2025 Drinking Water Quality Report

2025 DRINKING WATER QUALITY REPORT

For the period January 1, 2024 to December 31, 2024

(Including data for Brentwood, Dering Harbor, East Farmingdale, Fair Harbor, Riverside, Stony Brook, Oak Beach and West Neck Water Districts)

Este informe contiene informacion muy importante sobre su agua de beber.
Traduzcalo o hable con alguien que lo entienda bien.

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TO OUR CUSTOMERS

Charles Lefkowitz
Chairman,
SCWA

Jeffrey Szabo
Chief Executive Officer,
SCWA

Thomas Schneider
Director of
Water Quality and
Laboratory Services,
SCWA

Dear Suffolk County Water Authority Customer:

The Suffolk County Water Authority remains committed to providing drinking water that meets or surpasses all regulatory standards. This report details the results of extensive water quality testing conducted throughout 2024.

SCWA tests water at the wellhead, during treatment, and throughout the distribution system for hundreds of chemical constituents. In 2024, we conducted 195,316 tests on 95,668 samples,analyzing more than 1,793,270 results. We go well beyond regulatory requirements to ensure the highest quality drinking water for our customers.

The U.S. Environmental Protection Agency finalized a national drinking water standard for PFOA and PFOS at 4 parts per trillion that goes into effect in 2029. SCWA is well on its way to meeting this new standard, years ahead of schedule, thanks to the proactive approach and significant investments in treatment technologies. Additionally, we remain prepared to comply with any further state and federal regulations on emerging contaminants.

This report provides detailed information about the source and quality of your drinking water. If you have any questions, please contact one of our drinking water quality professionals at 631-218-1138.

Charles Lefkowitz

Chairman

Thomas Schneider
Director of Water Quality and Laboratory Services

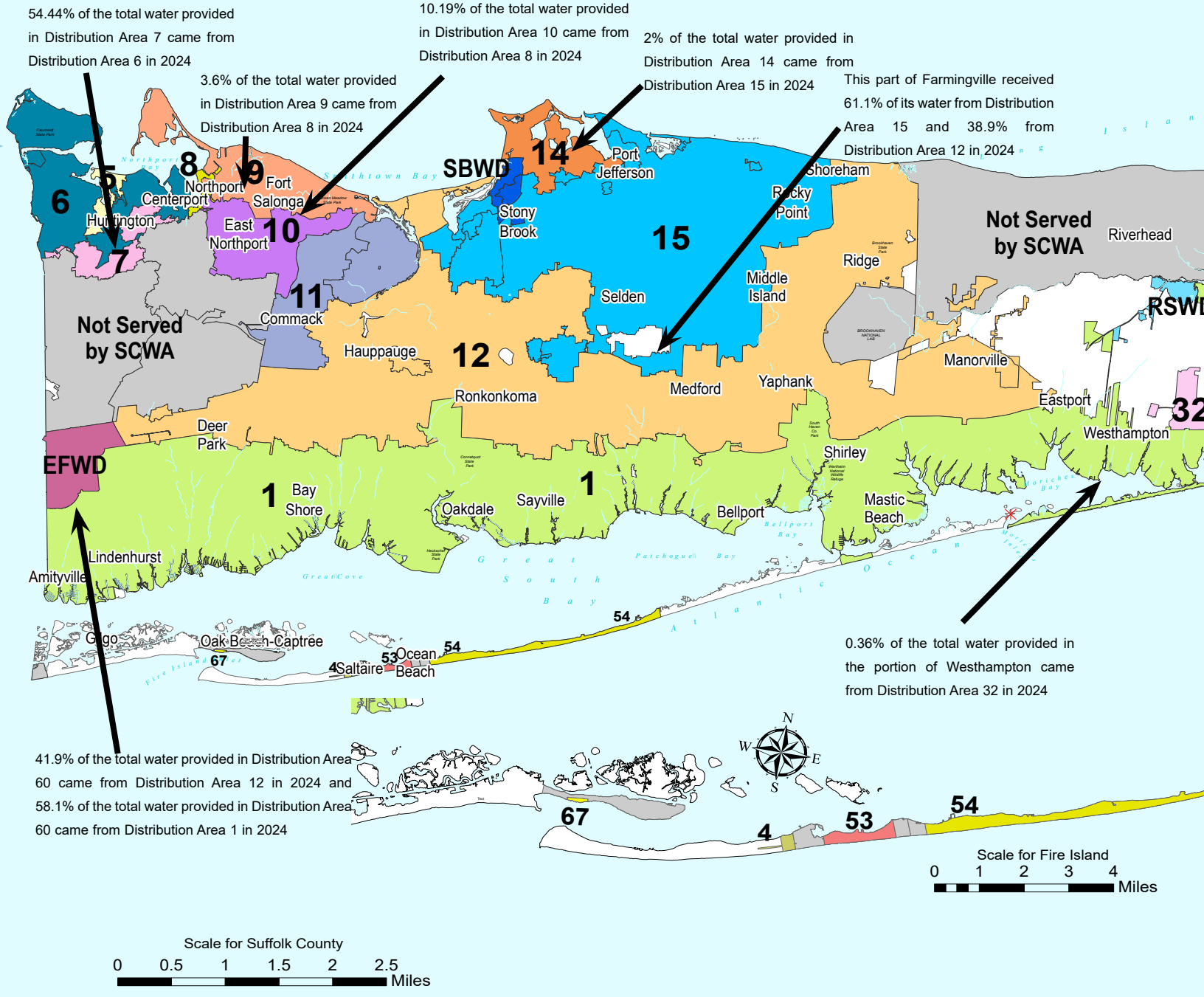
SCWA WATER DISTRIBUTION AREAS

SCWA DISTRIBUTION AREAS

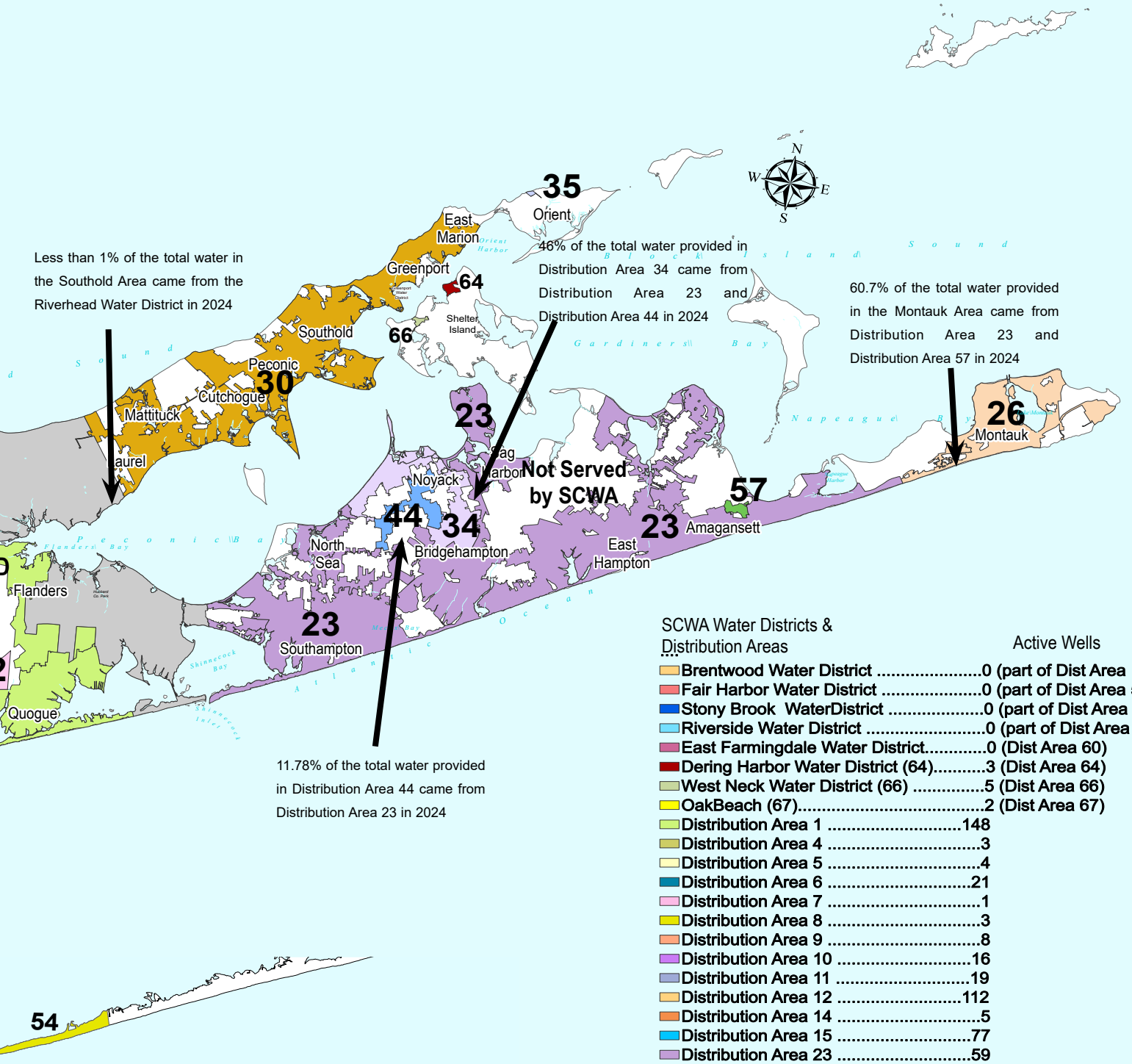
Suffolk County is not flat. In fact, the ground surface elevation across the county varies from sea level to over 300 feet above sea level. Elevation is the key factor in determining water pressure, the lower the ground elevation, the higher the pressure. A single water system could not provide reasonable water pressure to every home. Some homes would have too much pressure and some would have no pressure at all. Therefore, the Water Authority has divided the system into 46 pressure zones. Distribution areas may encompass more than one pressure zone. There are 28 distribution areas.

Each pressure zone is made up of pump stations, storage tanks, and/or booster stations which are designed to provide adequate water pressure to the elevations they serve. These facilities are connected by underground water pipes of various sizes. This piping network is called a distribution system. A pump station consists of at least one well and associated treatment facilities. The well provides access to the underground aquifer. We use a submersible pump powered by an electric motor to bring the water out of the ground, through the treatment facility and into the distribution system. The water can then be delivered to homes, fire hydrants, schools and wherever else it is needed. Any excess water goes into the storage tank where it is stored for later use. The water storage tank provides a stable operating pressure and can supply a lot of water in a short time in the event of an emergency. The wells are turned on and off as required to satisfy the water demand in the distribution system.

If you look at the distribution area map shown below, you will see the size of the areas range from very small, serving a few homes, to very large, serving tens of thousands of homes. The distribution areas are interconnected with booster pumps and/or automatic control valves. In the event of very high demands for water during peak summer usage or an emergency, such as a fire or main break, the booster pump or automatic valve will operate and supply additional water to the impacted area. This operation helps ensure that adequate water is available at all times. It also means that if your home is near the boundary of a distribution area, it may receive water from the adjacent distribution area on occasion. In a few areas, booster pumps routinely pump water from one zone to another. Please see the notes on the map



SCWA WATER DISTRIBUTION AREAS



SCWA Water Districts & Distribution Areas — Active Wells

- Brentwood Water District .....0 (part of Dist Area 12)
- Fair Harbor Water District .....0 (part of Dist Area 53)
- Stony Brook WaterDistrict .....0 (part of Dist Area 14)
- Riverside Water District .....0 (part of Dist Area 1)
- East Farmingdale Water District.....0 (Dist Area 60)
- Dering Harbor Water District (64).....3 (Dist Area 64)
- West Neck Water District (66) .....5 (Dist Area 66)
- OakBeach (67).....2 (Dist Area 67)
- Distribution Area 1 148
- Distribution Area 4 3
- Distribution Area 5 4
- Distribution Area 6 21
- Distribution Area 7 1
- Distribution Area 8 3
- Distribution Area 9 8
- Distribution Area 10 16
- Distribution Area 11 19
- Distribution Area 12 112
- Distribution Area 14 5
- Distribution Area 15 77
- Distribution Area 23 59
- Distribution Area 26 11
- Distribution Area 30 60
- Distribution Area 32 2
- Distribution Area 34 2
- Distribution Area 35 3
- Distribution Area 44 2
- Distribution Area 53 6
- Distribution Area 54 10
- Distribution Area 57 2
- non-SCWA water districts

HOW TO READ YOUR WATER QUALITY DATA

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occurring Compounds as well as Contaminants					Distribution Area 4 (E)			
					Range Of Readings			
(A) Detected Compound	(B) Likely Source	MCL (C)	MCLG (C)	Unit of Measure (D)	Low Value	High Value	Avg. Value	No. Of Tests (F)
(G) Inorganics								
Alkalinity to pH 4.5mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	30.4	54.2	40.1	8
Aluminum	Naturally occurring	n/a	n/a	mg/L	0.02	0.09	0.06	14
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	ND	ND	ND	8
Arsenic	Erosion of natural deposits	10	0	ug/L	ND	ND	ND	14
Barium	Erosion of natural deposits	2	2	mg/L	ND	ND	ND	14
Boron	Naturally occurring	n/a	n/a	mg/L	ND	0.11	ND	43
Bromide	Naturally occurring	n/a	n/a	mg/L	ND	ND	ND	14
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	ND	ND	ND	14
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	ND	1.0	0.5	43
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	0.6	19.2	8.9	8
Chloride	Naturally occurring, salt water intrusion	250	n/a	mg/L	2.3	3.2	3.0	14
Chromium, total	Natural deposits	100	100	ug/L	ND	0.61	ND	14
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	ND	ND	ND	14
Color	Naturally occurring metals or minerals	15	n/a	Color Units	ND	7	ND	8
Copper	Household plumbing	AL=1.3	1.3	mg/L	ND	0.03	ND	14
Dissolved Solids, total	Naturally occurring minerals and metals	n/a	n/a	mg/L	59	88	69	11
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	ND	ND	ND	14
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	ND	2.8	ND	43
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	ND	0.67	0.13	12
Iron	Naturally occurring	300	n/a	ug/L	186	495	259	43
Lead	Household plumbing, lead solder	AL=15	0	ug/L	ND	ND	ND	14
Lithium	Naturally occurring	n/a	n/a	ug/L	3.5	4.2	3.8	14
Magnesium	Naturally occurring	n/a	n/a	mg/L	ND	ND	ND	43
Manganese	Naturally occurring	300	n/a	ug/L	ND	ND	ND	43
Molybdenum	Naturally occurring	n/a	n/a	ug/L	ND	ND	ND	14
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	ND	ND	ND	14
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	ND	ND	ND	14
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	ND	ND	ND	8
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	ND	0.36	0.29	43
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	6.5	8.2	7.1	8
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	7.0	8.5	7.4	8
Potassium	Naturally occurring	n/a	n/a	mg/L	1.04	1.44	1.23	43
Silicon	Naturally occurring	n/a	n/a	mg/L	4.0	4.4	4.2	14
Sodium	Naturally occurring	n/a	n/a	mg/L	11.4	39.3	19.8	43

A **DETECTED COMPOUNDS** - compounds found during testing include naturally occurring compounds and contaminants. (On page 47 you will find the list of compounds that were not found in our drinking water).

B **LIKELY SOURCE** - where the detected compound might come from.

C **MAXIMUM CONTAMINANT LEVEL (MCL)** - the highest amount of a compound allowed in drinking water.

MAXIMUM CONTAMINANT LEVEL GOAL (MCLG) - there is no known or expected health risk for a compound in drinking water below this level.

HOW TO READ YOUR WATER QUALITY DATA

D **UNITS OF MEASURE** - metric units used to describe the amount of the compound present (see chart below for definitions).

E **DISTRIBUTION AREA**
SCWA's service area, all the areas we supply water to, is divided into 28 distinct geographical areas called Distribution Areas. Each area is numbered. The map on pages 2 and 3 shows the boundaries of each area. Some towns have more than one Distribution Area so please read carefully. There is also an interactive map to help you define your Distribution Area. Once you know the Distribution Area number for your home, school, business or other area of interest, you can then find the water quality results in the tables located on pages 6 through 35.

F **RANGE OF READINGS FOR DETECTED COMPOUNDS**

LOW VALUE - the lowest amount of the chemical found in all water samples collected during the year for the distribution area noted.

HIGH VALUE - the highest amount of the chemical found in all water samples collected during the year for the distribution area noted.

AVERAGE VALUE - the average amount of the chemical found in all the water samples collected during the year for the distribution area noted. This is the amount of the chemical that would typically be present in your drinking water on any given day during the year.

NO. OF TESTS - the total number of water samples collected for the chemical during the year in the distribution area noted.

G **TYPES OF DETECTED COMPOUNDS**
Broad categories based on chemical characteristics.

Water Quality Data Key Terms, Definitions & Units of Measure

USEPA Health Advisory Levels (HAL): Identify the concentration of a contaminant in drinking water at which adverse health effects and/or aesthetic effects are not anticipated to occur over specific exposure durations. Health Advisory Levels are not to be construed as legally enforceable federal standards and are subject to change as new information becomes available.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as possible.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Micrograms per liter (ug/L): Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

Milligrams per liter (mg/L): Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

Nanograms per liter (ng/L): Corresponds to one part of liquid to one trillion parts of liquid (parts per trillion - ppt).

Picocuries per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water.

Nephelometric Turbidity Unit (NTU): A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Micromhos per centimeter (umho/cm): A measure of the total amount of naturally occurring minerals in the water.

NA: Not Applicable

Non-Detects (ND): – Laboratory analysis indicates that the constituent is not present.

