



architects + engineers

538 Broad Hollow Road, 4th Floor East
Melville, NY 11747 | tel 631.756.8000

October 10, 2022

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

Emailed To: bpwsp@health.ny.gov

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

**Re South Huntington Water District
1,4-Dioxane MCL Deferral
Emerging Contaminant Quarterly Update – 3rd Quarter 2022
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 3rd quarter of 2022 (July 1, 2022, through September 30, 2022).

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 3rd quarter of 2022, **all water delivered by the District was below the MCL for 1,4-dioxane**. You will note that Well No. 10-1 had a 3rd quarter 1,4-dioxane result of 1.2 ug/l, however Well No. 10-1 is not utilized by the District without Well No. 10-2 being in use. Therefore, the blended result of 0.75 ug/l is the maximum concentration being delivered to the system from this facility.

The AOP treatment at Plant No. 10 is substantially complete. Completed works approval has been received from the Department of Health. The AOP treatment at Plant No. 3 is currently in construction and is anticipated to be on-line by January 2023. Well Nos. 3-2 and 3-3 are currently out of service for the new AOP construction.

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 will begin in October 2022. Construction completion date is projected for March 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 is in the preliminary planning stages of proposing wellhead treatment for 1,4-dioxane removal at Plant No. 15.

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

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

Very truly yours,

H2M architects + engineers



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

DMK:amt

Enclosure

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

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



Quarterly Report Date: 10/10/2022

Prepared By: H2M architects+engineers

Milestone Description	Original Date	Revised Date	Completed (Y/N)	Delayed (Y/N)	Notes and Comments
Project No. 1 - Plant No. 10 AOP					
Pilot Test			Y	-	
Engineering Report			Y	-	Submitted to NYSDOH May 14, 2020
Design Complete			Y	-	Submitted to NYSDOH May 14, 2020
Start Construction	8/2020		-	N	Contracts awarded July 2020
Complete Construction	8/2021	10/2022	-	Y	System startup October 2022
Project No. 2 - Plant No. 3 AOP					
Pilot Test	12/2020	1/2021	Y	N	
Engineering Report	1/2021	3/2021	Y	Y	Submitted to NYSDOH March 3, 2021
Design Complete	4/2021	8/2021	Y	Y	Submitted to NYSDOH September 16, 2021
Start Construction	6/2021	10/2021	N	Y	Contracts awarded October 2021
Complete Construction	6/2022	1/2023	N	Y	Startup expected January 2022
Project No. 3 - Plant No. 4 AOP					
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		-	-	
Project No.4 - Plant No. 8 AOP					
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	3/2023	-	-	Interim AOP Startup expected July 2023

Potential Issues/Concerns/Delays Explanation:

Implementation of Project No. 4 was delayed while the District continued to monitor water quality at Well No. 8 through the 1st and 2nd quarter of 2021. The District 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.

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



Status as of: July 1, 2022 through September 30, 2022
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	N	OUT OF SERVICE FOR NEW AOP CONSTRUCTION
Well 3-2	-	NS	N	OUT OF SERVICE FOR NEW AOP CONSTRUCTION
Well 3-3	8/3/2022	0.68	N	
Well 4	9/29/2022	1.0	N	
Well 6	9/13/2022	0.42*	N	
Well 7-1 & 7-2 Blended	8/1/2022	0.085	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 7-1/7-2
Well 7-1	8/1/2022	0.12	N	
Well 7-2	8/1/2022	0.043	N	
Well 8	9/29/2022	0.91	N	GAC
Well 9	8/2/2022	0.27	N	
Well 10-1 & 10-2 Blended	8/18/2022	0.75	N	TOTAL BLENDED EFFLUENT WELL NOS. 10-1/10-2
Well 10-1	8/18/2022	1.2	N	SAMPLES WERE TAKEN PRIOR TO AOP TREATMENT BEING ONLINE
Well 10-2	8/18/2022	0.42	N	
Well 15-1 & 15-2 Blended	8/30/2022	0.40	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 15-1	8/30/2022	0.90	N	
Well 15-2	8/30/2022	0.13	N	
Well 17	7/6/2022	0.34	N	
Well 18-1	7/6/2022	0.021	N	
Well 18-2	7/7/2022	0.15	N	
Well 19-1	7/6/2022	0.032	N	
Well 19-2	7/6/2022	<0.02	N	
Well 20	7/7/2022	0.17	N	

