H 2 M architects + engineers
538 Broad Hollow Road, 4th Floor East
Melville, NY 11747 | tel 631.756.8000

January 10, 2022

Ms. Kristine Wheeler, P.E., Director
Bureau of Water Supply Protection
New York State Department of Health
Corning Tower
Empire State Plaza, Rm 1110
Albany, New York 12237

Emailed To: bpwsp@health.ny.gov

Mr. Jason Hime, P.E.
Suffolk County Department of Health Services
360 Yaphank Avenue, Ste. 1C
Yaphank, New York 11980-9653

Re South Huntington Water District
1,4-Dioxane MCL Deferral
Emerging Contaminant Quarterly Update – 4th Quarter 2021
Public Water System ID# NY5103263

Dear Ms. Wheeler and Mr. Hime:

On behalf of the South Huntington Water District, our office has prepared the enclosed emerging contaminant quarterly update for the 4th quarter of 2021 (October 1, 2021 through December 31, 2021).

The South Huntington Water District has, for the past several years, been proactively addressing the issues of emerging contaminants in their supply wells. However, with the MCL being established for 1,4-dioxane in August 2020, the District did not have sufficient time to implement wellhead treatment for the removal of 1,4-dioxane. The District requested a Deferral for the 1,4-dioxane MCL which was approved on January 7, 2021 and shall be effective until July 31, 2022.

As requested by the Deferral approval, the District provided the residents with the Public Notice and it is posted on their website. In addition, this Quarterly Update has been prepared to present the progress the District is making to install treatment systems to remove 1,4-dioxane. More specifically, this update provides:

A. A summary of 1,4-dioxane sampling results for this quarter.

B. Progress Reports on 1,4-dioxane treatment projects and any potential issues that could delay progress in meeting milestone dates presented in the Corrective Action Plan in the original Deferral request.

In summary, during the 4th quarter of 2021, **all water delivered by the District was below the MCL for 1,4-dioxane**. You will note that Well No. 10-1 had a 4th quarter 1,4-dioxane result of 1.2 ug/l, however Well No. 10-1 is not utilized by the District without Well No. 10-2 being in use. Therefore, the blended result of 0.70 ug/l is the maximum concentration being delivered to the system from this facility.

The AOP treatment at Plant No. 10 is under construction and is nearing completion. We expect to begin performance testing and water quality sampling in the next few weeks. The plant is expected be on-line by the end February 2022. The AOP treatment at Plant No. 3 has begun construction and is anticipated to be on-line by June 2022.

As noted in the attached progress report, the District is proceeding with AOP treatment at Plant No. 8 at this time. The engineering report is now complete and is expected to be submitted this week. Design has been started, with construction anticipating to begin in May 2022, and construction being complete in July 2023. A formal request for the extension of the MCL deferral period is being requested for this project.

The District is continuing to monitor the water quality at Well No. 4 before the District determines if wellhead treatment for the removal of 1,4-dioxane is necessary.

The District has posted this Quarterly Update on the South Huntington Water District website.

Please contact our office should you have any comments concerning this Deferral Update.

Very truly yours,

H2M architects + engineers

Dennis M. Kelleher, P.E.
Executive Vice President

DMK:amt

Enclosure

cc: Board of Commissioners
Mr. Brian O'Donnell
Mr. Mike McGovern

South Huntington Water District
PWS ID No. NY5103263
1,4-dioxane Water Quality Summary

Status as of: October 1, 2021 through December 31, 2021
Prepared By: H2M architects+engineers