Units of Measure: It can be hard to wrap our minds around what a concentration of a contaminant actually means. The most commonly used units of measure for drinking water analysis are parts per million (ppm / mg/L) and parts per billion (ppb / ug/L) respectively. To help visualize these concentrations, imagine that 1 ppm is the same as one drop of water in a 13 gallon bucket, while 1 ppb is the same as one drop of water in a swimming pool (13,200 gallons)! Parts per trillion (ppt) or ng/L is an even smaller concentration. Imagine one drop of water in roughly 20 Olympic size swimming pools, or 1 inch in 16 million miles which is 600+ times around the earth.

WATER QUALITY DATA BY DISTRIBUTION AREA

Unregulated Contaminant Monitoring Rule 5 (UCMR 5)

Every five years the EPA issues a regulation called the Unregulated Contaminant Monitoring Rule (UCMR), which lists 20 to 30 unregulated contaminants that must be monitored for by large public water systems. Used as a tool to find unregulated contaminants of concern in drinking water, the EPA can then determine whether to set drinking water standards or to require water providers to use certain treatment systems to reduce or eliminate these contaminants.

The UCMR 5 monitoring, which started in January 2023 and will continue through 2025, contains sampling and testing requirements for 30 chemicals:

- EPA Method 200.7 Rev. 2, Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Atomic Emission Spectrometry: Lithium
- EPA Method 533 Rev. 3.2, Determination of Per- and Polyfluoroalkyl Substances in Drinking Water by Isotope Dilution Anion Exchange Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid,1H,1H,2H,2H-Perfluorodecane Sulfonic Acid, 1H,1H,2H,2H-Perfluorohexane Sulfonic Acid, 1H,1H,2H,2H-Perfluorooctane Sulfonic Acid, 4,8-Dioxa-3H-perfluorononanoic Acid, 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid, Hexafluoropropylene Oxide Dimer Acid, Nonafluoro-3-6-dioxaheptanoic Acid, Perfluoro(2-ethoxyethane)sulfonic Acid, Perfluoro-3-methoxypropanoic Acid, Perfluoro-4-methoxybutanoic Acid, Perfluorobutanesulfonic Acid, Perfluorobutanoic Acid, Perfluorodecanoic Acid, Perfluorododecanoic Acid, Perfluoroheptanesulfonic Acid, Perfluoroheptanoic Acid,Perfluorohexanesulfonic Acid, Perfluorohexanoic Acid, Perfluorononanoic Acid, Perfluorooctanesulfonic Acid, Perfluorooctanoic Acid, Perfluoropentanesulfonic Acid, Perfluoropentanoic Acid, Perfluoroundecanoic Acid
- EPA Method Method 537.1 Rev. 3, Determination of Selected Per- and Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS): N-ethyl Perfluorooctanesulfonamidoacetic Acid, N-methyl Perfluorooctanesulfonamidoacetic Acid, Perfluorotetradecanoic Acid, Perfluorotridecanoic Acid

The UCMR 5 test results for each chemical detected, or found above the reporting level, are listed in the charts found on pages 6 through 8 for each distribution area tested in 2024.

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533 UCMR 5

EPA Method 533 UCMR 5					Distribution Area 1					Distribution Area 5				
						Range of Readings					Range of Readings			
Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorobutanesulfonic Acid	Released into the environment from use in commercial and industrial applications	50	2.0	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	46	No	ND	0.006	ND	4
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	0.004	ND	46	No	ND	ND	ND	4
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4
Perfluorooctanesulfonic Acid		0.01	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4
Perfluorooctanoic Acid		0.01	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	0.004	ND	46	No	ND	ND	ND	4

* Refer to page 5 for Water Quality Data Terms, Definitions and Units of Measure including; MCL, MCLG, HAL.

All perfluoroalkyl substances, besides PFOA & PFOS, are considered Unspecified Organic Contaminants (UOC) which have an MCL = 50 ug/L.

WATER QUALITY DATA BY DISTRIBUTION AREA

Unregulated Contaminant Monitoring Rule 5 (UCMR 5)

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533 UCMR 5

EPA Method 533 UCMR 5

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 6 Violation Yes/No	Distribution Area 6 Range of Readings Low Value	Distribution Area 6 Range of Readings High Value	Distribution Area 6 Range of Readings Avg. Value	Distribution Area 6 No. of Tests	Distribution Area 8 Violation Yes/No	Distribution Area 8 Range of Readings Low Value	Distribution Area 8 Range of Readings High Value	Distribution Area 8 Range of Readings Avg. Value	Distribution Area 8 No. of Tests	Distribution Area 9 Violation Yes/No	Distribution Area 9 Range of Readings Low Value	Distribution Area 9 Range of Readings High Value	Distribution Area 9 Range of Readings Avg. Value	Distribution Area 9 No. of Tests
Perfluorobutanesulfonic Acid	Released into the environment from use in commercial and industrial applications	50	2.0	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	2	No	ND	ND	ND	10
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	0.005	ND	16	No	ND	ND	ND	2	No	ND	ND	ND	10
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	2	No	ND	ND	ND	10
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	2	No	ND	ND	ND	10
Perfluorooctanesulfonic Acid		0.01	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	2	No	ND	ND	ND	10
Perfluorooctanoic Acid		0.01	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	2	No	ND	ND	ND	10
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	2	No	ND	ND	ND	10

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533 UCMR 5

EPA Method 533 UCMR 5

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 10 Violation Yes/No	Distribution Area 10 Range of Readings Low Value	Distribution Area 10 Range of Readings High Value	Distribution Area 10 Range of Readings Avg. Value	Distribution Area 10 No. of Tests	Distribution Area 11 Violation Yes/No	Distribution Area 11 Range of Readings Low Value	Distribution Area 11 Range of Readings High Value	Distribution Area 11 Range of Readings Avg. Value	Distribution Area 11 No. of Tests	Distribution Area 12 Violation Yes/No	Distribution Area 12 Range of Readings Low Value	Distribution Area 12 Range of Readings High Value	Distribution Area 12 Range of Readings Avg. Value	Distribution Area 12 No. of Tests
Perfluorobutanesulfonic Acid	Released into the environment from use in commercial and industrial applications	50	2.0	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	20	No	ND	0.005	ND	50
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	20	No	ND	ND	ND	50
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	20	No	ND	0.003	ND	50
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	0.009	ND	8	No	ND	0.006	ND	20	No	ND	0.006	ND	50
Perfluorooctanesulfonic Acid		0.01	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	20	No	ND	ND	ND	50
Perfluorooctanoic Acid		0.01	n/a	ug/L	No	ND	ND	ND	8	No	ND	0.005	ND	20	No	ND	0.006	ND	50
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	0.013	0.004	8	No	ND	0.008	ND	20	No	ND	0.007	ND	50

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533 UCMR 5

EPA Method 533 UCMR 5

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 14 Violation Yes/No	Distribution Area 14 Range of Readings Low Value	Distribution Area 14 Range of Readings High Value	Distribution Area 14 Range of Readings Avg. Value	Distribution Area 14 No. of Tests	Distribution Area 15 Violation Yes/No	Distribution Area 15 Range of Readings Low Value	Distribution Area 15 Range of Readings High Value	Distribution Area 15 Range of Readings Avg. Value	Distribution Area 15 No. of Tests	Distribution Area 23 Violation Yes/No	Distribution Area 23 Range of Readings Low Value	Distribution Area 23 Range of Readings High Value	Distribution Area 23 Range of Readings Avg. Value	Distribution Area 23 No. of Tests
Perfluorobutanesulfonic Acid	Released into the environment from use in commercial and industrial applications	50	2.0	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	30	No	ND	ND	ND	8
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	30	No	ND	ND	ND	8
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	0.003	ND	30	No	ND	ND	ND	8
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	0.007	ND	30	No	ND	ND	ND	8
Perfluorooctanesulfonic Acid		0.01	n/a	ug/L	No	ND	ND	ND	4	No	ND	0.005	ND	30	No	ND	ND	ND	8
Perfluorooctanoic Acid		0.01	n/a	ug/L	No	ND	ND	ND	4	No	ND	0.006	ND	30	No	ND	ND	ND	8
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	0.008	ND	30	No	ND	ND	ND	8

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533 UCMR 5

EPA Method 533 UCMR 5

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 30 Violation Yes/No	Distribution Area 30 Range of Readings Low Value	Distribution Area 30 Range of Readings High Value	Distribution Area 30 Range of Readings Avg. Value	Distribution Area 30 No. of Tests	Distribution Area 54 Violation Yes/No	Distribution Area 54 Range of Readings Low Value	Distribution Area 54 Range of Readings High Value	Distribution Area 54 Range of Readings Avg. Value	Distribution Area 54 No. of Tests	Distribution Area 67 Violation Yes/No	Distribution Area 67 Range of Readings Low Value	Distribution Area 67 Range of Readings High Value	Distribution Area 67 Range of Readings Avg. Value	Distribution Area 67 No. of Tests
Perfluorobutanesulfonic Acid	Released into the environment from use in commercial and industrial applications	50	2.0	ug/L	No	ND	ND	ND	12	No	ND	ND	ND	1	No	ND	ND	ND	1
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	12	No	ND	ND	ND	1	No	ND	ND	ND	1
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	12	No	ND	ND	ND	1	No	ND	ND	ND	1
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	12	No	ND	ND	ND	1	No	ND	ND	ND	1
Perfluorooctanesulfonic Acid		0.01	n/a	ug/L	No	ND	ND	ND	12	No	ND	ND	ND	1	No	ND	ND	ND	1
Perfluorooctanoic Acid		0.01	n/a	ug/L	No	ND	ND	ND	12	No	ND	ND	ND	1	No	ND	ND	ND	1
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	0.003	ND	12	No	ND	ND	ND	1	No	ND	ND	ND	1

* Refer to page 5 for Water Quality Data Terms, Definitions and Units of Measure including; MCL, MCLG, HAL.

All perfluoroalkyl substances, besides PFOA & PFOS, are considered Unspecified Organic Contaminants (UOC) which have an MCL = 50 ug/L.

WATER QUALITY DATA BY DISTRIBUTION AREA

Unregulated Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L
Perfluorobutanesulfonic Acid		50	2.0	ug/L
Perfluorobutanoic Acid		50	n/a	ug/L
Perfluoroheptanesulfonic Acid		50	n/a	ug/L
Perfluoroheptanoic Acid		50	n/a	ug/L
Perfluorohexanesulfonic Acid		50	n/a	ug/L
Perfluorohexanoic Acid		50	n/a	ug/L
Perfluorononanoic Acid		50	n/a	ug/L
Perfluoropentanesulfonic Acid		50	n/a	ug/L
Perfluoropentanoic Acid		50	n/a	ug/L

Distribution Area 1					Distribution Area 4					Distribution Area 5				
	Range of Readings					Range of Readings					Range of Readings			
Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
No	ND	ND	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.004	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.014	ND	486	No	ND	ND	ND	12	No	ND	0.006	ND	17
No	ND	ND	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.004	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.007	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.006	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.006	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.003	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
No	ND	0.009	ND	486	No	ND	ND	ND	12	No	ND	0.002	ND	17

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L
Perfluorobutanesulfonic Acid		50	2.0	ug/L
Perfluorobutanoic Acid		50	n/a	ug/L
Perfluoroheptanesulfonic Acid		50	n/a	ug/L
Perfluoroheptanoic Acid		50	n/a	ug/L
Perfluorohexanesulfonic Acid		50	n/a	ug/L
Perfluorohexanoic Acid		50	n/a	ug/L
Perfluorononanoic Acid		50	n/a	ug/L
Perfluoropentanesulfonic Acid		50	n/a	ug/L
Perfluoropentanoic Acid		50	n/a	ug/L

Distribution Area 6					Distribution Area 7					Distribution Area 8				
	Range of Readings					Range of Readings					Range of Readings			
Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	0.005	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
No	ND	0.004	ND	72	No	ND	0.003	ND	6	No	ND	ND	ND	8

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L
Perfluorobutanesulfonic Acid		50	2.0	ug/L
Perfluorobutanoic Acid		50	n/a	ug/L
Perfluoroheptanesulfonic Acid		50	n/a	ug/L
Perfluoroheptanoic Acid		50	n/a	ug/L
Perfluorohexanesulfonic Acid		50	n/a	ug/L
Perfluorohexanoic Acid		50	n/a	ug/L
Perfluorononanoic Acid		50	n/a	ug/L
Perfluoropentanesulfonic Acid		50	n/a	ug/L
Perfluoropentanoic Acid		50	n/a	ug/L

Distribution Area 9					Distribution Area 10					Distribution Area 11				
	Range of Readings					Range of Readings					Range of Readings			
Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
No	ND	ND	ND	31	No	ND	ND	ND	55	No	ND	ND	ND	71
No	ND	ND	ND	31	No	ND	ND	ND	55	No	ND	0.002	ND	71
No	ND	ND	ND	31	No	ND	ND	ND	55	No	ND	ND	ND	71
No	ND	ND	ND	31	No	ND	ND	ND	55	No	ND	ND	ND	71
No	ND	ND	ND	31	No	ND	ND	ND	55	No	ND	0.003	ND	71
No	ND	ND	ND	31	No	ND	0.002	ND	55	No	ND	0.002	ND	71
No	ND	0.003	ND	31	No	ND	0.007	ND	55	No	ND	0.005	ND	71
No	ND	ND	ND	31	No	ND	ND	ND	55	No	ND	ND	ND	71
No	ND	ND	ND	31	No	ND	ND	ND	55	No	ND	ND	ND	71
No	ND	0.005	ND	31	No	ND	0.011	0.002	55	No	ND	0.006	ND	71

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L
Perfluorobutanesulfonic Acid		50	2.0	ug/L
Perfluorobutanoic Acid		50	n/a	ug/L
Perfluoroheptanesulfonic Acid		50	n/a	ug/L
Perfluoroheptanoic Acid		50	n/a	ug/L
Perfluorohexanesulfonic Acid		50	n/a	ug/L
Perfluorohexanoic Acid		50	n/a	ug/L
Perfluorononanoic Acid		50	n/a	ug/L
Perfluoropentanesulfonic Acid		50	n/a	ug/L
Perfluoropentanoic Acid		50	n/a	ug/L

Distribution Area 12					Distribution Area 14					Distribution Area 15				
	Range of Readings					Range of Readings					Range of Readings			
Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
No	ND	0.009	ND	421	No	ND	ND	ND	20	No	ND	ND	ND	262
No	ND	0.007	ND	421	No	ND	ND	ND	20	No	ND	0.004	ND	262
No	ND	0.010	ND	421	No	ND	ND	ND	20	No	ND	0.007	ND	262
No	ND	ND	ND	421	No	ND	ND	ND	20	No	ND	ND	ND	262
No	ND	0.007	ND	421	No	ND	ND	ND	20	No	ND	0.003	ND	262
No	ND	0.013	ND	421	No	ND	ND	ND	20	No	ND	0.012	ND	262
No	ND	0.014	ND	421	No	ND	0.002	ND	20	No	ND	0.009	0.002	262
No	ND	ND	ND	421	No	ND	ND	ND	20	No	ND	0.007	ND	262
No	ND	0.002	ND	421	No	ND	ND	ND	20	No	ND	ND	ND	262
No	ND	0.022	0.002	421	No	ND	0.003	ND	20	No	ND	0.016	0.003	262

* Refer to page 5 for Water Quality Data Terms, Definitions and Units of Measure including; MCL, MCLG, HAL.

All perfluoroalkyl substances, besides PFOA & PFOS, are considered Unspecified Organic Contaminants (UOC) which have an MCL = 50 ug/L.

WATER QUALITY DATA BY DISTRIBUTION AREA

Unregulated Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring (cont'd)

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 23 Violation Yes/No	Distribution Area 23 Range of Readings Low Value	Distribution Area 23 Range of Readings High Value	Distribution Area 23 Avg. Value	Distribution Area 23 No. of Tests	Distribution Area 26 Violation Yes/No	Distribution Area 26 Range of Readings Low Value	Distribution Area 26 Range of Readings High Value	Distribution Area 26 Avg. Value	Distribution Area 26 No. of Tests	Distribution Area 30 Violation Yes/No	Distribution Area 30 Range of Readings Low Value	Distribution Area 30 Range of Readings High Value	Distribution Area 30 Avg. Value	Distribution Area 30 No. of Tests
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L	No	ND	0.019	ND	174	No	ND	ND	ND	41	No	ND	ND	ND	160
Perfluorobutanesulfonic Acid		50	2.0	ug/L	No	ND	0.003	ND	174	No	ND	ND	ND	41	No	ND	0.006	ND	160
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	0.012	ND	174	No	ND	0.007	ND	41	No	ND	0.092	ND	160
Perfluoroheptanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	174	No	ND	ND	ND	41	No	ND	ND	ND	160
Perfluoroheptanoic Acid		50	n/a	ug/L	No	ND	0.014	ND	174	No	ND	0.002	ND	41	No	ND	ND	ND	160
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	0.009	ND	174	No	ND	0.008	ND	41	No	ND	ND	ND	160
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	0.028	0.002	174	No	ND	0.045	0.005	41	No	ND	0.078	0.002	160
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	0.003	ND	174	No	ND	ND	ND	41	No	ND	ND	ND	160
Perfluoropentanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	174	No	ND	ND	ND	41	No	ND	ND	ND	160
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	0.051	0.003	174	No	ND	0.035	0.004	41	No	ND	0.383	0.006	160

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 32 Violation Yes/No	Distribution Area 32 Range of Readings Low Value	Distribution Area 32 Range of Readings High Value	Distribution Area 32 Avg. Value	Distribution Area 32 No. of Tests	Distribution Area 34 Violation Yes/No	Distribution Area 34 Range of Readings Low Value	Distribution Area 34 Range of Readings High Value	Distribution Area 34 Avg. Value	Distribution Area 34 No. of Tests	Distribution Area 35 Violation Yes/No	Distribution Area 35 Range of Readings Low Value	Distribution Area 35 Range of Readings High Value	Distribution Area 35 Avg. Value	Distribution Area 35 No. of Tests
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluorobutanesulfonic Acid		50	2.0	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluoroheptanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluoroheptanoic Acid		50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	0.003	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluoropentanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 44 Violation Yes/No	Distribution Area 44 Range of Readings Low Value	Distribution Area 44 Range of Readings High Value	Distribution Area 44 Avg. Value	Distribution Area 44 No. of Tests	Distribution Area 53 Violation Yes/No	Distribution Area 53 Range of Readings Low Value	Distribution Area 53 Range of Readings High Value	Distribution Area 53 Avg. Value	Distribution Area 53 No. of Tests	Distribution Area 54 Violation Yes/No	Distribution Area 54 Range of Readings Low Value	Distribution Area 54 Range of Readings High Value	Distribution Area 54 Avg. Value	Distribution Area 54 No. of Tests
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluorobutanesulfonic Acid		50	2.0	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluoroheptanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluoroheptanoic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluoropentanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533

Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Distribution Area 57 Violation Yes/No	Distribution Area 57 Range of Readings Low Value	Distribution Area 57 Range of Readings High Value	Distribution Area 57 Avg. Value	Distribution Area 57 No. of Tests	Distribution Area 64 Violation Yes/No	Distribution Area 64 Range of Readings Low Value	Distribution Area 64 Range of Readings High Value	Distribution Area 64 Avg. Value	Distribution Area 64 No. of Tests	Distribution Area 67 Violation Yes/No	Distribution Area 67 Range of Readings Low Value	Distribution Area 67 Range of Readings High Value	Distribution Area 67 Avg. Value	Distribution Area 67 No. of Tests
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluorobutanesulfonic Acid		50	2.0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluoroheptanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluoroheptanoic Acid		50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	0.002	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluoropentanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	0.002	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3

* Refer to page 5 for Water Quality Data Terms, Definitions and Units of Measure including; MCL, MCLG, HAL.

