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

Introduction

On behalf of the Westbury Water District (WWD or District), D&B Engineers and Architects (D&B) has prepared this document in accordance with the requirements of the New York State Department of Health (NYSDOH) for public water suppliers who have been granted deferrals from Maximum Contaminant Level (MCL) violations for 1,4-Dioxane, Perfluorooctanoic Acid (PFOA), and/or Perfluorooctanesulfonic Acid (PFOS). The District was granted an MCL deferral for 1,4-Dioxane, PFOA, and PFOS in 2020. The WWD was granted a deferral because it has been proactive in its efforts to establish and implement an action plan for managing the above-referenced compounds.

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

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

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

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

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

Corrective Action Plan Milestones

Drexel Avenue Station – Wells 6 and 7A

The Drexel Ave Station (Wells 6 and 7A) Advanced Oxidation Process (AOP) project has received regulatory approval from both the Nassau County Department of Health (NCDH) and NYSDOH. Regulatory review began with the submission of the engineering report to the NCDH and NYSDOH for review in the first quarter of 2021. Detailed design documents for the facility were submitted to the NCDH and NYSDOH for review in the third quarter of 2021. The engineering report and detailed design documents were approved by the NCDH and NYSDOH in the third quarter of 2022. It should be noted that the overall regulatory review and approval process took longer than initially anticipated.

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

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

State Street Station - Well 12

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

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

Wells 10 and 14 Station

The development of a revised Basis of Design Report (BODR) and the detailed design documents is underway. Recent elevated organic detections in the raw wells have required revisions to the

project design documents. At this time, it is anticipated that this project will be bid at the end of 2023.

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

Public Notification

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

Analytical Sampling

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

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

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

Conclusion

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

Should you have any questions, please contact the District at 516-333-0427 or visit the website, www.westburywaterdistrict.com.

Very truly yours,

Board of Commissioners Westbury Water District

Enclosures

- cc: K. Wheeler (NYSDOH)

 - B. Rogers (NYSDOH) W. Provoncha (NCDH)
 - P. Young (NCDH)
 - R. Putnam (NCDH)
 - J. Ingram (WWD)
 - B. Merklin (D&B)
 - P. Sachs (D&B)
 - L. Ortiz (D&B)
 - P. Connell (D&B)

ATTACHMENT A

Project Schedules Associated with MCL Deferral

Westbury Water District MCL Deferral Quarterly Report - Q2 2023		Δ		and 7A ct Schedule	è						
ask Name	2022 Qtr 1	Qtr 2	Qtr 3	Qtr 4	2023 Qtr 1	Qtr 2	Qtr 3	Qtr 4	2024 Qtr 1	Qtr 2	Qtr 3
Regulatory Review (Complete)	Qti 1	Qti 2	Qu 3	Qu 4	<u>Qui</u>	Qti Z	Qti 3	Qu 4	- Qui	Qu Z	Qti 3
Bidding and Construction (In Progress)		-									
Startup and Testing										_	





ATTACHMENT B

Water Quality Data



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

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

www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590 Attn To: Supt. Ingram

Lab No.: 70251360001 Client Sample ID.: N-00101

Federal ID: 2902856 Collected:

N-00101 04/03/2023 07:05 AM **Point** 04/03/2023 11:10 AM Location Well 6

Collected By CLIENT

Received:

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date:	04/04/2023 12:19	
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	04/05/2023 2:03 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		04/05/2023 2:03 PM	001 AG2R1/2

Qualifiers:

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

ND - Not Detected at or above adjusted reporting limit.

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

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

Test results meet the requirements of NELAC

unless otherwise noted.



Pace

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

Sample Information:

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856 Lab No. : 70251360002 Client Sample ID.: N-07785

Collected: 04/03/2023 07:15 AM Point N-07785
Received: 04/03/2023 11:10 AM Location Well 7A

Collected By CLIENT

Analytical Method: EPA 522	1	Prep Method:	EPA 522		Prep Date:	04/04/2023 12:19	
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)	0.99		1	ug/L	1	04/05/2023 2:36 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		04/05/2023 2:36 PM	002 AG2R1/2

Qualifiers:

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.



