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)

	Date							
Well	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, <u>www.westburywaterdistrict.com</u>.

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

Pace Analytical [®]			Lab	orato	§ Type:	Sample Information: Type: Drinking Water			
		Th	e lab is not direc	tly responsible	and analytes reque or the integrity of the sansible only for the certif	ample before	•••	Raw Well Routine	
	Hollow Road, Melville, NY 11) 694-3040 FAX: (631) 420-8 <u>www.pacela</u>	3436							
Westbury Wa	ter & Fire Dist.				Lab No. : 7018	9699001			
160 Drexel Av	/e.			Client Sa	mple ID.: N-00 ⁻	101			
Nestbury, N	(11590								
Attn To : Sup	t. Ingram								
ederal 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								
Analytica	Il Method:EPA 522	Pro	ep Method:	EPA 522		Prep Dat	e: 10/07/2021 7:58 AM		
Parameter(s)	1	<u>Results</u>	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:	

ug/L

%REC

1

10/07/2021 8:57 PM

10/07/2021 8:57 PM

001 AG2R1/2

001 AG2R1/2

1

1

Qualifiers:

1,4-Dioxane (p-Dioxane)

Surr: 1,4-Dioxane-d8 (S)

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.

0.77

107%

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting U - Indicates the compound was analyzed for, but not detected U

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

Jennifer Aracri

page 1 of 10

Test results meet the requirements of NELAC unless otherwise noted.

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

Client Sample ID.: N-07785

Lab No. : 70189699002

Type: Drinking Water Origin: Raw Well Routine

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

Westbury Water & Fire Dist. 160 Drexel Ave.

Westbury, NY 11590

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)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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

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.

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.

page 2 of 10

Pace Analytical®	
Pace Analytical®	

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 Type: Drinking Water Origin: Raw Well Routine

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

Westbury Water & Fire Dist. 160 Drexel Ave.

Westbury, NY 11590

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

Lab No.: 70189699003 Client Sample ID.: N-05007

Analytical Method: EPA 522	Prep Method: EPA 522				Prep Date: 10/08/2021 8:32 AM		
Parameter(s)	Results	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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:

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.

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.

page 3 of 10

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 Type: Drinking Water Origin: Raw Well Routine

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

Westbury Water & Fire Dist. 160 Drexel Ave.

Westbury, NY 11590

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
 CLIENT
 Collected By
 CLIENT

Lab No. : 70189699005 Client Sample ID.: N-07353

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

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

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

page 5 of 10

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®

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

WorkOrder :

70189699

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 #: 10478 Primary Accrediting Body Pennsylvania Certification #: 10478 Primary Accrediting Body Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340 Virginia Certification # 460302

Client Info: Name or Code: Westburg Water Dist. Address:	Sample Request PUBLIC WATER SUP Date: 10/4/2021 Collected By: M. Collected By: Accepted By: Cooler Temp: 5-9 °C		WELL OFF LINE WELL RUN TO SYSTEM VELL RUN TO SYSTEM			
Phone #:	Sample TypesPurposPW- Potable WaterRO- RGW- GroundwaterRE- RSW- Surface WaterS- SWW- Waste WaterAQ- AqueousS- Soil- Soil- S	outine D - Distribution A esample RW - Raw Well G pecial TW - Treated Well N T - Tank F	Freatment Types AST - Air Stripper GAC - Granular Activated Charcoal N - Nitrate Removal Plant E - Iron Removal Plant O - Other			
Date/Time Collected: Type Location	Origin Treatment Purpose Cl ₂	Readings Analysis	Lab No.			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	12w 120 12w 120	1.4 Dioxan-	× 			