All perfluoroalkyl substances, besides PFOA & PFOS, are considered Unspecified Organic Contaminants (UOC) which have an MCL = 50 ug/L.

WATER QUALITY DATA BY DISTRIBUTION AREA

Unregulated Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring (cont'd)

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533					Distribution Area EFWD					Distribution Area RSWD					Distribution Area SBWD				
Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorobutanesulfonic Acid		50	2.0	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluoroheptanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluoroheptanoic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	0.002	ND	4
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluoropentanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	0.002	ND	4	No	ND	ND	ND	2	No	ND	0.003	ND	4

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA Method 533					Distribution Area WNWD				
Detected Compound	Likely Source	MCL	MCLG or HAL*	Unit of Measure	Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid	Released into the environment from use in commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	16
Perfluorobutanesulfonic Acid		50	2.0	ug/L	No	ND	0.007	ND	16
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	16
Perfluoroheptanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	16
Perfluoroheptanoic Acid		50	n/a	ug/L	No	ND	ND	ND	16
Perfluorohexanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	16
Perfluorohexanoic Acid		50	n/a	ug/L	No	ND	0.004	ND	16
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	16
Perfluoropentanesulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	16
Perfluoropentanoic Acid		50	n/a	ug/L	No	ND	0.005	ND	16

* Refer to page 5 for Water Quality Data Terms, Definitions and Units of Measure including; MCL, MCLG, HAL.

All perfluoroalkyl substances, besides PFOA & PFOS, are considered Unspecified Organic Contaminants (UOC) which have an MCL = 50 ug/L.

WATER QUALITY DATA BY DISTRIBUTION AREA

Regulated Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area 1					Distribution Area 4					Distribution Area 5				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	0.022	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	0.004	ND	486	No	ND	ND	ND	12	No	ND	ND	ND	17

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area 6					Distribution Area 7					Distribution Area 8				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	ND	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	0.002	ND	72	No	ND	ND	ND	6	No	ND	ND	ND	8

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area 9					Distribution Area 10					Distribution Area 11				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	ND	ND	31	No	ND	0.002	ND	55	No	ND	0.004	ND	71
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	ND	ND	31	No	ND	0.002	ND	55	No	ND	0.005	ND	71

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area 12					Distribution Area 14					Distribution Area 15				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	0.008	ND	421	No	ND	ND	ND	20	No	ND	0.008	ND	262
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	0.008	ND	421	No	ND	ND	ND	20	No	ND	0.008	0.002	262

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area 23					Distribution Area 26					Distribution Area 30				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. o Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	0.007	ND	174	No	ND	0.002	ND	41	No	ND	0.005	ND	160
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	0.003	ND	174	No	ND	0.003	ND	41	No	ND	0.003	ND	160

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area 32					Distribution Area 34					Distribution Area 35				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	0.004	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	7	No	ND	ND	ND	10

* Refer to page 5 for Water Quality Data Terms, Definitions and Units of Measure including; MCL, MCLG, HAL.

All perfluoroalkyl substances, besides PFOA & PFOS, are considered Unspecified Organic Contaminants (UOC) which have an MCL = 50 ug/L.

WATER QUALITY DATA BY DISTRIBUTION AREA

Regulated Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring (cont'd)

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area 44					Distribution Area 53					Distribution Area 54				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	22	No	ND	ND	ND	39

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

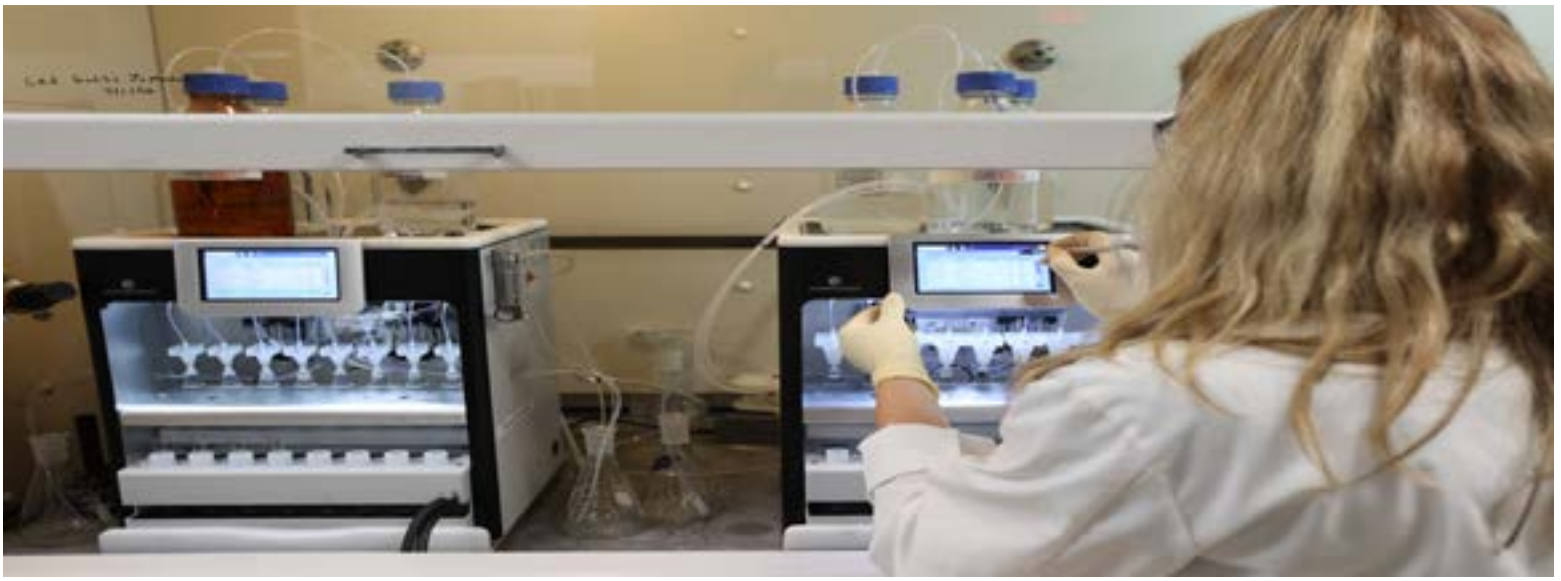
EPA METHOD 533					Distribution Area 57					Distribution Area 64					Distribution Area 67				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area EFWD					Distribution Area RSWD					Distribution Area SBWD				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by EPA Method 533

EPA METHOD 533					Distribution Area WNWD				
					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG or HAL**	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Perfluorooctanesulfonic Acid	Released into the environment from widespread use in commercial and	*0.010	0	ug/L	No	ND	0.004	ND	16
Perfluorooctanooic Acid		*0.010	0	ug/L	No	ND	0.005	ND	16



** Refer to page 5 for Water Quality Data Terms, Definitions and Units of Measure including; MCL, MCLG, HAL.

All perfluoroalkyl substances, besides PFOA & PFOS, are considered Unspecified Organic Contaminants (UOC) which have an MCL = 50 ug/L.

WATER QUALITY DATA BY DISTRIBUTION AREA

Pharmaceuticals and Personal Care Products (PPCPs) Monitoring

PPCPs are a diverse collection of thousands of chemical substances, including prescription and over the counter therapeutic drugs, veterinary drugs, fragrances, cosmetics, lotions such as sunscreen and insect repellents, diagnostic agents and vitamins. PPCPs from bodily excretion, bathing, and disposal of unwanted medications to septic systems, sewers or trash have the potential to enter our drinking water. Information on how to properly dispose of unwanted pharmaceuticals can be found at the link below:

https://nepis.epa.gov/Exe/tiff2png.cgi/P1007BCF.PNG?-r+75+-g+7+D%3A%5CZYFILES%5CINDEX%20DATA%5C06THRU10%5CTIFF%5C00000773%5CP1007BCF.TIF%20

The detection and quantification of these chemicals has only recently been possible due to advances in laboratory testing technology.

Presently the EPA has no health standards or guidelines for PPCPs in drinking water and does not require testing. In 2024 all of our wells were tested for 35 PPCPs; Acesulfame-K, Carbamazepine, Dilantin, 5-(4-Hydroxyphenyl)-5-Phenylhydantoin, Ibuprofen, Imidacloprid, Meprobamate, Phenobarbital, Primidone, Saccharin, Sodium Cyclamate, Sucralose and Sulfamethoxazole were detected. The concentrations found are at levels far below medical doses, and have no known health effects.

Wherever possible, we are using granular activated carbon filtration and blending wells to remove these trace levels from the water we provide to you. Information on these pharmaceutical drugs and the results for each distribution area can be found in the tables below and on pages 13-15.

					Distribution Area 1					Distribution Area 4					Distribution Area 5				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	1.80	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	0.10	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	0.31	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	0.15	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.11	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.09	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Sodium Cyclamate	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.42	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	4.00	0.09	356	No	ND	ND	ND	8	No	ND	ND	ND	10
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	0.06	ND	356	No	ND	ND	ND	8	No	ND	ND	ND	10

					Distribution Area 6					Distribution Area 7					Distribution Area 8				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.48	0.05	50	No	ND	ND	ND	4	No	ND	0.09	0.05	8
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Sodium Cyclamate	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.48	ND	50	No	ND	0.05	ND	4	No	ND	ND	ND	8
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8

					Distribution Area 9					Distribution Area 10					Distribution Area 11				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.10	ND	24	No	ND	0.49	0.08	40	No	ND	2.64	0.12	45
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45
Sodium Cyclamate	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	0.06	ND	45
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.05	ND	24	No	ND	0.11	ND	40	No	ND	0.34	ND	45
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	ND	ND	40	No	ND	ND	ND	45

WATER QUALITY DATA BY DISTRIBUTION AREA

Pharmaceuticals and Personal Care Products (PPCPs) Monitoring (cont'd)

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 12					Distribution Area 14					Distribution Area 15				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	2.03	0.11	291	No	ND	0.35	0.05	15	No	ND	1.64	0.16	189
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	291	No	ND	ND	ND	15	No	ND	0.06	ND	189
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	0.09	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	0.14	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	0.09	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	0.10	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	0.07	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	0.09	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.06	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.05	ND	291	No	ND	ND	ND	15	No	ND	0.23	ND	189
Sodium Cyclamate	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.13	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	2.43	0.22	291	No	ND	0.14	ND	15	No	ND	3.30	0.26	189
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	291	No	ND	ND	ND	15	No	ND	ND	ND	189

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 23					Distribution Area 26					Distribution Area 30				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.89	0.15	145	No	ND	0.65	0.30	28	No	ND	0.81	0.12	140
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	0.16	ND	145	No	ND	ND	ND	28	No	ND	0.19	ND	140
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	1.33	0.10	28	No	ND	0.08	ND	140
Sodium Cyclamate	ncomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.05	ND	145	No	ND	ND	ND	28	No	ND	0.15	ND	140
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.99	0.15	145	No	ND	0.72	0.27	28	No	ND	1.20	0.18	140
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	28	No	ND	ND	ND	140

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 32					Distribution Area 34					Distribution Area 35				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Sodium Cyclamate	ncomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.16	ND	8	No	ND	0.11	0.05	7	No	ND	0.08	ND	8
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	8	No	ND	ND	ND	7	No	ND	ND	ND	8

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 44					Distribution Area 53					Distribution Area 54				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.08	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Sodium Cyclamate	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.15	0.08	6	No	ND	0.10	ND	14	No	ND	ND	ND	24
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24

WATER QUALITY DATA BY DISTRIBUTION AREA

Pharmaceuticals and Personal Care Products (PPCPs) Monitoring (cont'd)

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 57 Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 64 Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 67 Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.20	0.11	6	No	ND	0.22	0.06	10	No	ND	ND	ND	3
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	0.06	ND	10	No	ND	ND	ND	3
Sodium Cyclamate	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.58	0.24	6	No	ND	0.45	0.13	10	No	ND	ND	ND	3
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area EFWD Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Distribution Area RSWD Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Distribution Area SBWD Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Sodium Cyclamate	ncomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area WNWD Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals									
Acesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.48	0.17	12
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	12
Dilantin	Anti-epileptic drug	50	n/a	ug/L	No	ND	ND	ND	12
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	12
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	0.09	ND	12
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	12
Meprobamate	Anti-anxiety drug	50	n/a	ug/L	No	ND	ND	ND	12
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	12
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	12
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.13	ND	12
Sodium Cyclamate	ncomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	12
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	1.26	0.28	12
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	12

SAFE DISPOSAL OF PHARMACEUTICALS

Pharmaceutical contamination of drinking water is an important emerging concern. Changing our practices today can prevent future pollution of our only source of drinking water. Become a part of the solution to help stop the threat of discarded pharmaceuticals finding their way into our groundwater, bays and estuaries. Simply take your unused medications to any of the safe disposal locations on Long Island: Walgreens and CVS have safe drop boxes and accept medical disposals at specific locations across Long Island. Also, most police precincts in Suffolk County will accept prescription drugs for disposal. A list can be found here:
https://www.health.ny.gov/professionals/narcotic/medication_drop_boxes/suffolk.htm

WATER QUALITY DATA BY DISTRIBUTION AREA

Disinfectants and Disinfection Byproducts

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 1					Distribution Area 4					Distribution Area 5				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	1.22	ND	68	No	ND	ND	ND	1	No	ND	0.89	ND	9
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	68	No	ND	ND	ND	1	No	ND	ND	ND	9
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	8.47	0.29	474	No	ND	0.62	ND	8	No	ND	1.94	ND	57
Bromoform	**See Below	**80	n/a	ug/L	No	ND	3.59	ND	474	No	ND	ND	ND	8	No	ND	3.05	0.30	57
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.48	0.10	361	No	0.04	0.10	0.06	8	No	0.05	0.16	0.08	10
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	68	No	ND	ND	ND	1	No	ND	ND	ND	9
Chloroform	**See Below	**80	n/a	ug/L	No	ND	10.01	0.50	474	No	ND	2.36	0.53	8	No	ND	0.73	ND	57
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.25	ND	68	No	ND	ND	ND	1	No	ND	0.77	ND	9
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	7.58	0.26	474	No	ND	ND	ND	8	No	ND	3.87	0.33	57
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	2.05	ND	68	No	ND	ND	ND	1	No	ND	ND	ND	9
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	ND	1.70	0.93	3,869	No	0.70	1.40	1.10	44	No	0.38	1.50	0.94	150
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	68	No	ND	ND	ND	1	No	ND	1.50	ND	9
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.21	ND	68	No	0.64	0.64	0.64	1	No	ND	ND	ND	9
(*MCL is the sum of the starred compounds shown above)																			

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 6					Distribution Area 7					Distribution Area 8				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	1.24	ND	27	No	ND	0.81	ND	9	No	ND	ND	ND	1
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	27	No	ND	ND	ND	9	No	ND	ND	ND	1
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	4.94	ND	222	No	ND	1.22	ND	19	No	ND	ND	ND	12
Bromoform	**See Below	**80	n/a	ug/L	No	ND	2.00	ND	222	No	ND	1.16	ND	19	No	ND	ND	ND	12
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.05	0.19	0.08	49	No	0.05	0.09	0.07	4	No	0.04	0.09	0.06	8
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	27	No	ND	ND	ND	9	No	ND	ND	ND	1
Chloroform	**See Below	**80	n/a	ug/L	No	ND	4.43	ND	222	No	ND	0.77	ND	19	No	ND	0.29	ND	12
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.01	ND	27	No	ND	0.41	ND	9	No	ND	ND	ND	1
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	4.62	ND	222	No	ND	1.90	0.29	19	No	ND	ND	ND	12
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.58	ND	27	No	ND	ND	ND	9	No	ND	ND	ND	1
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.29	1.50	0.98	689	No	0.37	1.46	0.97	162	No	0.72	1.40	1.05	60
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	27	No	ND	ND	ND	9	No	ND	ND	ND	1
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	27	No	ND	ND	ND	9	No	ND	ND	ND	1
(*MCL is the sum of the starred compounds shown above)																			

