



architects + engineers

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

May 3, 2023

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 – 1<sup>st</sup> Quarter 2023  
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 1<sup>st</sup> quarter of 2023 (January 1, 2023, through March 31, 2023).

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. A formal request for an extension of the MCL deferral period was requested in June 2022 with a deferral extension being granted that remains in effect until July 31, 2023.

As requested by the deferral extension 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 1<sup>st</sup> Quarter of 2023, **all water delivered by the District was below the MCL for 1,4-dioxane**. During start up testing to waste, Well No. 4 had a 1<sup>st</sup> Quarter 1,4-dioxane result of 1.1 ug/l. Well No. 4 is being monitored for 1,4-dioxane in order to determine if wellhead treatment is necessary for 1,4-dioxane removal. Due to mechanical issues, Well No. 17 was not run to system and was not sampled during the 1<sup>st</sup> Quarter of 2023.

The AOP treatment at Plant No. 10 is substantially complete. Completed works approval has been received from the Department of Health. As of mid-December 2022, plant No. 10 AOP treatment is currently online and 1,4-dioxane sampling results are non-detect. The AOP treatment at Plant No. 3 is

substantially complete. Completed works approval has been received from the Department of Health - February 2023.

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 complete and has been approved. A formal request for an extension of the MCL deferral period was granted until July 2023 to allow for the treatment system at Plant No. 8 to be completed. Design for the interim AOP treatment has been completed. Construction commenced in October 2022. Construction completion date is projected for July 2023. Pre-design of the permanent AOP treatment at Well No. 8 is currently underway.

The District is also 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 also detected increasing levels of 1,4-dioxane in Well No. 15-1. The District has approved and an engineering report is being prepared for the determination of potential options for wellhead treatment of 1,4-dioxane removal at Plant No. 15.

The District has posted this Quarterly Update on the South Huntington Water District website. Final results have been received from the lab and the 1<sup>st</sup> Quarter report has been updated.

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

Very truly yours,

**H2M architects + engineers**

Timothy J. McGuire, P.E.  
Department Manager

TJM:ejm

Enclosure

cc: Board of Commissioners  
Mr. Brian O'Donnell  
Mr. Mike McGovern  
Dennis Kelleher, P.E.

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



Status as of: January 1, 2023 through March 31, 2023  
Prepared By: H2M architects+engineers

Location	Date Sampled	1,4-Dioxane (ug/L)	AOP	Notes and Comments
		Finished Water Levels	Treatment in Place (Y/N)	
Well 3-2 & 3-3 Blended	-	NS	Y	NOT RUN TO SYSTEM
Well 3-2	-	NS	Y	NOT RUN TO SYSTEM
Well 3-3	-	NS	Y	NOT RUN TO SYSTEM
Well 4	3/6/2023	<b>1.10</b>	N	GAC, STARTUP TESTING, NOT RUN TO SYSTEM
Well 6	3/15/2023	0.43	N	GAC
Well 7-1 & 7-2 Blended	3/7/2023	0.050	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 7-1/7-2
Well 7-1	3/7/2023	0.061	N	
Well 7-2	3/7/2023	0.053	N	
Well 8	-	NS	N	OUT OF SERVICE FOR AOP CONSTRUCTION
Well 9	3/6/2023	0.21	N	
Well 10-1	3/8/2023	<0.02	Y	AOP/GAC
Well 10-2	1/4/2023	<0.02	Y	AOP/GAC
Well 15-1 & 15-2 Blended	3/9/2023	0.32	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 15-1	3/15/2023	0.93	N	
Well 15-2	3/9/2023	0.38	N	
Well 17	-	NS	N	NOT RUN TO SYSTEM
Well 18-1	3/2/2023	<0.02	N	
Well 18-2	3/2/2023	0.16	N	
Well 19-1	3/2/2023	0.042	N	
Well 19-2	3/2/2023	<0.02	N	
Well 20	3/6/2023	0.18	N	GAC

  

Notes:	<p>Blended wells include:</p> <ul style="list-style-type: none"> <li>- Well Nos. 3-2 &amp; 3-3</li> <li>- Well Nos. 7-1 &amp; 7-2</li> <li>- Well Nos. 15-1 &amp; 15-2</li> </ul> <p>These blended wells have been sampled for below the MCL for 1,4-dioxane.</p>	
ND	Non-detect	<b>Bold results exceed MCL</b>
MCL	Maximum Contaminant Level	
NS	Not Sampled	
TBD	Results are not available at the time of publishing this report. Once results are received the report will be revised and reposted.	