	Sa	imple (Conditio	on Upon Receipt					
Pace Analytical [®]	Client Name: WD				Pro PM:	JSA Du	e Date: 10/13/21		
Courier: Fed Ex UPS USPS		ercial 🖸	ace 🗍 the			ENT: WWD			
Custody Seal on Cooler/Box Present:	s 🗗 No	Seals in	tact: 🗌 Yes	Nopel			resent: Yes No		
Packing Material: Bubble Wrap	Baas 🗂	Ziploc 🦵	None 🗌 Utr	ner		Type of Ice: (Wet) E			
Thermometer Used: TH091	Correcti	on Factor	+ 0.0			Samples on ice, cooling			
Cooler Temperature(°C): 5.9	Cooler 1	emperatu	ire Correcte	ed(°C):	5.9	Date/Time 5035A kits	placed in freezer		
Temp should be above freezing to 6.0°C USDA Regulated Soil (JER/A, water sample						son examining conter	nts: KW 2014/24		
Did samples originate in a quarantine zone w	ithin the U	nited State	s: AL, AR, CA	, FL, GA, ID, L	A, MS, NC,	Did samples orignate f	rom a foreign source		
NM NV OK OP SC TN TX or VA (check man)?	Ye:	s 🗆 No				including Hawaii and P	uerto Rico)? 🛛 Yesଯ No		
If Yes to either question, fill out a Regulat	ed Soil Ch	ecklist (F-	LI-C-010) a	nd include	with SCUR/CO	C paperwork.			
						COMMENTS:			
Chain of Custody Present:	ضes	⊡No		1.					
Chain of Custody Filled Out:	QYes	□No		2.					
Chain of Custody Relinquished:	ZYes			3.					
Sampler Name & Signature on COC:	ZIYes		DN/A	4.					
Samples Arrived within Hold Time:	TYes			5.					
Short Hold Time Analysis (<72hr):	- Elfes	ZNo		6.					
Rush Turn Around Time Requested:	Tes	DNO		7.					
Sufficient Volume: (Triple volume provided fo		□No		8.					
Correct Containers Used:	ZYes			9.					
-Pace Containers Used:	ZiYes								
Containers Intact:	/CiYes			10.					
Filtered volume received for Dissolved tests			∕GN/A	11.	Note if sedim	ent is visible in the dis	solved container.		
Sample Labels match COC:				12.					
-Includes date/time/ID, Matrix: SL/WT									
All containers needing preservation have bee		⊡No	¢⊐N/A	13.	HNO3	□ H ₂ SO ₄ □ NaOH			
checked?									
pH paper Lot #							3. State 1.		
All containers needing preservation are foun	d to be			Sample #	t				
in compliance with method recommendation									
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	⊡Yes	⊡No	ψN/A						
NAOH>12 Cyanide)			18						
Exceptions: VOA, Coliform, TOC/DOC, Oil and C	Grease,						la dette dite		
DR0/8015 (water).				Initial whe	en completed:	Lot # of added	Date/Time preservative		
Per Method, VOA pH is checked after analysi			-1			preservative:	added:		
Samples checked for dechlorination:	□Yes	⊡No	DN/A	14.			2		
KI starch test strips Lot #									
Residual chlorine strips Lot #			-		Positive for Res	s. Chlorine? Y N			
SM 4500 CN samples checked for sulfide?	⊡Yes	⊡No	DN/A	15.					
Lead Acetate Strips Lot #			-		Positive for Sul	fide? Y N			
Headspace in VOA Vials (>6mm):	⊡Yes	⊡No	IDN/A	16.					
Trip Blank Present:	□Yes	⊡No	ΦN/A	17.					
Trip Blank Custody Seals Present	⊡Yes	⊡No	也N/A						
Pace Trip Blank Lot # (if applicable):			_						
Client Notification/ Resolution:				Field Data	a Required?	Y / N			
Person Contacted:					Date/Time:				
Comments/ Resolution:	-	_							
1									

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

-

ENV-FRM-MELV-0024 01



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

Client Sample ID.: N-00101

Lab No.: 70193311001

Type: Drinking Water Origin: Raw Well Routine

Westbury Water & Fire Dist.

160 Drexel Ave.

Westbury, NY 11590 Attn To : Supt. Ingram

Atti IO. 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
 CLIENT
 Collected By
 CLIENT

