



architects + engineers

538 Broad Hollow Road, 4<sup>th</sup> Floor East  
Melville, NY 11747 | tel 631.756.8000

October 8, 2021

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](mailto: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 – 3<sup>rd</sup> 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 3<sup>rd</sup> quarter of 2021 (July 1, 2021 through September 30, 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 3<sup>rd</sup> 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 3<sup>rd</sup> quarter 1,4-dioxane result of 1.4 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 0.80 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 expected be on-line by the end of 2021. The AOP treatment at Plant No. 3 is expected to begin construction in the next few weeks 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 expected to be completed this month and formal design has been started, with construction anticipating to begin in January 2022, and construction being complete in December 2022.

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.


Noting the above, the District is respectfully requesting an extension of the MCL deferral until January 2023 in order to complete the installation of the Plant No. 8 treatment system.

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**

A handwritten signature in black ink, appearing to read 'D. Kelleher', with the word 'for' written in cursive to the right of the signature.

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: July 1, 2021 through September 30, 2021  
Prepared By: H2M architects+engineers

Location	Date Sampled	1,4-Dioxane (ug/L)	AOP Treatment in Place (Y/N)	Notes and Comments
		Finished Water Levels		
Well 3-2 & 3-3 Blended	9/23/2021	0.77	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 3-2/3-3
Well 3-2	9/23/2021	0.94	N	
Well 3-3	9/23/2021	0.60	N	
Well 4	9/20/2021	0.96	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 7-1/7-2
Well 6	7/20/2021	0.44	N	
Well 7-1 & 7-2 Blended	7/28/2021	0.054	N	
Well 7-1	7/28/2021	0.058	N	TOTAL BLENDED EFFLUENT WELL NOS. 10-1/10-2
Well 7-2	7/28/2021	0.025	N	
Well 8	9/21/2021	0.85	N	
Well 9	7/12/2021	0.24	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 10-1 & 10-2 Blended	9/23/2021	0.80	N	
Well 10-1	9/23/2021	<b>1.4</b>	N	
Well 10-2	9/23/2021	0.41	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 15-1 & 15-2 Blended	7/22/2021	0.33	N	
Well 15-1	7/22/2021	0.77	N	
Well 15-2	7/22/2021	0.094	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 17	7/8/2021	0.22	N	
Well 18-1	7/8/2021	ND	N	
Well 18-2	7/13/2021	0.15	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 19-1	7/8/2021	ND	N	
Well 19-2	7/8/2021	ND	N	
Well 20	7/13/2021	0.12	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	<b>Bold results exceed MCL</b>
MCL	Maximum Contaminant Level	
NS	Not Sampled	

**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: 10/8/2021

Prepared By: H2M architects+engineers

Milestone Description	Original Date	Revised Date	Completed (Y/N)	Delayed (Y/N)	Notes and Comments
<b>Project No. 1 - Plant No. 10 AOP</b>					
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	12/2021		Y	System startup expected November 2021
<b>Project No. 2 - Plant No. 3 AOP</b>					
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
<b>Project No. 3 - Plant No. 4 AOP</b>					
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
<b>Project No.4 - Plant No. 8 AOP</b>					
Pilot Test	2/2021	6/2021	Y	Y	
Engineering Report	4/2021	10/2021	N	Y	Engineering report progressing, expected completion 10/2021.
Design Complete	8/2021	12/2021	N	Y	Formal design progressing at this time, expected completion 12/2021.
Start Construction	10/2021	1/2022	N	Y	
Complete Construction	11/2022		-	-	Startup expected December 2022

**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 District determines if treatment is warranted. An extension of the MCL deferral date may be necessary to allow for the completion of these projects.



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

# Laboratory Results

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

### Sample Information:

Type: Drinking Water  
 Origin: Effluent  
 Routine

**S. Huntington Water District**  
**P.O. BOX 370**  
**Huntington Station, NY 11746**  
**Attn To : Mike McGovern**

**Lab No. : 70188692009**  
**Client Sample ID.: PLANT 3 TOTAL BLENDED EFF**

Federal ID : 5103263  
 Collected : 09/23/2021 01:40 PM Point PLANT 3  
 Received : 09/23/2021 01:58 PM Location TOTAL BLENDED EFF  
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 09/30/2021 11:18		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.77		1	ug/L	1	10/01/2021 4:28 AM	009 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		10/01/2021 4:28 AM	009 AG2R1/2