Location	Date Sampled	1,4-Dioxane (ug/L) Finished Water Levels	AOP Treatment in Place (Y/N)	Notes and Comments
Well 3-2 & 3-3 Blended	11/3/2021	0.66	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 3-2/3-3
Well 3-2	11/3/2021	0.96	N	
Well 3-3	11/3/2021	0.63	N	
Well 4	10/7/2021	0.50	N	
Well 6	10/7/2021	0.48	N	
Well 7-1 & 7-2 Blended	10/26/2021	0.055	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 7-1/7-2
Well 7-1	10/26/2021	0.058	N	
Well 7-2	10/26/2021	0.031	N	
Well 8	10/7/2021	1.0	N	
Well 9	10/26/2021	0.22	N	
Well 10-1 & 10-2 Blended	10/28/2021	0.70	N	TOTAL BLENDED EEFLUENT WELL NOS. 10-1/10-2
Well 10-1	10/28/2021	**1.2**	N	
Well 10-2	10/28/2021	0.40	N	
Well 15-1 & 15-2 Blended	11/18/2021	0.40	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 15-1	11/18/2021	0.69	N	
Well 15-2	11/18/2021	0.18	N	
Well 17	10/12/2021	0.30	N	
Well 18-1	10/25/2021	0.023	N	
Well 18-2	10/25/2021	0.13	N	
Well 19-1	10/12/2021	0.022	N	
Well 19-2	10/12/2021	ND	N	
Well 20	10/21/2021	0.14	N	

Notes: Blended wells include:
- Well Nos. 3-2 & 3-3
- Well Nos. 7-1 & 7-2
- Well Nos. 10-1 & 10-2
- Well Nos. 15-1 & 15-2

These blended wells have been sampled for below the MCL for 1,4-dioxane.

ND Non-detect
MCL Maximum Contaminant Level
NS Not Sampled

Bold results exceed MCL

Water Quality Test Results Attachments to Follow

South Huntington Water District
PWS ID No. NY5103263
Progress, Potential Issues and Water Quality Update

Quarterly Report Date: 1/7/2022 Prepared By: H2M architects+engineers

Milestone Description	Original Date	Revised Date	Completed (Y/N)	Delayed (Y/N)	Notes and Comments
Project No. 1 - Plant No. 10 AOP					
Pilot Test			Y	-	
Engineering Report			Y	-	Submitted to NYSDOH May 14, 2020
Design Complete			Y	-	Submitted to NYSDOH May 14, 2020
Start Construction	8/2020		-	N	Contracts awarded July 2020
Complete Construction	8/2021	2/2022	-	Y	System startup expected January 2022
Project No. 2 - Plant No. 3 AOP					
Pilot Test	12/2020	1/2021	Y	N	
Engineering Report	1/2021	3/2021	Y	Y	Submitted to NYSDOH March 3, 2021
Design Complete	4/2021	8/2021	Y	Y	Submitted to NYSDOH September 16, 2021
Start Construction	6/2021	10/2021	N	Y	Construction start expected 10/2021
Complete Construction	6/2022	7/2022	N	Y	Startup expected July 2022
Project No. 3 - Plant No. 4 AOP					
Pilot Test	1/2021		-	-	The District is continuing to monitor the water quality at Well No. 4 before the District determines if wellhead treatment is necessary.
Engineering Report	3/2021		-	-	
Design Complete	7/2021		-	-	Anticipated design completion based if wellhead treatment is necessary.
Start Construction	9/2021		-	-	
Complete Construction	10/2022		-	-	Startup expected November 2022
Project No.4 - Plant No. 8 AOP					
Pilot Test	2/2021	6/2021	Y	Y	
Engineering Report	4/2021	12/2021	N	Y	Engineering report is now complete. To be submitted imminently.
Design Complete	8/2021	4/2022	N	Y	Formal design progressing at this time, expected completion 4/2022
Start Construction	10/2021	5/2022	N	Y	
Complete Construction	11/2022	7/2023	-	-	Startup expected July 2023

Potential Issues/Concerns/Delays Explanation:

Implementation of Project No. 4 was delayed while the District continued to monitor water quality at Well No. 8 through the 1st and 2nd quarter of 2021. The District recently determined that wellhead treatment for 1,4-dioxane is required. As per the above, pilot testing, engineering report and preliminary design has now begun. The District is continuing to monitor the water quality at Well No. 4 before the District determines if wellhead treatment is necessary. However, a pilot test is currently being conducted so that the engineering report and design can be started (if necessary) once the Disitrct determines if treatment is warranted. An extension of the MCL deferral date may be necessary to allow for the completion of these projects.