Notes:	<p>Blended wells include:</p> <ul style="list-style-type: none"> - Well Nos. 3-2 & 3-3 - Well Nos. 7-1 & 7-2 - Well Nos. 10-1 & 10-2 - Well Nos. 15-1 & 15-2 <p>These blended wells have been sampled for below the MCL for 1,4-dioxane.</p>
ND	Non-detect
MCL	Maximum Contaminant Level
NS	Not Sampled
*	Result shown is the resample result. District investigating possible lab error in the 8/3/2022 sampling of 1.7 ppb post-GAC which is not consistent with the 0.42 ppb raw result from the same day. Lab is currently evaluating the sample."
TBD	Results are not available at the time of publishing this report. Once results are received the report will be revised and reposted.



575 Broad Hollow Road, Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
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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. : 70224388001
Client Sample ID.: S-111778

Federal ID : 5103263
 Collected : 08/03/2022 02:00 PM Point S-111778
 Received : 08/03/2022 02:33 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	2.8		1	mg/L	10	08/05/2022 6:39 AM	001 BP4U1/1
Nitrate-Nitrite (as N)	2.8		1	mg/L		08/05/2022 6:39 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	08/05/2022 5:21 AM	001 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 08/17/2022 2:09 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.68		1	ug/L	1	08/19/2022 12:41	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	100%		1	%REC		08/19/2022 12:41	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	08/16/2022 11:25	001 VG9C1/2
1,1,1-Trichloroethane	0.62		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,1-Dichloroethane	1.0		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,1-Dichloroethene	0.74		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/16/2022 11:25	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/16/2022 11:25	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.

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. : 70231380001
Client Sample ID.: S-12079

Federal ID : 5103263
 Collected : 09/28/2022 01:40 PM Point S-12079
 Received : 09/28/2022 02:25 PM Location Well #4
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	6.6		5	mg/L	10	09/30/2022 12:12	001 BP4U1/1
Nitrate-Nitrite (as N)	6.6		5	mg/L		09/30/2022 12:12	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	09/29/2022 10:46	001 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 10/09/2022 10:45

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.0		1	ug/L	1	10/10/2022 4:00 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	105%		1	%REC		10/10/2022 4:00 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	10/12/2022 10:14	001 VG9C1/2
1,1,1-Trichloroethane	0.51		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,1-Dichloroethane	1.7		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,1-Dichloroethene	0.69		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/12/2022 10:14	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/12/2022 10:14	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. : 70229083001
Client Sample ID.: S-13876

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 09/13/2022 11:20 AM Point S-13876
 Received : 09/13/2022 11:45 AM Location Well #6
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 09/23/2022 10:12		
<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)	0.42		1	ug/L	1	09/26/2022 5:21 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	102%		1	%REC		09/26/2022 5:21 PM	001 AG2R1/2

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

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: 09/27/2022



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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. : 70224201001
Client Sample ID.: S-26248

Federal ID : 5103263
 Collected : 08/01/2022 02:45 PM Point S-26248
 Received : 08/01/2022 03:55 PM Location Well #7-1
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/16/2022 10:47		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.12		1	ug/L	1	08/18/2022 7:23 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	100%		1	%REC		08/18/2022 7:23 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	08/13/2022 9:26 AM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		08/13/2022 9:26 AM	001 VG9C1/2
Bromoform	<0.50	v3	1	ug/L		08/13/2022 9:26 AM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	001 VG9C1/2
Chloroform	0.68		1	ug/L		08/13/2022 9:26 AM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	08/13/2022 9:26 AM	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
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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