575 Broad Hollow Road, Melville, NY 11747

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

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 Attn To: Supt. Ingram

Lab No.: 70251360003 Client Sample ID.: N-05007

Federal ID: 2902856

Collected:

Received:

04/03/2023 08:45 AM Point N-05007 04/03/2023 11:10 AM Location Well 10

www.pacelabs.com

Collected By CLIENT

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

Qualifiers:

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

Test results meet the requirements of NELAC unless otherwise noted.



575 Broad Hollow Road, Melville, NY 11747

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

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

www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590

Lab No.: 70251360005 Client Sample ID.: N-07353

Attn To: Supt. Ingram Federal ID: 2902856

Collected: 04/03/2023 08:55 AM Point N-07353 Received: 04/03/2023 11:10 AM Location Well 14

Collected By CLIENT

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

Qualifiers:

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

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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Test results meet the requirements of NELAC unless otherwise noted.



WorkOrder:

70251360

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302

Date Reported: 04/07/2023 page 8 of 12



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SW - Surface Water	S - Special	F 1
WW - Waste Water		⊢ ≥
AQ - Aqueous		≥ _
S - Soil		- Ш

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☐ WELL RUN TO SYSTEM

☐ WELL OFF LINE

GAC - Granular Activated Charcoal - Nitrate Removal Plant **Treatment Types** AST - Air Stripper . - Tank 1W - Monitoring Well W - Treated Well - Distribution W - Raw Well

- Iron Removal Plant - Other z ll o

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CGST	40mL Na Thio amber	2	
JG9A	40mL Ascorbic acid	2	
Yea C	Citrate/Na Thiosulfate	2	
DGGT	Na Thiosulfate 60mL vial	-	
AG3U	250mL unpres amber		
AG3T	Na Thiosulfate 250mL		
BP1B	Na Thiosulfate Amber		

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Additional Comments

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元本、 和 (Project Manager) review is documented electronically in LIM6



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

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www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856

Lab No.: 70254752001 Client Sample ID.: N-00101

Collected: 05/01/2023 10:15 AM **Point** N-00101 05/01/2023 01:41 PM Received: Location Well 6

Collected By CLIENT

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

Qualifiers:

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

Test results meet the requirements of NELAC

unless otherwise noted.



Pace

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.: 70254752002

Type: Drinking Water
Origin: Raw Well
Routine

Sample Information:

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

www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856 Client Sample ID.: N-07785

Collected: 05/01/2023 10:25 AM Point N-07785
Received: 05/01/2023 01:41 PM Location Well 7A

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date:	05/03/2023 9:05 AM	
Parameter(s)	Results	<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	05/03/2023 6:58 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		05/03/2023 6:58 PM	002 AG2R1/2

Qualifiers:

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

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

Test results meet the requirements of NELAC

unless otherwise noted.



Pace

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

Sample Information:

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856 Lab No. : 70254752004 Client Sample ID.: N-05007

Federal ID: 2902856 Collected: 05/01/2023 09:40 AM Point

05/01/2023 09:40 AM Point N-05007 05/01/2023 01:41 PM Location Well 10

Collected By CLIENT

Received:

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

Qualifiers:

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

ND - Not Detected at or above adjusted reporting limit.

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

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

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.



WorkOrder:

70254752

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302

Date Reported: 05/04/2023 page 11 of 15

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#OM	7025475

11747 (031) 074-3040 FAX: (031) 420-8436

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Name or Code: Wettox/Walen J. ST Address:

Phone #:	Attn:	Proj. # or (Name):	Bill To:	Conjes To:	

Sample Request Form PUBLIC WATER SUPPLIER

5/1/23

Collected By: Mc Ralburan Date: Accepted By: Cooler Temp:

□ WELL RUN TO SYSTEM

☐ WELL OFF LINE

Accepted By: Manual Control of	ue conten	70	
Cooler Temp: 3.4 °C (1)	13:41 (C)		☐ YES ☐ NO VOC'S PRESERVED WITH HC
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