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

Laboratory Results

Results for the samples and analytes requested

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

Sample Information:
Type: Drinking Water
Origin: Effluent
Routine

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 11/23/2021 10:30 AM Point PLANT 3
Received : 11/23/2021 11:17 AM Location TOTAL BLENDED EFFLUENT
Collected By CLIENT

Lab No. : 70195607006
Client Sample ID.: PLANT 3 TOTAL BLENDED EFFLUENT

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 11/27/2021 9:27 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.66		1	ug/L	1	11/29/2021 8:18 PM	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		11/29/2021 8:18 PM	006 AG2R1/2

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

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

Date Reported: 12/14/2021

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 11/23/2021 10:00 AM Point S-72580
Received : 11/23/2021 11:17 AM Location Well #3-2
Collected By CLIENT

Lab No. : 70195607001
Client Sample ID.: S-72580

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 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	4.0		5	mg/L	10	11/24/2021 2:09 AM	001 BP4U1/1
Nitrate-Nitrite (as N)	4.0		5	mg/L		11/24/2021 2:09 AM	001 BP4U1/1

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	11/24/2021 12:04	001 BP4U1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 11/27/2021 9:27 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.96		1	ug/L	1	11/29/2021 7:07 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	102%		1	%REC		11/29/2021 7:07 PM	001 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.64		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,1-Dichloroethane	1.3		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,1-Dichloroethene	0.75		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	12/02/2021 5:08 PM	001 VG9C1/2

Qualifiers:
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ND - Not Detected at or above adjusted reporting limit.
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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.

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested

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

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 11/23/2021 10:00 AM Point S-111778
Received : 11/23/2021 11:17 AM Location Well #3-3
Collected By CLIENT

Lab No. : 70195607002
Client Sample ID.: S-111778

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	2.0		5	mg/L	10	11/24/2021 2:10 AM	002 BP4U1/1
Nitrate-Nitrite (as N)	2.0		5	mg/L		11/24/2021 2:10 AM	002 BP4U1/1

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	11/24/2021 12:07	002 BP4U1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 11/27/2021 9:27 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.63		1	ug/L	1	11/29/2021 7:25 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		11/29/2021 7:25 PM	002 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,1,1-Trichloroethane	0.75		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,1-Dichloroethane	1.1		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,1-Dichloroethene	0.81		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	12/02/2021 4:41 PM	002 VG9C1/2

Qualifiers:
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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

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Laboratory Results

Results for the samples and analytes requested

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Sample Information:
Type: Drinking Water
Origin: Effluent
Routine

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/26/2021 02:30 PM Point PLANT 7
Received : 10/26/2021 02:51 PM Location TOTAL BLENDED EFF
Collected By CLIENT

Lab No. : 70192406003
Client Sample ID.: PLANT 7 TOTAL BLENDED EFF

Analytical Method:EPA 522 Prep Method: EPA 522 Prep Date: 10/27/2021 11:22

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.055		1	ug/L	1	10/28/2021 4:16 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		10/28/2021 4:16 AM	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.

Date Reported: 11/02/2021

Jennifer Aracri

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/26/2021 02:15 PM Point S-26248
Received : 10/26/2021 02:51 PM Location Well #7-1
Collected By CLIENT

Lab No. : 70192406001
Client Sample ID.: S-26248

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: 10/27/2021 11:22

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.058		1	ug/L	1	10/28/2021 3:24 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		10/28/2021 3:24 AM	001 AG2R1/2

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/31/2021 5:03 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		10/31/2021 5:03 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/31/2021 5:03 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/31/2021 5:03 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.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

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

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/26/2021 02:15 PM Point S-30007
Received : 10/26/2021 02:51 PM Location Well #7-2
Collected By CLIENT

Lab No. : 70192406002
Client Sample ID.: S-30007

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/27/2021 11:22

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.031		1	ug/L	1	10/28/2021 3:42 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	99%		1	%REC		10/28/2021 3:42 AM	002 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/31/2021 3:45 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		10/31/2021 3:45 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	10/31/2021 3:45 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		10/31/2021 3:45 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	10/31/2021 3:45 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.

