



architects + engineers

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Melville, NY 11747 | tel 631.756.8000

April 8, 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 – 1st 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 1st quarter of 2022 (January 1, 2022 through March 31, 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.

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 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 1st quarter 1,4-dioxane result of 1.1 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 0.78 ug/l is the maximum concentration being delivered to the system from this facility.

The AOP treatment at Plant No. 10 is under construction and is nearing completion. Performance testing and water quality sampling has recently been completed with the performance report and completed works application expected at this same time. The plant is expected to be on-line by the beginning of May 2022. The AOP treatment at Plant No. 3 is currently in construction and is anticipated to be on-line by August 2022.

As noted in the attached progress report, the District is proceeding with AOP treatment at Plant No. 8 at this time. The engineering report is now complete and has been submitted. Design has been started, with construction anticipated to begin in August 2022, and construction being complete in July 2023. A formal request for an extension of the MCL deferral period will be requested in June 2022 to allow for the treatment system at Plant No. 8 to be completed.

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 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. NYS103263
Progress, Potential Issues and Water Quality Update



Quarterly Report Date: 4/8/2022

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 | 5/2022 | - | Y | System startup expected April 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 | 8/2022 | N | Y | Startup expected August 2022 |
| Project No. 3 - Plant No. 4 AOP | | | | | |
| Pilot Test | 1/2021 | | - | - | The District is continuing to monitor the water quality at Well No. 4 before the District determines if wellhead treatment is necessary. |
| Engineering Report | 3/2021 | | - | - | |
| Design Complete | 7/2021 | | - | - | Anticipated design completion based if wellhead treatment is necessary. |
| Start Construction | 9/2021 | | - | - | |
| Complete Construction | 10/2022 | | - | - | Startup expected November 2022 |
| Project No.4 - Plant No. 8 AOP | | | | | |
| Pilot Test | 2/2021 | 6/2021 | Y | Y | |
| Engineering Report | 4/2021 | 12/2021 | N | Y | 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 | 5/2022 | N | Y | |
| Complete Construction | 11/2022 | 7/2023 | - | - | Startup expected July 2023 |

Potential Issues/Concerns/Delays Explanation:

Implementation of Project No. 4 was delayed while the District continued to monitor water quality at Well No. 8 through the 1st and 2nd quarter of 2021. The District 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 submitted. 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 may be necessary to allow for the completion of these projects.

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



Status as of: January 1, 2022 through March 31, 2022
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 | - | NS | N | Out of service for new AOP construction |
| Well 3-2 | - | NS | N | |
| Well 3-3 | - | NS | N | |
| Well 4 | 2/23/2022 | 0.70 | N | GAC, TOTAL BLENDED EFFLUENT WELL NOS. 7-1/7-2 |
| Well 6 | 2/23/2022 | 0.33 | N | |
| Well 7-1 & 7-2 Blended | 3/9/2022 | 0.054 | N | |
| Well 7-1 | 3/9/2022 | 0.049 | N | |
| Well 7-2 | 3/9/2022 | 0.034 | N | |
| Well 8 | 2/23/2022 | 0.86 | N | |
| Well 9 | 3/1/2022 | 0.23 | N | |
| Well 10-1 & 10-2 Blended | 3/3/2022 | 0.78 | N | |
| Well 10-1 | 3/3/2022 | 1.1 | N | GAC, TOTAL BLENDED EFFLUENT WELL NOS. 15-1/15-2 |
| Well 10-2 | 3/3/2022 | 0.56 | N | |
| Well 15-1 & 15-2 Blended | 3/15/2022 | 0.41 | N | |
| Well 15-1 | 3/15/2022 | 0.52 | N | |
| Well 15-2 | 3/15/2022 | 0.19 | N | |
| Well 17 | 3/2/2022 | 0.28 | N | |
| Well 18-1 | 2/24/2022 | ND | N | |
| Well 18-2 | 2/24/2022 | 0.14 | N | |
| Well 19-1 | 2/24/2022 | ND | N | |
| Well 19-2 | 2/28/2022 | ND | N | |
| Well 20 | 2/28/2022 | 0.15 | 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