AQ - Aqueous S - Soil

Sample Info:									-
	Sample	Location	on	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
21015 P	SW	Wen # 6	-	R		80		1.4 DioxAre	
20/26/12	GW	Well # 7A	6.5	Z		S		1.4 Dioxa-2	
3/1/23	(1110)	well #9	7.0	Z		40		1.4 DOXALE	
Stolas 940	デジ	Dell # 10	707	3		&		1.4 DioxAnd	
4 Pag 83		Well #11 05654	459	₹ \$		80		1.4 DioxAMR	
A.W.		Well # 12	50.9	A.		RO		1.4 Diexas	
		(1) th 11 am	7353	RIM		B		1.4 Dioxas	
Chibo Tato	Me)	Well 15	15 08007	RE		Ro		1.4 Dioxas	
S 50	700	well le	10t8Q -	R		80		1.400xA-2	
1 22 PS	3	Wen 9816 B	\$ 16 BRACE of	0		8	1,23 8.00	/ (
8.5	3	Well #17 /	0451	RW		Ro		1.40:04 J	
Remarks:	We	1 4 13	JAN .	1 5	NA.	15	R 0,05,		٠

☐ WELL RUN TO SYSTEM ☐ WELL OFF LINE arcto () MW - Monitoring Well TW - Treated Well T - Tank D - Distribution RW - Raw Well - Influent Effluent Sample Request Form PUBLIC WATER SUPPLIER Field Readings Cl₂ pH/Temp RO - Routine RE - Resample S - Special Collected By: Mr Kal Swam Purpose 13:411 Date: 5/1/23 Purpose Cooler Temp: 3.4 1/23 SW - Surface Water PW - Potable Water GW - Groundwater WW - Waste Water Sample Types Treatment lype AQ - Aqueous S - Soil Accepted By: __ Origin (631) 694-3040 Fax: (631) 420-8436 Client Info: Wathow Water Dist Location Due Date: 05/10/23 Wer #18 WO#: 70254752 MS PER GW Sample Type Proj. # or (Name): Sample Info: Date/Tim Coller. CLIENT: WWD Copies To: Remarks: Address: Phone #: Bill To:

☐ NO VOC'S PRESERVED WITH HCI

GAC - Granular Activated Charcoal

Treatment Types AST - Air Stripper N - Nitrate Removal PlantFE - Iron Removal PlantO - Other

Lab No.