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested

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Sample Information:
Type: Drinking Water
Origin: Effluent
Routine

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/07/2021 01:40 PM Point S-20601
Received : 10/07/2021 02:04 PM Location Well 8 VES A+B
Collected By CLIENT

Lab No. : 70190340003
Client Sample ID.: S-20601 VESSEL A+B COMB

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	5.0		5	mg/L	10	10/08/2021 11:50	003 BP4U1/1
Nitrate-Nitrite (as N)	5.1		5	mg/L		10/08/2021 11:50	003 BP4U1/1

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	10/09/2021 3:08 AM	003 BP4U1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/14/2021 8:07 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.0		1	ug/L	1	10/14/2021 9:08 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	109%		1	%REC		10/14/2021 9:08 PM	003 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,1-Dichloroethane	2.9		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/19/2021 11:05	003 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

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Laboratory Results

Results for the samples and analytes requested

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Sample Information:
Type: Drinking Water
Origin: Effluent
Routine

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/28/2021 10:45 AM Point PLANT 10
Received : 10/28/2021 11:18 AM Location BLENDED BOOSTER
Collected By CLIENT

Lab No. : 70192649002
Client Sample ID.: PLANT 10 TOTAL BLENDED BOOSTER

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	4.5		5	mg/L	10	10/29/2021 12:12	002 BP4U1/1
Nitrate-Nitrite (as N)	4.5		5	mg/L		10/29/2021 12:12	002 BP4U1/1

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	10/28/2021 10:27	002 BP4U1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/29/2021 8:35 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.70		1	ug/L	1	10/29/2021 7:44 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	89%		1	%REC		10/29/2021 7:44 PM	002 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/03/2021 11:21	002 VG9C1/2

Qualifiers:
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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

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Laboratory Results

Results for the samples and analytes requested

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/28/2021 10:30 AM Point S-26247
Received : 10/28/2021 11:18 AM Location Well #10-1
Collected By CLIENT

Lab No. : 70192651001
Client Sample ID.: S-26247

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 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	6.3		5	mg/L	10	10/29/2021 12:06	001 BP4U1/1
Nitrate-Nitrite (as N)	6.3		5	mg/L		10/29/2021 12:06	001 BP4U1/1

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	10/28/2021 10:19	001 BP4U1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/29/2021 8:35 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	**1.2***		1	ug/L	1	10/29/2021 9:10 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		10/29/2021 9:10 PM	001 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,1,1-Trichloroethane	2.2		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,1-Dichloroethane	2.2		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,1-Dichloroethene	1.9		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/02/2021 5:09 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/02/2021 5:09 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.

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/28/2021 10:35 AM Point S-30008
Received : 10/28/2021 11:18 AM Location Well #10-2
Collected By CLIENT

Lab No. : 70192651002
Client Sample ID.: S-30008

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.0		5	mg/L	10	10/29/2021 12:07	002 BP4U1/1
Nitrate-Nitrite (as N)	3.0		5	mg/L		10/29/2021 12:07	002 BP4U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	10/28/2021 10:20	002 BP4U1/1

Analytical Method:EPA 522 Prep Method: EPA 522 Prep Date: 10/29/2021 8:35 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.40		1	ug/L	1	10/29/2021 9:28 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		10/29/2021 9:28 PM	002 AG2R1/2

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,1,1-Trichloroethane	0.78		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,1-Dichloroethane	0.86		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,1-Dichloroethene	0.78		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/04/2021 10:07	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/04/2021 10:07	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
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

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Laboratory Results

Results for the samples and analytes requested

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Sample Information:
Type: Drinking Water
Origin: Effluent
Routine

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 11/18/2021 01:40 PM Point PLANT 15
Received : 11/18/2021 02:10 PM Location BLENDED EFFLUENT
Collected By CLIENT

Lab No. : 70195269003
Client Sample ID.: PLANT 15 BLENDED EFFLUENT

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 11/23/2021 8:44 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.40		1	ug/L	1	11/23/2021 11:14	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	94%		1	%REC		11/23/2021 11:14	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.