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 9					Distribution Area 10					Distribution Area 11				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	0.90	ND	13	No	ND	ND	ND	8
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	13	No	ND	ND	ND	8
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	1.67	ND	94	No	ND	1.15	ND	124	No	ND	0.81	ND	194
Bromoform	**See Below	**80	n/a	ug/L	No	ND	0.44	ND	94	No	ND	0.31	ND	124	No	ND	0.90	ND	194
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.06	0.17	0.10	21	No	0.04	0.17	0.08	43	No	0.03	0.18	0.10	42
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	13	No	ND	ND	ND	8
Chloroform	**See Below	**80	n/a	ug/L	No	ND	2.51	0.28	94	No	ND	1.35	0.27	124	No	ND	0.98	ND	194
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	21	No	ND	0.47	ND	13	No	ND	ND	ND	8
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	0.98	ND	94	No	ND	0.94	ND	124	No	ND	1.00	ND	194
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	21	No	ND	1.44	ND	13	No	ND	ND	ND	8
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.40	1.43	0.94	369	No	0.33	1.52	0.94	689	No	0.48	1.64	1.06	552
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	13	No	ND	ND	ND	8
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	21	No	ND	0.71	ND	13	No	ND	ND	ND	8
(*MCL is the sum of the starred compounds shown above)																			

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 12					Distribution Area 14					Distribution Area 15				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	1.55	ND	78	No	ND	ND	ND	7	No	ND	ND	ND	24
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	78	No	ND	ND	ND	7	No	ND	ND	ND	24
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	7.67	0.26	575	No	ND	0.99	ND	25	No	ND	1.66	ND	344
Bromoform	**See Below	**80	n/a	ug/L	No	ND	2.49	ND	575	No	ND	0.31	ND	25	No	ND	1.02	ND	344
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.51	0.10	285	No	0.04	0.12	0.07	15	No	0.03	0.62	0.13	185
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	78	No	ND	ND	ND	7	No	ND	ND	ND	24
Chloroform	**See Below	**80	n/a	ug/L	No	ND	7.00	0.46	575	No	ND	1.18	0.36	25	No	ND	2.67	0.42	344
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.01	ND	78	No	ND	ND	ND	7	No	ND	ND	ND	24
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	6.56	ND	575	No	ND	0.79	ND	25	No	ND	1.27	ND	344
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	2.48	ND	78	No	ND	ND	ND	7	No	ND	ND	ND	24
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.26	1.65	0.96	2,747	No	0.30	1.49	0.94	269	No	0.27	1.55	1.00	2,003
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	78	No	ND	ND	ND	7	No	ND	ND	ND	24
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.67	ND	78	No	ND	ND	ND	7	No	ND	0.68	ND	24
(*MCL is the sum of the starred compounds shown above)																			

**Total Trihalomethanes (TTHMs – chloroform, bromodichloromethane, dibromochloromethane, and bromoform) are a by-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains organic matter

WATER QUALITY DATA BY DISTRIBUTION AREA

Disinfectants and Disinfection Byproducts (cont'd)

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 23					Distribution Area 26					Distribution Area 30				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	23	No	ND	0.97	ND	7	No	ND	2.15	0.84	17
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	7	No	ND	ND	ND	17
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	2.80	ND	242	No	ND	3.65	0.39	59	No	ND	5.12	0.29	198
Bromoform	**See Below	**80	n/a	ug/L	No	ND	0.99	ND	242	No	ND	3.73	0.33	59	No	ND	3.52	0.30	198
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.04	0.42	0.14	143	No	0.09	0.27	0.17	32	No	ND	0.38	0.14	124
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	7	No	ND	2.05	ND	17
Chloroform	**See Below	**80	n/a	ug/L	No	ND	4.50	1.06	242	No	0.26	3.20	1.01	59	No	ND	2.66	0.40	198
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.69	ND	23	No	ND	1.20	0.65	7	No	ND	2.07	0.95	17
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	2.72	ND	242	No	ND	5.42	0.49	59	No	ND	7.15	0.40	198
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	7	No	ND	2.11	ND	17
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.38	1.52	0.95	1,241	No	0.40	1.46	0.90	255	No	0.14	1.50	0.92	821
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	7	No	ND	ND	ND	17
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	7	No	ND	0.95	ND	17
(*MCL is the sum of the starred compounds shown above)																			

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 32					Distribution Area 34					Distribution Area 35				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	2	No	ND	ND	ND	1
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	2	No	ND	ND	ND	1
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	0.34	ND	10	No	ND	1.48	0.26	11	No	ND	ND	ND	29
Bromoform	**See Below	**80	n/a	ug/L	No	ND	ND	ND	10	No	ND	0.46	ND	11	No	ND	ND	ND	29
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.08	0.23	0.15	7	No	0.06	0.13	0.10	7	No	0.08	0.28	0.16	8
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	2	No	ND	ND	ND	1
Chloroform	**See Below	**80	n/a	ug/L	No	ND	4.19	1.66	10	No	0.26	2.13	1.66	11	No	ND	ND	ND	29
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	2	No	ND	ND	ND	1
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	0.31	ND	10	No	ND	1.50	0.27	11	No	ND	ND	ND	29
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	2	No	ND	ND	ND	1
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.60	1.32	1.05	61	No	0.49	1.34	0.97	105	No	0.71	1.50	1.08	93
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	2	No	ND	ND	ND	1
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	2	No	ND	ND	ND	1
(*MCL is the sum of the starred compounds shown above)																			

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 44					Distribution Area 53					Distribution Area 54				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	9	No	ND	ND	ND	6
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	0.87	ND	9	No	ND	ND	ND	6
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	1.22	0.26	10	No	ND	1.61	0.46	24	No	ND	1.90	0.39	28
Bromoform	**See Below	**80	n/a	ug/L	No	ND	0.52	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.10	0.19	0.14	6	No	0.04	0.57	0.09	22	No	ND	1.05	0.20	38
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	9	No	ND	ND	ND	6
Chloroform	**See Below	**80	n/a	ug/L	No	0.79	3.06	1.88	10	No	ND	7.44	1.30	24	No	ND	4.26	0.74	28
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	9	No	ND	ND	ND	6
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	1.40	0.27	10	No	ND	0.61	ND	24	No	ND	0.83	ND	28
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	3.74	1.77	9	No	ND	1.42	ND	6
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.40	1.45	0.84	56	No	0.59	1.50	1.03	82	No	0.33	1.50	1.06	140
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	9	No	ND	ND	ND	6
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	0.65	6.29	2.56	9	No	0.55	1.17	0.95	6
(*MCL is the sum of the starred compounds shown above)																			

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 57					Distribution Area 64					Distribution Area 67				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	0.95	ND	7	No	ND	0.82	ND	2
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	7	No	ND	ND	ND	2
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	2.69	0.46	10	No	ND	1.82	0.51	20	No	ND	0.70	0.32	3
Bromoform	**See Below	**80	n/a	ug/L	No	ND	1.44	0.30	10	No	ND	1.85	0.45	20	No	ND	ND	ND	3
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.09	0.25	0.17	8	No	0.09	0.22	0.14	12	No	0.07	0.10	0.08	3
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	7	No	ND	ND	ND	2
Chloroform	**See Below	**80	n/a	ug/L	No	0.28	3.44	1.69	10	No	1.22	3.63	2.57	20	No	ND	0.93	0.39	3
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	0.49	0.49	0.49	1	No	0.42	0.90	0.62	7	No	ND	ND	ND	2
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	3.19	0.53	10	No	ND	3.33	0.79	20	No	ND	0.75	0.33	3
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	7	No	ND	ND	ND	2
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.45	1.42	0.86	57	No	0.38	1.20	0.94	31	No	0.70	1.19	0.98	5
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	7	No	ND	ND	ND	2
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	7	No	ND	ND	ND	2
(*MCL is the sum of the starred compounds shown above)																			

**Total Trihalomethanes (TTHMs – chloroform, bromodichloromethane, dibromochloromethane, and bromoform) are a by-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains organic matter

WATER QUALITY DATA BY DISTRIBUTION AREA

Disinfectants and Disinfection Byproducts (cont'd)

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area EFWD					Distribution Area RSWD					Distribution Area SBWD				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	14	No	ND	ND	ND	9	No	ND	ND	ND	10
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	14	No	ND	ND	ND	9	No	ND	ND	ND	10
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	0.29	2.51	0.93	16	No	ND	0.96	0.43	10	No	ND	0.35	ND	12
Bromoform	**See Below	**80	n/a	ug/L	No	ND	5.35	0.49	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.06	0.13	0.08	12	No	0.06	0.11	0.08	10	No	0.03	0.09	0.07	12
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	14	No	ND	ND	ND	9	No	ND	ND	ND	10
Chloroform	**See Below	**80	n/a	ug/L	No	0.36	8.86	1.43	16	No	0.53	1.66	1.07	10	No	ND	0.56	0.34	12
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.34	ND	14	No	ND	ND	ND	9	No	ND	ND	ND	10
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	0.31	2.49	0.78	16	No	ND	0.67	0.33	10	No	ND	0.29	ND	12
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	14	No	ND	ND	ND	9	No	ND	ND	ND	10
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.42	1.38	0.84	156	No	0.77	1.36	0.99	56	No	0.40	1.32	0.93	104
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	14	No	ND	ND	ND	9	No	ND	ND	ND	10
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	14	No	ND	ND	ND	9	No	ND	ND	ND	10
(*MCL is the sum of the starred compounds shown above)																			

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area WNWD				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**									
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	0.95	ND	5
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	5
Bromodichloromethane	**See Below	**80	n/a	ug/L	No	ND	1.40	0.28	27
Bromoform	**See Below	**80	n/a	ug/L	No	ND	0.50	ND	27
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.08	0.55	0.20	14
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	5
Chloroform	**See Below	**80	n/a	ug/L	No	ND	1.90	0.68	27
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.70	0.41	5
Dibromochloromethane	**See Below	**80	n/a	ug/L	No	ND	1.41	0.30	27
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	5
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.66	1.52	0.97	34
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	5
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.55	ND	5
(*MCL is the sum of the starred compounds shown above)									

**Total Trihalomethanes (TTHMs – chloroform, bromodichloromethane, dibromochloromethane, and bromoform) are a by-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains organic matter

LEAD AND COPPER INFORMATION

Lead

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing.
The Suffolk County Water Authority is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time.
You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes.
If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact SCWA at 631-698-9500. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at:
https://www.epa.gov/safewater/lead

A Lead Service Line (LSL) is defined as any portion of pipe that is made of lead which connects the water main to the building inlet. An LSL may be owned by the water system, owned by the property owner, or both. The inventory includes both potable and nonpotable SLs within a system. In accordance with the federal Lead and Copper Rule Revisions (LCRR) our system has prepared a lead service line inventory and have made it publicly accessible by (include instructions on how to access the inventory (including inventories consisting only of a statement declaring that the distribution system has no lead, galvanized requiring replacement, or lead status unknown service lines)) and/or visiting our website at:
https://www.scwa.com/leadandcopper/

Lead and Copper Rule (LCR) Monitoring

This EPA regulation requires public water systems to monitor drinking water at specific customers' taps every three years, to check the effectiveness of our pH treatment and to ensure the quality of our drinking water. If lead levels exceed 15 parts per billion (ppb) or copper levels exceed 1.3 parts per million (ppm) in more than 10% of these samples, we must improve our corrosion control (pH treatment). SCWA has successfully met the Lead and Copper Rule requirements we are required to test every 3 years. Lead and copper testing was not performed in 2024. Additional information on our pH treatment can be found on page 44.

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 1					Distribution Area 4					Distribution Area 5				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation of Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	ND	122.2	37.7	335	No	35.6	46.0	41.5	8	No	35.2	108.0	59.8	10
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.25	0.03	655	No	ND	0.09	0.06	8	No	ND	0.11	0.05	20
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	0.22	ND	400	No	ND	ND	ND	8	No	ND	ND	ND	10
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	2.1	ND	655	No	ND	ND	ND	8	No	ND	ND	ND	20
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.07	ND	655	No	ND	ND	ND	8	No	ND	0.20	0.13	20
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	0.64	ND	1,029	No	ND	0.11	ND	38	No	ND	ND	ND	12
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	165.0	ND	361	No	ND	ND	ND	8	No	ND	88.8	ND	10
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	ND	62.0	12.1	1,029	No	ND	0.8	ND	38	No	12.5	54.6	30.5	12
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	3.7	131.9	20.1	386	No	3.2	3.9	3.6	8	No	11.7	142.7	73.7	47
Chromium, total	Natural deposits	100	100	ug/L	No	ND	1.4	ND	655	No	ND	ND	ND	8	No	ND	7.3	1.3	20
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	ND	24.3	5.0	335	No	2.8	17.9	8.2	8	No	1.7	20.3	8.5	10
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	3.1	ND	655	No	ND	ND	ND	8	No	ND	ND	ND	20
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	12	ND	330	No	ND	7	ND	8	No	ND	10	ND	10
Copper	Household plumbing, leaching of wood preservatives	AL=1.	1.3	mg/L	No	ND	0.23	ND	655	No	ND	ND	ND	8	No	ND	0.08	0.02	20
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	0.5	ND	386	No	ND	ND	ND	8	No	ND	ND	ND	47
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	2.8	190.2	36.4	1,029	No	ND	2.3	ND	38	No	49.9	186.8	109.5	12
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	ND	1.75	0.17	329	No	ND	0.46	0.15	8	No	0.14	9.28	2.26	11
Iron	Naturally occurring	300	n/a	ug/L	Yes	ND	956	223	1,029	Yes	200	485	283	38	No	ND	164	40	12
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	8.3	2.1	655	No	3.5	4.3	3.9	8	No	ND	1.8	1.3	20
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	0.22	8.62	1.48	1,029	No	ND	ND	ND	38	No	4.38	12.38	8.11	12
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	90	ND	1,029	No	ND	ND	ND	38	No	ND	10	ND	12
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	655	No	ND	ND	ND	8	No	ND	ND	ND	20
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	6.5	1.0	655	No	ND	1.5	ND	8	No	ND	1.7	1.1	20
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	5.71	0.70	385	No	ND	0.01	ND	8	No	3.51	7.54	5.89	47
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	386	No	ND	ND	ND	8	No	ND	ND	ND	47
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	1.99	ND	337	No	ND	ND	ND	8	No	0.48	1.35	0.83	10
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	8.9	7.4	621	No	6.6	7.5	7.1	9	No	6.5	8.0	7.3	22
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.0	8.5	7.4	4,108	No	7.0	8.0	7.4	51	No	7.0	8.2	7.5	158
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	3.80	0.68	1,029	No	0.29	4.22	1.89	38	No	ND	ND	ND	12
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.23	5.66	0.62	1,029	No	1.14	1.39	1.28	38	No	0.92	2.32	1.58	12
Silicon	Naturally occurring	n/a	n/a	mg/L	No	2.6	8.6	4.9	655	No	4.2	4.4	4.3	8	No	6.8	7.9	7.3	20
Sodium	Naturally occurring	n/a	n/a	mg/L	No	2.3	60.7	6.9	1,029	No	19.4	26.8	23.5	38	No	8.7	71.7	32.9	12
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	35	537	134	335	No	99	120	111	8	No	97	730	336	10
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	ND	0.199	0.039	655	No	ND	ND	ND	8	No	0.038	0.153	0.110	20
Sulfate	Naturally occuring	250	n/a	mg/L	No	ND	50.3	6.9	386	No	7.5	8.4	8.1	8	No	5.6	18.0	12.2	47
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	8.7	ND	1,029	No	ND	ND	ND	38	No	ND	5.9	ND	12
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.6	ND	45	No	ND	0.9	0.9	2	No	ND	ND	ND	2
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	3.88	ND	336	No	0.8	0.45	ND	8	No	ND	2.39	0.66	10
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	655	No	ND	ND	ND	8	No	ND	ND	ND	20
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	1.1	ND	655	No	ND	ND	ND	8	No	ND	ND	ND	20
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.07	ND	655	No	ND	ND	ND	8	No	ND	0.03	ND	20
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	339	No	ND	ND	ND	8	No	ND	ND	ND	12
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	339	No	ND	ND	ND	8	No	ND	ND	ND	12
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	335	No	ND	ND	ND	8	No	ND	ND	ND	10
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	336	No	ND	ND	ND	8	No	ND	ND	ND	10
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	0.23	ND	288	No	ND	ND	ND	8	No	ND	ND	ND	8
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	0.72	0.09	391	No	ND	ND	ND	8	No	ND	0.64	0.25	29
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	288	No	ND	ND	ND	8	No	ND	ND	ND	8
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	339	No	ND	ND	ND	8	No	ND	ND	ND	12
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	339	No	ND	ND	ND	8	No	ND	ND	ND	12
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	336	No	ND	ND	ND	8	No	ND	ND	ND	12
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	0.97	ND	474	No	ND	ND	ND	8	No	ND	0.60	0.26	57
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.38	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	0.17	ND	57
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	0.14	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	0.57	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.23	ND	474	No	ND	ND	ND	8	No	ND	1.19	ND	57
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.52	ND	474	No	ND	ND	ND	8	No	ND	0.55	ND	57
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	0.34	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.16	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	0.27	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	0.30	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	0.78	ND	474	No	ND	ND	ND	8	No	ND	ND	ND	57
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	474	No	ND	ND	ND	8	No	ND	0.31	ND	57