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
Attn To : Mike McGovern

Lab No. : 70205265001
Client Sample ID.: S-12079

Federal ID : 5103263
 Collected : 02/23/2022 01:30 PM Point S-12079
 Received : 02/23/2022 01:50 PM Location Well #4
 Collected By CLIENT

Sample Comments:

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

RUN TO WASTE

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrate as N | 6.1 | | 5 | mg/L | 10 | 02/25/2022 1:34 AM | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 6.1 | | 5 | mg/L | | 02/25/2022 1:34 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 | 02/25/2022 12:11 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 02/25/2022 12:46

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.70 | | 1 | ug/L | 1 | 02/28/2022 12:17 | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 96% | | 1 | %REC | | 02/28/2022 12:17 | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | 1.2 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | 0.65 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 3:23 PM | 001 VG9C1/2 |

Qualifiers:

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

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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



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Laboratory Results

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. : 70205264001
Client Sample ID.: S-13876

Federal ID : 5103263
 Collected : 02/23/2022 10:50 AM Point S-13876
 Received : 02/23/2022 01:50 PM Location Well #6
 Collected By CLIENT

Sample Comments:

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

RUN TO WASTE

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrate as N | 3.3 | | 5 | mg/L | 10 | 02/25/2022 1:31 AM | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 3.4 | | 5 | mg/L | | 02/25/2022 1:31 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 | 02/24/2022 11:35 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 02/25/2022 12:46

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.33 | | 1 | ug/L | 1 | 02/28/2022 11:59 | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 89% | | 1 | %REC | | 02/28/2022 11:59 | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | 1.1 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:56 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
 U - Indicates the compound was analyzed for, but not detected
 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

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

Lab No. : 70206825001
Client Sample ID.: S-26248

Federal ID : 5103263
 Collected : 03/09/2022 01:30 PM Point S-26248
 Received : 03/09/2022 02:50 PM Location Well #7-1
 Collected By CLIENT

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrate as N | 1.4 | | 1 | mg/L | 10 | 03/10/2022 4:29 AM | 001 BP4U1/2 |
| Nitrate-Nitrite (as N) | 1.4 | | 1 | mg/L | | 03/10/2022 4:29 AM | 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 | 03/10/2022 1:40 AM | 001 BP4U1/2 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/16/2022 7:47 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.049 | | 1 | ug/L | 1 | 03/16/2022 10:42 | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 98% | | 1 | %REC | | 03/16/2022 10:42 | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:22 AM | 001 VG9C1/2 |

Qualifiers:

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 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
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 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

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

Lab No. : 70206825005
Client Sample ID.: S-30007

Federal ID : 5103263
 Collected : 03/09/2022 01:35 PM Point S-30007
 Received : 03/09/2022 02:50 PM Location Well #7-2
 Collected By CLIENT

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrate as N | 0.20 | | 1 | mg/L | 10 | 03/10/2022 4:30 AM | 005 BP4U1/1 |
| Nitrate-Nitrite (as N) | 0.22 | | 1 | mg/L | | 03/10/2022 4:30 AM | 005 BP4U1/1 |

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrite as N | <0.050 | | 1 | mg/L | 1 | 03/10/2022 1:42 AM | 005 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/16/2022 7:47 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.034 | | 1 | ug/L | 1 | 03/16/2022 11:14 | 005 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 103% | | 1 | %REC | | 03/16/2022 11:14 | 005 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/23/2022 2:48 AM | 005 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. : 70206825006
Client Sample ID.: PLANT 7 TOTAL BLENDED EFF

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 03/09/2022 01:50 PM Point PLANT 7
 Received : 03/09/2022 02:50 PM Location TOTAL BLENDED EFF
 Collected By CLIENT

| <u>Analytical Method:</u> EPA 522 | | <u>Prep Method:</u> EPA 522 | | | <u>Prep Date:</u> 03/16/2022 7:47 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) | 0.054 | | 1 | ug/L | 1 | 03/16/2022 11:46 | 006 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 99% | | 1 | %REC | | 03/16/2022 11:46 | 006 AG2R1/2 |