Date Reported: 12/01/2021

Jennifer Aracri

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 11/18/2021 01:30 PM Point S-35007 (R)
Received : 11/18/2021 02:10 PM Location Well #15-1
Collected By CLIENT

Lab No. : 70195269001
Client Sample ID.: S-35007 (R)

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: 11/23/2021 8:44 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.69		1	ug/L	1	11/23/2021 10:40	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	100%		1	%REC		11/23/2021 10:40	001 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.66		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,1-Dichloroethane	1.5		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		11/30/2021 7:08 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		11/30/2021 7:08 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	11/30/2021 7:08 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	11/30/2021 7:08 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.

Jennifer Aracri

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Laboratory Results

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

Treatment
GAC

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 11/18/2021 01:35 PM Point S-77126
Received : 11/18/2021 02:10 PM Location Well #15-2
Collected By CLIENT

Lab No. : 70195269002
Client Sample ID.: S-77126

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 11/23/2021 8:44 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.18		1	ug/L	1	11/23/2021 10:57	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		11/23/2021 10:57	002 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		11/30/2021 6:42 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		11/30/2021 6:42 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	11/30/2021 6:42 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		11/30/2021 6:42 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	11/30/2021 6:42 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
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

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Laboratory Results

Results for the samples and analytes requested

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/25/2021 01:45 PM Point S-96380
Received : 10/25/2021 02:16 PM Location Well #18-1
Collected By CLIENT

Lab No. : 70192283001
Client Sample ID.: S-96380

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: 10/27/2021 11:22

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.023		1	ug/L	1	10/28/2021 1:40 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		10/28/2021 1:40 AM	001 AG2R1/2

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/31/2021 6:22 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		10/31/2021 6:22 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/31/2021 6:22 PM	001 VG9C1/2

Qualifiers:
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ND - Not Detected at or above adjusted reporting limit.
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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.

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/25/2021 01:55 PM Point S-117761
Received : 10/25/2021 02:16 PM Location Well #18-2
Collected By CLIENT

Lab No. : 70192283002
Client Sample ID.: S-117761

Sample Comments:
RUN TO WASTE

Analytical Method: EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	0.027		1	mg/L	0.3	11/01/2021 10:21	002 BP3N1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/27/2021 11:22

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.13		1	ug/L	1	10/28/2021 1:58 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		10/28/2021 1:58 AM	002 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/31/2021 6:48 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		10/31/2021 6:48 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/31/2021 6:48 PM	002 VG9C1/2

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

Jennifer Aracri

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Laboratory Results

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/12/2021 02:45 PM Point S-118369
Received : 10/12/2021 03:47 PM Location Well #19-1
Collected By CLIENT

Lab No. : 70190786002
Client Sample ID.: S-118369

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/15/2021 9:24 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.022		1	ug/L	1	10/16/2021 1:26 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		10/16/2021 1:26 AM	002 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/21/2021 4:01 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		10/21/2021 4:01 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		10/21/2021 4:01 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2

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

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Laboratory Results

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/12/2021 02:30 PM Point S-122932
Received : 10/12/2021 03:47 PM Location Well #19-2
Collected By CLIENT

Lab No. : 70190786003
Client Sample ID.: S-122932

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/15/2021 9:24 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	10/16/2021 1:43 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	110%		1	%REC		10/16/2021 1:43 AM	003 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/21/2021 4:28 PM	003 VG9C1/2
Bromoform	<0.50		1	ug/L		10/21/2021 4:28 PM	003 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chloroform	<0.50		1	ug/L		10/21/2021 4:28 PM	003 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2

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Laboratory Results

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Sample Information:
Type: Drinking Water
Origin: Effluent
Routine

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/07/2021 11:10 AM Point S-12079
Received : 10/07/2021 02:04 PM Location Well 4 VES A+B
Collected By CLIENT

Lab No. : 70190345003
Client Sample ID.: S-12079 VESSEL A+B COMBINED

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	4.4		5	mg/L	10	10/08/2021 11:33	003 BP4U1/1
Nitrate-Nitrite (as N)	4.4		5	mg/L		10/08/2021 11:33	003 BP4U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050	M1	1	mg/L	1	10/09/2021 2:40 AM	003 BP4U1/1