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 6					Distribution Area 7					Distribution Area 8				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation of Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	23.8	84.0	56.3	45	No	59.8	68.8	65.8	4	No	25.8	34.2	29.3	8
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.06	0.03	52	No	0.03	0.04	0.04	4	No	ND	0.03	ND	8
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	47	No	ND	ND	ND	4	No	ND	ND	ND	8
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.06	0.02	52	No	ND	0.04	0.02	4	No	ND	ND	ND	8
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	45	No	ND	ND	ND	4	No	ND	ND	ND	8
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	398.5	ND	49	No	53.4	62.0	58.1	4	No	ND	ND	ND	8
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	7.1	36.5	23.2	45	No	26.3	33.5	29.5	4	No	9.8	16.9	12.6	8
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	7.3	31.3	21.4	218	No	19.6	28.5	25.6	26	No	5.9	17.2	11.4	8
Chromium, total	Natural deposits	100	100	ug/L	No	ND	13.0	1.9	52	No	ND	2.3	1.4	4	No	ND	ND	ND	8
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.9	32.9	7.8	45	No	3.7	9.1	6.8	4	No	4.5	14.7	6.8	8
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	0.7	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	7	ND	45	No	ND	7	ND	4	No	ND	5	ND	8
Copper	Household plumbing, leaching of wood preservatives	AL=1.	1.3	mg/L	No	ND	0.05	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	219	No	ND	ND	ND	26	No	ND	ND	ND	8
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	23.9	123.6	77.1	45	No	87.7	108.0	96.7	4	No	28.0	53.2	38.7	8
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	ND	12.02	1.58	49	No	ND	2.13	1.20	4	No	ND	0.26	0.14	8
Iron	Naturally occurring	300	n/a	ug/L	No	ND	37	ND	45	No	ND	ND	ND	4	No	ND	ND	ND	8
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.0	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	1.48	8.00	4.69	45	No	5.33	5.92	5.56	4	No	0.80	2.78	1.73	8
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	10	ND	45	No	ND	ND	ND	4	No	ND	ND	ND	8
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	1.5	0.6	52	No	ND	1.0	0.5	4	No	0.6	1.3	0.9	8
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	8.62	6.08	219	No	6.00	7.69	7.36	26	No	1.44	3.90	2.63	8
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	219	No	ND	ND	ND	26	No	ND	ND	ND	8
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	2.96	1.06	59	No	ND	1.21	0.79	4	No	0.60	2.05	1.13	8
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	8.3	7.3	70	No	6.7	7.6	7.2	9	No	6.6	7.1	7.0	9
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.0	8.2	7.4	720	No	7.0	8.1	7.2	165	No	7.0	7.7	7.3	66
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	0.82	ND	45	No	ND	ND	ND	4	No	ND	ND	ND	8
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.56	1.50	1.10	45	No	1.05	1.38	1.23	4	No	0.51	0.97	0.73	8
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.9	8.8	6.9	52	No	6.9	8.1	7.4	4	No	3.7	4.0	3.9	8
Sodium	Naturally occurring	n/a	n/a	mg/L	No	5.7	16.5	11.1	45	No	11.8	17.3	14.8	4	No	4.8	9.7	7.3	8
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	91	353	226	45	No	249	322	293	4	No	84	174	123	8
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.025	0.125	0.075	52	No	0.086	0.105	0.096	4	No	0.017	0.049	0.032	8
Sulfate	Naturally occuring	250	n/a	mg/L	No	ND	24.1	12.3	219	No	10.1	13.6	12.6	26	No	ND	7.6	3.7	8
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	45	No	ND	ND	ND	4	No	ND	ND	ND	8
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	5	No	ND	ND	ND	2	No	ND	ND	ND	2
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	0.94	ND	45	No	ND	0.41	ND	4	No	ND	0.72	ND	8
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	ND	ND	52	No	ND	ND	ND	4	No	ND	ND	ND	8
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	4	No	ND	ND	ND	8
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	4	No	ND	ND	ND	8
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	4	No	ND	ND	ND	8
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	47	No	ND	ND	ND	4	No	ND	ND	ND	8
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	43	No	ND	ND	ND	4	No	ND	ND	ND	8
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	1.03	0.35	139	No	ND	0.48	0.08	14	No	ND	0.21	0.11	14
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	43	No	ND	ND	ND	4	No	ND	ND	ND	8
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	4	No	ND	ND	ND	8
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	4	No	ND	ND	ND	8
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	1.79	ND	63	No	ND	ND	ND	4	No	ND	ND	ND	8
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	1.36	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	2.04	0.44	222	No	ND	0.62	0.32	19	No	ND	ND	ND	12
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	0.44	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.28	ND	222	No	ND	ND	ND	19	No	ND	ND	0.27	12
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	0.53	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	0.48	ND	12
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	1.90	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	0.25	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	0.53	ND	222	No	ND	ND	ND	19	No	ND	0.35	ND	12
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	1.30	ND	222	No	ND	ND	ND	19	No	ND	ND	ND	12

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 9					Distribution Area 10					Distribution Area 11				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation of Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	37.8	91.8	64.0	21	No	ND	66.4	46.9	39	No	26.0	112.4	57.1	42
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.06	0.03	25	No	ND	0.04	0.03	40	No	ND	0.09	0.05	52
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	21	No	ND	ND	ND	41	No	ND	ND	ND	44
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	25	No	ND	ND	ND	40	No	ND	ND	ND	52
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.03	0.02	25	No	ND	0.04	ND	40	No	ND	0.07	0.03	52
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	22	No	ND	ND	ND	39	No	ND	ND	ND	52
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	57.4	ND	21	No	ND	63.2	ND	43	No	ND	551.2	69.0	42
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	9.0	36.5	26.1	22	No	12.7	34.9	22.7	39	No	10.8	52.0	27.3	52
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	12.6	45.7	25.6	130	No	11.8	35.0	20.9	208	No	9.9	85.2	43.5	165
Chromium, total	Natural deposits	100	100	ug/L	No	ND	3.9	0.9	25	No	ND	3.1	0.7	40	No	ND	3.1	ND	52
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.8	20.7	7.0	21	No	1.1	31.6	9.0	39	No	1.3	25.4	8.3	42
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	25	No	ND	2.1	ND	40	No	ND	3.1	0.6	52
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	7	ND	21	No	ND	5	ND	39	No	ND	7	ND	42
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	0.03	ND	25	No	ND	0.06	ND	40	No	ND	ND	ND	52
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	130	No	ND	ND	ND	208	No	ND	ND	ND	165
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	36.8	130.0	91.2	22	No	39.4	115.3	74.1	39	No	35.0	159.7	86.4	52
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	ND	4.02	0.72	25	No	ND	2.99	0.61	40	No	ND	2.48	0.40	42
Iron	Naturally occurring	300	n/a	ug/L	No	ND	37	ND	22	No	ND	31	ND	39	No	ND	60	ND	52
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.8	ND	25	No	ND	ND	ND	40	No	ND	1.1	ND	52
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	2.65	10.53	6.31	22	No	1.76	6.82	4.25	39	No	1.25	7.26	4.42	52
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	22	No	ND	ND	ND	39	No	ND	84	20	52
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	25	No	ND	ND	ND	40	No	ND	ND	ND	52
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	2.7	0.8	25	No	ND	2.8	1.2	40	No	ND	5.6	1.8	52
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	1.33	9.74	6.64	129	No	0.10	8.47	6.45	205	No	0.13	9.04	6.02	164
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	130	No	ND	ND	ND	206	No	ND	ND	ND	165
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	1.40	0.65	22	No	ND	4.11	1.74	65	No	ND	2.03	0.58	44
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.4	8.5	7.4	61	No	6.5	7.9	7.1	61	No	6.5	8.7	7.2	78
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	8.0	7.4	385	No	7.0	8.0	7.3	712	No	6.5	9.0	7.4	584
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	0.29	ND	22	No	ND	ND	ND	39	No	ND	0.25	ND	52
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.82	2.14	1.29	22	No	0.84	1.46	1.09	39	No	0.67	2.23	1.33	52
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.6	9.7	7.2	25	No	3.6	8.0	5.2	40	No	3.9	7.3	5.1	52
Sodium	Naturally occurring	n/a	n/a	mg/L	No	9.8	22.5	16.2	22	No	7.7	16.3	12.4	39	No	6.7	37.9	20.7	52
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	190	387	298	21	No	131	325	229	39	No	114	512	272	42
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.052	0.130	0.097	25	No	0.031	0.139	0.071	40	No	0.022	0.147	0.071	52
Sulfate	Naturally occuring	250	n/a	mg/L	No	3.3	29.8	16.0	130	No	ND	30.0	12.0	208	No	ND	17.0	8.7	165
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	22	No	ND	ND	ND	39	No	ND	ND	ND	52
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	5	No	ND	0.5	ND	5	No	ND	ND	ND	4
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	5.21	0.61	21	No	ND	0.86	ND	39	No	ND	3.80	0.59	42
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	25	No	ND	ND	ND	40	No	ND	ND	ND	52
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	25	No	ND	ND	ND	40	No	ND	ND	ND	52
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	ND	ND	25	No	ND	ND	ND	40	No	ND	0.03	ND	52
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	46
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	46
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	40	No	ND	ND	ND	46
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	42	No	ND	ND	ND	63
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	18	No	ND	ND	ND	34	No	ND	ND	ND	39
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	1.08	0.25	75	No	ND	1.17	0.41	70	No	ND	1.39	0.42	110
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	18	No	ND	ND	ND	34	No	ND	ND	ND	39
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	46
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	46
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	25	No	ND	ND	ND	39	No	ND	ND	ND	47
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	0.56	ND	194
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	1.96	ND	194
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	0.28	ND	124	No	ND	1.26	ND	194
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	1.32	0.36	94	No	ND	0.81	0.26	124	No	ND	1.11	0.29	194
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.46	ND	94	No	ND	0.41	ND	124	No	ND	0.67	ND	194
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	94	No	ND	0.25	ND	124	No	ND	ND	ND	194
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	94	No	ND	6.79	ND	124	No	ND	ND	ND	194
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	94	No	ND	0.34	ND	124	No	ND	1.08	ND	194
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	94	No	ND	0.78	ND	124	No	ND	0.56	ND	194
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	ND	ND	194
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	0.55	ND	94	No	ND	0.39	ND	124	No	ND	0.53	ND	194
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	94	No	ND	0.26	ND	124	No	ND	0.55	ND	194
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	1.54	ND	194
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	0.34	ND	124	No	ND	ND	ND	194
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	94	No	ND	ND	ND	124	No	ND	2.10	ND	194

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 12					Distribution Area 14					Distribution Area 15				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation of Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	ND	136.0	57.0	268	No	ND	50.4	23.0	15	No	ND	146.4	49.7	168
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.36	0.03	472	No	ND	ND	ND	15	No	ND	0.12	0.03	199
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	0.07	ND	299	No	ND	ND	ND	15	No	ND	0.13	ND	178
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	4.7	ND	472	No	ND	ND	ND	15	No	ND	1.7	ND	199
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.09	ND	472	No	ND	0.02	ND	15	No	ND	0.09	0.02	199
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	494	No	ND	ND	ND	15	No	ND	ND	ND	236
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	86.0	ND	285	No	ND	ND	ND	15	No	ND	93.7	ND	185
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	1.7	61.5	21.6	494	No	2.6	18.0	8.1	15	No	3.3	54.4	22.6	236
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	4.0	130.6	41.6	508	No	4.4	26.5	10.1	17	No	4.2	145.1	38.9	533
Chromium, total	Natural deposits	100	100	ug/L	No	ND	4.5	0.6	472	No	ND	0.9	ND	15	No	ND	3.6	1.0	199
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.2	62.4	8.2	268	No	3.0	20.3	8.2	15	No	0.9	39.1	9.7	168
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	3.0	ND	472	No	ND	ND	ND	15	No	ND	0.9	ND	199
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	Yes	ND	15	ND	267	No	ND	5	ND	15	No	ND	7	ND	167
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	0.07	ND	472	No	ND	0.06	0.02	15	No	ND	0.05	ND	199
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	508	No	ND	ND	ND	17	No	ND	ND	ND	533
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	5.8	182.3	71.6	494	No	9.8	59.6	25.9	15	No	11.1	181.1	77.4	236
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	ND	3.99	0.53	263	No	0.11	0.83	0.41	15	No	ND	3.63	0.80	156
Iron	Naturally occurring	300	n/a	ug/L	Yes	ND	845	101	494	No	ND	37	ND	15	Yes	ND	1,042	71	236
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	5.0	ND	472	No	ND	ND	ND	15	No	ND	3.6	ND	199
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	0.34	18.96	4.31	494	No	0.67	3.56	1.39	15	No	0.69	12.05	5.10	236
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	161	19	494	No	ND	ND	ND	15	No	ND	68	15	236
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	1.0	ND	472	No	ND	ND	ND	15	No	ND	ND	ND	199
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	6.8	0.7	472	No	ND	0.5	ND	15	No	ND	2.9	0.5	199
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	9.14	4.54	506	No	0.03	4.03	1.39	17	No	0.06	8.97	4.89	532
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	506	No	ND	ND	ND	17	No	ND	ND	ND	532
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	2.62	0.42	266	No	ND	1.39	0.36	15	No	ND	3.88	0.87	196
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.3	8.4	7.3	429	No	6.5	7.5	7.0	25	No	6.5	8.3	7.1	226
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	5.5	8.5	7.4	2,966	No	7.0	7.9	7.3	281	No	5.6	8.4	7.4	2,136
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	5.73	0.51	494	No	ND	ND	ND	15	No	ND	2.38	0.52	236
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.24	3.42	1.14	494	No	0.33	0.99	0.49	15	No	0.32	4.59	1.32	236
Silicon	Naturally occurring	n/a	n/a	mg/L	No	3.1	10.8	6.6	472	No	4.2	6.9	5.2	15	No	4.6	10.8	7.3	199
Sodium	Naturally occurring	n/a	n/a	mg/L	No	3.2	61.3	17.0	494	No	3.7	12.3	5.9	15	No	3.7	86.8	21.3	236
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	48	576	252	268	No	44	208	88	15	No	48	605	245	168
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	ND	0.194	0.055	472	No	ND	0.050	0.015	15	No	ND	0.168	0.067	199
Sulfate	Naturally occuring	250	n/a	mg/L	No	ND	28.4	14.0	508	No	ND	10.7	3.3	17	No	ND	39.5	12.0	533
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	8.9	ND	494	No	ND	ND	ND	15	No	ND	5.1	ND	236
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.8	ND	37	No	ND	0.5	ND	5	No	ND	0.6	ND	18
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	3.15	0.48	268	No	ND	0.46	ND	15	No	ND	2.85	0.45	168
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	472	No	ND	ND	ND	15	No	ND	1.05	ND	199
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	5.4	ND	472	No	ND	ND	ND	15	No	ND	6.8	ND	199
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.04	ND	472	No	ND	ND	ND	15	No	ND	0.05	ND	199
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	ND	ND	181
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	ND	ND	181
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	268	No	ND	ND	ND	16	No	ND	ND	ND	174
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	277	No	ND	ND	ND	18	No	ND	0.20	ND	172
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	0.34	ND	238	No	ND	ND	ND	14	No	ND	ND	ND	151
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	1.44	0.16	427	No	ND	0.31	0.11	19	No	ND	0.94	0.21	258
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	238	No	ND	ND	ND	14	No	ND	ND	ND	151
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	ND	ND	181
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	ND	ND	181
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	1.28	ND	283	No	ND	ND	ND	16	No	ND	1.67	ND	181
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.23	ND	575	No	ND	ND	ND	25	No	ND	0.36	ND	344
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	1.76	ND	575	No	ND	ND	ND	25	No	ND	0.27	ND	344
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.34	ND	575	No	ND	ND	ND	25	No	ND	0.84	ND	344
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	3.53	ND	575	No	ND	ND	ND	25	No	ND	ND	ND	344
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	1.12	ND	575	No	ND	0.31	ND	25	No	ND	1.68	ND	344
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	575	No	ND	ND	ND	25	No	ND	ND	ND	344
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	1.23	ND	575	No	ND	ND	ND	25	No	ND	0.82	ND	344
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	575	No	ND	ND	ND	25	No	ND	0.34	ND	344
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.16	ND	575	No	ND	ND	ND	25	No	ND	ND	ND	344
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	575	No	ND	ND	ND	25	No	ND	0.67	ND	344
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	7.56	ND	575	No	ND	ND	ND	25	No	ND	ND	ND	344
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	1.53	ND	575	No	ND	ND	ND	25	No	ND	0.96	ND	344
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.83	ND	575	No	ND	ND	ND	25	No	ND	0.34	ND	344
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.50	ND	575	No	ND	ND	ND	25	No	ND	ND	ND	344
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	1.74	ND	575	No	ND	ND	ND	25	No	ND	0.66	ND	344
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.20	ND	575	No	ND	ND	ND	25	No	ND	ND	ND	344
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	575	No	ND	ND	ND	25	No	ND	ND	ND	344
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	0.70	ND	575	No	ND	ND	ND	25	No	ND	0.73	ND	344
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	0.94	ND	575	No	ND	ND	ND	25	No	ND	0.51	ND	344
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	575	No	ND	ND	ND	25	No	ND	2.28	ND	344
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	575	No	ND	ND	ND	25	No	ND	0.51	ND	344
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	575	No	ND	ND	ND	25	No	ND	0.71	ND	344