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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Date Reported: 03/23/2022



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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. : 70205263001
Client Sample ID.: S-20601

Federal ID : 5103263
 Collected : 02/23/2022 01:00 PM Point S-20601
 Received : 02/23/2022 01:50 PM Location Well #8
 Collected By CLIENT

Sample Comments:

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

RUN TO WASTE

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrate as N | 5.7 | | 5 | mg/L | 10 | 02/25/2022 1:33 AM | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 5.8 | | 5 | mg/L | | 02/25/2022 1:33 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 | 02/25/2022 12:02 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 02/25/2022 12:46

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.86 | | 1 | ug/L | 1 | 02/28/2022 11:41 | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 95% | | 1 | %REC | | 02/28/2022 11:41 | 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 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | 0.78 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | 2.7 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | 1.2 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 2:30 PM | 001 VG9C1/2 |

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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

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

Lab No. : 70205802001
Client Sample ID.: S-22015

Federal ID : 5103263
 Collected : 03/01/2022 01:30 PM Point S-22015
 Received : 03/01/2022 02:27 PM Location Well #9
 Collected By CLIENT

Sample Comments:

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrate as N | 0.95 | | 1 | mg/L | 10 | 03/03/2022 1:56 AM | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 0.96 | | 1 | mg/L | | 03/03/2022 1:56 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 | 03/02/2022 11:09 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/03/2022 9:15 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.23 | | 1 | ug/L | 1 | 03/03/2022 8:26 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 97% | | 1 | %REC | | 03/03/2022 8:26 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3,L1 | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 PM | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/07/2022 3:48 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 : Mike McGovern

Lab No. : 70206193001
Client Sample ID.: S-26247

Federal ID : 5103263
 Collected : 03/03/2022 01:00 PM Point S-26247
 Received : 03/03/2022 02:07 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 | 6.9 | | 5 | mg/L | 10 | 03/04/2022 2:58 AM | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 6.9 | | 5 | mg/L | | 03/04/2022 2:58 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 | 03/04/2022 1:13 AM | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/09/2022 7:28 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 1.1* | | 1 | ug/L | 1 | 03/09/2022 4:33 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 93% | | 1 | %REC | | 03/09/2022 4:33 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | 2.1 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | 2.9 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | 1.5 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:28 PM | 001 VG9C1/2 |

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected
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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
 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. : 70206193002
Client Sample ID.: S-30008

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 03/03/2022 01:20 PM Point S-30008

Received : 03/03/2022 02:07 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 | 3.2 | | 5 | mg/L | 10 | 03/04/2022 2:59 AM | 002 BP4U1/1 |
| Nitrate-Nitrite (as N) | 3.2 | | 5 | mg/L | | 03/04/2022 2:59 AM | 002 BP4U1/1 |

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrite as N | <0.050 | | 1 | mg/L | 1 | 03/04/2022 1:17 AM | 002 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/09/2022 7:28 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.56 | | 1 | ug/L | 1 | 03/09/2022 5:08 PM | 002 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 95% | | 1 | %REC | | 03/09/2022 5:08 PM | 002 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,1,1-Trichloroethane | 1.6 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,1-Dichloroethane | 1.3 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,1-Dichloroethene | 1.1 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/16/2022 1:02 PM | 002 VG9C1/2 |

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range

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

See qualifiers page for additional qualifier definitions.

Result(s) reported meet(s) NYS Regulatory Limit(s).

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

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Effluent
 Routine

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

Lab No. : 70206193003
Client Sample ID.: PLANT 10 TOTAL BLENDED

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 03/03/2022 01:30 PM Point PLANT 10
 Received : 03/03/2022 02:07 PM Location TOTAL BLENDED
 Collected By CLIENT

| <u>Analytical Method:</u> EPA 522 | | <u>Prep Method:</u> EPA 522 | | | <u>Prep Date:</u> 03/09/2022 7:28 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) | 0.78 | | 1 | ug/L | 1 | 03/09/2022 5:25 PM | 003 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 94% | | 1 | %REC | | 03/09/2022 5:25 PM | 003 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: 03/23/2022