Analytical Method:EPA 522 Prep Method: EPA 522 Prep Date: 10/15/2021 9:24 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.50		1	ug/L	1	10/15/2021 7:54 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		10/15/2021 7:54 PM	003 AG2R1/2

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/20/2021 12:49	003 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

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Laboratory Results

Results for the samples and analytes requested

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Sample Information:
Type: Drinking Water
Origin: Effluent
Routine

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/07/2021 01:10 PM Point S-13876
Received : 10/07/2021 02:04 PM Location Well 6 VES A+B
Collected By CLIENT

Lab No. : 70190342003
Client Sample ID.: S-13876 VESSEL A+B COMB

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	4.0		5	mg/L	10	10/08/2021 11:48	003 BP3U1/1
Nitrate-Nitrite (as N)	4.0		5	mg/L		10/08/2021 11:48	003 BP3U1/1

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	10/09/2021 3:06 AM	003 BP3U1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/14/2021 8:07 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.48		1	ug/L	1	10/14/2021 9:41 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	113%		1	%REC		10/14/2021 9:41 PM	003 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,1-Dichloroethane	1.4		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/19/2021 11:57	003 VG9C1/2

Qualifiers:
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Jennifer Aracri

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Laboratory Results

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/26/2021 01:40 PM Point S-22015
Received : 10/26/2021 02:51 PM Location Well #9
Collected By CLIENT

Lab No. : 70192407001
Client Sample ID.: S-22015

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: 10/27/2021 11:22

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.22		1	ug/L	1	10/28/2021 5:09 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		10/28/2021 5:09 AM	001 AG2R1/2

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/31/2021 2:52 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		10/31/2021 2:52 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/31/2021 2:52 PM	001 VG9C1/2

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/12/2021 02:00 PM Point S-78124
Received : 10/12/2021 03:47 PM Location Well #17
Collected By CLIENT

Lab No. : 70190786001
Client Sample ID.: S-78124

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/15/2021 9:24 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.30		1	ug/L	1	10/16/2021 1:09 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	113%		1	%REC		10/16/2021 1:09 AM	001 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/21/2021 3:35 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		10/21/2021 3:35 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Chloroform	<0.50		1	ug/L		10/21/2021 3:35 PM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2

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Laboratory Results

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/12/2021 02:00 PM Point S-78124
Received : 10/12/2021 03:47 PM Location Well #17
Collected By CLIENT

Lab No. : 70190786001
Client Sample ID.: S-78124

Dibromochloromethane	<0.50		1	ug/L		10/21/2021 3:35 PM	001 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Dichlorodifluoromethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Hexachloro-1,3-butadiene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Isopropylbenzene (Cumene)	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Methyl-tert-butyl ether	<0.50	L1	1	ug/L	10	10/21/2021 3:35 PM	001 VG9C1/2
Methylene Chloride	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Styrene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Tetrachloroethene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Toluene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50		1	ug/L	80	10/21/2021 3:35 PM	001 VG9C1/2
Trichloroethene	0.52		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Trichlorofluoromethane	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Vinyl chloride	<0.50		1	ug/L	2	10/21/2021 3:35 PM	001 VG9C1/2
cis-1,2-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
cis-1,3-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
m&p-Xylene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
n-Butylbenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
n-Propylbenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
o-Xylene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
p-Isopropyltoluene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
sec-Butylbenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
tert-Butylbenzene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
trans-1,2-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
trans-1,3-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 3:35 PM	001 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	84%		1	%REC		10/21/2021 3:35 PM	001 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	96%		1	%REC		10/21/2021 3:35 PM	001 VG9C1/2

Analytical Method: Field Method

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Field Residual Chlorine	<0.1	N3	1	mg/L	4	10/12/2021 2:00 PM	001 SP5T1/1

Analytical Method: SM22 9223B Colilert Prep Method: SM22 9223B Colilert Prep Date: 10/12/2021 7:15 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	10/13/2021 1:15 PM	001 SP5T1/1
Total Coliforms	Absent		1		Absent	10/13/2021 1:15 PM	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.

