: (631) 694-3040 FAX: (631) 420-8436  
[www.pacelabs.com](http://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. : 70193311008**  
**Client Sample ID.: N-07353**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 11/03/2021 08:40 AM Point N-07353  
 Received : 11/03/2021 12:40 PM Location Well 14  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 11/10/2021 8:12 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.8*		1	ug/L	1	11/10/2021 5:00 PM	008 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		11/10/2021 5:00 PM	008 AG2R1/2

Analytical Method: EPA 524.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,1,1-Trichloroethane	0.92		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,1-Dichloroethane	5.1*		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,1-Dichloroethene	1.9		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		11/07/2021 4:58 PM	008 VG9C1/2
Bromoform	<0.50		1	ug/L		11/07/2021 4:58 PM	008 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Chlorodifluoromethane	<0.50	N3,v3	1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Chloroform	<0.50		1	ug/L		11/07/2021 4:58 PM	008 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2

**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  
 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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



# Laboratory Results

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

### Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

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

**Lab No. : 70193311008**  
**Client Sample ID.: N-07353**

**Attn To : Supt. Ingram**

Federal ID : 2902856

Collected : 11/03/2021 08:40 AM Point N-07353

Received : 11/03/2021 12:40 PM Location Well 14

Collected By CLIENT

Parameter	Result	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Dibromochloromethane	<0.50	1		ug/L		11/07/2021 4:58 PM	008 VG9C1/2
Dibromomethane	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Dichlorodifluoromethane	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Ethylbenzene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Hexachloro-1,3-butadiene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Isopropylbenzene (Cumene)	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Methyl-tert-butyl ether	<0.50	L1 1		ug/L	10	11/07/2021 4:58 PM	008 VG9C1/2
Methylene Chloride	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Styrene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Tetrachloroethene	0.58	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Toluene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50	1		ug/L	80	11/07/2021 4:58 PM	008 VG9C1/2
Trichloroethene	1.7	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Trichlorofluoromethane	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Vinyl chloride	<0.50	1		ug/L	2	11/07/2021 4:58 PM	008 VG9C1/2
cis-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
cis-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
m&p-Xylene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
n-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
n-Propylbenzene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
o-Xylene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
p-Isopropyltoluene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
sec-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
tert-Butylbenzene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
trans-1,2-Dichloroethene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
trans-1,3-Dichloropropene	<0.50	1		ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	85%	1		%REC		11/07/2021 4:58 PM	008 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	94%	1		%REC		11/07/2021 4:58 PM	008 VG9C1/2

Analytical Method: SM22 9223B Colilert

Prep Method: SM22 9223B Colilert

Prep Date: 11/03/2021 6:35 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	11/04/2021 12:35	008 SP5T1/1
Total Coliforms	Absent		1		Absent	11/04/2021 12:35	008 SP5T1/1

**Qualifiers:**

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 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
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 See qualifiers page for additional qualifier definitions.

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



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TEL: (631) 694-3040 FAX: (631) 420-8436  
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**WorkOrder :**  
70193311

## Laboratory Certifications

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**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

**WorkOrder :**

70193311

**Additional Qualifiers**

---

L1 - Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

M0 - Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

N3 - Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

v3 - The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

WO#: 70193311



70193311

**Sample Request Form  
PUBLIC WATER SUPPLIER**

Date: 11-3-2021

Collected By: M. MAGWAN

Accepted By: B. C. PACELE

Cooler Temp: 0.7 W °C 12:40  
11/3/21

WELL OFF LINE \_\_\_\_\_

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		Analysis	Lab No.
						Cl <sub>2</sub>	pH/Temp		
11-3-2021 10:15 AM	GW	Well-6 N-00101	RW		RO			1.4 Dioxane / POE / MIC	
11/3/21 10:25 AM	GW	Well-7a N-07785	RW		RO			1.4 Dioxane / POE / MIC	
11/3/21 10:35 AM	PW	Wells 6/7a Blended	E		RO	1.80		1.4 Dioxane	
11/3/21 9:25 AM	GW	Well-9 N-02602	RW		RO			1.4 Dioxane / POE / MIC	
11/3/21 9:35 AM	GW	Well-16 N-08497	RW		RO			1.4 Dioxane / POE / MIC	
11/3/21 9:40 AM	PW	Wells 9/16 Blended	D		RO	1.20		1.4 Dioxane	
11/3/21 8:20 AM	GW	Well-10 N-05007	RW		RO			1.4 Dioxane / POE / MIC	
11/3/21 8:40 AM	GW	Well-14 N-07353	RW		RO			1.4 Dioxane / POE / MIC	
11/3/21 8:45 AM	PW	Wells 10/14 Blended	D		RO	1.93		1.4 Dioxane	
11/3/21 8:00 AM	GW	Well-11 N-05654	RW		RO			1.4 Dioxane / POE / MIC	
11/3/21 9:05 AM	GW	Well-12 N-05655	RW		RO			1.4 Dioxane / POE / MIC	