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



Quarterly Report Date: 5/2/2023

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	10/2022	-	Y	System operational to distribution December 2022
<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	Contracts awarded October 2021
Complete Construction	6/2022	2/2023	N	Y	Received DOH Completed Works Approval February 2023
<b>Project No. 3 - Plant No. 4 AOP</b>					
Pilot Test	1/2021		-	Y	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		-	-	
Start Construction	9/2021		-	-	
Complete Construction	10/2022		-	-	
<b>Project No.4 - Plant No. 8 AOP</b>					
Pilot Test	2/2021	6/2021	Y	Y	
Engineering Report	4/2021	12/2021	N	Y	Submitted to NYSDOH February 25, 2022
Design Complete	8/2021	4/2022	N	Y	Formal design progressing at this time, expected completion 7/2022
Start Construction	10/2021	10/2022	N	Y	Interim AOP construction
Complete Construction	11/2022	7/2023	-	-	Interim AOP Startup expected July 2023
<b>Project No. 5 - Plant No. 15 AOP</b>					
Pilot Test	10/2023		-	-	The District is continuing to monitor the water quality at Well No. 15-1 before the District determines if wellhead treatment is necessary.
Engineering Report	12/2023		-	-	An Engineering Report is being prepared for wellhead treatment of 1,4-dioxane at Well No. 15-1

**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 has since determined that wellhead treatment for 1,4-dioxane is required at Plant No. 8. As per the above, a pilot test waiver/engineering report has been prepared and approved, and interim AOP treatment is under construction. Permanent AOP treatment is under preliminary design. The District is continuing to monitor the water quality at Well No. 4 before the District determines if wellhead treatment is necessary. The District will continue to monitor and will implement the necessary steps for treatment when/if applicable. An extension of the MCL deferral date was requested in June 2022 with a deferral extension being granted that remains in effect until July 31, 2023.



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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. : 70248293001**  
**Client Sample ID.: S-12079**

**Attn To : Mike McGovern**  
 Federal ID : 5103263  
 Collected : 03/06/2023 10:45 AM Point S-12079  
 Received : 03/06/2023 12:07 PM Location Well #4  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 03/07/2023 10:57		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.1*		1	ug/L	1	03/07/2023 8:44 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	107%		1	%REC		03/07/2023 8:44 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	03/07/2023 2:12 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.64		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,1-Dichloroethane	2.0		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,1-Dichloroethene	0.86		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	03/07/2023 2:12 PM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	03/07/2023 2:12 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.

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

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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. : 70249486001**  
**Client Sample ID.: S-13876**

Federal ID : 5103263  
 Collected : 03/15/2023 01:30 PM Point S-13876  
 Received : 03/15/2023 02:26 PM Location Well #6  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 03/16/2023 2:19 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.43		1	ug/L	1	03/17/2023 8:15 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	113%		1	%REC		03/17/2023 8:15 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	03/22/2023 9:07 AM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,1-Dichloroethane	0.99		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50	IC	1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Bromoform	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3,L1	1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	03/22/2023 9:07 AM	001 VG9C1/2

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

**Lab No. : 70248531002**  
**Client Sample ID.: S-26248 VES A+B**

**Attn To : Mike McGovern**

Federal ID : 5103263

Collected : 03/07/2023 02:05 PM Point S-26248 VES A+B

Received : 03/07/2023 03:13 PM Location Well #7-1 VESSEL A+B

Collected By CLIENT

### Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	1.3		5	mg/L	10	03/08/2023 1:05 AM	002 BP4U1/1
Nitrate-Nitrite (as N)	1.3		5	mg/L		03/08/2023 1:05 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	03/07/2023 11:04	002 BP4U1/1

### Analytical Method:EPA 522

### Prep Method: EPA 522

Prep Date: 03/08/2023 12:47

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.061		1	ug/L	1	03/09/2023 4:29 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	110%		1	%REC		03/09/2023 4:29 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	03/12/2023 2:32 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/12/2023 2:32 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/12/2023 2:32 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.