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 23					Distribution Area 26					Distribution Area 30				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation of Yes/No	Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	24.6	98.8	48.2	133	No	29.5	131.6	59.7	28	No	21.4	147.8	69.6	106
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.17	0.03	141	No	ND	0.08	0.03	28	No	ND	0.18	0.05	139
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	0.06	ND	139	No	ND	ND	ND	28	No	ND	ND	ND	143
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	141	No	ND	ND	ND	28	No	ND	ND	ND	139
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.09	0.03	141	No	0.02	0.09	0.05	28	No	ND	0.08	0.03	139
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	253	No	ND	ND	ND	131	No	ND	ND	ND	175
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	177.5	ND	143	No	ND	119.4	69.4	32	No	ND	595.4	83.9	124
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	7.6	55.9	24.4	253	No	9.2	52.3	22.3	131	No	8.2	68.0	32.5	175
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	9.4	75.7	37.5	250	No	26.1	76.1	44.4	31	No	15.5	226.7	53.9	546
Chromium, total	Natural deposits	100	100	ug/L	No	ND	1.3	ND	141	No	ND	0.8	ND	28	No	ND	2.0	0.5	139
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.2	24.3	6.4	125	No	0.9	22.9	6.3	28	No	0.8	38.9	9.5	106
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	4.5	ND	141	No	ND	0.9	ND	28	No	ND	ND	ND	139
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	7	ND	123	No	ND	7	ND	28	No	ND	7	ND	104
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	0.08	ND	141	No	ND	ND	ND	28	No	ND	0.34	ND	139
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	250	No	ND	ND	ND	31	No	ND	ND	ND	546
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	25.6	169.1	81.0	253	No	40.4	172.6	83.0	131	No	33.2	242.2	111.5	175
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	ND	1.47	0.36	122	No	ND	0.44	0.19	28	No	ND	1.62	0.33	98
Iron	Naturally occurring	300	n/a	ug/L	Yes	ND	809	139	253	Yes	ND	819	116	131	No	ND	143	36	175
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	5.4	1.2	141	No	ND	2.3	1.2	28	No	ND	2.7	ND	139
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	1.50	8.99	4.86	253	No	3.20	10.18	6.60	131	No	2.99	19.65	7.38	175
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	171	30	253	No	ND	122	18	131	No	ND	201	32	175
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	141	No	ND	ND	ND	28	No	ND	ND	ND	139
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	3.1	0.6	141	No	ND	1.5	0.5	28	No	ND	1.6	0.5	139
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	8.34	3.75	251	No	0.28	4.70	2.05	31	No	0.02	7.80	4.84	544
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	0.017	ND	250	No	ND	ND	ND	31	No	ND	ND	ND	544
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	1.14	ND	131	No	ND	0.35	ND	28	No	ND	2.98	1.36	162
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	8.7	7.3	192	No	6.8	8.0	7.4	40	No	6.5	8.5	7.3	197
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.0	8.5	7.4	1,329	No	7.0	8.5	7.5	267	No	6.0	8.5	7.5	906
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	2.89	0.56	253	No	ND	4.18	1.23	131	No	ND	3.29	0.46	175
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.44	3.86	1.44	253	No	1.00	2.31	1.68	131	No	0.63	5.54	2.48	175
Silicon	Naturally occurring	n/a	n/a	mg/L	No	5.2	10.4	7.6	141	No	7.4	11.0	9.2	28	No	4.1	8.9	6.5	139
Sodium	Naturally occurring	n/a	n/a	mg/L	No	7.2	39.3	18.4	253	No	15.7	40.7	27.2	131	No	9.1	97.9	37.2	175
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	87	489	239	125	No	185	436	313	28	No	155	1,021	407	106
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.021	0.133	0.071	141	No	0.046	0.127	0.082	28	No	0.046	0.235	0.111	139
Sulfate	Naturally occuring	250	n/a	mg/L	No	3.8	61.8	21.1	250	No	8.6	25.0	13.0	31	No	6.6	72.0	34.4	546
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	253	No	ND	ND	ND	131	No	ND	5.9	ND	175
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.7	0.6	16	No	0.5	0.7	0.6	6	No	0.6	0.8	0.7	10
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	3.88	0.42	125	No	ND	7.48	1.08	28	No	ND	2.33	0.45	106
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	141	No	ND	ND	ND	28	No	ND	ND	ND	139
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	5.7	ND	141	No	ND	ND	ND	28	No	ND	1.3	ND	139
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.03	ND	141	No	ND	0.05	ND	28	No	ND	ND	ND	139
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	146	No	ND	ND	ND	28	No	ND	1.36	ND	136
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	0.80	ND	146	No	ND	ND	ND	28	No	ND	1.04	ND	136
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	131	No	ND	ND	ND	28	No	ND	0.54	ND	190
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	131	No	ND	ND	ND	28	No	ND	ND	ND	118
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	0.48	ND	119	No	ND	0.33	ND	26	No	ND	0.29	ND	123
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	0.23	ND	153	No	ND	0.60	0.09	44	No	ND	0.18	ND	139
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	119	No	ND	ND	ND	26	No	ND	0.40	ND	123
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	2.47	ND	146	No	ND	ND	ND	28	No	ND	2.51	ND	136
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	0.87	ND	146	No	ND	ND	ND	28	No	ND	2.77	ND	136
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	1.07	ND	136	No	ND	ND	ND	28	No	ND	9.14	1.39	173
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	0.14	ND	59	No	ND	ND	ND	198
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	2.42	ND	242	No	ND	0.47	ND	59	No	ND	ND	ND	198
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	0.29	ND	59	No	ND	ND	ND	198
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	0.34	ND	198
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	1.89	ND	242	No	ND	0.17	ND	59	No	ND	ND	ND	198
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	0.28	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	0.41	ND	242	No	ND	0.36	ND	59	No	ND	0.27	ND	198
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	242	No	ND	1.04	ND	59	No	ND	ND	ND	198
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.56	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	0.44	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	242	No	ND	ND	ND	59	No	ND	ND	ND	198

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 32					Distribution Area 34					Distribution Area 35				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation of Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	28.4	63.2	43.2	6	No	35.2	50.8	41.3	7	No	63.6	117.0	82.6	8
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.08	0.05	6	No	ND	0.03	ND	7	No	ND	ND	ND	8
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.02	ND	6	No	ND	ND	ND	7	No	ND	0.02	ND	8
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	7	No	ND	51.5	ND	7	No	ND	179.9	72.4	8
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	9.0	22.3	16.7	6	No	11.5	21.4	14.2	7	No	23.4	33.2	26.8	8
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	17.4	76.7	46.7	6	No	13.0	17.8	14.2	7	No	ND	29.3	8.3	19
Chromium, total	Natural deposits	100	100	ug/L	No	0.6	2.4	1.0	6	No	ND	0.6	ND	7	No	ND	ND	ND	8
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	3.2	10.2	5.2	6	No	1.9	8.2	4.9	7	No	7.2	32.8	16.0	8
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	7	ND	6	No	ND	5	ND	7	No	ND	5	ND	8
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	ND	ND	6	No	ND	0.03	ND	7	No	ND	0.11	0.07	8
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	19
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	30.9	65.9	51.0	6	No	40.9	68.6	49.7	7	No	86.9	141.3	110.2	8
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	0.28	1.99	0.77	6	No	0.25	0.53	0.36	7	No	ND	0.14	ND	8
Iron	Naturally occurring	300	n/a	ug/L	No	ND	71	48	6	No	ND	67	ND	7	No	ND	ND	ND	8
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	1.64	2.62	2.29	6	No	2.63	5.24	3.46	7	No	6.91	14.18	10.50	8
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.37	0.73	0.62	6	No	0.48	2.05	0.83	7	No	ND	7.05	1.96	19
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	0.112	0.012	19
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	0.35	ND	6	No	ND	ND	ND	7	No	ND	1.37	0.77	11
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.9	7.4	7.3	7	No	7.0	7.7	7.3	8	No	6.7	8.7	7.2	18
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.0	8.5	7.5	67	No	7.0	7.9	7.3	112	No	7.0	8.0	7.4	98
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	0.29	ND	7	No	ND	ND	ND	8
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.59	0.80	0.68	6	No	0.67	1.37	0.82	7	No	1.25	1.75	1.46	8
Silicon	Naturally occurring	n/a	n/a	mg/L	No	3.8	5.6	4.8	6	No	5.8	8.7	6.6	7	No	8.0	8.6	8.3	8
Sodium	Naturally occurring	n/a	n/a	mg/L	No	12.3	49.0	29.5	6	No	8.5	11.4	9.5	7	No	30.4	55.7	38.2	8
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	199	347	290	6	No	131	223	158	7	No	327	565	429	8
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.038	0.064	0.054	6	No	0.036	0.065	0.046	7	No	0.080	0.153	0.118	8
Sulfate	Naturally occuring	250	n/a	mg/L	No	5.1	7.4	6.0	6	No	8.0	20.4	11.6	7	No	ND	61.9	9.1	19
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.7	ND	2	No	0.5	0.7	0.6	3	No	ND	0.5	ND	2
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	1.96	0.64	6	No	ND	0.66	ND	7	No	ND	ND	ND	8
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	2.3	ND	7	No	ND	ND	ND	8
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	0.02	ND	8
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	12
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	12
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	8
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	5	No	ND	ND	ND	7	No	ND	ND	ND	14
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	0.08	ND	9
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	5	No	ND	ND	ND	7	No	ND	ND	ND	14
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	12
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	ND	ND	12
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	7	No	ND	1.67	ND	29
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	11	No	ND	ND	ND	29

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 44					Distribution Area 53					Distribution Area 54				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Range of Readings Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Range of Readings Violation of Yes/No	Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	39.4	49.6	44.8	6	No	ND	54.2	38.9	14	No	22.0	52.4	33.5	25
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.02	ND	6	No	0.08	0.92	0.42	23	No	0.07	0.77	0.34	36
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	30
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	23	No	ND	ND	ND	36
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	23	No	ND	ND	ND	36
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	62	No	ND	0.13	ND	70
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	55.0	ND	6	No	ND	ND	ND	22	No	ND	ND	ND	38
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	14.9	31.3	17.9	6	No	ND	0.9	ND	62	No	ND	1.6	ND	70
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	16.0	23.1	19.0	6	No	4.4	6.6	5.0	14	No	3.5	5.9	4.8	24
Chromium, total	Natural deposits	100	100	ug/L	No	ND	0.5	ND	6	No	ND	1.0	ND	23	No	ND	1.0	ND	36
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	1.6	7.2	3.8	6	No	1.7	13.2	6.6	14	No	1.2	14.0	5.3	25
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	23	No	ND	ND	ND	36
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	5	ND	6	Yes	ND	15	8	14	Yes	ND	15	8	25
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	ND	ND	6	No	ND	0.06	ND	23	No	ND	ND	ND	36
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	0.2	ND	24
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	51.7	108.7	61.9	6	No	ND	3.9	ND	62	No	ND	5.1	ND	70
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	0.25	1.11	0.48	6	No	ND	0.48	0.13	14	No	ND	0.56	ND	24
Iron	Naturally occurring	300	n/a	ug/L	No	ND	239	55	6	Yes	120	800	321	62	Yes	92	733	265	70
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.1	ND	6	No	4.2	9.7	6.5	23	No	2.6	6.4	4.1	36
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	3.38	7.45	4.17	6	No	ND	0.39	ND	62	No	ND	0.78	ND	70
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	38	11	6	No	ND	12	ND	62	No	ND	ND	ND	70
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	23	No	ND	ND	ND	36
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	0.8	ND	23	No	ND	3.6	ND	36
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.78	1.14	0.91	6	No	ND	0.01	ND	14	No	ND	0.02	ND	24
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.1	7.8	7.4	6	No	6.6	7.5	7.1	16	No	6.6	7.8	7.2	25
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.0	8.0	7.4	62	No	6.3	8.0	7.2	88	No	7.0	8.9	7.4	157
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	0.75	0.21	6	No	ND	3.81	1.14	62	No	ND	1.77	0.37	70
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.79	1.04	0.85	6	No	1.63	4.22	2.81	62	No	0.97	3.61	1.75	70
Silicon	Naturally occurring	n/a	n/a	mg/L	No	6.7	10.0	7.3	6	No	4.0	5.7	5.0	23	No	4.5	6.0	5.0	36
Sodium	Naturally occurring	n/a	n/a	mg/L	No	10.5	13.4	11.9	6	No	9.1	26.5	19.8	62	No	12.3	26.1	17.8	70
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	167	315	202	6	No	60	122	100	14	No	57	108	85	25
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.044	0.118	0.058	6	No	ND	ND	ND	23	No	ND	ND	ND	36
Sulfate	Naturally occuring	250	n/a	mg/L	No	10.1	62.7	19.4	6	No	4.1	5.0	4.6	14	No	3.6	5.9	4.2	24
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	38.7	15.3	62	No	ND	30.2	12.2	70
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	0.6	0.6	0.6	2	No	0.7	1.1	0.9	2	No	0.7	0.9	0.8	4
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	0.79	ND	6	No	0.58	3.44	1.82	14	No	ND	2.56	1.08	25
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	23	No	ND	ND	ND	36
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.1	ND	6	No	ND	1.0	ND	23	No	ND	1.4	ND	36
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	ND	ND	6	No	ND	0.14	0.03	23	No	ND	0.02	ND	36
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	13	No	ND	ND	ND	18
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	13	No	ND	ND	ND	18
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	0.59	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	14	No	ND	ND	ND	24
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	1.38	0.14	24	No	ND	ND	ND	28
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	24	No	ND	ND	ND	28

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area 57					Distribution Area 64					Distribution Area 67				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Range of Readings: Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Range of Readings: Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Range of Readings: Violation of Yes/No	Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	37.4	67.2	53.5	6	No	59.6	79.4	71.2	7	No	53.8	55.8	54.5	3
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.03	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	10	No	ND	ND	ND	3
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.04	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	39	No	ND	ND	ND	4
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	59.5	ND	8	No	ND	264.8	90.6	12	No	ND	ND	ND	3
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	11.5	22.9	18.0	6	No	8.3	17.8	10.7	39	No	1.4	2.0	1.7	4
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	24.7	38.2	31.4	6	No	22.1	86.7	41.2	8	No	9.3	16.4	12.2	3
Chromium, total	Natural deposits	100	100	ug/L	No	ND	0.7	0.5	6	No	ND	0.8	0.6	8	No	ND	0.6	ND	4
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.9	15.4	5.2	6	No	3.8	19.2	10.1	7	No	7.5	8.3	8.0	3
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	5	ND	6	No	ND	7	ND	7	No	ND	ND	ND	3
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	0.13	0.07	4
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Hardness, total	Measure of the calcium and magnesium	100	n/a	mg/L	No	46.1	76.5	64.1	6	No	40.6	69.2	49.4	39	No	5.7	7.8	7.2	4
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	0.23	0.42	0.33	6	No	0.26	0.52	0.33	8	No	0.14	0.26	0.20	3
Iron	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	6	Yes	ND	412	97	39	No	ND	78	56	4
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.2	1.4	6	No	ND	ND	ND	8	No	5.7	8.0	6.4	4
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	4.24	5.18	4.63	6	No	3.73	9.07	5.52	39	No	0.57	1.05	0.73	4
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	39	No	ND	ND	ND	4
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	0.6	ND	8	No	ND	ND	ND	4
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.67	2.75	1.40	6	No	0.44	1.61	1.10	8	No	ND	ND	ND	3
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.9	8.1	7.5	6	No	6.9	7.6	7.2	10	No	7.1	7.2	7.2	4
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.1	8.1	7.6	61	No	7.0	8.0	7.4	34	No	7.0	7.2	7.1	7
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	2.28	1.44	39	No	ND	ND	ND	4
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.91	1.60	1.20	6	No	0.91	1.72	1.17	39	No	4.84	6.62	5.43	4
Silicon	Naturally occurring	n/a	n/a	mg/L	No	7.0	9.8	8.8	6	No	8.7	10.1	9.6	8	No	3.6	3.8	3.7	4
Sodium	Naturally occurring	n/a	n/a	mg/L	No	15.6	22.5	19.4	6	No	23.2	67.8	42.1	39	No	28.0	33.0	29.6	4
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	181	287	240	6	No	239	452	312	7	No	157	183	169	3
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.046	0.075	0.064	6	No	0.059	0.082	0.067	8	No	ND	ND	ND	4
Sulfate	Naturally occuring	250	n/a	mg/L	No	9.1	13.4	10.2	6	No	9.4	11.5	10.4	8	No	10.6	10.8	10.7	3
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	39	No	ND	ND	ND	4
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	0.7	0.7	0.7	2	No	0.6	1.6	1.1	2	No	ND	ND	ND	1
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	0.46	ND	6	No	ND	1.43	0.59	7	No	ND	ND	ND	3
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	4
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	ND	ND	6	No	ND	0.14	ND	12	No	ND	ND	ND	3
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	8	No	ND	ND	ND	3
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	20	No	ND	ND	ND	3

