



architects + engineers

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

April 8, 2021

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

Emailed To: bpwsp@health.ny.gov

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 – 1st Quarter 2021
Public Water System ID# NY5103263**

Dear Ms. Wheeler and Mr. Hime:

On behalf of the South Huntington Water District, our office has prepared the enclosed emerging contaminant quarterly update for the 1st quarter of 2021 (January 1, 2021 through March 31, 2021).

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

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

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

In summary, during the 1st quarter of 2021, **all water delivered by the District was below the MCL for 1,4-dioxane.**

The AOP treatment at Plant No. 10 is under construction and should be on-line by fall 2021. The AOP treatment at Plant No. 3 is under design and is anticipated to be on-line by July 2022.


The District is continuing to monitor the water quality at Well Nos. 4 and 8 before the District determines if wellhead treatment is necessary.

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

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

Very truly yours,

H2M architects + engineers



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

DMK:ec

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: 4/8/2021

Prepared By: H2M architects+engineers

Milestone Description	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		N	Startup expected September 2021
Project No. 2 - Plant No. 3 AOP				
Pilot Test	12/2020	Y	N	
Engineering Report	1/2021	Y	Y	Engineering report submitted 03/2021
Design Complete	4/2021	N	Y	Design progressing, expected completion 07/2021
Start Construction	6/2021	N	N	Construction start expected 09/2021
Complete Construction	6/2022	N	N	Project scope streamlined to meet construction completion date
Project No. 3 - Plant No. 4 AOP				
Pilot Test	1/2021	-	-	The District is continuing to monitor the water quality at Well Nos. 4 before the District determines if wellhead treatment is necessary.
Engineering Report	3/2021	-	-	
Design Complete	7/2021	-	-	Anticipated design completion based if wellhead treatment is necessary
Start Construction	9/2021	-	-	
Complete Construction	10/2022	-	-	Startup expected November 2022
Project No.4 - Plant No. 8 AOP				
Pilot Test	2/2021	-	-	The District is continuing to monitor the water quality at Well Nos. 8 before the District determines if wellhead treatment is necessary.
Engineering Report	4/2021	-	-	
Design Complete	8/2021	-	-	Anticipated design completion based if wellhead treatment is necessary
Start Construction	10/2021	-	-	
Complete Construction	11/2022	-	-	Startup expected December 2022
Potential Issues/Concerns/Delays Explanation:				
The District is continuing to monitor the water quality at Well Nos. 4 and 8 before the District determines if wellhead treatment is necessary.				

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



Status as of: January 1, 2021 through March 31, 2021
Prepared By: H2M architects+engineers

Location	Date Sampled	1,4-Dioxane (ug/L)	AOP Treatment in Place (Y/N)	Notes and Comments
		Finished Water Levels		
Well 3-2 & 3-3 Blended	1/21/2021	0.71	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 3-2/3-3 RUN TO SYSTEM FOR SAMPLE TOTAL
Well 3-2	1/21/2021	0.89	N	
Well 3-3	1/21/2021	0.54	N	
Well 4	1/5/2021	0.75	N	RUN TO WASTE
Well 6	1/21/2021	0.25	N	RUN TO WASTE
Well 7-1 & 7-2 Blended	1/12/2021	0.037	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 7-1/7-2
Well 7-1	1/12/2021	0.029	N	
Well 7-2	1/12/2021	0.041	N	
Well 8	1/5/2021	0.81	N	RUN TO WASTE
Well 9	1/5/2021	0.21	N	
Well 10-1 & 10-2 Blended	1/21/2021	0.72	N	RUN TO SYSTEM FOR SAMPLE TOTAL
Well 10-1	1/28/2021	1.0	N	
Well 10-2	1/28/2021	0.54	N	
Well 15-1 & 15-2 Blended	1/13/2021	0.37	N	GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2
Well 15-1	1/13/2021	0.65	N	
Well 15-2	1/13/2021	0.14	N	
Well 17	1/21/2021	0.21	N	RUN TO WASTE
Well 18-1	1/4/2021	0.10	N	
Well 18-2	1/4/2021	0.14	N	RUN TO WASTE
Well 19-1	1/4/2021	ND	N	
Well 19-2	1/4/2021	ND	N	RUN TO WASTE
Well 20	1/5/2021	0.12	N	
Notes: Blended wells include: - Well Nos. 3-2 & 3-3 - Well Nos. 7-1 & 7-2 - Well Nos. 10-1 & 10-2 - Well Nos. 15-1 & 15-2 These blended wells have been sampled for below the MCL for 1,4-dioxane. ND Non-detect Bold results exceed MCL MCL Maximum Contaminant Level NS Not Sampled				