Lab No. : 70224201002
Client Sample ID.: S-30007

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 08/01/2022 02:50 PM Point S-30007

Received : 08/01/2022 03:55 PM Location Well #7-2

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/16/2022 10:47		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.043		1	ug/L	1	08/18/2022 7:57 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	97%		1	%REC		08/18/2022 7:57 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	08/13/2022 8:59 AM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		08/13/2022 8:59 AM	002 VG9C1/2
Bromoform	<0.50	v3	1	ug/L		08/13/2022 8:59 AM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		08/13/2022 8:59 AM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	08/13/2022 8:59 AM	002 VG9C1/2

Qualifiers:

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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. : 70224201009
Client Sample ID.: PLANT 7 TOTAL COMINED EFF

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 08/01/2022 03:05 PM Point PLANT 7
 Received : 08/01/2022 03:55 PM Location TOTAL COMBINED EFFLUENT
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 08/16/2022 10:47		
<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)	0.085		1	ug/L	1	08/18/2022 8:47 PM	009 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		08/18/2022 8:47 PM	009 AG2R1/2

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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Jennifer Aracri

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Date Reported: 08/22/2022



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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. : 70231383004
Client Sample ID.: S-20601 VESSEL A+B

Federal ID : 5103263
 Collected : 09/28/2022 01:10 PM Point S-20601 VES A+B
 Received : 09/28/2022 02:25 PM Location Well #8 VESSEL A+B
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	5.2		5	mg/L	10	09/30/2022 12:11	004 BP4U1/1
Nitrate-Nitrite (as N)	5.2		5	mg/L		09/30/2022 12:11	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	09/29/2022 10:45	004 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 10/10/2022 11:14

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.91		1	ug/L	1	10/11/2022 7:35 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	100%		1	%REC		10/11/2022 7:35 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	10/12/2022 10:40	004 VG9C1/2
1,1,1-Trichloroethane	0.69		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,1-Dichloroethane	2.8		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,1-Dichloroethene	0.76		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
Benzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	10/12/2022 10:40	004 VG9C1/2

Qualifiers:

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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. : 70224203002
Client Sample ID.: S-22015

Federal ID : 5103263
 Collected : 08/02/2022 02:05 PM Point S-22015
 Received : 08/02/2022 03:55 PM Location Well #9
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 08/16/2022 10:47		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.27		1	ug/L	1	08/18/2022 7:06 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	98%		1	%REC		08/18/2022 7:06 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	08/11/2022 8:02 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		08/11/2022 8:02 PM	002 VG9C1/2
Bromoform	<0.50	v3	1	ug/L		08/11/2022 8:02 PM	002 VG9C1/2
Bromomethane	<0.50	L1	1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 VG9C1/2
Chloroform	0.65		1	ug/L		08/11/2022 8:02 PM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	08/11/2022 8:02 PM	002 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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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. : 70226391001
Client Sample ID.: S-26247

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 08/18/2022 01:45 PM Point S-26247

Received : 08/18/2022 02:40 PM Location Well #10-1

Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	7.1		5	mg/L	10	08/19/2022 2:20 AM	001 BP4U1/1
Nitrate-Nitrite (as N)	7.1		5	mg/L		08/19/2022 2:20 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	08/19/2022 1:20 AM	001 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/06/2022 5:07 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.2*		1	ug/L	1	09/08/2022 3:11 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	92%		1	%REC		09/08/2022 3:11 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	08/31/2022 12:03	001 VG9C1/2
1,1,1-Trichloroethane	2.4		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,1-Dichloroethane	1.9		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,1-Dichloroethene	2.1		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/31/2022 12:03	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/31/2022 12:03	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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 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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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
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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. : 70226391002
Client Sample ID.: S-30008