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area EFWD					Distribution Area RSWD					Distribution Area SBWD				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation of Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. Tests
Inorganics																			
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	26.4	41.4	35.1	4	No	31.6	36.0	33.8	2	No	24.0	51.0	35.4	4
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	0.02	0.05	0.03	4	No	ND	ND	ND	2	No	ND	0.07	0.03	4
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	12	No	ND	ND	ND	10	No	ND	52.0	ND	12
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	9.3	15.9	12.5	4	No	9.7	10.0	9.9	2	No	8.1	23.0	13.2	4
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	6.0	11.0	8.4	4	No	11.3	16.6	13.9	2	No	6.5	11.1	8.2	4
Chromium, total	Natural deposits	100	100	ug/L	No	ND	ND	ND	4	No	0.5	0.6	0.5	2	No	ND	2.0	1.0	4
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	1.8	3.7	2.5	4	No	3.8	5.2	4.5	2	No	4.9	9.8	6.6	4
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	5	5	5	4	No	5	5	5	2	No	ND	ND	ND	4
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	25.2	44.1	34.2	4	No	34.1	36.6	35.4	2	No	25.5	69.6	40.5	4
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	ND	0.49	0.29	4	No	0.43	0.79	0.61	2	No	0.20	0.80	0.53	4
Iron	Naturally occurring	300	n/a	ug/L	No	48	86	64	4	No	ND	ND	ND	2	No	ND	111	59	4
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	1.5	ND	4	No	ND	1.1	ND	2	No	ND	ND	ND	4
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	0.49	1.09	0.75	4	No	2.37	2.81	2.59	2	No	1.14	2.97	1.85	4
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	2.1	1.3	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.05	0.42	0.18	4	No	0.03	0.07	0.05	2	No	0.67	2.72	1.63	4
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	0.27	ND	4	No	ND	ND	ND	2	No	ND	0.34	ND	4
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.2	8.7	7.7	8	No	7.1	7.2	7.2	2	No	6.9	7.2	7.0	4
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.0	8.2	7.4	152	No	7.0	7.9	7.3	50	No	7.0	7.7	7.2	100
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.32	0.52	0.42	4	No	0.57	0.61	0.59	2	No	0.44	0.73	0.55	4
Silicon	Naturally occurring	n/a	n/a	mg/L	No	3.3	3.7	3.4	4	No	6.3	7.5	6.9	2	No	5.4	6.4	5.8	4
Sodium	Naturally occurring	n/a	n/a	mg/L	No	3.7	6.5	4.9	4	No	7.0	10.3	8.6	2	No	5.2	9.3	6.9	4
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	73	129	100	4	No	118	133	125	2	No	84	186	120	4
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.019	0.034	0.027	4	No	0.033	0.035	0.034	2	No	0.014	0.038	0.023	4
Sulfate	Naturally occuring	250	n/a	mg/L	No	ND	8.3	3.9	4	No	7.0	7.0	7.0	2	No	ND	2.7	ND	4
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.6	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	0.43	ND	4	No	ND	ND	ND	2	No	ND	0.79	0.40	4
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Synthetic Organic Compounds including Pesticides and Herbicides																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	0.14	ND	4	No	ND	ND	ND	2	No	ND	0.21	0.14	4
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	0.26	ND	12
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	10	No	ND	ND	ND	12

WATER QUALITY DATA BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants					Distribution Area WNWD				
						Range of Readings			
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Inorganics									
Alkalinity to pH 4.5 mgCaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	70.2	152.0	119.1	10
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.04	ND	12
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	0.09	ND	12
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	12
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.06	0.03	12
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	38
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	14
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	5.9	16.7	10.3	38
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	11.9	62.6	23.1	23
Chromium, total	Natural deposits	100	100	ug/L	No	ND	2.1	0.9	12
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.7	61.9	16.1	10
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	12
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	12	ND	10
Copper	Household plumbing, leaching of wood preservatives	AL=1.3	1.3	mg/L	No	ND	0.04	ND	12
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	23
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	25.7	54.0	38.6	38
Hexavalent Chromium	Erosion of natural deposits	100	n/a	ug/L	No	ND	1.94	0.78	10
Iron	Naturally occurring	300	n/a	ug/L	No	ND	220	ND	38
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	12
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	1.96	4.79	3.14	38
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	128	30	38
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	12
Nickel	Alloys, coatings manufacturing, batteries	n/a	n/a	ug/L	No	ND	ND	ND	12
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	2.87	5.99	4.62	23
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	23
Perchlorate	Fertilizers, solid fuel propellant, fireworks	18	n/a	ug/L	No	ND	0.40	ND	10
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.6	8.6	7.4	13
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.0	8.0	7.4	39
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	1.16	0.62	38
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.83	4.03	2.31	38
Silicon	Naturally occurring	n/a	n/a	mg/L	No	5.7	8.9	6.7	12
Sodium	Naturally occurring	n/a	n/a	mg/L	No	32.3	83.3	60.7	38
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	208	514	365	10
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.048	0.133	0.078	12
Sulfate	Naturally occuring	250	n/a	mg/L	No	9.2	17.5	11.8	23
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	38
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	0.9	1.1	1.0	2
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	0.73	ND	10
Uranium	Naturally occurring	30	n/a	ug/L	No	ND	ND	ND	12
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	12
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.03	ND	12
Synthetic Organic Compounds including Pesticides and Herbicides									
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	10
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	10
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	10
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	10
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	0.27	ND	10
1,4-Dioxane	Used in manufacturing processes	1	n/a	ug/L	No	ND	ND	ND	10
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	10
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	10
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	10
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	10
Volatile Organic Compounds									
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	27
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	27
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	27
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	27
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	27
1,2-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	27
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	27
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	27
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	27
Isopropylbenzene	Used as a solvent	5	n/a	ug/L	No	ND	ND	ND	27
Methylethylketone	Used in the coating industry	50	n/a	ug/L	No	ND	ND	ND	27
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	0.92	ND	27
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	27
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	27
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	27
Toluene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	27
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	27
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	27
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	27
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	27
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	27
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	27

WELL MONITORING FOR TOTAL COLIFORM

All SCWA wells prior to chlorination (source water monitoring) and the chlorinated water leaving the pump stations are tested quarterly for total coliform bacteria as required. Filtered wells are tested monthly. As part of the GWR, EPA also requires reporting E. coli when found in source water (SW) monitoring. In 2024, all source water monitoring samples were E. coli-negative (no E. coli was found), except as noted in the chart below. Additional samples from these wells were total coliform-negative (no coliforms, including E. coli were found), and no sanitary deficiencies were found. In 2024, all entry points to distribution (EPTD) samples were total coliform-negative (no coliforms, including E. coli were found), except as noted in the chart below. Additional samples from these wells were total coliform-negative (no coliforms, including E. coli were found), and no sanitary deficiencies were found.

2024 Microbiological Test Results for Wells and Heterotrophic Plate Count (HPC)

Well Location	Collection Point at Pump Station	Test Results
Distribution Area 09*	SW (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 11*	SW (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 12*	SW (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 15*	SW (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 30*	SW (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 35*	SW (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 01*	EPTD (after chlorination)	Total coliform-positive, E. coli-negative
Distribution Area WNWD*	EPTD (after chlorination)	Total coliform-positive, E. coli-negative
Distribution Area 12*	EPTD (prior to chlorination)	Total coliform-positive, E. coli-negative
Distribution Area 15*	EPTD (prior to chlorination)	Total coliform-positive, E. coli-negative
Distribution Area WNWD*	EPTD (prior to chlorination)	Total coliform-positive, E. coli-negative

*Please see map on pages 2 and 3 for the distribution area location.

SCWA's lab also tests every filtration system and water storage tank for total coliform and performs Heterotrophic Plate Count (HPC) measurements. Since most bacteria, including many of the bacteria associated with drinking water systems are heterotrophs, this test can provide useful information about water quality. In 2024, the HPC results for our storage tanks were negative (no heterotrophs were found). The HPC results for our filter systems can be found in the 2024 Drinking Water Quality Report Supplement. Please see page 41 for more information on this report.

MICROBIOLOGICAL TESTING AND MONITORING REQUIREMENTS

To reduce the risk of illness caused by microbial contamination the SCWA tests for total coliform bacteria, including E. coli. Total coliform bacteria are a conservative indicator of the potential for contamination from waste and provides a basis for investigation to determine and correct sanitary deficiencies. E. coli is a coliform bacteria that indicates fecal contamination and an immediate concern requiring prompt investigation. The Total Coliform Rule (TCR) and Ground Water Rule (GWR) are EPA regulations that require us to test our distribution system for total coliform bacteria. When there is a total coliform-positive result found in a distribution system sample, we are then required to test our wells in the surrounding area. This is called Triggered Source Water Monitoring. In 2024, all Triggered Source Water monitoring samples were total coliform-negative (no coliforms, including E. coli were found).

Revised Total Coliform Rule (RTCR) and Groundwater Rule (GWR) Monitoring

On April 1, 2016, the EPA revised its existing Total Coliform Rule. The revised rule (RTCR) establishes a maximum contaminant level (MCL) for E. coli and uses E. coli and total coliforms to initiate a "find and fix" approach to address fecal contamination that could enter the distribution system. It requires public water systems (PWSs) to perform assessments to identify sanitary defects and subsequently take action to correct them. In 2024, we collected an average of 905 total coliform samples each month, including samples from Brentwood, Dering Harbor, East Farmingdale, Fair Harbor, Riverside, Stony Brook, Oak Beach and West Neck Water Districts. The number of samples required is based on the population in each distribution area.

Large distribution areas (greater than 40 total coliform samples collected monthly), shown in Table I below, must report the highest percentage of positive samples collected in any one month. Small distribution areas (40 or less total coliform samples collected monthly), shown in Table II below, must report the highest number of positive samples.

Revised Total Coliform Rule Level 1 & Level 2 Assessment Definitions

In 2024 we found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct an assessment (s) to identify problems and to correct any problems that were found during these assessments.

• Level 1 Assessment: A Level 1 assessment is an evaluation of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system.

• Level 2 Assessment: A Level 2 assessment is an evaluation of the water system to identify potential problems and determine, if possible, why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

2024 Microbiological Test Results for Distribution

TABLE I – Microbiological Test Results
for Large Water Distribution Areas

Compound	Violation	MCL	MCLG	Unit Measure	Likely Source
Total Coliform Bacteria	Yes/No	Presence of Coliform in 5% of Monthly Samples	0	n/a	Naturally Present in the Environment
Distribution Area		**Highest Monthly Percentage Positive**	**Lowest Monthly Percentage Positive**	**Average Monthly Percentage Positive**	**No. of Tests for the Year**
10	No	2.1%	0%	0.2%	535

Distribution Areas 1, 12, 15, 20, 23
had no detections of total coliform in 2024.

TABLE II – Microbiological Test Results
for Small Water Distribution Areas

Compound	Violation	MCL	MCLG	Unit Measure	Likely Source
Total Coliform Bacteria	Yes/No	Two or More Positive Samples	0	n/a	Naturally Present in the Environment
Distribution Area		**Highest Monthly Amount Positive**	**Lowest Monthly Amount Positive**	**Average Monthly Amount Positive**	**No. of Tests for the Year**
11	N/A	1	0	0.1	339

Distribution Areas 4, 5, 6, 7, 8, 9, 14, 26, 30, 32, 34, 35, 44, 53, 54, 57, 64,
Stony Brook, Riverside, East Farmingdale, Oak Beach and West Neck Water Districts
had no detections of total coliform in 2024.

DISINFECTION BYPRODUCTS RULE MONITORING

The SCWA is required to use a disinfectant to reduce the potential of microbial contamination. Chlorine is used to prevent bacterial growth in our distribution system. Disinfectants, such as chlorine, can react with the naturally occurring components in water to form byproducts referred to as disinfection byproducts (DBPs). DBPs, if consumed in excess of the MCL over many years, may lead to increased health risks. To increase public health protection by reducing the potential risk of adverse health effects associated with DBPs from the required chlorination of our drinking water, the SCWA tests for two types of DBPs - Trihalomethanes (THMs) and Haloacetic Acids (HAAs). The MCL is 80 ppb for the sum of the four THMs, and for the sum of five HAAs the MCL is 60 ppb.

The Stage 2 Disinfectant and Disinfection Byproducts Rule (DBPR) is an EPA regulation that requires us to monitor our distribution system quarterly for four THMs (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) and five HAAs (monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid). The chart below includes the range of quarterly results for the sum of the two groups of DBPs and the highest Locational Running Annual Average as required. The SCWA also monitors the wells and storage tanks for various other DBPs, including chlorate and four additional HAAs. The 2024 disinfectant and disinfection byproducts results for each distribution area are noted on pages 16-19.

2024 Stage 2 DBPR Test Results

Detected Compound		Total Trihalomethanes				Total Haloacetic Acids			
Likely Source		Byproduct of chlorination				Byproduct of chlorination			
MCL		80				60			
MCLG		N/A				N/A			
Unit of Measure		ug/L				ug/L			
		Range of Readings				Range of Readings			
Location	Sample Site	Low Value	High Value	Annual Average	No. of Tests	Low Value	High Value	Annual Average	No. of Tests
SCWA - Zone 1	1	3.19	11.26	6.11	4	0.43	3.81	1.33	4
SCWA - Zone 6	2	3.26	15.99	9.35	4	ND	2.47	1.36	4
SCWA - Zone 10	3	ND	1.10	0.74	4	ND	ND	ND	4
SCWA - Zone 12	4	11.51	23.72	18.36	4	0.56	4.16	2.82	4
SCWA - Zone 1	5	8.79	29.65	17.09	4	1.12	2.91	2.13	4
SCWA - Zone 26	6	4.08	16.00	9.53	4	0.59	1.20	0.79	4
SCWA - Zone 30	7	1.44	7.23	3.53	4	0.55	0.62	0.58	4
SCWA - Zone 54	8	1.16	6.88	3.03	4	0.55	2.59	1.21	4
SCWA - Zone 64	9	4.85	8.17	6.55	4	0.48	0.73	0.60	4
FHWD	1	1.99	8.50	4.46	4	1.16	9.95	4.51	4
FHWD	2	1.16	9.05	4.41	4	0.98	9.77	4.63	4
EFWD	1	1.97	2.37	2.08	4	ND	ND	ND	4
EFWD	2	2.71	4.09	3.43	4	ND	0.50	ND	4
SBWD	1	ND	0.43	0.31	4	ND	ND	ND	4
SBWD	2	0.31	0.76	0.46	4	ND	ND	ND	4
RSWD	1	0.53	1.96	1.28	4	ND	ND	ND	4
RSWD	2	0.92	3.28	2.48	4	ND	ND	ND	4
WNWD	1	1.31	4.99	3.11	1	ND	1.16	0.68	4

IRON, MANGANESE, RADIOLOGICAL INFORMATION

Iron and Manganese

Iron is a common metal and a dietary mineral that is essential for maintaining human health. It is used in construction materials, in drinking water pipes, in paint pigments and plastics, and as a treatment for iron deficiency in humans. Iron can be elevated in drinking water in areas where there are high concentrations of iron in soil and rocks, and where iron salts are used in the water treatment process. Iron can also get into drinking water from corrosion of cast iron, steel, and galvanized iron pipes used for water distribution. Elevated levels of iron in water can result in a rusty color and sediment, a metallic taste, and reddish or orange staining.

Although iron is essential for good health, too much iron can cause adverse health effects. For example, oral exposure to very large amounts of iron can cause effects on the stomach and intestines (nausea, vomiting, diarrhea, constipation and stomach pain). These effects occur at iron exposure levels higher than those typically found in drinking water, and usually diminish once the elevated iron exposure is stopped. A small percentage of people have a condition called hemochromatosis, in which the body absorbs and stores too much iron. People with hemochromatosis may be at greater risk for health effects resulting from too much iron in the body (sometimes called “iron overload”) and should be aware of their overall iron intake. The New York State standard for iron in drinking water is 0.3 milligrams per liter, and is based on the effects of iron on the taste, odor and appearance of the water.

Manganese is a common element in rocks, soil, water, plants, and animals. Manganese occurs naturally in water after dissolving from rocks and soil. It may also occur if manganese gets into surface or groundwater after improper waste disposal in landfills or by facilities using manganese in the production of steel or other products. Manganese is an essential nutrient that is necessary to maintain good health. However, exposure to too much manganese can cause adverse health effects. There is some evidence from human studies that long-term exposure to manganese in drinking water is associated with nervous system effects in adults (e.g., weakness, stiff muscles and trembling of the hands) and children (learning and behavior). The results of these studies only suggest an effect because the possible influences of other factors were not adequately assessed. There is supporting evidence that manganese causes nervous system effects in humans from occupational studies of workers exposed to high levels of manganese in air, but the relevance of these studies to long term drinking water exposure is less clear because the exposures were quite elevated and by inhalation, not by ingestion.

Radionuclides and Radiological Monitoring

Gross Alpha and Gross Beta

Most drinking water sources have very low levels of naturally occurring radioactive elements called radionuclides. These levels are low enough not to be considered a public health concern. Radionuclides can be present in several forms called isotopes which emit different types of radioactive particles called alpha or beta. Radioactivity in water is measured in picoCuries per liter (pCi/L). The EPA has set the maximum contaminant level (MCL), the highest level allowed in drinking water, for gross alpha (all alpha emitters except uranium and radon) at 15 pCi/L. NYS considers 50 pCi/L of gross beta activity to be the level of concern for gross beta. The gross alpha and gross beta results for each distribution area are noted on page 34.

Tritium

Some radionuclides emit gamma (also called photon) radiation. Common byproducts from nuclear reactors and waste, such as cesium-137, emit gamma radiation (also called photon emitters). Due to differences in energy levels, the MCL in pCi/L for a particular photon emitter will depend on the type of radionuclide present. Tritium, a radioactive isotope of the element hydrogen, is a weak beta emitter. It occurs naturally in the environment in very low concentrations, and may also be produced during nuclear weapon explosions and as a byproduct from nuclear reactors. The EPA has set a 20,000 pCi/L MCL for tritium. In 2024 we monitored 30 wells near Brookhaven National Laboratory for gross alpha and beta particles, tritium, and gamma radiation. These wells are located in distribution areas 1 and 12. The gross alpha and gross beta results for these areas are listed in the chart on page 34. There were no detections of tritium or gamma radiation in the 54 samples tested.