www.pacelabs.com

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: ug/L 1,4-Dioxane (p-Dioxane) 0.74 11/06/2021 12:17 001 AG2R1/2 1 1 Surr: 1,4-Dioxane-d8 (S) 96% %REC 11/06/2021 12:17 001 AG2R1/2 1 Analytical Method: EPA 524.2 Parameter(s) **Results** <u>Qualifier</u> <u>D.F.</u> <u>Units</u> <u>Limit</u> Analyzed: Container: 5 11/07/2021 2:49 PM 001 VG9C1/2 1,1,1,2-Tetrachloroethane <0.50 1 ug/L 5 1,1,1-Trichloroethane < 0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 <0.50 1 5 11/07/2021 2:49 PM 001 VG9C1/2 1,1,2,2-Tetrachloroethane ug/L 5 1,1,2-Trichloroethane <0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 ug/L 5 1,1,2-Trichlorotrifluoroethane <0.50 N3 11/07/2021 2:49 PM 001 VG9C1/2 1 5 001 VG9C1/2 1.1-Dichloroethane 2.1 ug/L 11/07/2021 2:49 PM 1 5 1.0 11/07/2021 2:49 PM 1.1-Dichloroethene 1 ug/L 001 VG9C1/2 5 1,1-Dichloropropene < 0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 5 1,2,3-Trichlorobenzene < 0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 5 1,2,3-Trichloropropane <0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 1,2,4-Trichlorobenzene <0.50 ug/L 5 11/07/2021 2:49 PM 001 VG9C1/2 1 1,2,4-Trimethylbenzene 5 < 0.50 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 1 5 1,2-Dichlorobenzene 11/07/2021 2:49 PM 001 VG9C1/2 < 0.50 1 ug/L 5 1,2-Dichloroethane < 0.50 1 ug/L 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 5 1,3,5-Trimethylbenzene <0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 ug/L 5 1,3-Dichlorobenzene <0.50 11/07/2021 2:49 PM 001 VG9C1/2 1 5 001 VG9C1/2 1,3-Dichloropropane < 0.50 1 ug/L 11/07/2021 2:49 PM 5 001 VG9C1/2 1,4-Dichlorobenzene < 0.50 1 ug/L 11/07/2021 2:49 PM 5 2,2-Dichloropropane < 0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 2-Chlorotoluene 5 < 0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 5 4-Chlorotoluene <0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 5 <0.50 001 VG9C1/2 Benzene 1 ug/L 11/07/2021 2:49 PM 5 Bromobenzene < 0.50 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 1 5 Bromochloromethane < 0.50 1 ug/L 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 ug/L Carbon tetrachloride <0.50 1 5 11/07/2021 2:49 PM 001 VG9C1/2 5 Chlorobenzene < 0.50 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 1 N3,v3 5 Chlorodifluoromethane < 0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 5 Chloroethane <0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 Chloroform < 0.50 1 ug/L 11/07/2021 2:49 PM 001 VG9C1/2 5 Chloromethane <0.50 1 ug/L 11/07/2021 2:49 PM 001 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.

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

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

page 1 of 30

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.



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Westbury Water & Fire Dist. 160 Drexel Ave.

TOU DIEXEI AVE.

Westbury, NY 11590 Attn To : Supt. Ingram

Atti IO. Supt. Ingran

Federal ID : 2902856 Collected : 11/03/2021

Collected : 11/03/2021 10:15 AM Point N-00101 Received : 11/03/2021 12:40 PM Location Well 6

Collected By CLIENT

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

Lab No. : 70193311001 Client Sample ID.: N-00101

Analytical Method:SM22 9223	B Colilert	Prep Method:	SM22.0	223B Colilert	Prep Date	: 11/03/2021 6:35 PM	
Surr: 4-Bromofluorobenzene (S)	92%		1	%REC		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
trans-1,3-Dichloropropene	<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
tert-Butylbenzene	<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
p-Isopropyltoluene	<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
n-Propylbenzene	<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
m&p-Xylene	<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
cis-1,2-Dichloroethene	<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
Trichlorofluoromethane	<0.50		1	ug/L	5	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
Total Trihalomethanes (Calc.)	< 0.50		1	ug/L	80	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
Tetrachloroethene	0.87		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
Methylene Chloride	<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
Isopropylbenzene (Cumene)	<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
Ethylbenzene	< 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
Dibromomethane	< 0.50		1	ug/L	5	11/07/2021 2:49 PM	001 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L		11/07/2021 2:49 PM	001 VG9C1/2

Analytical Method:SM22	Analytical Method:SM22 9223B Colilert		Prep Method: SM22 9223B Colilert			Prep Date: 11/03/2021 6:35 PM		
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:	
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.

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

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

page 2 of 30

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.



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 Type: Drinking Water Origin: Raw Well Routine

TEL: (631) 694-3040 FAX: (631) 420-8436 www.pacelabs.com

575 Broad Hollow Road, Melville, NY 11747

Westbury Water & Fire Dist. 160 Drexel Ave.

Westbury, NY 11590 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

Lab No. : 70193311002 Client Sample ID.: N-07785

Analytical Method: EPA 522		Prep Method:	EPA 522		Prep Dat	e: 11/05/2021 2:04 PM	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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	2						
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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:

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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See qualifiers page for additional qualifier definitions.

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

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

page 3 of 30

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.



www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave.