Federal ID : 5103263
 Collected : 08/18/2022 01:45 PM Point S-30008
 Received : 08/18/2022 02:40 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	3.3		5	mg/L	10	08/19/2022 2:21 AM	002 BP4U1/1
Nitrate-Nitrite (as N)	3.3		5	mg/L		08/19/2022 2:21 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	08/19/2022 1:21 AM	002 BP4U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 09/07/2022 11:52

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.42		1	ug/L	1	09/08/2022 3:57 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		09/08/2022 3:57 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	08/31/2022 11:37	002 VG9C1/2
1,1,1-Trichloroethane	0.52		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,L1	1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,1-Dichloroethane	0.70		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/31/2022 11:37	002 VG9C1/2

Qualifiers:

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Jennifer Aracri

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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
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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. : 70226391005
Client Sample ID.: PLANT 10 TOTAL BLENDED EFF

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 08/18/2022 01:55 PM Point PLANT 10
 Received : 08/18/2022 02:40 PM Location PLANT 10 TOTAL BLENDED EFF
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 09/07/2022 11:52		
<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)	0.75		1	ug/L	1	09/08/2022 4:44 AM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	88%		1	%REC		09/08/2022 4:44 AM	005 AG2R1/2

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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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: 10/03/2022



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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. : 70227681001
Client Sample ID.: S-35007 (R)

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 08/30/2022 02:00 PM Point S-35007 (R)

Received : 08/30/2022 03:05 PM Location Well #15-1

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 09/20/2022 11:52		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.90		1	ug/L	1	09/21/2022 10:03	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	109%		1	%REC		09/21/2022 10:03	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	09/08/2022 2:32 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.68		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,1-Dichloroethane	1.6		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,1-Dichloroethene	0.67		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		09/08/2022 2:32 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		09/08/2022 2:32 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	001 VG9C1/2
Chloroform	<0.50		1	ug/L		09/08/2022 2:32 PM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	09/08/2022 2:32 PM	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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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. : 70227683001
Client Sample ID.: S-77126

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 08/30/2022 02:15 PM Point S-77126

Received : 08/30/2022 03:05 PM Location Well #15-2

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 09/15/2022 11:57		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.13		1	ug/L	1	09/16/2022 2:37 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	107%		1	%REC		09/16/2022 2:37 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	09/09/2022 2:06 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Bromoform	<0.50	v3	1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Chloroform	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	09/09/2022 2:06 PM	001 VG9C1/2

Qualifiers:

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 U - Indicates the compound was analyzed for, but not detected
 See qualifiers page for additional qualifier definitions.

Kimberley Mack

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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
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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. : 70227683003
Client Sample ID.: PLANT 15 TOTAL BLEND EFFLUENT

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 08/30/2022 02:30 PM Point PLANT 15 EFF
 Received : 08/30/2022 03:05 PM Location PLANT 15 Total Blended Effluent
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 09/15/2022 11:57		
<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)	0.40		1	ug/L	1	09/16/2022 3:40 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	105%		1	%REC		09/16/2022 3:40 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

Kimberley Mack

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Date Reported: 09/19/2022



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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. : 70220939001
Client Sample ID.: S-78124

Federal ID : 5103263
 Collected : 07/06/2022 01:30 PM Point S-78124
 Received : 07/06/2022 03:25 PM Location Well #17
 Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/13/2022 1:00 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.34		1	ug/L	1	07/15/2022 7:46 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	100%		1	%REC		07/15/2022 7:46 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	07/15/2022 1:26 AM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/15/2022 1:26 AM	001 VG9C1/2
Bromoform	<0.50		1	ug/L		07/15/2022 1:26 AM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	001 VG9C1/2
Chloroform	<0.50		1	ug/L		07/15/2022 1:26 AM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/15/2022 1:26 AM	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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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. : 70220939002
Client Sample ID.: S-96380

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 07/06/2022 12:45 PM Point S-96380