Analysis

	Sa	imple (Conditio	on Upor	n Recei	LIO#:70	254752
Pace Analytical	Client N	ame.			Project	MOTITO	LUTIUL
/ / 400, 414.9 1.04.	Ollotte tt		Ų.		,	PM: JSA	Due Date: 05/10/
		JWL	ace Dthe	or .		CLIENT: WWD	
Courier: Fed Ex UPS USPS Client	[]_otume	ar Clair	ace Unit	-1	li Table		
Tracking #:	-	Caple in	tact: \(\square\) Ye	No IZ	NIA	Lemperature Bl	ank Present: LiyesLi No
Custody Seal on Cooler/Box Present: 🗆 Yes	s Thuo				WA	Type of Ice: W	_
Packing Material: Bubble Wrap Bubble	Rags □	Zipioc 🔽	korie Doc	3			ooling process has begun
Thermometer Used: THO: THUS	Correcti	on Factor	: <u>-0</u>	· 2	e		kits placed in freezer
Cooler Temperature(°C): 3,4	_Cooler I	emperatu	re Correct	eaf ch: 2	>:	nare/ unite 2022/	KILS placed III ITOGEOI
Temp should be above freezing to 6.0°C				· · ·			1 .00 5/21
USDA Regulated Soil (🗀N/A, water sample)			383				ontents: Nufc 5/21
Did samples originate in a quarantine zone wi	thin the U	nited State	s: AL, AR, CA	, FL, GA, ID,	LA, MS, NC,	Did samples origi	ate from a foreign source
NM NA UK UD OU IN IA OCAN (chock would	Yes	: LJNn				including. Hawaii a	and Puerto Rico)? 🛮 Yes 🗆 N
If Yes to either question, fill out a Regulate	d Soil Ch	ecklist (F-	LI-C-010) a	nd include	with SCUR	/COC paperwork	
in tos to otator question, in out a regularis						COMMENT	S:
Chain of Custody Present:	D Yes	□No		I.			
Chain of Custody Filled Out:	DYes	□No		-2.			
Chain of Custody Relinquished:	□Yes	□No -		3.		100	
	□Yes.	No	□N/A	4.			
Sampler Name & Signature on COC:	□Yes	□No	Lacy	5.			
Samples Arrived within Hold Time:		□KO ·		6.			
Short Hold Time Analysis (<72hr):	Yes	-EINO		7.			
Rush Turn Around Time Requested:				8.			V.
Sufficient Volume: (Triple volume provided for	ILAYes	□No		9.			
Correct Containers Used:	PYes			5.			945
-Pace Containers Used:	Diyes	□Ne		10.			:
Containers Intact:	□Yes	□No	, ENTA	11.	Note if co	diment is visible in the	discolved container
Filtered volume received for Dissolved tests	□Yes	- □No	MN/A	12.	Note it se	OUTHERIC IS AISIDIE III CIE	AISSOIVED COLLECTION
Sample Labels match COC:	⊠Yes	□No -			. 1		Entirement :
Includes date/time/ID, Matrix Str Will)[[The could be	13.	☐ HNO ₃	□H _z SO ₄ □N	али онст
All containers needing preservation have been	1 □Yes	□No	DN/A	13.	LIMO3	1112304 1116	1011
checked?	-		÷.				
pH paper Lot #	l to bo			Sample #	ŧ		
All containers needing preservation are found							194
in compliance with method recommendations	: □Yes	□No -	ØN/A	1			
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	LIES		City				
NAOH>12 Cyanide)			*			-	(*)
Exceptions: VOA, Coliform, TOC/DOC, Oil and G	teaze*			Initial whe	en comolete	d: Lot # of added	Date/Tirne preservative
DRO/8015 (water).			. /	I add with		preservative:	added:
Per Method, VOA pH is checked after analysis		□No	ØN/A	14.		Income to the	
Samples checked for dechlorination:	□Yes		EMIN	310150			
KI starch test strips Lot #.	f 20			1	: Docitive for	Res. Chlorine? Y N	
Residual chlorine strips Lot #	-14	cille.	фи/а -	15.	I USILIVO TOL	NCS. OHOHRO: 1 N	
SM 4500 CN samples checked for sulfide?	□Yes	□No	TWA:	(10000)	Positive for	Sulfide? Y N	
Lead Acetate Strips Lot #			IN/A	16.	r usitive ioi	Juliue: I II	
Headspace in VOA Vials (>6mm):	□Yes	□No	DN/A	17.			
Trip Blank Present	□Yes	□No	DN/A	μ.	-		9
Trip Blank Custody Seals Present	□Yes	□No·	LIVA				
Pace Trip Blank Lot # (if applicable):				Cald Date	Dicad?	- Y /	AT.
Client Notification/ Resolution:				rieio Data	Required?		IX
Person Contacted:					Date/Time		
Comments/ Resolution:			1				
			1				
*							
			. 450	<u> </u>		100 m	



Pace

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.: 70254899001

Sample Information:
Type: Drinking Water

Origin: Raw Well
Routine

<u>www.pacelabs.com</u>
Westbury Water & Fire Dist.

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

160 Drexel Ave. Westbury, NY 115

Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856

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

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

Collected By CLIENT

Analytical Method: EPA 522		Prep Method:	EPA 522		Prep Date:	05/05/2023 10:50	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.7*		1	ug/L	1	05/08/2023 12:20	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		05/08/2023 12:20	001 AG2R1/2

Qualifiers:

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

ND - Not Detected at or above adjusted reporting limit.

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

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

Test results meet the requirements of NELAC

unless otherwise noted.