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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. : 70207448001
Client Sample ID.: S-35007 (R)

Federal ID : 5103263
 Collected : 03/15/2022 01:15 PM Point S-35007 (R)
 Received : 03/15/2022 02:20 PM Location Well #15-1
 Collected By CLIENT

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Nitrate as N | 1.7 | | 1 | mg/L | 10 | 03/16/2022 12:14 | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 1.7 | | 1 | mg/L | | 03/16/2022 12:14 | 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 | 03/16/2022 1:53 AM | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/17/2022 8:26 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.52 | | 1 | ug/L | 1 | 03/18/2022 12:58 | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 100% | | 1 | %REC | | 03/18/2022 12:58 | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | 0.51 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | 1.1 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:32 PM | 001 VG9C1/2 |

Qualifiers:

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



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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

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

Lab No. : 70207448002
Client Sample ID.: S-77126

Federal ID : 5103263
 Collected : 03/15/2022 01:20 PM Point S-77126
 Received : 03/15/2022 02:20 PM Location Well #15-2
 Collected By CLIENT

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Nitrate as N | 0.65 | | 1 | mg/L | 10 | 03/16/2022 12:16 | 002 BP4U1/1 |
| Nitrate-Nitrite (as N) | 0.66 | | 1 | mg/L | | 03/16/2022 12:16 | 002 BP4U1/1 |

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrite as N | <0.050 | | 1 | mg/L | 1 | 03/16/2022 1:54 AM | 002 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/17/2022 8:26 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.19 | | 1 | ug/L | 1 | 03/18/2022 1:15 PM | 002 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 101% | | 1 | %REC | | 03/18/2022 1:15 PM | 002 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/25/2022 4:06 PM | 002 VG9C1/2 |

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
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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. : 70207448003
Client Sample ID.: PLANT 15 TOTAL BLENDED

Attn To : Mike McGovern
 Federal ID : 5103263
 Collected : 03/15/2022 01:25 PM Point PLANT 15
 Received : 03/15/2022 02:20 PM Location TOTAL BLENDED
 Collected By CLIENT

| <u>Analytical Method:</u> EPA 522 | | <u>Prep Method:</u> EPA 522 | | | <u>Prep Date:</u> 03/18/2022 8:53 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) | 0.41 | | 1 | ug/L | 1 | 03/18/2022 7:06 PM | 003 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 102% | | 1 | %REC | | 03/18/2022 7:06 PM | 003 AG2R1/2 |

Qualifiers:

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

Jennifer Aracri

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

Date Reported: 04/04/2022



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
Attn To : Mike McGovern

Lab No. : 70205979001
Client Sample ID.: S-78124

Federal ID : 5103263
 Collected : 03/02/2022 01:00 PM Point S-78124
 Received : 03/02/2022 02:48 PM Location Well #17
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Nitrate as N | 2.6 | | 5 | mg/L | 10 | 03/03/2022 2:43 AM | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 2.6 | | 5 | mg/L | | 03/03/2022 2:43 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 | 03/03/2022 12:38 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/05/2022 9:15 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.28 | | 1 | ug/L | 1 | 03/07/2022 9:32 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 90% | | 1 | %REC | | 03/07/2022 9:32 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/14/2022 3:58 PM | 001 VG9C1/2 |

Qualifiers:

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

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 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

Lab No. : 70205413001
Client Sample ID.: S-96380

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 02/24/2022 01:30 PM Point S-96380

Received : 02/24/2022 02:40 PM Location Well #18-1

Collected By CLIENT

Sample Comments:

RUN TO WASTE

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Nitrate as N | 0.89 | | 1 | mg/L | 10 | 02/25/2022 11:51 | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 0.91 | | 1 | mg/L | | 02/25/2022 11:51 | 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 | 02/25/2022 10:13 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 02/26/2022 9:52 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | <0.020 | | 1 | ug/L | 1 | 02/28/2022 8:35 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 91% | | 1 | %REC | | 02/28/2022 8:35 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 12:45 | 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 Araci

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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. : 70205414001
Client Sample ID.: S-117761