Received : 07/06/2022 03:25 PM Location Well #18-1

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/13/2022 1:00 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.021		1	ug/L	1	07/15/2022 8:03 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	98%		1	%REC		07/15/2022 8:03 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	07/15/2022 1:52 AM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/15/2022 1:52 AM	002 VG9C1/2
Bromoform	<0.50		1	ug/L		07/15/2022 1:52 AM	002 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 VG9C1/2
Chloroform	<0.50		1	ug/L		07/15/2022 1:52 AM	002 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/15/2022 1:52 AM	002 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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Jennifer Aracri

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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

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

Lab No. : 70221158003
Client Sample ID.: S-117761

Federal ID : 5103263
 Collected : 07/07/2022 02:45 PM Point S-117761
 Received : 07/07/2022 03:21 PM Location Well #18-2
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/15/2022 10:52		
<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)	0.15		1	ug/L	1	07/16/2022 4:48 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	83%		1	%REC		07/16/2022 4:48 AM	003 AG2R1/2

Qualifiers:

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Date Reported: 07/18/2022



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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. : 70220939003
Client Sample ID.: S-118369

Federal ID : 5103263
 Collected : 07/06/2022 12:10 PM Point S-118369
 Received : 07/06/2022 03:25 PM Location Well #19-1
 Collected By CLIENT

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	0.039		1	mg/L	0.3	07/13/2022 8:15 PM	003 BP3N1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 07/13/2022 1:00 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.032		1	ug/L	1	07/15/2022 8:20 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	103%		1	%REC		07/15/2022 8:20 AM	003 AG2R1/2

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/15/2022 2:19 AM	003 VG9C1/2
Bromoform	<0.50		1	ug/L		07/15/2022 2:19 AM	003 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/15/2022 2:19 AM	003 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:19 AM	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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 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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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

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

Lab No. : 70220939004
Client Sample ID.: S-122932

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 07/06/2022 12:30 PM Point S-122932

Received : 07/06/2022 03:25 PM Location Well #19-2

Collected By CLIENT

Analytical Method: EPA 522		Prep Method: EPA 522			Prep Date: 07/13/2022 1:00 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	07/15/2022 8:37 AM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	82%		1	%REC		07/15/2022 8:37 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	07/15/2022 2:45 AM	004 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Benzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		07/15/2022 2:45 AM	004 VG9C1/2
Bromoform	<0.50		1	ug/L		07/15/2022 2:45 AM	004 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 VG9C1/2
Chloroform	<0.50		1	ug/L		07/15/2022 2:45 AM	004 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	07/15/2022 2:45 AM	004 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.

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.



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

Laboratory Results

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

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

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

Lab No. : 70221164002
Client Sample ID.: S-123688

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 07/07/2022 02:00 PM Point S-123688
 Received : 07/07/2022 03:21 PM Location Well #20
 Collected By CLIENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 07/15/2022 10:52		
<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)	0.17		1	ug/L	1	07/16/2022 4:31 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	92%		1	%REC		07/16/2022 4:31 AM	002 AG2R1/2

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Jennifer Aracri

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Date Reported: 07/18/2022



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www.pacelabs.com

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. : 70224389004
Client Sample ID.: S-13876 VESSEL A+B

Federal ID : 5103263
 Collected : 08/03/2022 01:40 PM Point S-13876 VES A+B
 Received : 08/03/2022 02:33 PM Location Well #6 VESSEL A+B
 Collected By CLIENT

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	4.5		5	mg/L	10	08/05/2022 6:58 AM	004 BP3U1/1
Nitrate-Nitrite (as N)	4.5		5	mg/L		08/05/2022 6:58 AM	004 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	08/05/2022 5:20 AM	004 BP3U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 08/17/2022 2:09 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.7*		1	ug/L	1	08/19/2022 1:32 AM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	105%		1	%REC		08/19/2022 1:32 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	08/16/2022 10:59	004 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,1-Dichloroethane	1.0		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
Benzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	08/16/2022 10:59	004 VG9C1/2

Qualifiers:

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