Water Quality Test Results Attachments to Follow



Laboratory Results

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

Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

GAC

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70160124009
Client Sample ID.: S-72580/S-111778

Federal ID : 5103263
 Collected : 01/21/2021 11:15 AM Point S-72580/S-111778
 Received : 01/21/2021 11:28 AM Location Well #3-2/Well #3-3
 Collected By CLIENT

Sample Comments:
 TOTAL BLENDED EFFLUENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 01/27/2021 9:31 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)	0.71		1	ug/L	1	01/27/2021 11:23	009 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	91%		1	%REC		01/27/2021 11:23	009 AG2R1/2

Qualifiers:

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

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

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

Date Reported: 02/03/2021



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
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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 : Kenneth Carsten

Lab No. : 70160124001
Client Sample ID.: S-72580 (R)

Federal ID : 5103263
 Collected : 01/21/2021 11:00 AM Point S-72580
 Received : 01/21/2021 11:28 AM Location Well #3-2
 Collected By CLIENT

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/25/2021 4:03 AM	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	6.1		5	mg/L	10	01/21/2021 9:18 PM	001 BP4U1/2
Nitrate-Nitrite (as N)	6.1		5	mg/L		01/21/2021 9:18 PM	001 BP4U1/2

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/21/2021 7:53 PM	001 BP4U1/2

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/27/2021 9:31 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.89		1	ug/L	1	01/27/2021 10:50	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	89%		1	%REC		01/27/2021 10:50	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	02/01/2021 3:02 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.68		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,1-Dichloroethane	1.3		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,1-Dichloroethene	0.88		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	02/01/2021 3:02 PM	001 VG9C1/2

Qualifiers:

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Kimberley Mack

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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70160124002
Client Sample ID.: S-111778 (R)

Federal ID : 5103263
 Collected : 01/21/2021 10:15 AM Point S-111778
 Received : 01/21/2021 11:28 AM Location Well #3-3
 Collected By CLIENT

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/25/2021 4:29 AM	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	2.6		5	mg/L	10	01/21/2021 9:22 PM	002 BP4U1/2
Nitrate-Nitrite (as N)	2.6		5	mg/L		01/21/2021 9:22 PM	002 BP4U1/2

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/21/2021 7:59 PM	002 BP4U1/2

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/27/2021 9:31 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.54		1	ug/L	1	01/27/2021 11:07	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	89%		1	%REC		01/27/2021 11:07	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	02/02/2021 10:59	002 VG9C1/2
1,1,1-Trichloroethane	0.82		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,1-Dichloroethane	0.96		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,1-Dichloroethene	0.86		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	02/02/2021 10:59	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	02/02/2021 10:59	002 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 : Kenneth Carsten

Lab No. : 70158232002
Client Sample ID.: S-12079

Federal ID : 5103263
 Collected : 01/05/2021 10:30 AM Point S-12079
 Received : 01/05/2021 10:41 AM Location Well #4
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 7:01 PM	

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	6.9		5	mg/L	10	01/05/2021 9:58 PM	002 BP4U1/2
Nitrate-Nitrite (as N)	7.0		5	mg/L		01/05/2021 9:58 PM	002 BP4U1/2

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/05/2021 7:37 PM	002 BP4U1/2

Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 01/08/2021 11:30			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.75		1	ug/L	1	01/09/2021 7:18 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	86%		1	%REC		01/09/2021 7:18 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	01/10/2021 7:20 PM	002 VG9C1/2
1,1,1-Trichloroethane	0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,1-Dichloroethane	1.7		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,1-Dichloroethene	0.95		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/10/2021 7:20 PM	002 VG9C1/2

Qualifiers:
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Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

GAC

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70159136004
Client Sample ID.: S-26248/S-30007

Federal ID : 5103263
 Collected : 01/12/2021 01:49 AM Point S-26248/S-30007
 Received : 01/12/2021 02:04 PM Location Well #7-1/Well #7-2
 Collected By CLIENT