**Qualifiers:**

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

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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

Date Reported: 10/06/2021



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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**

**Lab No. : 70188692001**  
**Client Sample ID.: S-72580**

Federal ID : 5103263  
 Collected : 09/23/2021 01:20 PM Point S-72580  
 Received : 09/23/2021 01:58 PM Location Well #3-2  
 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 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	5.0		5	mg/L	10	09/23/2021 11:38	001 BP4U1/1
Nitrate-Nitrite (as N)	5.0		5	mg/L		09/23/2021 11:38	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	09/23/2021 10:10	001 BP4U1/1

#### Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/30/2021 11:18

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.94		1	ug/L	1	10/01/2021 3:21 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		10/01/2021 3:21 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	10/05/2021 12:42	001 VG9C1/2
1,1,1-Trichloroethane	0.68		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,1-Dichloroethane	1.4		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,1-Dichloroethene	0.81		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/05/2021 12:42	001 VG9C1/2

#### Qualifiers:

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

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise 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**

**Lab No. : 70188692002**  
**Client Sample ID.: S-111778**

Federal ID : 5103263  
 Collected : 09/23/2021 01:25 PM Point S-111778  
 Received : 09/23/2021 01:58 PM Location Well #3-3  
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	2.4		5	mg/L	10	09/23/2021 11:39	002 BP4U1/1
Nitrate-Nitrite (as N)	2.5		5	mg/L		09/23/2021 11:39	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	09/23/2021 10:11	002 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/30/2021 11:18

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.60		1	ug/L	1	10/01/2021 3:37 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	94%		1	%REC		10/01/2021 3:37 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	10/05/2021 1:08 AM	002 VG9C1/2
1,1,1-Trichloroethane	0.72		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,1-Dichloroethane	1.2		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,1-Dichloroethene	0.76		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/05/2021 1:08 AM	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  
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 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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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**

**Lab No. : 70188150003**  
**Client Sample ID.: S-12079 COMBINED VESSEL A+B**

Federal ID : 5103263  
 Collected : 09/20/2021 01:40 PM Point S-12079  
 Received : 09/20/2021 02:44 PM Location VESSEL A+B  
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	6.1		5	mg/L	10	09/22/2021 12:13	003 BP4U1/1
Nitrate-Nitrite (as N)	6.1		5	mg/L		09/22/2021 12:13	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	09/21/2021 10:20	003 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/25/2021 10:18

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.96		1	ug/L	1	09/28/2021 10:24	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	96%		1	%REC		09/28/2021 10:24	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	09/28/2021 3:45 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50	L1	1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	09/28/2021 3:45 PM	003 VG9C1/2
Bromobenzene	<0.50	L1	1	ug/L	5	09/28/2021 3:45 PM	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.

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**

**Lab No. : 70181131001**  
**Client Sample ID.: S-13876**

Federal ID : 5103263  
 Collected : 07/20/2021 02:00 PM Point S-13876  
 Received : 07/20/2021 02:38 PM Location Well #6  
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.5		5	mg/L	10	07/21/2021 2:53 AM	001 BP4U1/1
Nitrate-Nitrite (as N)	3.6	M1	5	mg/L		07/21/2021 2:53 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	07/21/2021 1:02 AM	001 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 07/23/2021 8:20 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.44		1	ug/L	1	07/23/2021 8:24 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	93%		1	%REC		07/23/2021 8:24 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	07/30/2021 7:14 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,1-Dichloroethane	0.86		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/30/2021 7:14 PM	001 VG9C1/2

Qualifiers:

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Kimberley Mack

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# Laboratory Results

Results for the samples and analytes requested  
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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

Lab No. : 70182077003  
 Client Sample ID.: PLANT 7 TOTAL BLENDED

Attn To : Mike McGovern  
 Federal ID : 5103263  
 Collected : 07/28/2021 01:20 PM Point PLANT 7  
 Received : 07/28/2021 02:11 PM Location TOTAL BLENDED  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/03/2021 2:42 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.054		1	ug/L	1	08/04/2021 9:32 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	90%		1	%REC		08/04/2021 9:32 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

Kimberley Mack

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

Date Reported: 08/12/2021



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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**