Remarks: Well-12 Ran TO waste



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

# Sample Request Form PUBLIC WATER SUPPLIER

Date: 11-3-2021

Collected By: M. Pagan

Accepted By: B. Pace

Cooler Temp: 0.7 W °C 12:40  
11/3/21

WELL OFF LINE \_\_\_\_\_

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 Info:**

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	

Page 29 of 30

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings		Analysis	Lab No.
						Cl <sub>2</sub>	pH/Temp		
<u>11-3-2021</u> <sup>11:25 AM</sup>	<u>GW</u>	<u>Well-15</u> <u>N-08007</u>	<u>RW</u>		<u>RO</u>			<u>1.4 Dioxane/Pde/Mie</u>	
<u>11/3/21</u> <sup>11:00 AM</sup>	<u>GW</u>	<u>Well-17</u> <u>N-10451</u>	<u>RW</u>		<u>RO</u>				
<u>11/3/21</u> <sup>11:15 AM</sup>	<u>GW</u>	<u>Well-18</u> <u>N-13192</u>	<u>RW</u>		<u>RO</u>				

Remarks: \_\_\_\_\_



# Sample Condition Upon Receipt



WO#: 70193311

Client Name: Weston W.D

Project: PM: JSA Due Date: 11/12/21  
**CLIENT: 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: ~~TH091~~ TH176 Correction Factor: +0.1  
 Cooler Temperature(°C): 0.7 Cooler Temperature Corrected(°C): 0.8

Temperature Blank Present:  Yes  No  
 Type of Ice: Wet Blue None  
 Samples on ice, cooling process has begun  
 Date/Time 5035A kits placed in freezer \_\_\_\_\_

Temp should be above freezing to 6.0°C  
 USDA Regulated Soil (  N/A, water sample) Date and Initials of person examining contents: BC 11/3/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)?  Yes  No  
 Did samples originate from a foreign source including Hawaii and Puerto Rico)?  Yes  No  
 If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

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

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



# Laboratory Results

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

**Sample Information:**

Type: Drinking Water  
 Origin: Raw Well  
 Routine

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

**Lab No. : 70196763001**  
**Client Sample ID.: N-05007**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 12/06/2021 08:10 AM Point N-05007  
 Received : 12/06/2021 10:20 AM Location Well 10  
 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: 12/07/2021 9:17 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.63		1	ug/L	1	12/07/2021 10:30	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		12/07/2021 10:30	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: 12/08/2021



575 Broad Hollow Road, Melville, NY 11747  
 TEL: (631) 694-3040 FAX: (631) 420-8436  
[www.pacelabs.com](http://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. : 70196763003**  
**Client Sample ID.: N-07353**

**Attn To :** Supt. Ingram  
 Federal ID : 2902856  
 Collected : 12/06/2021 08:35 AM Point N-07353  
 Received : 12/06/2021 10:20 AM Location Well 14  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 12/07/2021 9:17 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.9*		1	ug/L	1	12/07/2021 11:21	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		12/07/2021 11:21	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: 12/08/2021



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

**WorkOrder :**  
70196763

## Laboratory Certifications

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**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#: 70196763



70196763

**Sample Request Form  
PUBLIC WATER SUPPLIER**

Date: 12/6/2021

Collected By: MICHAEL NAM

Accepted By: [Signature] 12/6/21 10:20

Cooler Temp: 12.1 °C

WELL OFF LINE \_\_\_\_\_

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		Analysis	Lab No.
						Cl <sub>2</sub>	pH/Temp		
12-6-2021	GW	Well-6 N-00101	RW		RO			1.4 Dioxane	
	GW	Well-7 N-07785	RW		RO				
12/6/21 810 AM	GW	Well-10 N-05007	RW		RO				
12/6/21 930 M	GW	Well-11 N-05654	RW		RO				
12/6/21 835 M	GW	Well-14 N-07353	RW		RO				
12/6/21 730 AM	GW	Well-16 N-08497	RW		RO				

Remarks: Wells 6/7 OFF LINE



Sample Condition Upon Receipt

WO#: 70196763

Client Name: Westbury W.D.