Westbury, NY 11590 Attn To : Supt. Ingram

Federal ID · 2002856

Federal ID.	2902636		
Collected :	11/03/2021 10:25 AM	Point	N-07785
Received :	11/03/2021 12:40 PM	Location	Well 7A
Collected By	CLIENT		

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

Lab No. : 70193311002 Client Sample ID.: N-07785

Analytical Method: SM22 9223	P Colilort	Pren Method:	SM22.0	223B Colilert	Prep Date	: 11/03/2021 6·35 PM	
Surr: 4-Bromofluorobenzene (S)	92%		1	%REC		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
trans-1,3-Dichloropropene	<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
tert-Butylbenzene	<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
p-Isopropyltoluene	<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
n-Propylbenzene	<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
m&p-Xylene	<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
cis-1,2-Dichloroethene	<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
Trichlorofluoromethane	<0.50		1	ug/L	5	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
Total Trihalomethanes (Calc.)	<0.50		1	ug/L	80	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
Tetrachloroethene	0.62		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
Methylene Chloride	<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
Isopropylbenzene (Cumene)	<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
Ethylbenzene	<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
Dibromomethane	<0.50		1	ug/L	5	11/07/2021 3:15 PM	002 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L		11/07/2021 3:15 PM	002 VG9C1/2

Analytical Method:SM22 9223B Colilert		Prep Method:	SM22 92	23B Colilert	Prep Date: 11/03/2021 6:35 PM			
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:	
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	

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.

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

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

page 4 of 30

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise 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

Client Sample ID.: N-05007

Lab No. : 70193311007

Type: Drinking Water Origin: Raw Well Routine

www.pacelabs.com Westbury Water & Fire Dist.

160 Drexel Ave.

Westbury, NY 11590

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
 CLIENT
 Collected By
 CLIENT

Analytical Method:EPA 522		Prep Method:	EDA 500		Prep Date: 11/10/2021 8:12 AM			
	Results		D.F.	Units	•		Containar	
Parameter(s)		<u>Qualifier</u>			<u>Limit</u>	<u>Analyzed:</u>	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)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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	č	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:

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

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting

limit.Estimated value - below calibration range

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

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

page 11 of 30

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.



www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave.

Westbury, NY 11590

Attn To : Supt. Ingram

2902856 Federal ID : Collected : 11/03/2021 08:20 AM

Received : 11/03/2021 12·40 PM Location Well 10

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

N-05007

Point

Routine

Lab No.: 70193311007 Client Sample ID.: N-05007

Received : 11/03/2021 12:40	PM Location	Well 10					
Collected By CLIENT							
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

Analytical Method:SM22 9223B Colilert		Prep Method:	SM22 92	23B Colilert	Prep Date: 11/03/2021 6:35 PM			
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:	
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.

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

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

page 12 of 30

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.



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

Client Sample ID.: N-07353

Lab No.: 70193311008

Type: Drinking Water Origin: Raw Well Routine

www.pacelabs.com Westbury Water & Fire Dist.

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

160 Drexel Ave.

Westbury, NY 11590

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
 Client
 Collected By
 Client

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	: 11/10/2021 8:12 AM	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
I,1,1-Trichloroethane	0.92		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,1,2-Trichloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,1-Dichloroethane	5.1*		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,1-Dichloroethene	1.9		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,1-Dichloropropene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,2,3-Trichloropropane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,2-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,2-Dichloroethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,2-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,3-Dichlorobenzene	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,3-Dichloropropane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
,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
I-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.

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

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

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.



www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave.

Westbury, NY 11590 Attn To : Supt. Ingram

Federal ID : 2902856

Federal ID.	2902030		
Collected :	11/03/2021 08:40 AM	Point	N-07353
Received :	11/03/2021 12:40 PM	Location	Well 14
Collected By	CLIENT		

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

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

Analytical Method:SM22 922	3B Colilert	Prep Method:	SM22 9	9223B Colilert	Prep Dat	te: 11/03/2021 6:35 PM	
Surr: 4-Bromofluorobenzene (S)	94%		1	%REC		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
trans-1,3-Dichloropropene	<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
tert-Butylbenzene	<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
p-Isopropyltoluene	<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
n-Propylbenzene	<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
m&p-Xylene	<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
cis-1,2-Dichloroethene	<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
Trichlorofluoromethane	<0.50		1	ug/L	5	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
Total Trihalomethanes (Calc.)	<0.50		1	ug/L	80	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
Tetrachloroethene	0.58		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
Methylene Chloride	<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
Isopropylbenzene (Cumene)	<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
Ethylbenzene	<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
Dibromomethane	<0.50		1	ug/L	5	11/07/2021 4:58 PM	008 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L		11/07/2021 4:58 PM	008 VG9C1/2

Analytical Method:SM22 9223B Colilert		Prep Method:	SM22 92	23B Colilert	Prep Date: 11/03/2021 6:35 PM			
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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:

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.