**Lab No. : 70182077001**  
**Client Sample ID.: S-26248**

Federal ID : 5103263  
 Collected : 07/28/2021 01:00 PM Point S-26248  
 Received : 07/28/2021 02:11 PM Location Well #7-1  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/03/2021 2:42 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.058		1	ug/L	1	08/04/2021 8:58 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	93%		1	%REC		08/04/2021 8:58 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	08/03/2021 8:43 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		08/03/2021 8:43 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		08/03/2021 8:43 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2
Chloroform	0.78		1	ug/L		08/03/2021 8:43 PM	001 VG9C1/2
Chloromethane	<0.50	v3	1	ug/L	5	08/03/2021 8:43 PM	001 VG9C1/2

**Qualifiers:**  
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Kimberley Mack

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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**

**Lab No. : 70182077002**  
**Client Sample ID.: S-30007**

Federal ID : 5103263  
 Collected : 07/28/2021 01:05 PM Point S-30007  
 Received : 07/28/2021 02:11 PM Location Well #7-2  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/03/2021 2:42 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.025		1	ug/L	1	08/04/2021 9:15 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	89%		1	%REC		08/04/2021 9:15 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	08/03/2021 8:17 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		08/03/2021 8:17 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		08/03/2021 8:17 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		08/03/2021 8:17 PM	002 VG9C1/2
Chloromethane	<0.50	v3	1	ug/L	5	08/03/2021 8:17 PM	002 VG9C1/2

### Qualifiers:

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Kimberley Mack

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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**

**Lab No. : 70188246003**  
**Client Sample ID.: S-20601 COMBINED VESSEL A+B**

Federal ID : 5103263  
 Collected : 09/21/2021 01:40 PM Point S-20601  
 Received : 09/21/2021 02:10 PM Location VESSEL A+B  
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	6.4		5	mg/L	10	09/22/2021 6:02 PM	003 BP3U1/1
Nitrate-Nitrite (as N)	6.4		5	mg/L		09/22/2021 6:02 PM	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	09/21/2021 10:32	003 BP3U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 10/01/2021 9:00 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.85		1	ug/L	1	10/01/2021 6:02 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		10/01/2021 6:02 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	10/01/2021 5:45 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,1-Dichloroethane	2.4		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/01/2021 5:45 PM	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.

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**

**Lab No. : 70180109001**  
**Client Sample ID.: S-22015**

Federal ID : 5103263  
 Collected : 07/12/2021 02:35 PM Point S-22015  
 Received : 07/12/2021 03:05 PM Location Well #9  
 Collected By CLIENT

### Sample Comments:

Samples were received on the same day of collection not 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: 07/16/2021 8:43 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.24		1	ug/L	1	07/16/2021 4:25 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	99%		1	%REC		07/16/2021 4:25 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	07/18/2021 5:05 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	L2,N3	1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/18/2021 5:05 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		07/18/2021 5:05 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/18/2021 5:05 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/18/2021 5:05 PM	001 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  
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 See qualifiers page for additional qualifier definitions.

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

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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**

**Lab No. : 70188689004**  
**Client Sample ID.: PLANT 10 TOTAL BLENDED EFF**

Federal ID : 5103263  
 Collected : 09/23/2021 01:15 PM Point PLANT 10  
 Received : 09/23/2021 01:58 PM Location TOTAL BLENDED EFF  
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	4.6		5	mg/L	10	09/23/2021 11:36	004 BP4U1/1
Nitrate-Nitrite (as N)	4.6		5	mg/L		09/23/2021 11:36	004 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	09/23/2021 10:08	004 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/30/2021 11:18

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.80		1	ug/L	1	10/01/2021 3:04 AM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	96%		1	%REC		10/01/2021 3:04 AM	004 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	10/03/2021 9:06 PM	004 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/03/2021 9:06 PM	004 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.  
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Jennifer Aracri

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# Laboratory Results

Results for the samples and analytes requested  
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## Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

**S. Huntington Water District**  
**P.O. BOX 370**  
**Huntington Station, NY 11746**  
**Attn To : Mike McGovern**

**Lab No. : 70188689001**  
**Client Sample ID.: S-26247**

Federal ID : 5103263  
 Collected : 09/23/2021 01:00 PM Point S-26247  
 Received : 09/23/2021 01:58 PM Location Well #10-1  
 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 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	7.6		5	mg/L	10	09/23/2021 11:30	001 BP4U1/1
Nitrate-Nitrite (as N)	7.6	M1	5	mg/L		09/23/2021 11:30	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	09/23/2021 10:05	001 BP4U1/1

#### Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/30/2021 11:18

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.4*		1	ug/L	1	10/01/2021 2:14 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		10/01/2021 2:14 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	10/03/2021 7:47 PM	001 VG9C1/2
1,1,1-Trichloroethane	2.6		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,1-Dichloroethane	1.9		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,1-Dichloroethene	2.4		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/03/2021 7:47 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/03/2021 7:47 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  
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Jennifer Aracri

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# Laboratory Results

Results for the samples and analytes requested  
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## Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

**S. Huntington Water District**  
**P.O. BOX 370**  
**Huntington Station, NY 11746**  
**Attn To : Mike McGovern**

**Lab No. : 70188689002**  
**Client Sample ID.: S-30008**

Federal ID : 5103263  
 Collected : 09/23/2021 01:05 PM Point S-30008  
 Received : 09/23/2021 01:58 PM Location Well #10-2  
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.0		5	mg/L	10	09/23/2021 11:34	002 BP4U1/1
Nitrate-Nitrite (as N)	3.0		5	mg/L		09/23/2021 11:34	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	09/23/2021 10:06	002 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/30/2021 11:18

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.41		1	ug/L	1	10/01/2021 2:30 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	96%		1	%REC		10/01/2021 2:30 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	10/03/2021 8:14 PM	002 VG9C1/2
1,1,1-Trichloroethane	0.53		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,1-Dichloroethane	0.65		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,1-Dichloroethene	0.57		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/03/2021 8:14 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/03/2021 8:14 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.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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



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# 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: Treated Well  
 Routine

**Treatment**

GAC

**S. Huntington Water District**  
**P.O. BOX 370**  
**Huntington Station, NY 11746**

**Lab No. : 70181496003**  
**Client Sample ID.: PLANT 15 TOTAL BLENDED EFF**

**Attn To : Mike McGovern**

Federal ID : 5103263

Collected : 07/22/2021 01:20 PM Point PLANT 15

Received : 07/22/2021 02:10 PM Location TOTAL BLENDED EFF

Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/29/2021 5:00 PM		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
1,4-Dioxane (p-Dioxane)	0.33		1	ug/L	1	07/30/2021 3:52 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	100%		1	%REC		07/30/2021 3:52 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: 08/02/2021

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

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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**

**Lab No. : 70181496001**  
**Client Sample ID.: S-35007 (R)**

**Attn To : Mike McGovern**  
 Federal ID : 5103263  
 Collected : 07/22/2021 01:00 PM Point S-35007 (R)  
 Received : 07/22/2021 02:10 PM Location Well #15-1  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/29/2021 5:00 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.77		1	ug/L	1	07/30/2021 3:17 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	98%		1	%REC		07/30/2021 3:17 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	07/31/2021 3:47 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.72		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,1-Dichloroethane	1.6		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,1-Dichloroethene	0.73		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Chloroethane	<0.50	L1	1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Chloroform	<0.50		1	ug/L	5	07/31/2021 3:47 PM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/31/2021 3:47 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.  
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 See qualifiers page for additional qualifier definitions.

*Kimberley Mack*  
 Kimberley Mack

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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**

**Lab No. : 70181496002**  
**Client Sample ID.: S-77126**

Federal ID : 5103263  
 Collected : 07/22/2021 01:10 PM Point S-77126  
 Received : 07/22/2021 02:10 PM Location Well #15-2  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/29/2021 5:00 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.094		1	ug/L	1	07/30/2021 3:34 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		07/30/2021 3:34 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	07/31/2021 3:20 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/31/2021 3:20 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		07/31/2021 3:20 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Chloroethane	<0.50	L1	1	ug/L	5	07/31/2021 3:20 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		07/31/2021 3:20 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/31/2021 3:20 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.  
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 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
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 See qualifiers page for additional qualifier definitions.

*Kimberley Mack*  
 Kimberley Mack

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



# 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**

**Lab No. : 70179787001**  
**Client Sample ID.: S-78124**

Federal ID : 5103263  
 Collected : 07/08/2021 01:00 PM Point S-78124  
 Received : 07/08/2021 02:34 PM Location Well #17  
 Collected By CLIENT

**Sample Comments:**

Samples were received on the same day of collection not 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: 07/14/2021 9:08 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.22		1	ug/L	1	07/15/2021 2:28 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	89%		1	%REC		07/15/2021 2:28 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	07/16/2021 6:11 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/16/2021 6:11 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		07/16/2021 6:11 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:11 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/16/2021 6:11 PM	001 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.