Project: JSA

Due Date: 12/15/21

CLIENT: 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

Temperature Blank Present:  Yes  No

Packing Material:  Bubble Wrap  Bubble Bags  Ziploc  None  Other

Type of Ice: Wet Blue None

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

Samples on ice, cooling process has begun

Cooler Temperature(°C): 12.1 Cooler Temperature Corrected(°C): 12.2

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: MW 12/6/21

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

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

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

	COMMENTS:
Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC: <input 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 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 type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SL (W) OIL</u>	
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 <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # <u>11C160347</u>	Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide, <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
NAOH>12 Cyanide)	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Per Method, VOA pH is checked after analysis	
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #	
Residual chlorine strips Lot #	
SM 4500 CN samples checked for sulfide? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #	
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____	

Client Notification/ Resolution: \_\_\_\_\_

Field Data Required? Y / N

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

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

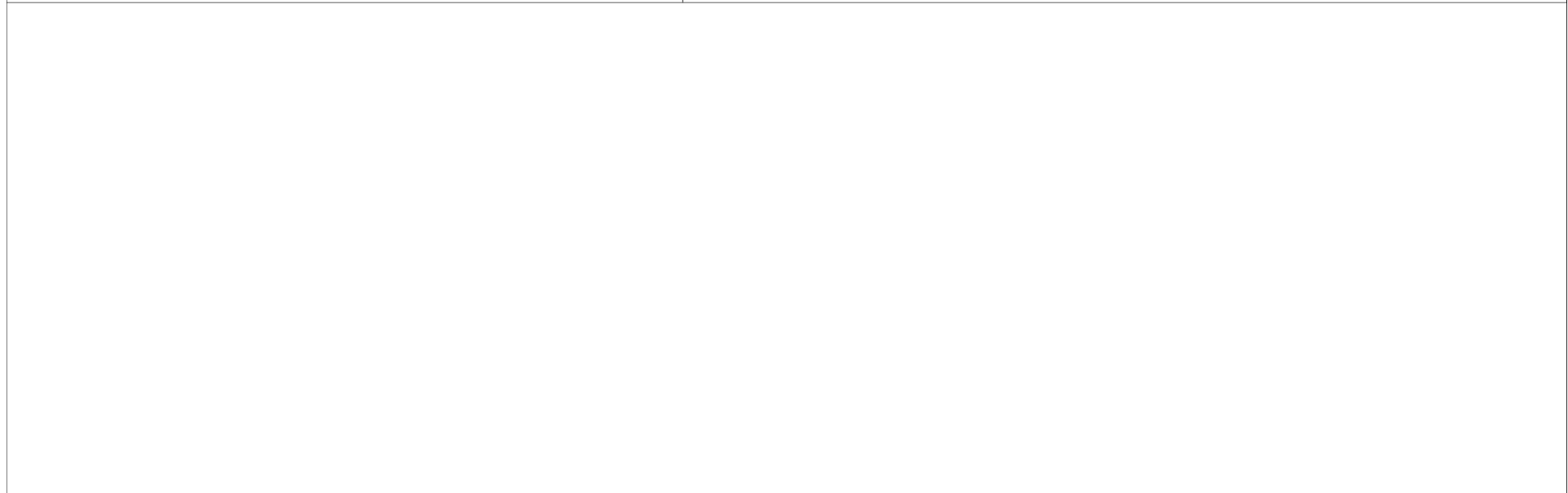
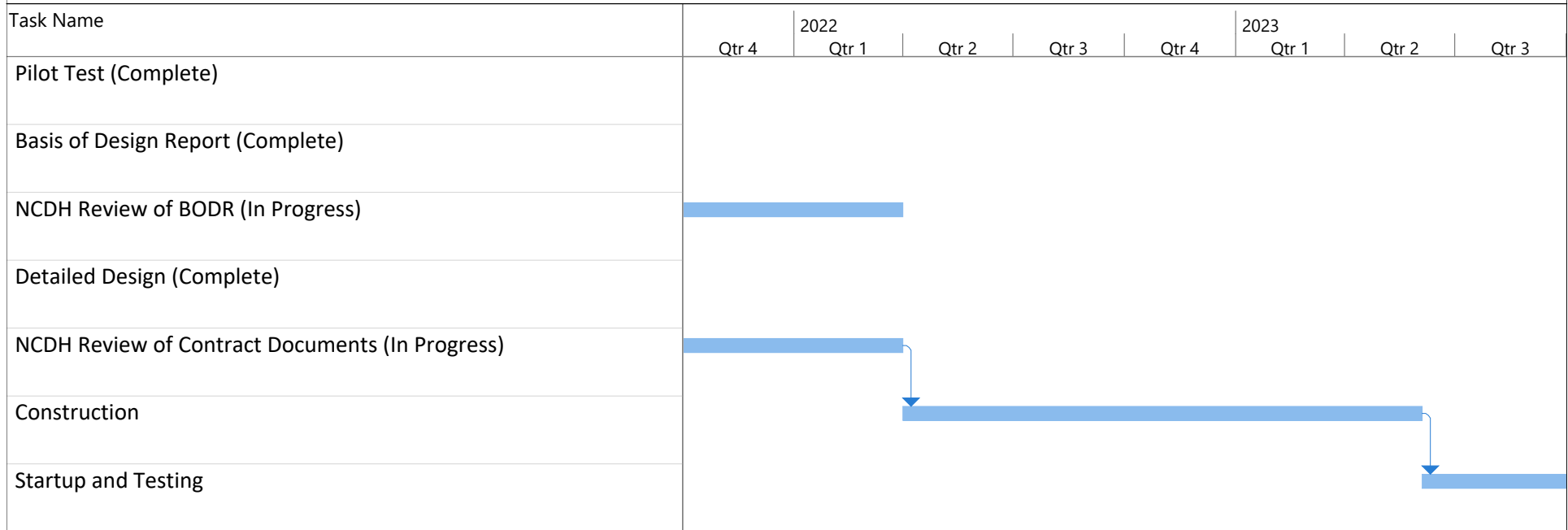
**ATTACHMENT A**