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

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

page 14 of 30

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®

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

WorkOrder :

70193311

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®

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

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#:7019331	PU		uest Form R SUPPLIER		
<u>Client Info</u> : Name or Code: <u>Westbury</u> Water T Address:	Accept	tod But 12	<u>C</u> <u>PACE</u> <u>W ∘C</u> <u>12:40</u> <u>W ∘C</u> <u>11 3 7</u>	U WELL RUN TO SYSTE	
Phone #:	PW - F GW - C SW - S WW - V AQ - A	le Types Potable Water Groundwater Surface Water Naste Water Aqueous Soil	Purpose RO - Routine RE - Resample S - Special	TW - Treated Well N - Nitra	tripper ular Activated Charcoal te Removal Plant Removal Plant
Date/Time Sample Location	n Orlgin	Treatment Type Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
$\frac{1000}{1000} = \frac{1000}{1000} = \frac{1000}{1000} = \frac{10000}{10000} = \frac{10000}{10000} = 1000000000000000000000000000000000000$		RO		1.4 Diogane / tol Mic	
1 3 21 m GW Well- 70	RW RW	20		1.4 Dioxane / Poc/mic	
11/3/210 m Pw Wells 6/70 BI		RO	, 80	1.4 Dioxone	
11/3/2 An GW N-02/00		20			
11/3/21 AM GW N-02600 11/3/21 AM GW N-02600 11/3/21 GW Well-16	2 80	RU RO		1.4 Dioxane/Poe/puic 1.4 Dioxane/Poe/puic	
11/3/21 An GW N-02600 11/3/21 An GW N-02600 11/3/21 GW N-05497 11/3/21 An PW Wells 9/16 B	z RW		1,20	1.4 Dioxune/Poelmic	
$\frac{11 3 a_1}{11 3 a_1} \xrightarrow{A_1}{A_1} GW \qquad \frac{Well-9}{N-02600}$ $\frac{11 3 a_1}{920} \xrightarrow{QW}{A_1} GW \qquad \frac{Well-16}{N-08497}$ $\frac{11 3 a_1}{920} \xrightarrow{A_1}{PW} Wells 9/16 B$	2 Kus n Rw hended D	RO	1,20	1.4 Dioxane/Poe/mic 1.4 Dioxane/Poe/mic 1.4 Dioxane	
$\frac{11 3 a_1}{11 3 a_1} \xrightarrow{A_1}{A_1} GW \qquad \frac{Well-9}{N-02600}$ $\frac{11 3 a_1}{920} \xrightarrow{Q_2}{GW} \frac{Well-16}{N-08497}$ $\frac{11 3 a_1}{820} \xrightarrow{A_1}{PW} Wells 9/16 B$	2 RW hended D 2 RW 3 RW	20	1,20	1.4 Dioxane/Poe/mic 1.4 Dioxane/Poe/mic	
11/3/21 An GW N-02600 11/3/21 An GW N-02600 11/3/21 An PW Wells 9/16 B 11/3/21 An PW Wells 9/16 B 11/3/21 An GW N-0500 11/3/21 An GW N-07355 11/3/21 An GW Wells 10/14 B	2 RW hended D 2 RW 3 RW	20 20 20	1,20	1.4 Dioxane/Poe/mic 1.4 Dioxane/Poe/mic 1.4 Dioxane 1.4 Dioxane 1.4 Dioxane	
11/3/21 An GW N-02600 11/3/21 An GW N-02600 11/3/21 An PW Wells 9/16 B 11/3/21 An PW Wells 9/16 B 11/3/21 An GW N-0500 11/3/21 An GW Well-10 11/3/21 An GW N-07357	2 Kus 2 RW hended D 2 RW 3 IZW stended D 4 RW 1 ZW 1 ZW 1 ZW	20 20 20 20 20 20 20		1.4 DIOXUNE/POE/MIC 1.4 DIOXUNE/POE/MIC 1.4 DIOXUNE/POE/MIC 1.4 DIOXUNE/POC/MIC 1.4 DIOXUNE/POC/MIC	