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**

**Lab No. : 70248530002**  
**Client Sample ID.: S-30007 VES C+D**

Federal ID : 5103263  
 Collected : 03/07/2023 02:15 PM Point S-30007 VES C+D  
 Received : 03/07/2023 03:13 PM Location Well #7-2 VESSEL C+D  
 Collected By CLIENT

### Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	0.61		5	mg/L	10	03/08/2023 1:07 AM	002 BP4U1/1
Nitrate-Nitrite (as N)	0.62		5	mg/L		03/08/2023 1:07 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	03/07/2023 11:09	002 BP4U1/1

### Analytical Method:EPA 522

### Prep Method: EPA 522

Prep Date: 03/08/2023 12:47

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.053		1	ug/L	1	03/09/2023 3:37 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	109%		1	%REC		03/09/2023 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	03/12/2023 1:39 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/12/2023 1:39 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/12/2023 1:39 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.

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**

**Lab No. : 70248530003**  
**Client Sample ID.: PLANT 7 TOTAL BLENDED**

**Attn To :** Mike McGovern  
 Federal ID : 5103263  
 Collected : 03/07/2023 02:20 PM Point PLANT 7  
 Received : 03/07/2023 03:13 PM Location TOTAL BLENDED  
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 03/08/2023 12:47		
<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)	0.050		1	ug/L	1	03/09/2023 3:54 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	108%		1	%REC		03/09/2023 3:54 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

Jennifer Aracri

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

Date Reported: 04/06/2023



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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. : 70248293003**  
**Client Sample ID.: PLANT 9 BOOSTER**

Federal ID : 5103263  
 Collected : 03/06/2023 11:25 AM Point PLANT 9 BOOSTER  
 Received : 03/06/2023 12:07 PM Location Plant 9  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	1.6		5	mg/L	10	03/06/2023 9:12 PM	003 BP4U1/1
Nitrate-Nitrite (as N)	1.6		5	mg/L		03/06/2023 9:12 PM	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	03/06/2023 8:03 PM	003 BP4U1/1

Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 03/07/2023 10:57			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.21		1	ug/L	1	03/07/2023 9:19 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		03/07/2023 9:19 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	03/07/2023 1:28 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/07/2023 1:28 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/07/2023 1:28 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.  
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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: Effluent  
 Routine

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

**Lab No. : 70248693003**  
**Client Sample ID.: WELL 10-1 AOP-1 COMB. GAC EFF**

**Attn To : Mike McGovern**

Federal ID : 5103263

Collected : 03/08/2023 02:55 PM Point S-26247 AOP-1

Received : 03/08/2023 03:30 PM Location WELL 10-1 AOP-1 COMB. GAC EFF

Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 03/09/2023 7:38 AM		
<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)	<0.020		1	ug/L	1	03/12/2023 1:56 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	113%		1	%REC		03/12/2023 1:56 AM	003 AG2R1/2

**Qualifiers:**

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Jennifer Aracri

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

Date Reported: 03/20/2023



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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**

**Lab No. : 70242096003**  
**Client Sample ID.: WELL 10-2 AOP-2 COMB GAC EFF**

**Attn To : Mike McGovern**

Federal ID : 5103263

Collected : 01/04/2023 11:10 AM Point S-30008 AOP-2

Received : 01/04/2023 01:02 PM Location WELL 10-2 AOP-2 COMB GAC EFF

Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 01/06/2023 1:48 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)	<0.020		1	ug/L	1	01/09/2023 6:10 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	105%		1	%REC		01/09/2023 6:10 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.
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Jennifer Aracri

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Date Reported: 01/10/2023



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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. : 70249486002**  
**Client Sample ID.: S-35007 (R)**

Federal ID : 5103263  
 Collected : 03/15/2023 02:00 PM Point S-35007 (R)  
 Received : 03/15/2023 02:26 PM Location Well #15-1  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 03/16/2023 2:19 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.93		1	ug/L	1	03/17/2023 8:33 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	115%		1	%REC		03/17/2023 8:33 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	03/22/2023 9:33 AM	002 VG9C1/2
1,1,1-Trichloroethane	0.80		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,1-Dichloroethane	1.6		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50	IC	1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Bromoform	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3,L1	1	ug/L	5	03/22/2023 9:33 AM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	03/22/2023 9:33 AM	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

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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. : 70248872001**  
**Client Sample ID.: S-77126**

**Attn To : Mike McGovern**

Federal ID : 5103263

Collected : 03/09/2023 01:50 PM Point S-77126

Received : 03/09/2023 02:35 PM Location Well #15-2

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.