**Project Schedules Associated with MCL Deferral**



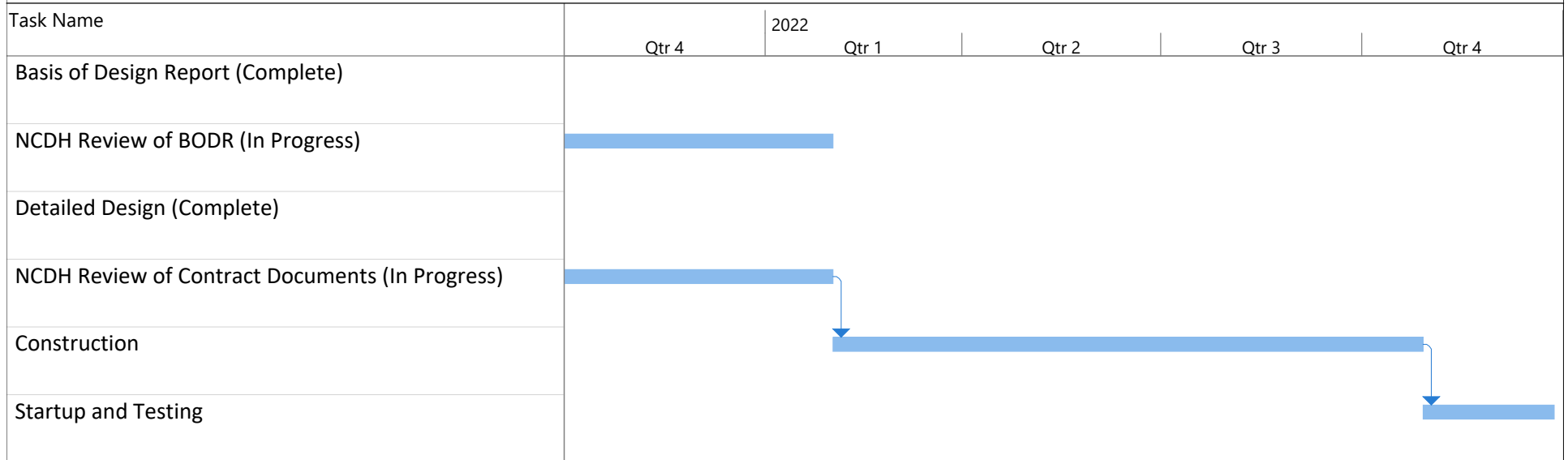
Westbury Water District  
MCL Deferral  
Quarterly Report

Wells 6 and 7A  
AOP Project Schedule



Westbury Water District  
MCL Deferral  
Quarterly Report

Well 12  
GAC Project Schedule



Westbury Water District  
MCL Deferral  
Quarterly Report

Wells 10 and 14  
AOP Project Schedule