Client Info: Name or Code: Westbury Water Dist.			Collec	Date:	WATE 11-3 Mila Bi		A)	WELL OFF LINE		
Phone #: Attn: Proj. # or (Name):_ Bill To:			PW - 1 GW - 0 SW - 3 WW - 1	le Type Potable W Groundwa Surface W Waste Wa Aqueous Soil	/ater ater /ater	Purpose RO - Rou RE - Res S - Spe	itine ample	D-DistributionAST - AiRW -Raw WellGAC - GiTW -Treated WellN - Ni	ent Types r Stripper ranular Activated Charcoal itrate Removal Plant on Removal Plant ther	
Date/Time	Sample	Location	Origin	Treatment Type	Purpose	Field F	leadings pH/Temp	Analysis	Lab No.	
Collected:	Туре GW	well-15	RW	туре	RO			1.4 Dioxane/Pol/Mile		
11-3-2021 113/21 1100		N-08007 Well-17	RW		RO			The Diopart Toophic		
1113	1	N-10451 Well-18	RW		RO					
11/3/21 An	GW	M-13192	-	·						
	10-				1					
,										
Remarks:										

	Sa	imple (Conditio	on Upon Recei	ipt	0011
Pace Analytical*		-	C	Project	WO#:701	93311
/ abor mary croat	Client Na			Project		ue Date: 11/12/21
	Nes	stown	<u>1 </u>	<u>}</u>		
Courier: Fed Ex UPS USPS Client	Lomme	rcial 🖵		51	CLIENT: WWD	
Tracking #:		Coolo in		S NO MA		
Custody Seal on Cooler/Box Present: Ye Packing Material: Bubble Wrap Bubble			/		Type of Ice: Wet B	
Thermometer Used: THOULD THING		on Factor:		1	Samples on ice, cooling	
Cooler Temperature(°C):			re Correct		Date/Time 5035A kits	
Temp should be above freezing to 6.0°C		emperatu	10 0011000			
USDA Regulated Soil (M/A, water sample)	ı			Nate and Initials of	person examining conten	to RC ULZER
5						V C
Did samples originate in a quarantine zone wi			S: AL, AR, LA	, FL, GA, ID, LA, MS, NU,	Did samples orignate fi	uerto Rico)? 🛛 Yes🖾 No
NM, NY, OK, OR, SC, TN, TX, or VA (check map)?			11 0 010) -	nd include with COUR		
If Yes to either question, fill out a Regulate		ecklist (F-	LI-C-UIUJ a		COMMENTS:	
Chain of Custody Present:	Elfes	DNo		1	COMPLETO,	
Chain of Custody Filled Out:	Dies			2		
Chain of Custody Relinquished:	Gres			3.		
Sampler Name & Signature on COC:	Dives		DN/A	4.		
Samples Arrived within Hold Time:	ElVes			5.		
Short Hold Time Analysis (<72hr):	eres			6.		
Rush Turn Around Time Requested:	DYes	GNO		7		
Sufficient Volume: (Triple volume provided for				8.		
Correct Containers Used:	WYes/			9.		
Pace Containers Used:	Tres					
Containers Intact:	EYes		/	10.		
Filtered volume received for Dissolved tests	⊡Yeş∕		DAN/A	11. Note if se	ediment is visible in the diss	olved container.
Sample Labels match COC:	Types	⊡No		12.		
-Includes date/time/ID, Matrix: SL(WT)	1		/			
All containers needing preservation have been		□No	©Ń/A	13. □ HNO ₃	□ H₂SO₄ □ NaOH	I HCI
checked?						
pH paper Lot #						
All containers needing preservation are found			/	Sample #		
in compliance with method recommendation						· · · · · · · · · · · · · · · · · · ·
(HNO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide,	⊡Yes	⊡No	⊡ N ∕A			
NAOH>12 Cyanide)						*
Exceptions: VOA, Coliform, TOC/DOC, Oil and G DRO/8015 (water).	rease,			Initial when complete	ed: Lot # of added	Date/Time preservative
Per Method, VOA pH is checked after analysis			-	initial when complete	preservative:	added:
Samples checked for dechlorination:	⊡Yes	⊡No	ION/A	14.	provirtuate	
KI starch test strips Lot #			Q. I.I.I.			
Residual chlorine strips Lot #			/	Positive for	Res. Chlorine? Y N	
SM 4500 CN samples checked for sulfide?	⊡Yes	⊡No	DN/A	15.		
Lead Acetate Strips Lot #		1		Positive for	- Sulfide? Y N	
Headspace in VOA Vials (>6mm):	⊡Yes	19No	⊡N/A	16.		
Trip Blank Present:	⊡Yes	GINO	ON/A	17.		
Trip Blank Custody Seals Present	⊡Yes	⊡No	⊠N/A			
Pace Trip Blank Lot # (if applicable):						
Client Notification/ Resolution:				Field Data Required?	Y / N	
Person Contacted:				Date/Tim	18:	
Comments/ Resolution:						
·····						