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

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

Date Reported: 05/08/2023 nage



WorkOrder:

70254899

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302

Date Reported: 05/08/2023 page 2 of 6



Sample Request Form PUBLIC WATER SUPPLIER

Date: 5-4-33 Collec Accel

Collected By: M. Ka	Accepted By:	Cooler Temp: 7.3
answom	7-17	ပ္စ

Name or Code: Welth

Address:

Phone #:

Attn:

Client Info:

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□ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCI

F	1
Sample Types	
PW - Potable Water	8
GW - Groundwater	뿚
SW - Surface Water	S

WW - Waste Water AQ - Aqueous S - Soil

Origin	D - Distribu	RW - Raw We	TW - Treated
pose	- Routine	- Resample	- Special

Distribution	Raw Well	Treated Well	Tank	Monitoring M	Influent	Effluent
1	1	1	- 1	1	1	1
Δ	RW	2	—	MW	_	ш

Treatment Types	AST - Air Stripper	GAC - Granular Activated Charcoal	N - Nitrate Removal Plant	FE - Iron Removal Plant	Other
				:	See.

- Nitrate Removal Plant	- Iron Removal Plant	- Other
z	世	0

ple Info:
Sam

Copies To:

Bill To:

Proj. # or (Name):

page 4 of 6

ount Melville	
nple Container C	
ELV-0148 v1_Sam I	
V-FRM-MELV-1 4/10/2023	
DC#_Title_EN Effective Date:	

MO#: 70254899

Due Date: 05/11/23 Sender Initials 200 20 Non-aqueous Liquid OIL Wipe Drinking Water dΜ Matrix CN SPLC CLIENT: WWD Medin WEKU PM: JSA MGEN Mesn 40mL Ascorbic sold/ maleic Acid viels DG9Y Citrate/Na Thiosulfate 40mL
DG6T Na Thiosulfate 60mL vial
DG6M MonoClActetic/Na Thio 60mL AG3T Na Thiosulfale 250mL boille BP18 Na Thiosulfale Amber boille AG1T Na Thiosulfale 1L Amber AG1A 525.3 Chemical Blend **T242** 500mL unpres amber glass AG3U 250mL unpres amber glass 250mL Sadium Hydroxide VG9T 40mL Na Thio amber vial Use Poli Add SCL 8618 BP1U 1L unpreserved plastic BP3N* 250mL HNO3 plastic NIA8 ZIde BP3R Can also be a BP4N 8632 BP1U DG9A TEAB AGSU врзс ВЬЗС NZdE BP3N 125mL unpreserved plastic | SP5T | 120mL Coliform Na Thio NEGE 16oz Unpreserved Jar WGKU Boz Unpreserved Jar WG2U 2oz Unpreserved Jar 4oz Unpreserved Jar 1L HCL Clear Glass BP2S Ziplock Bag BP3S Terracore Kit Tedlar Bag กเสย General DP2U WGFU WGDU UERE ZPLC BG1H TEDL S SN UPAE 500mL unpreserved plastic กเออ Na Thiosulfate Amber Bottle 250mL unpreserved plastic 250mL Ammonium Acetate 250mL NH4SO4-NH4OH ALDA 1L unpreserved plastic 250ml H2SO4 plastic 500mL H2SO4 plastic 1L NaOH, Zn Acetate 1L HNO3 plastic 125mL HNO3 plastic 250mL HNO3 plastic 500mL HNO3 plastic NaOH 250mL bottle **HLDA** 250mL Trizma Profile #: COC Page THOM AGER VEST BP3R YEVE BP2N BP1Z BP1N BP1B BP4U BP2U BP1U ВРЗС BP35 BP4N BP3N BP2S BP3T 250mL Na Thio amber glass BP3S SEDV Ammonium CI 250mL bottle 125mL unpres amber glass 250mL unpres amber glass 500mL unpres amber glass 250mL H2SO4 amber glass Na Sulfite 500mL (blue Cap) 1C34 125ml, EDA amber glass 1liter unpres amber glass Na Thiosulfate 1L bollle nie 1L HCI amber glass PESU nesy. nest. AG1A (NH4CI) S690 AG2U AG1U AG34 40mL Citrate-Na Thiosulfate AG3S AG4E 1990 AG4U 40mL Ascorbic-HCI clear vial AG3U AG2R AG1H AG3T AG1T VEDC Glass Ammonium CI/CuSO4 40mL Ascorbic/Maleic Acid 40mL 000b 40mL Na Thiosulfate vial 40mL Sulfuirc clear vial 1L Unpres Jar (Con Ed) 40mL amber vial - TSP 169C 40mL unpres clear vial 40mL HCI clear vial Na Thio 60mL Vial 1690 WG9O Boz clear soil jar WG4O 4oz clear soil jar S69/ Work ID: H6D/ 369/ 069/ VG9U VG9S DG9Y DG9P DG9A VG9H DG9S XiYIEN pãge 5 of 6 COC Line Item