Sample Comments:
 TOTAL BLENDED EFFLUENT

<u>Analytical Method:</u> EPA 522		<u>Prep Method:</u> EPA 522			<u>Prep Date:</u> 01/19/2021 8:56 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)	0.037		1	ug/L	1	01/19/2021 9:14 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	96%		1	%REC		01/19/2021 9:14 PM	004 AG2R1/2

Qualifiers:

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

Kimberley Mack

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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: 02/02/2021



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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70159144001
Client Sample ID.: S-26248

Federal ID : 5103263
 Collected : 01/12/2021 01:15 PM Point S-26248
 Received : 01/12/2021 02:04 PM Location Well #7-1
 Collected By CLIENT

Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/27/2021 10:23	

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	1.2		5	mg/L	10	01/12/2021 9:10 PM	001 BP4U1/2
Nitrate-Nitrite (as N)	1.2		5	mg/L		01/12/2021 9:10 PM	001 BP4U1/2

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/12/2021 7:15 PM	001 BP4U1/2

Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 01/19/2021 8:56 AM			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.029		1	ug/L	1	01/19/2021 9:47 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		01/19/2021 9:47 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	01/22/2021 12:00	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:00	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/22/2021 12:00	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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Kimberley Mack

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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70159144002
Client Sample ID.: S-30007

Federal ID : 5103263
 Collected : 01/12/2021 01:20 PM Point S-30007
 Received : 01/12/2021 02:04 PM Location Well #7-2
 Collected By CLIENT

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/27/2021 10:49	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	0.49		1	mg/L	10	01/12/2021 9:11 PM	002 BP4U1/2
Nitrate-Nitrite (as N)	0.50		1	mg/L		01/12/2021 9:11 PM	002 BP4U1/2

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/12/2021 7:16 PM	002 BP4U1/2

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/19/2021 8:56 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.041		1	ug/L	1	01/19/2021 10:19	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	91%		1	%REC		01/19/2021 10:19	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	01/22/2021 12:27	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/22/2021 12:27	002 VG9C1/2

Qualifiers:

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Kimberley Mack

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70158232001
Client Sample ID.: S-20601

Federal ID : 5103263
 Collected : 01/05/2021 10:00 AM Point S-20601
 Received : 01/05/2021 10:41 AM Location Well #8
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 6:06 PM	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	5.5		5	mg/L	10	01/05/2021 9:57 PM	001 BP4U1/2
Nitrate-Nitrite (as N)	5.5		5	mg/L		01/05/2021 9:57 PM	001 BP4U1/2

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/05/2021 7:36 PM	001 BP4U1/2

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/08/2021 11:30

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.81		1	ug/L	1	01/09/2021 7:02 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	91%		1	%REC		01/09/2021 7:02 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	01/10/2021 6:54 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.96		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,1-Dichloroethane	2.6		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,1-Dichloroethene	1.2		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/10/2021 6:54 PM	001 VG9C1/2

Qualifiers:

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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 : Kenneth Carsten

Lab No. : 70158306002
Client Sample ID.: S-22015

Federal ID : 5103263
 Collected : 01/05/2021 02:00 PM Point S-22015
 Received : 01/05/2021 02:46 PM Location Well #9
 Collected By CLIENT

Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 8:21 PM	
Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	0.88		5	mg/L	10	01/05/2021 10:19	002 BP4U1/2
Nitrate-Nitrite (as N)	0.89		5	mg/L		01/05/2021 10:19	002 BP4U1/2
Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/05/2021 7:54 PM	002 BP4U1/2
Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 01/08/2021 11:30			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.21		1	ug/L	1	01/09/2021 8:23 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	90%		1	%REC		01/09/2021 8:23 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	01/13/2021 10:22	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	L1,N3	1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/13/2021 10:22	002 VG9C1/2

Qualifiers:
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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 : Kenneth Carsten

Lab No. : 70160806003
Client Sample ID.: S-26247

Federal ID : 5103263
 Collected : 01/28/2021 09:05 AM Point S-26247
 Received : 01/28/2021 11:07 AM Location Well #10-1
 Collected By CLIENT

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	02/09/2021 6:50 AM	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	7.2		5	mg/L	10	01/28/2021 9:28 PM	003 BP4U1/2
Nitrate-Nitrite (as N)	7.2		5	mg/L		01/28/2021 9:28 PM	003 BP4U1/2

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/28/2021 8:07 PM	003 BP4U1/2