Nitrite as N	<0.050	1	mg/L	1	03/09/2023 10:08	001 BP4U1/1
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Analytical Method: EPA 522

Prep Method: EPA 522

Prep Date: 03/10/2023 11:53

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.38		1	ug/L	1	03/12/2023 12:26	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	110%		1	%REC		03/12/2023 12:26	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	03/13/2023 3:59 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50	v3	1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		03/13/2023 3:59 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		03/13/2023 3:59 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/13/2023 3:59 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/13/2023 3:59 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.  
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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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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. : 70248872002**  
**Client Sample ID.: S-77126 VESSEL A+B**

Federal ID : 5103263  
 Collected : 03/09/2023 01:55 PM Point S-77126 VES A+B  
 Received : 03/09/2023 02:35 PM Location Well #15-2 VESSEL A+B  
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	1.2		5	mg/L	10	03/10/2023 12:55	002 BP4U1/1
Nitrate-Nitrite (as N)	1.2		5	mg/L		03/10/2023 12:55	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	03/09/2023 10:13	002 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/10/2023 11:53

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.32		1	ug/L	1	03/12/2023 1:01 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	114%		1	%REC		03/12/2023 1:01 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	03/13/2023 4:26 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,1-Dichloroethane	0.53		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50	v3	1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/13/2023 4:26 PM	002 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**

**Lab No. : 70248095003**  
**Client Sample ID.: S-96380**

**Attn To : Mike McGovern**  
 Federal ID : 5103263  
 Collected : 03/02/2023 02:20 PM Point S-96380  
 Received : 03/02/2023 03:30 PM Location Well #18-1  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 03/03/2023 10:27		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	03/06/2023 5:09 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		03/06/2023 5:09 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	03/10/2023 4:20 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Bromoform	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	03/10/2023 4:20 PM	003 VG9C1/2

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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**

**Lab No. : 70248095004**  
**Client Sample ID.: S-117761**

**Attn To : Mike McGovern**

Federal ID : 5103263

Collected : 03/02/2023 02:35 PM Point S-117761

Received : 03/02/2023 03:30 PM Location Well #18-2

Collected By CLIENT

**Sample Comments:**

RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 03/03/2023 10:27		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.16		1	ug/L	1	03/06/2023 5:27 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	112%		1	%REC		03/06/2023 5:27 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	03/10/2023 4:47 PM	004 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Bromoform	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	03/10/2023 4:47 PM	004 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	03/10/2023 4:47 PM	004 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**

**Lab No. : 70248095001**  
**Client Sample ID.: S-118369**

**Attn To : Mike McGovern**  
 Federal ID : 5103263  
 Collected : 03/02/2023 01:50 PM Point S-118369  
 Received : 03/02/2023 03:30 PM Location Well #19-1  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 03/03/2023 10:27		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.042		1	ug/L	1	03/06/2023 4:35 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	114%		1	%REC		03/06/2023 4:35 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	03/10/2023 3:27 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		03/10/2023 3:27 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		03/10/2023 3:27 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	03/10/2023 3:27 PM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	03/10/2023 3:27 PM	001 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**

**Lab No. : 70248095002**  
**Client Sample ID.: S-122932**

**Attn To : Mike McGovern**  
 Federal ID : 5103263  
 Collected : 03/02/2023 02:05 PM Point S-122932  
 Received : 03/02/2023 03:30 PM Location Well #19-2  
 Collected By CLIENT

**Sample Comments:**  
 RUN TO WASTE

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 03/03/2023 10:27		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	03/06/2023 4:52 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	111%		1	%REC		03/06/2023 4:52 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	03/10/2023 3:53 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Bromoform	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	03/10/2023 3:53 PM	002 VG9C1/2

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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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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**

**Lab No. : 70248349004**  
**Client Sample ID.: WELL 20 VESSEL A+B**

**Attn To : Mike McGovern**  
 Federal ID : 5103263  
 Collected : 03/06/2023 02:15 PM Point WELL 20 VESSEL  
 Received : 03/06/2023 02:55 PM Location Well#20  
 Collected By CLIENT Vessel A+B

### Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.6		5	mg/L	10	03/06/2023 9:26 PM	004 BP4U1/1
Nitrate-Nitrite (as N)	3.6		5	mg/L		03/06/2023 9:26 PM	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	03/06/2023 8:13 PM	004 BP4U1/1

### Analytical Method:EPA 522

### Prep Method: EPA 522

Prep Date: 03/07/2023 10:57

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.18		1	ug/L	1	03/07/2023 9:54 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	104%		1	%REC		03/07/2023 9:54 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	03/10/2023 7:53 PM	004 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/10/2023 7:53 PM	004 VG9C1/2

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