Pace® Analytical Services, LLC

Additional Comments

	S	ample	Conditio	on Upon Re	ceipt		
Pace Analytical °		•		Pro		0254899	1
/ acc Analytical	Client N	lame:	10	PIC			
Courier: Fed Ex UPS USPS Client	Comm	errial [Page Dthe	er	PM: JSA	Due Date: 0	5/11/23
Tracking #:		DI DIOI	1000		CLIENT: WWD		
Custody Seal on Cooler/Box Present:	es 🗆 No	Seals in	ntact: 🔲 Ye	SO NO NA		Description D	
Packing Material: Bubble Wrap Bubble	e Bags (nZiploc 🔽	Hone 🔲 Ot	her		Wet Blue None	
Thermometer Used: THO THUS	·Correct	tion Factor		5.3	Samples on	ice, cooling process has	begun
Cooler Temperature(°C): /3			ure Correct		Date/Time	5035A kits placed in fre	ezer
Temp should be above freezing to 6.0°C						1025 0	12/
USBA Regulated Soil [N/A, water sample	e)		*	Date <and initial<="" td=""><td>s of person examini</td><td>ng contents<u>: 9H \$</u></td><td>13/23</td></and>	s of person examini	ng contents <u>: 9H \$</u>	13/23
Did samples originate in a quarantine zone v	vithin the U	Inited State	es: AL, AR, CA	, FL, GA, ID, LA, MS,	NC, Did samples	orignate from a foreign	sõuce
NM NY NK ND SC TN TY or VA (check man)	? 🗌 Ye	s □No			including Ha	waii and Puerto Rico)?	∐Yes∐ No
If Yes to either question, fill out a Regular	ted Soil Cl	necklist (F	-LI-C-010) a	and include with S	CUR/COC paperwork	(
					COM	TENTS:	
Chain of Custody Present:	eyes			<u> L</u>			
Chain of Custody Filled Out:	eres			2		-	
Chain of Custody Relinquished:	@Yes	□No -		3.			
Sampler Name & Signature on COC:	ØYes.	□No	□N/A	4.			
Samples Arrived within Hold Time:	Wes	□No		5.			
Short Hold Time Analysis (<72hr):	∘□Yes	□No.		6. 7.			
Rush Turn Around Time Requested:	-	INO EN		8.			-
Sufficient Volume: (Triple volume provided for	or itares BYes			9.			
Correct Containers Used: -Pace Containers Used:	□Yes			0.		#	
Containers Intact:	☐ es			10.		⊛ V£	
Filtered volume received for Dissolved tests		= □No	DAYA	11. Note	if sediment is visible	in the dissolved contains	y. :
Sample Labels match COC:	Layes	□No		12.	14	2	
Includes date/time/ID; Matrix St WI	el	- 5)	ب يورين	· - · .		-	-
All containers needing preservation have be	en □Yes	□No	QMA	T3. □ HA	10 ₃ □ H ₂ SO ₄	□NaOH □HCT	
checked?		, F	*				
pH paper Lot #	nd to bo			Sample #			
All containers needing preservation are four in compliance with method recommendatio			_	_		¥	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	 □Yes	□No	. DH/A				
NAOH>12 Cyanide)			_			\$ 3	
Exceptions: VOA, Coliform, TOC/DOC, Oil and	Grease,		2		-		
DRO/8015 (water).			2	Initial when com	pleted: Lot # of adde		ceservative
Per Method, VOA pH is checked after analysis			-11/2	7.	preservative:	added:	
Samples checked for dechlorination:	□Yes	□No	DNA	14.			
KI starch test strips Lot #.	00000000		c.ea	Positiv	e for Res. Chlorine? Y	N	-
Residual chlorine strips Lot # SM 4500 CN samples checked for sulfide?	□Yes	□No	□N/A -	15.	2101 1100: 0111011110: 1		
Lead Acetate Strips Lot #	Lites			11.00	e for Sulfide? Y	N	
Headspace in VOA Vials (>6mm):	□Yes	□No	- DM/A	16.		ş	17-yel
Trip Blank Present	□Yes	□No	□M/A	17.	X		
Trip Blank Custody Seals Present	□Yes	□No	DAYA				1
Pace Trip Blank Lot # (if applicable):							
Client Notification/ Resolution:				Field Data Requir		/ N	
Person Contacted:				Date/	/Time:		
Comments/ Resolution:							
F			1				
						بمرجا	
							in the second second
- PM-(Project Manager) review is the unique	i electroni	cally in LIM	3.4.	ين ينجين	و د در به داد در	ENALISATEM	EN:0054H