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 02/05/2021 9:36 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	1.0		1	ug/L	1	02/05/2021 10:48	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	80%		1	%REC		02/05/2021 10:48	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	02/07/2021 5:38 PM	003 VG9C1/2
1,1,1-Trichloroethane	1.7		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,1-Dichloroethane	2.7		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,1-Dichloroethene	1.3		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	02/07/2021 5:38 PM	003 VG9C1/2

Qualifiers:

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

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70160806004
Client Sample ID.: S-30008

Federal ID : 5103263
 Collected : 01/28/2021 09:15 AM Point S-30008
 Received : 01/28/2021 11:07 AM Location Well #10-2
 Collected By CLIENT

Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	02/09/2021 7:16 AM	

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.7		5	mg/L	10	01/28/2021 9:30 PM	004 BP4U1/2
Nitrate-Nitrite (as N)	3.7		5	mg/L		01/28/2021 9:30 PM	004 BP4U1/2

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/28/2021 8:08 PM	004 BP4U1/2

Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 02/05/2021 9:36 AM			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.54		1	ug/L	1	02/05/2021 11:05	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	84%		1	%REC		02/05/2021 11:05	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	02/07/2021 6:04 PM	004 VG9C1/2
1,1,1-Trichloroethane	0.93		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,1-Dichloroethane	1.1		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,1-Dichloroethene	0.94		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	02/07/2021 6:04 PM	004 VG9C1/2

Qualifiers:
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Kimberley Mack
 Kimberley Mack

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

GAC

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70159336006
Client Sample ID.: S-35007/S-77126

Federal ID : 5103263
 Collected : 01/13/2021 01:25 PM Point S-35007/S-77126
 Received : 01/13/2021 01:52 PM Location Well #15-1/Well #15-2
 Collected By CLIENT

Sample Comments:
 TOTAL BLENDED EFFLUENT

<u>Analytical Method:</u> EPA 522	<u>Prep Method:</u> EPA 522				<u>Prep Date:</u> 01/21/2021 9:22 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)	0.37		1	ug/L	1	01/21/2021 11:35	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	95%		1	%REC		01/21/2021 11:35	006 AG2R1/2

Qualifiers:

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

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Date Reported: 02/01/2021



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70159336001
Client Sample ID.: S-35007 (R)

Federal ID : 5103263
 Collected : 01/13/2021 01:00 PM Point S-35007
 Received : 01/13/2021 01:52 PM Location Well #15-1
 Collected By CLIENT

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/31/2021 7:36 PM	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	2.1		5	mg/L	10	01/13/2021 10:14	001 BP4U1/2
Nitrate-Nitrite (as N)	2.2		5	mg/L		01/13/2021 10:14	001 BP4U1/2

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/13/2021 8:27 PM	001 BP4U1/2

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/21/2021 9:22 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.65		1	ug/L	1	01/21/2021 10:46	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	92%		1	%REC		01/21/2021 10:46	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	01/24/2021 7:57 PM	001 VG9C1/2
1,1,1-Trichloroethane	0.60		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	L1,N3	1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,1-Dichloroethane	1.2		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,1-Dichloroethene	0.64		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/24/2021 7:57 PM	001 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 : Kenneth Carsten

Lab No. : 70159336002
Client Sample ID.: S-77126 (R)

Federal ID : 5103263
 Collected : 01/13/2021 01:00 PM Point S-77126
 Received : 01/13/2021 01:52 PM Location Well #15-2
 Collected By CLIENT

Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/31/2021 8:02 PM	

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	0.63		5	mg/L	10	01/13/2021 10:18	002 BP4U1/2
Nitrate-Nitrite (as N)	0.64		5	mg/L		01/13/2021 10:18	002 BP4U1/2

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/13/2021 8:31 PM	002 BP4U1/2

Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 01/21/2021 9:22 AM			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.14		1	ug/L	1	01/21/2021 11:03	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	91%		1	%REC		01/21/2021 11:03	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	01/24/2021 7:31 PM	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	L1,N3	1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/24/2021 7:31 PM	002 VG9C1/2

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
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 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
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Kimberley Mack

Kimberley Mack

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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70158121001
Client Sample ID.: S-96380

Federal ID : 5103263
 Collected : 01/04/2021 01:50 PM Point S-96380
 Received : 01/04/2021 02:37 PM Location Well #18-1
 Collected By CLIENT