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

ENV-FRM-MELV-0024 01

575 Broad	Analytical [®] Hollow Road, Melville, NY 11' 694-3040 FAX: (631) 420-8	747	Results fo e lab is not direc	r the samples	ry Results and analytes request for the integrity of the sam nsible only for the certified	ple before	Type:	ample Information: Drinking Water Raw Well Routine
	www.pacela	bs.com						
Westbury Wat	er & Fire Dist.				Lab No. : 701967	763001		
160 Drexel Av	e.			Client Sa	mple ID.: N-0500)7		
Westbury, NY	11590							
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							
	nents: e received on the same ss has begun.	day of colled	ction on ice	and are a	bove 6 degrees (Celcius. Samples	were placed on i	ce by the lab and the
Analytical	Method:EPA 522	Pr	ep Method:	EPA 522		Prep Date: 1	2/07/2021 9:17 AM	
Parameter(s)		Results	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:

ug/L

%REC

1

1

Qualifiers:

1,4-Dioxane (p-Dioxane)

Surr: 1,4-Dioxane-d8 (S)

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.

0.63

97%

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting U - Indicates the compound was analyzed for, but not detected U

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

12/07/2021 10:30

12/07/2021 10:30

1

001 AG2R1/2

001 AG2R1/2

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.

page 1 of 8

Pace Analytical®	

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 Type: Drinking Water Origin: Raw Well Routine

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

Westbury Water & Fire Dist. 160 Drexel Ave.

Westbury, NY 11590

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

Lab No.: 70196763003

Client Sample ID.: N-07353

Analytical Method: EPA 522	Prep Method: EPA 522				Prep Date: 12/07/2021 9:17 AM				
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	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

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

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

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.

page 3 of 8

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WorkOrder :

70196763

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 #: 10478 Primary Accrediting Body Pennsylvania Certification #: 10478 Primary Accrediting Body Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340 Virginia Certification # 460302

١	70196763)estbu	196763 14 Water D.st.	PU Collec Accep	Date: _	WATE		N N	□ WELL OF □ WELL RU : ඊළු	IN TO SYS	TEM PRESERVED WITH HC
F A F E C	hone #: .ttn: !roj. # or (Name):_ iill To:			PW - GW - SW - WW -	le Type Potable W Groundwa Surface W Waste Wa Aqueous Soil	'ater Iter 'ater	Purpose RO - Rou RE - Res S - Spe	tine ample	OriginD- DistributionRW- Raw WellTW- Treated WellT- TankMW- Monitoring WellI- InfluentE- Effluent	AST - Air GAC - Gr N - Nit	anular Activated Charcoal trate Removal Plant n Removal Plant
page 7 of 8	Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field R Cl ₂	eadings pH/Temp	Analysis		Lab No.
∩f 9	18-6-2021 12/6/21 Am 12/6/21 Am 12/6/20 AT 12/6/21 Am	6W 6W 6W 6W 6W	W-e11-6 M-00101 We11-7 N-07785 We11-10 N-05007 We11-11 N-05654 We11-14 N-07353 We11-16 N-08497	2w RW (ZW RW J2w RW		RO RO 120 120 120 120 RO 120 120 120 120 120 120 120 120			1.4 Dioxan		
	Remarks:		Wells 6/	70	FF	2 L	-INE	2			