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

Laboratory Results

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

Client Sample ID.: N-00101

Lab No.: 70258538001

Sample Information:

Type: Drinking Water Origin: Raw Well Routine

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

www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856

Collected: 06/05/2023 09:25 AM **Point** N-00101 Received: 06/05/2023 10:44 AM Location Well 6

Collected By CLIENT **Sample Comments:**

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

Analytical Method: EPA 522		Prep Method:	EPA 522		Prep Date:	06/09/2023 12:11	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.76		1	ug/L	1	06/12/2023 7:31 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	116%		1	%REC		06/12/2023 7:31 PM	001 AG2R1/2

Qualifiers:

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

ND - Not Detected at or above adjusted reporting limit.

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

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

Test results meet the requirements of NELAC unless otherwise noted.



Pace

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

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

www.pacelabs.com

Westbury Water & Fire Dist.

160 Drexel Ave. Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856 Lab No. : 70258538002 Client Sample ID.: N-07785

Collected: 06/05/2023 09:30 AM Point N-07785
Received: 06/05/2023 10:44 AM Location Well 7A

Collected By CLIENT

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

Qualifiers:

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

ND - Not Detected at or above adjusted reporting limit.

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

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

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.



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.: 70258538003

Type: Drinking Water Origin: Raw Well Routine

Sample Information:

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

Westbury Water & Fire Dist. 160 Drexel Ave.

Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856

Collected: 06/05/2023 08:35 AM Point N-05007 Received: 06/05/2023 10:44 AM Location Well 10

Collected By CLIENT

Analytical Method: EPA 522		Prep Method:	EPA 522		Prep Date:	06/09/2023 12:11	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.64		1	ug/L	1	06/12/2023 8:25 PM	003 AG2R1/2
Surr: 1.4-Dioxane-d8 (S)	117%		1	%REC		06/12/2023 8:25 PM	003 AG2R1/2

Qualifiers:

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

ND - Not Detected at or above adjusted reporting limit.

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

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

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

Lab No.: 70258538005

Sample Information: Type: Drinking Water Origin: Raw Well Routine

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

575 Broad Hollow Road, Melville, NY 11747

www.pacelabs.com

Westbury Water & Fire Dist.

Westbury, NY 11590 Attn To: Supt. Ingram Federal ID: 2902856

160 Drexel Ave. Client Sample ID.: N-07353

Collected: 06/05/2023 08:50 AM **Point** N-07353 Received: 06/05/2023 10:44 AM Location Well 14

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date:	. 06/09/2023 12:11	
Parameter(s)	Results	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.6*		1	ug/L	1	06/12/2023 9:01 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	121%		1	%REC		06/12/2023 9:01 PM	005 AG2R1/2

Qualifiers:

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

ND - Not Detected at or above adjusted reporting limit.

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

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

Test results meet the requirements of NELAC

unless otherwise noted.



WorkOrder:

70258538

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302

Date Reported: 06/13/2023 page 9 of 11

Pace Analytical ®

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

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Name or Code: Westhing West Dist. Address:

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Phone #:	Attn:

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Sample Info:

Sample Request Form PUBLIC WATER SUPPLIER

Collected By: M. Key (Journal) 6/5/23 Date: Accepted By: -Cooler Temp:

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10.44 CI WELL RUN .