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 2:07 AM	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	1.5		5	mg/L	10	01/04/2021 9:14 PM	001 BP4U1/3
Nitrate-Nitrite (as N)	1.5		5	mg/L		01/04/2021 9:14 PM	001 BP4U1/3

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/04/2021 7:42 PM	001 BP4U1/3

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/07/2021 10:00

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.10		1	ug/L	1	01/08/2021 8:06 AM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	90%		1	%REC		01/08/2021 8:06 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	01/06/2021 10:04	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 10:04	001 VG9C1/2

Qualifiers:

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 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
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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 : Kenneth Carsten

Lab No. : 70158121002
Client Sample ID.: S-117761

Federal ID : 5103263
 Collected : 01/04/2021 02:00 PM Point S-117761
 Received : 01/04/2021 02:37 PM Location Well #18-2
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

Analytical Method:EPA 200.7							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	0.032		1	mg/L	0.3	01/07/2021 5:36 PM	002 BP4N1/1
Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 2:33 AM	
Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	1.5		5	mg/L	10	01/04/2021 9:15 PM	002 BP4U1/3
Nitrate-Nitrite (as N)	1.5		5	mg/L		01/04/2021 9:15 PM	002 BP4U1/3
Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/04/2021 7:48 PM	002 BP4U1/3
Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 01/07/2021 10:00			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.14		1	ug/L	1	01/08/2021 8:22 AM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	92%		1	%REC		01/08/2021 8:22 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	01/07/2021 12:25	002 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	L1,N3	1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/07/2021 12:25	002 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/07/2021 12:25	002 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 : Kenneth Carsten

Lab No. : 70158121003
Client Sample ID.: S-118369

Federal ID : 5103263
 Collected : 01/04/2021 01:10 PM Point S-118369
 Received : 01/04/2021 02:37 PM Location Well #19-1
 Collected By CLIENT

Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 3:00 AM	

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	0.91		1	mg/L	10	01/04/2021 9:16 PM	003 BP4U1/3
Nitrate-Nitrite (as N)	0.92		1	mg/L		01/04/2021 9:16 PM	003 BP4U1/3

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/04/2021 7:49 PM	003 BP4U1/3

Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 01/07/2021 10:00			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	01/08/2021 8:39 AM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	90%		1	%REC		01/08/2021 8:39 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	01/06/2021 10:55	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 10:55	003 VG9C1/2

Qualifiers:
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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 : Kenneth Carsten

Lab No. : 70158121004
Client Sample ID.: S-122932

Federal ID : 5103263
 Collected : 01/04/2021 01:15 PM Point S-122932
 Received : 01/04/2021 02:37 PM Location Well #19-2
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

Analytical Method:EPA 314.0							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 3:26 AM	

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	0.88		1	mg/L	10	01/04/2021 9:18 PM	004 BP4U1/3
Nitrate-Nitrite (as N)	0.88		1	mg/L		01/04/2021 9:18 PM	004 BP4U1/3

Analytical Method:EPA 353.2							
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/04/2021 7:50 PM	004 BP4U1/3

Analytical Method:EPA 522		Prep Method: EPA 522		Prep Date: 01/07/2021 10:00			
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	<0.020		1	ug/L	1	01/08/2021 9:11 AM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	87%		1	%REC		01/08/2021 9:11 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	01/06/2021 11:21	004 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/06/2021 11:21	004 VG9C1/2

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

S. Huntington Water District
P.O. Box 370
Huntington Station, NY 11746
Attn To : Kenneth Carsten

Lab No. : 70158306001
Client Sample ID.: S-123688

Federal ID : 5103263
 Collected : 01/05/2021 01:25 PM Point S-123688
 Received : 01/05/2021 02:46 PM Location Well #20
 Collected By CLIENT

Analytical Method:EPA 314.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perchlorate	<4.00		1	ug/L	18	01/12/2021 7:54 PM	

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.2		5	mg/L	10	01/05/2021 10:18	001 BP4U1/2
Nitrate-Nitrite (as N)	3.2		5	mg/L		01/05/2021 10:18	001 BP4U1/2

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/05/2021 7:53 PM	001 BP4U1/2

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/08/2021 9:30 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.12		1	ug/L	1	01/08/2021 10:25	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	88%		1	%REC		01/08/2021 10:25	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	01/13/2021 9:56 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	L1,N3	1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,2-Dichloropropane	1.5		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/13/2021 9:56 PM	001 VG9C1/2

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