	Sa	ample	Conditio	on Upon Rec		6763
Pace Analytical"	Client N	ame		Proje	PM: JSA Due	Date: 12/15/21
/		West	hur -	N.D.	Ellis Addi	
Courier: Fed Ex UPS USPS		ercial 🗌	Pace Dthe	er	CLIENT: WWD	
Tracking #:	1.00					
Custody Seal on Cooler/Box Present: Ye	s No	Seals in	ntact: 🗆 Ye	SZ NO DN/A	Temperature Blank Pl	resent: Ves No
Packing Material: Bubble Wrap Bubble	Bags				Type of Ice: Wet B	lue None 🧹 .
Thermometer Used: -TH091- TH176		ion Factor			Samples on ice, cooling	process has begun
Cooler Temperature(°C): 17.1			re Correct	ed(°C): 7.7	Date/Time 5035A kits	
Temp should be above freezing to 6.0°C	-	·		1 4:6		
USDA Regulated Soil (\Box N/A, water sample)	1			Date and Initials	of person examining conten	ts: MN 12/64
Did samples originate in a quarantine zone wi		nitod State	AT AR CA			
			53. AL, AN, OP			Jerto Rico)? Ves X No
NM, NY, OK, OR, SC, TN, TX, or VA (check map)? If Yes to either question, fill out a Regulate			11.0.0101 a	nd include with SC		
If Yes to either question, fill out a Regulate		ECKIIST (P			COMMENTS:	
Chain of Custody Present:	ZYes	⊡No		1	oor mento.	
Chain of Custody Filed Out:	ZYes			2.		
Chain of Custody Relinquished:	ZYes			3.		
Sampler Name & Signature on COC:	Dives		DN/A	4.	······································	
Samples Arrived within Hold Time:	ElYes		Шіўл	5.		
Short Hold Time Analysis (<72hr):	Effest			6.		
Rush Turn Around Time Requested:	⊡Yes	⊿No		7.		
Sufficient Volume: (Triple volume provided for				8.		
Correct Containers Used:	Ves			9.	•	
-Pace Containers Used:	Tayes			0.		
Containers Intact:	Ales			10.		
Filtered volume received for Dissolved tests	Elles		DN/A		sediment is visible in the diss	olved container.
Sample Labels match COC:	TYes			12.		
-Includes date/time/ID/ Matrix: SL(WT)	Contraction of the second s					
All containers needing preservation have bee		⊡No	⊡N/A	13. 🗆 HNO	3 □ H ₂ SO ₄ □ NaOH	
checked?	1.00	<u> </u>	2.0,71		5	
pH paper Lot # flc leo34-7						
pH paper Lot # flc leo347 All containers needing preservation are found	to be			Sample #		×
in compliance with method recommendation						
(HNO3, H2SO4, HCI, NaOH>9 Sulfide,	Yes	⊡No	⊡N/A			16
NAOH>12 Cyanide)	(15
Exceptions: VOA, Coliform, TOC/DOC, Oil and G	rease,					
DR0/8015 (water).				Initial when compl		Date/Time preservative
Per Method, VOA pH is checked after analysis				2	preservative:	added:
Samples checked for dechlorination:	⊡Yes	DNo	DN/A	14.		
KI starch test strips Lot #						
Residual chlorine strips Lot #					for Res. Chlorine? Y N	
SM 4500 CN samples checked for sulfide?	⊡Yes	⊡No	⊡N/A	15.		
Lead Acetate Strips Lot #					for Sulfide? Y N	
Headspace in VOA Vials (>6mm):	⊡Yes	□No	DN/A	16.		14
Trip Blank Present:	⊡Yes	□No	DN/A	17.		
Trip Blank Custody Seals Present	⊡Yes	⊡No	₽N/A	2		
Pace Trip Blank Lot # (if applicable):		à.				
Client Notification/ Resolution:				Field Data Require		
Person Contacted:				Date/1	lime:	
Comments/ Resolution:						

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

ENV-FRM-MELV-0024 01

ATTACHMENT A

Project Schedules Associated with MCL Deferral

Westbury Water District MCL Deferral Quarterly Report	Wells 6 and 7A AOP Project Schedule
Task Name	2022 2023 Qtr 4 Qtr 1 Qtr 2 Qtr 3 Qtr 4 Qtr 1 Qtr 2 Qtr 3
Pilot Test (Complete)	
Basis of Design Report (Complete)	
NCDH Review of BODR (In Progress)	
Detailed Design (Complete)	
NCDH Review of Contract Documents (In Progress)	
Construction	
Startup and Testing	

Westbury Water District MCL Deferral Quarterly Report	GAC	Well 12 Project So							
Task Name	Qtr 4	2022	Qtr 1		Qtr 2		Qtr 3		Qtr 4
Basis of Design Report (Complete)	<u> </u>	I	Quii	I		I	Quis	I	Qti 4
NCDH Review of BODR (In Progress)			•						
Detailed Design (Complete)									
NCDH Review of Contract Documents (In Progress)									
Construction			•						
Startup and Testing									•

Westbury Water District MCL Deferral Quarterly Report	Wells 10 and 14 AOP Project Schedule
ask Name	2022 2023 Qtr 4 Qtr 1 Qtr 2 Qtr 3 Qtr 4 Qtr 1 Qtr 2 Qtr 4
Pilot Test (Complete)	
Basis of Design Report (Complete)	
NCDH Review of BODR (Complete)	
Detailed Design (In Progress)	
NCDH Review of Contract Documents	
Construction	
Startup and Testing	