☐ YES ☐ NO VOC'S PRESERVED WITH HCI pes

Sam PW - GW - SW -	Sample Types PW - Potable Water GW - Groundwater SW - Surface Water WW - Waste Water	Purpose RO - Rou RE - Res
AQ -	- Aqueous	
S	- Soil	

Treatment Types	AST - Air Stripper	GAC - Granular Activated Charcoal	N - Nitrate Removal Plant	FE - Iron Removal Plant	O - Other			
Origin	D - Distribution	RW - Raw Well	TW - Treated Well	T - Tank	MW - Monitoring Well	I - Influent	E - Effluent	
Purpose	RO - Routine	RE - Resample	S - Special					

Date/Time S Collected:	Sample	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
CISTAS GAS GW	3	Well # 6	RW		RO		I, 4 DIOXANE	
6/3/33 9 20 CW	J. C.	WELL 7A 7785	RW		80			
M9 Well I	Me	Wel 10	RE		S			
(1-23 945	N.	WELL 11 05654	8		8			
(dd23 m)	36	Well-14 N-07353	3		8			
6/2/20 24 Gl	3	Well -16 08497	3		80			
clustan 1 3 (J.	_	Well- 9	À,		0			
(15/25/252 DIL	3	wen quit Bleaded	(7		80		>	
					\cap			
Remarks:	100	1 T# X	4 Dioxi	3 21	/			411,0

page 10 of 11

DC#_Title: ENV-FRM-MELV-0024 v4_SCUR Effective Date: 5/23/2023 CLIENT: WWD Client Name: Project # Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other Tracking #: Custody Seal on Cooler/Box Present: ☐ Yes ☐ No Seals intact: ☐ Yes ☐ No Temperature Blank Present ☐ Yes ☐ No Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other Type of Ice: Wet Blue None Thermometer Used: TH148 Correction Factor: .3 Samples on ice, cooling process has begun Cooler Temperature(°C): | . Cooler Temperature Corrected(°C): | . Date/Time 5035A kits placed in freezer Temp should be above freezing to 6,8°C USDA Regulated Soil (N/A, water sample) Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☐ No If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork. Date and Initials of person examining contents: COMMENTS: Chain of Custody Present: Xes □No Chain of Custody Filled Out: **DYes** □No Chain of Custody Relinquished: □¥éş οNo Sampler Name & Signature on COC: aYes □No □N/A 4 Samples Arrived within Hold Time: aNo Short Hold Time Analysis (<72hr): ⊓Yes dNo 6. Rush Turn Around Time Requested a Yes οMα 8 Sufficient Volume: (Triple volume DYes □No provided for MS/MSD) Correct Containers Used: oves. DNo. 9. -Pace Containers Used: DYes ONo Containers Intact: **d**¥es 10. □No ďN/A Filtered volume received for 11 пYes □No Note: if sediment is visible in the dissolved container. Dissolved tests 12. Sample Labels match COC: dives dNo SL WT OIL OTHER -Includes date/time/ID/Analysis Matrix: Date and Initials of person checking preservation: All containers needing preservation □ HCI 13. □ HNO₃ □ H₂SO₄ □ NaOH MN/A □No have been pH paper Lot # Sample All containers needing preservation are found to be # in compliance with method recommendation? DN/A (HNO₃, H₂SO₄, HCl, NaOH>9 Sulfide, □Yes □No NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Initial when completed: Lot # of added Date/Time preservative added: preservative: Per Method, VOA pH is checked after analysis Samples checked for dechlorination:

Yes DM/A DNo 14. KI starch test strips Lot # Residual chlorine strips Lot # Positive for Res. Chlorine? Y N

SM 4500 CN samples checked for sul \(\text{Yes} \)

Lead Acetate Strips Lot #

Trip Blank Present:

Person Contacted:

Comments/ Resolution:

Headspace in VOA Vials (>6mm):

Trip Blank Custody Seals Present

Client Notification/ Resolution:

M/A

MVA

DNIA

EN/A

l15.

16.

17

Positive for Sulfide?

Field Data Required?

Date/Time:

Y N

□No

□No

□No:

DNo

□Yes

□Yes

□Yes

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