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

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



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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**

**Lab No. : 70179787002**  
**Client Sample ID.: S-96380**

Federal ID : 5103263  
 Collected : 07/08/2021 02:10 PM Point S-96380  
 Received : 07/08/2021 02:34 PM Location Well #18-1  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/14/2021 9:08 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	07/15/2021 2:44 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	87%		1	%REC		07/15/2021 2:44 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	07/16/2021 6:37 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/16/2021 6:37 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		07/16/2021 6:37 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	07/16/2021 6:37 PM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		07/16/2021 6:37 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/16/2021 6:37 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.

*Kimberley Mack*  
 Kimberley Mack

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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**

**Lab No. : 70180293001**  
**Client Sample ID.: S-117761**

Federal ID : 5103263  
 Collected : 07/13/2021 02:00 PM Point S-117761  
 Received : 07/13/2021 02:23 PM Location Well #18-2  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method: EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	0.034		1	mg/L	0.3	07/23/2021 9:41 PM	001 BP4N1/1

Analytical Method: EPA 522

Prep Method: EPA 522

Prep Date: 07/16/2021 11:27

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.15		1	ug/L	1	07/16/2021 10:58	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	99%		1	%REC		07/16/2021 10:58	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	07/22/2021 11:32	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/22/2021 11:32	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/22/2021 11:32	001 VG9C1/2
Bromoform	<0.50		1	ug/L		07/22/2021 11:32	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/22/2021 11:32	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.  
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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**

**Lab No. : 70179787003**  
**Client Sample ID.: S-118369**

Federal ID : 5103263  
 Collected : 07/08/2021 01:30 PM Point S-118369  
 Received : 07/08/2021 02:34 PM Location Well #19-1  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/16/2021 8:43 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	07/16/2021 1:26 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	96%		1	%REC		07/16/2021 1:26 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	07/16/2021 7:03 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/16/2021 7:03 PM	003 VG9C1/2
Bromoform	<0.50		1	ug/L		07/16/2021 7:03 PM	003 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	003 VG9C1/2
Chloroform	<0.50		1	ug/L		07/16/2021 7:03 PM	003 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/16/2021 7:03 PM	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.

*Kimberley Mack*  
 Kimberley Mack

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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**

**Lab No. : 70179787004**  
**Client Sample ID.: S-122932**

Federal ID : 5103263  
 Collected : 07/08/2021 01:50 PM Point S-122932  
 Received : 07/08/2021 02:34 PM Location Well #19-2  
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/16/2021 8:43 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	07/16/2021 2:02 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	96%		1	%REC		07/16/2021 2:02 PM	004 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	07/16/2021 7:29 PM	004 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/16/2021 7:29 PM	004 VG9C1/2
Bromoform	<0.50		1	ug/L		07/16/2021 7:29 PM	004 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 VG9C1/2
Chloroform	<0.50		1	ug/L		07/16/2021 7:29 PM	004 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/16/2021 7:29 PM	004 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.

*Kimberley Mack*  
 Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

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



# 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: Treated Well  
 Routine

## Treatment

GAC

**S. Huntington Water District**  
**P.O. BOX 370**  
**Huntington Station, NY 11746**  
**Attn To : Mike McGovern**

**Lab No. : 70180291003**  
**Client Sample ID.: S-123688 VESSEL A+B COMBINED**

Federal ID : 5103263  
 Collected : 07/13/2021 01:50 PM Point S-123688  
 Received : 07/13/2021 02:23 PM Location Well #20  
 Collected By CLIENT

### Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.3		5	mg/L	10	07/14/2021 3:19 AM	003 BP4U1/1
Nitrate-Nitrite (as N)	3.3		5	mg/L		07/14/2021 3:19 AM	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	07/14/2021 12:28	003 BP4U1/1

### Analytical Method:EPA 522

### Prep Method: EPA 522

Prep Date: 07/16/2021 11:27

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.12		1	ug/L	1	07/16/2021 9:48 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	98%		1	%REC		07/16/2021 9:48 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	07/22/2021 10:39	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/22/2021 10:39	003 VG9C1/2

### Qualifiers:

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