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/12/2021 02:45 PM Point S-118369
Received : 10/12/2021 03:47 PM Location Well #19-1
Collected By CLIENT

Lab No. : 70190786002
Client Sample ID.: S-118369

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/15/2021 9:24 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.022		1	ug/L	1	10/16/2021 1:26 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		10/16/2021 1:26 AM	002 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/21/2021 4:01 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		10/21/2021 4:01 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		10/21/2021 4:01 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2

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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.

Jennifer Aracri

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/12/2021 02:45 PM Point S-118369
Received : 10/12/2021 03:47 PM Location Well #19-1
Collected By CLIENT

Lab No. : 70190786002
Client Sample ID.: S-118369

Dibromochloromethane	<0.50		1	ug/L		10/21/2021 4:01 PM	002 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Dichlorodifluoromethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Hexachloro-1,3-butadiene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Isopropylbenzene (Cumene)	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Methyl-tert-butyl ether	<0.50	L1	1	ug/L	10	10/21/2021 4:01 PM	002 VG9C1/2
Methylene Chloride	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Styrene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Tetrachloroethene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Toluene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50		1	ug/L	80	10/21/2021 4:01 PM	002 VG9C1/2
Trichloroethene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Trichlorofluoromethane	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Vinyl chloride	<0.50		1	ug/L	2	10/21/2021 4:01 PM	002 VG9C1/2
cis-1,2-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
cis-1,3-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
m&p-Xylene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
n-Butylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
n-Propylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
o-Xylene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
p-Isopropyltoluene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
sec-Butylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
tert-Butylbenzene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
trans-1,2-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
trans-1,3-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 4:01 PM	002 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	80%		1	%REC		10/21/2021 4:01 PM	002 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	87%		1	%REC		10/21/2021 4:01 PM	002 VG9C1/2

Analytical Method: Field Method

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Field Residual Chlorine	<0.1	N3	1	mg/L	4	10/12/2021 2:45 PM	002 SP5T1/1

Analytical Method: SM22 9223B Colilert Prep Method: SM22 9223B Colilert Prep Date: 10/12/2021 7:15 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	10/13/2021 1:15 PM	002 SP5T1/1
Total Coliforms	Absent		1		Absent	10/13/2021 1:15 PM	002 SP5T1/1

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

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/12/2021 02:30 PM Point S-122932
Received : 10/12/2021 03:47 PM Location Well #19-2
Collected By CLIENT

Lab No. : 70190786003
Client Sample ID.: S-122932

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/15/2021 9:24 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	10/16/2021 1:43 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	110%		1	%REC		10/16/2021 1:43 AM	003 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		10/21/2021 4:28 PM	003 VG9C1/2
Bromoform	<0.50		1	ug/L		10/21/2021 4:28 PM	003 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2
Chloroform	<0.50		1	ug/L		10/21/2021 4:28 PM	003 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	10/21/2021 4:28 PM	003 VG9C1/2

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

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Laboratory Results

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

S. Huntington Water District
P.O. BOX 370
Huntington Station, NY 11746
Attn To : Mike McGovern
Federal ID : 5103263
Collected : 10/21/2021 02:30 PM Point S-123688
Received : 10/21/2021 02:54 PM Location Well #20
Collected By CLIENT

Lab No. : 70191966001
Client Sample ID.: S-123688

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.1		5	mg/L	10	10/22/2021 1:21 AM	001 BP4U1/1
Nitrate-Nitrite (as N)	3.1		5	mg/L		10/22/2021 1:21 AM	001 BP4U1/1

Analytical Method: EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	10/22/2021 12:14	001 BP4U1/1

Analytical Method: EPA 522 Prep Method: EPA 522 Prep Date: 10/27/2021 7:57 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.14		1	ug/L	1	10/27/2021 4:43 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	99%		1	%REC		10/27/2021 4:43 PM	001 AG2R1/2

Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,2-Dichloropropane	1.9		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/30/2021 12:20	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/30/2021 12:20	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.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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