Attn To : Mike McGovern

Federal ID : 5103263

Collected : 02/24/2022 02:00 PM Point S-117761

Received : 02/24/2022 02:40 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 | 0.050 | | 1 | mg/L | 0.3 | 03/08/2022 6:26 PM | 001 BP3N1/1 |

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Nitrate as N | 1.7 | | 1 | mg/L | 10 | 02/25/2022 11:53 | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 1.8 | | 1 | mg/L | | 02/25/2022 11:53 | 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 | 02/25/2022 10:14 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 02/26/2022 9:52 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.14 | | 1 | ug/L | 1 | 02/28/2022 9:07 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 92% | | 1 | %REC | | 02/28/2022 9:07 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:11 PM | 001 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: Raw Well
 Routine

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

Lab No. : 70205416001
Client Sample ID.: S-118369

Federal ID : 5103263
 Collected : 02/24/2022 01:00 PM Point S-118369
 Received : 02/24/2022 02:40 PM Location Well #19-1
 Collected By CLIENT

Sample Comments:
 RUN TO WASTE

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Nitrate as N | 0.85 | | 1 | mg/L | 10 | 02/25/2022 11:50 | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 0.87 | | 1 | mg/L | | 02/25/2022 11:50 | 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 | 02/25/2022 10:12 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 02/26/2022 9:52 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | <0.020 | | 1 | ug/L | 1 | 02/28/2022 9:24 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 91% | | 1 | %REC | | 02/28/2022 9:24 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/04/2022 1:38 PM | 001 VG9C1/2 |

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Jennifer Araci

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 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
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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. : 70205682001
Client Sample ID.: S-122932

Federal ID : 5103263
 Collected : 02/28/2022 01:00 PM Point S-122932
 Received : 02/28/2022 02:35 PM Location Well #19-2
 Collected By CLIENT

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Nitrate as N | 0.66 | | 1 | mg/L | 10 | 02/28/2022 11:18 | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 0.67 | | 1 | mg/L | | 02/28/2022 11:18 | 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 | 02/28/2022 10:26 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/03/2022 9:15 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | <0.020 | | 1 | ug/L | 1 | 03/03/2022 5:27 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 97% | | 1 | %REC | | 03/03/2022 5:27 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 001 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/05/2022 10:35 | 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
Attn To : Mike McGovern

Lab No. : 70205683001
Client Sample ID.: S-123688

Federal ID : 5103263
 Collected : 02/28/2022 02:00 PM Point S-123688
 Received : 02/28/2022 02:35 PM Location Well #20
 Collected By CLIENT

Analytical Method:EPA 353.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Nitrate as N | 3.0 | | 5 | mg/L | 10 | 02/28/2022 11:19 | 001 BP4U1/1 |
| Nitrate-Nitrite (as N) | 3.1 | | 5 | mg/L | | 02/28/2022 11:19 | 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 | 02/28/2022 10:28 | 001 BP4U1/1 |

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 03/03/2022 9:15 AM

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,4-Dioxane (p-Dioxane) | 0.15 | | 1 | ug/L | 1 | 03/03/2022 5:43 PM | 001 AG2R1/2 |
| Surr: 1,4-Dioxane-d8 (S) | 98% | | 1 | %REC | | 03/03/2022 5:43 PM | 001 AG2R1/2 |

Analytical Method:EPA 524.2

| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
|--------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| 1,1,1,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,1,1-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,1,2-Trichloroethane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,1,2-Trichlorotrifluoroethane | <0.50 | N3 | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,1-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,1-Dichloroethene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,1-Dichloropropene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,2,3-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,2,3-Trichloropropane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,2,4-Trichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,2,4-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,2-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,2-Dichloroethane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,2-Dichloropropane | 2.2 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,3,5-Trimethylbenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,3-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,3-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 1,4-Dichlorobenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 2,2-Dichloropropane | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 2-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| 4-Chlorotoluene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| Benzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |
| Bromobenzene | <0.50 | | 1 | ug/L | 5 | 03/06/2022 1:22 PM | 001 VG9C1/2 |

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