Radium-226 and Radium-228

Radium, a naturally radioactive metal, occurs at very low levels in virtually all rock, soil, water, plants, and animals. Radium-226 and radium-228 are isotopes of radium. The EPA has set a combined MCL of 5 pCi/L for radium-226 and radium-228. If radium-226 is not tested, the gross alpha measurement is substituted for radium-226 to determine compliance with the MCL. Some people who drink water containing radium-226 or radium-228 in excess of the MCL over many years may have an increased risk of cancer.

From October 2007 through 2009, we monitored a well in each aquifer at all our well fields for gross alpha, gross beta and radium-228 as required, and presented the results for each year in our Drinking Water Quality Reports. Since that time, quarterly monitoring at new well fields or at new wells placed at a well field where the aquifer had not been monitored previously and continuing monitoring on existing wells as required has been performed. The results for each distribution area are noted in the chart on page 34.

RADIOLOGICAL TEST RESULTS (ALL DISTRIBUTION AREAS)

Radon, a naturally occurring radioactive gas found in soil and outdoor air, may also be found in drinking water and indoor air. Some people exposed to elevated radon levels from sources including drinking water may, over many years, have an increased risk of developing cancer. The main risk from radon is lung cancer entering indoor air from soil under homes. For further information, call the state radon program at (800) 458-1158 or call the EPA's Radon Hotline at (800) SOS-Radon.

In 2024 we monitored for radon at 120 locations throughout our distribution system. The results for each distribution area are noted in the chart below. The test results ranged from ND to 266 pCi/L of radon. Currently there is no MCL for radon. The EPA is proposing to require water suppliers to provide water with levels no higher than 4,000 pCi/L of radon.

Detected Compound	GROSS ALPHA				GROSS BETA				RADON-222				RADIUM-226				RADIUM-228			
Likely Source	Erosion of Natural Deposits				Natural deposits, man-made emissions				Naturally occurring radioactive gas				Erosion of Natural Deposits				Erosion of Natural Deposits			
MCL	15				50				N/A				5				5			
MCLG	0				0				0				0				0			
Unit of Measure	pCi/L				pCi/L				pCi/L				pCi/L				pCi/L			
	Range of Readings				Range of Readings				Range of Readings				Range of Readings				Range of Readings			
Distribution Area	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests
1	ND	ND	ND	79	ND	5.95	ND	79	ND	165	ND	29	ND	ND	ND	22	ND	2.01	ND	22
4	ND	ND	ND	1	2.64	2.64	2.64	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
5	ND	ND	ND	2	2.39	2.69	2.33	2	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1
6	ND	ND	ND	7	ND	3.34	2.12	7	ND	166	ND	3	ND	ND	ND	4	ND	1.73	1.05	4
7	ND	ND	ND	2	ND	3.67	2.34	2	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1
8	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
9	ND	ND	ND	3	ND	ND	ND	3	ND	ND	ND	3	NA	NA	NA	0	NA	NA	NA	0
10	ND	ND	ND	4	ND	3.68	2.42	4	ND	ND	ND	3	ND	ND	ND	1	1.09	1.09	1.09	1
11	ND	1.81	ND	11	ND	4.14	2.65	11	ND	ND	ND	2	ND	1.29	ND	9	ND	2.30	1.06	9
12	ND	2.12	ND	61	ND	3.78	ND	61	ND	165	ND	24	ND	ND	ND	15	ND	1.07	ND	15
14	ND	2.10	ND	3	ND	2.45	ND	3	ND	ND	ND	3	NA	NA	NA	0	NA	NA	NA	0
15	ND	ND	ND	22	ND	3.49	ND	22	ND	197	107	12	ND	ND	ND	10	ND	ND	ND	10
23	ND	ND	ND	20	ND	3.93	ND	20	ND	163	ND	11	ND	ND	ND	9	ND	ND	ND	9
26	ND	2.37	ND	8	ND	3.38	ND	8	ND	266	122	3	ND	ND	ND	5	ND	ND	ND	5
30	ND	ND	ND	14	ND	4.53	2.31	14	ND	ND	ND	7	ND	ND	ND	7	ND	ND	ND	7
32	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
34	ND	ND	ND	2	ND	ND	ND	2	ND	172	111	2	NA	NA	NA	0	NA	NA	NA	0
35	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
44	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
53	ND	ND	ND	1	2.44	2.44	2.44	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
54	ND	ND	ND	5	ND	2.59	ND	5	ND	ND	ND	2	ND	ND	ND	3	ND	ND	ND	3
57	ND	ND	ND	1	2.40	2.40	2.40	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
64	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
67	ND	ND	ND	1	4.00	4.00	4.00	1	NA	NA	NA	0	ND	ND	ND	1	ND	ND	ND	1
EFWD	ND	ND	ND	2	ND	3.36	2.18	2	ND	ND	ND	2	NA	NA	NA	0	NA	NA	NA	0
RSWD	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
SBWD	ND	2.18	ND	2	ND	2.26	ND	2	ND	ND	ND	2	NA	NA	NA	0	NA	NA	NA	0
WNWD	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0

Asbestos Monitoring

Asbestos-cement water mains are made from cement with asbestos fibers added to make the pipes strong. Although drinking water can pass through these pipes without becoming contaminated with asbestos fibers, asbestos fibers may be released through the wear or breakdown of these mains; erosion of natural deposits. The EPA has set the maximum contaminant level (MCL) for asbestos at 7.0 million fibers per liter (MFL). Some people who drink water containing asbestos in excess of the MCL over many years may have an increased risk of developing benign intestinal polyps. Although testing is required every nine years, the SCWA tests every year.

In 2024 we monitored 18 sampling station locations where asbestos-cement pipes exist and 5 production wells. All locations were non-detect (no asbestos fibers were present).

WATER QUALITY DATA

2024 Methane Test Results for Distribution Area 23*

One well in Distribution Area 23 had concentrations of methane. The methane results ranged from non-detect (ND) or no methane found, to 6.1 ppb. Currently granular activated carbon (GAC) treatment is being used at this well for methane removal. Methane is primarily produced through the decomposition of organic matter in natural sources like wetlands, with landfills being a significant contributor. Methane is the primary component of natural gas and is commonly used as a fuel source. At these levels, methane poses a minimal risk for health effects. The state defines methane as an unregulated organic contaminant and assigns an MCL of 50 ppb. A summary of the 2024 test results for Distribution Area 23 is shown in the chart below.

Detected Compounds	Unit of Measure	Low Value	High Value	Average Value	No. of Tests
Methane	ppb	ND	6.1	ND	10

2024 Nitrosamine Test Results for Distribution Area 12*

One well in Distribution Area 12 had nitrosamines. Currently granular activated carbon (GAC) treatment is being used at these wells for nitrosamine removal. Nitrosamines can be formed by a byproduct of the disinfection of drinking water or found as a contaminant in drinking water from manufacturing processes such as for rubber and latex products. Additionally, nitrosamines are found in tobacco smoke, cosmetics and food products such as cured meats and fish, beer and smoked products, and they also form in the body from the nitrosation of dietary amines. The EPA has classified several nitrosamines as probable carcinogens, but has not set an MCL. The nitrosamines were measured at extremely low levels, in parts per trillion or ppt. A summary of the 2024 test results for Distribution Area 12 is shown in the chart below.

Detected Compounds	Unit of Measure	Low Value	High Value	Average Value	No. of Tests
N-Nitrosomorpholine	ppt	ND	2.5	ND	16

2024 Anionic Surfactants Test Results for Distribution Area 12*

One well in Distribution Area 12 had surfactants. Surfactants are commonly used in detergents and cleaning products. Their presence in drinking water can result from wastewater discharge or stormwater runoff. While there is no MCL set for surfactants, the NYS Department of Health has established a guidance level of 0.5 ppm based on aesthetic concerns, such as foaming. A summary of the 2024 test results for Distribution Area 12 is shown in the chart below.

Detected Compounds	Unit of Measure	Low Value	High Value	Average Value	No. of Tests
Surfactants, anionic	ppm	ND	0.09	ND	123

2024 AOP Byproduct Test Results for Distribution Areas 5, 6, 7, 9 and 12

At wells located in Distribution Areas 5, 6, 7, 9 and 12 the Suffolk County Water Authority utilizes an AOP (Advanced Oxidation Process) to treat for an emerging contaminant, 1,4-Dioxane. The New York State Department of Health required the SCWA to perform additional testing for specific Aldehydes and Carboxylic Acids. These compounds are potential by-products of the treatment process and are indicators of the effectiveness of the AOP system. There were no positives detected in 2024.

NITRATE & SPECIAL INFORMATION FOR IMMUNO-COMPROMISED INDIVIDUALS

Nitrate naturally occurs in a number of foods, particularly vegetables. It is also used as preservatives in meats such as bacon. Nitrate is also used to make lawn, garden and agricultural fertilizers and is found in sewage and wastes from farm animals. It generally gets into drinking water by runoff into surface water or by leaching into groundwater after application or after improper sewage or animal waste disposal. Infants are particularly sensitive to nitrate. High levels of nitrate in drinking water have caused serious illness and sometimes death in infants under 6 months of age. The serious illness occurs because nitrate is converted to nitrite in the body and nitrite reduces the ability of the infant's blood to carry oxygen. Symptoms of the illness can develop rapidly and include shortness of breath and blueness of the skin (blue baby condition). Exposure to nitrate in drinking water at levels above 10 milligrams per liter (10 mg/L) increases the risk of developing the illness. Because the effects of nitrate and nitrite are additive, water containing more than 10 mg/L of total nitrate/nitrite should not be used to prepare infant formula or other beverages for infants. To ensure the quality of our drinking water, we monitor more frequently than required. The 2024 nitrate results for each distribution area are noted on pages 20-29.

SPECIAL INFORMATION FOR IMMUNO-COMPROMISED INDIVIDUALS

Some people may be more vulnerable to disease causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbiological contaminants are available from the EPA's Safe Drinking Water Hotline at (800) 426-4791. Individuals who think they may have cryptosporidiosis or giardiasis should contact their health care providers immediately. New York State law requires water suppliers to notify their customers about the risks of cryptosporidiosis and giardiasis. Cryptosporidiosis and giardiasis are intestinal illnesses caused by microscopic parasites found in surface water and groundwater under the influence of surface water. There have been no known outbreaks of cryptosporidiosis or giardiasis linked to any public water supplies in Suffolk County. For more information on cryptosporidiosis and giardiasis, please contact the Suffolk County Department of Health Services at (631) 852-5810.

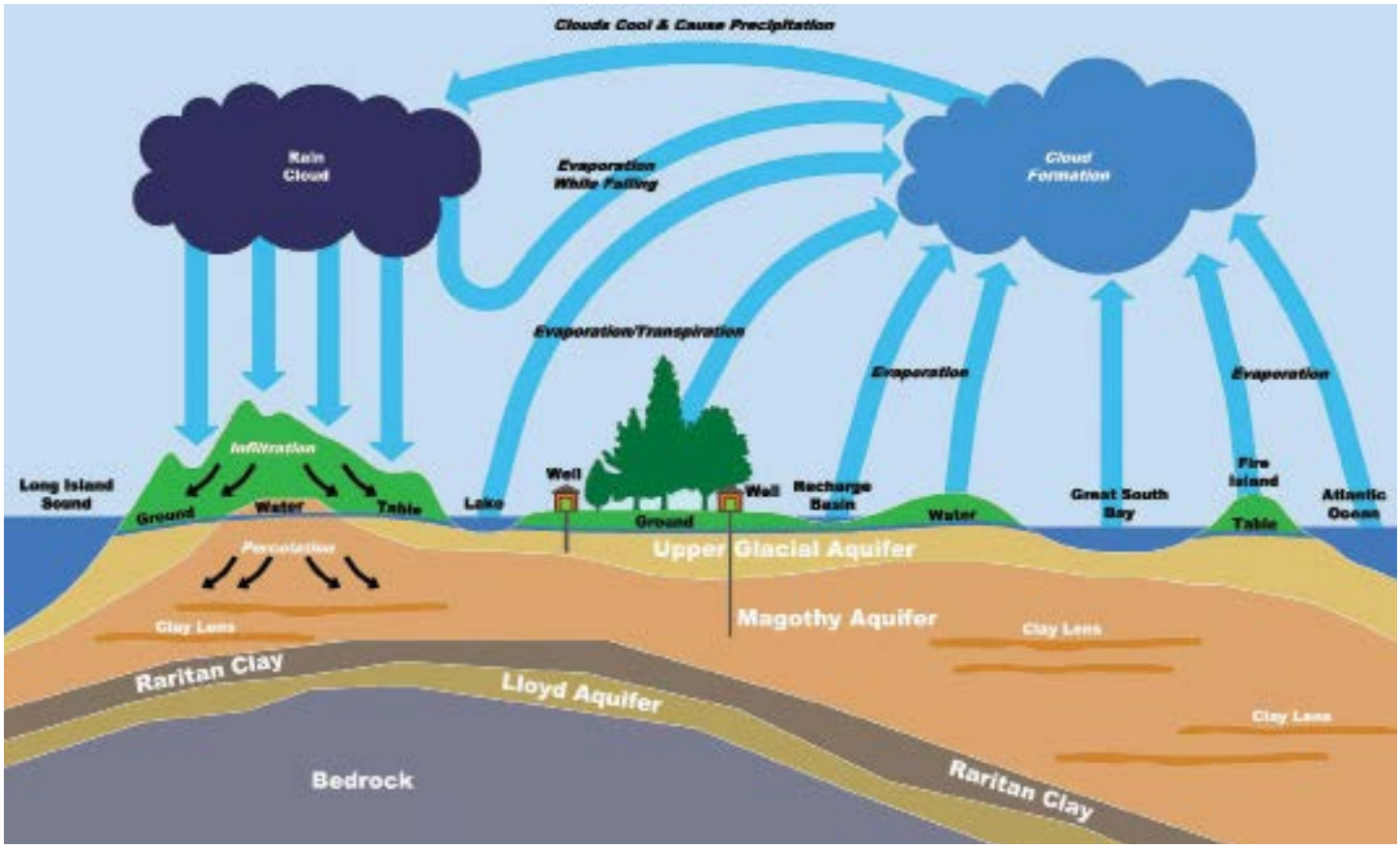
GO GREEN: SIGN UP FOR E-BILLING TODAY!

Even when you're paying bills, you can be helping the environment. The Suffolk County Water Authority now offers e-Billing, a quick, easy and environmentally-friendly way to pay your water bill.

With e-Billing, you can manage various aspects of your water account without leaving a paper trail. You can receive your bill electronically; set up automated payments from your checking or savings account; make a one-time payment; and view your current and past bills online.

For more information or to sign up, go to www.scwa.com

THE WATER CYCLE ON LONG ISLAND



In general, the sources of drinking water (both tap water and bottled water) can include rivers, lakes, streams, ponds, reservoirs, springs, and aquifers. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activities. Contaminants that may be present in source water include: microbial contaminants, inorganic contaminants, pesticides and herbicides, organic chemical contaminants, and radioactive contaminants.

All of the water we supply to you comes from beneath the ground and is referred to as groundwater. The water is stored beneath the ground in a sandy, geological formation known as the aquifer system. Water in the aquifer system originates as precipitation (such as rain and snow), which slowly percolates down through the soil and into the aquifers.

The total depth of the Long Island aquifer system is shallowest on the north shore (approximately 600 feet) and deepest along the south shore (approximately 2,000 feet).

There are four primary formations which are layered, and make up the Long Island Aquifer System. From the shallowest to the deepest, these formations are:

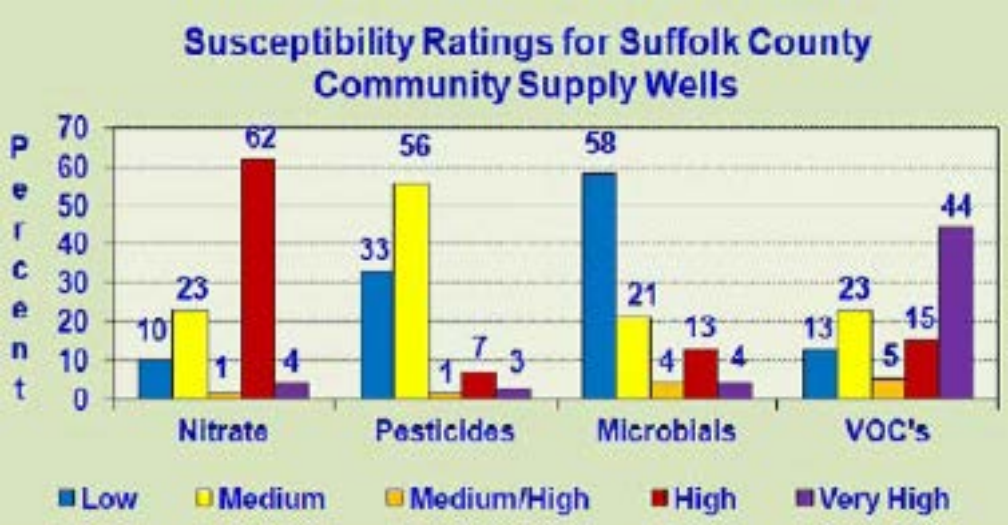
Upper Glacial Aquifer — contains the newest water to the groundwater system. The Water Authority has 282 wells drawing from this portion of the aquifer. Virtually all private wells draw from the Glacial Aquifer.

Magothy Aquifer — is the largest of the three formations and holds the most water, much of which is hundreds of years old. There are 352 SCWA wells drawing from this portion of the aquifer.

Raritan Clay — is a clay layer that separates the Magothy and Lloyd Aquifers. Some portions of the Raritan contain permeable, sandy formations that hold enough water to pump from. The SCWA has 3 wells in the Raritan.

Lloyd Aquifer — is a largely-untapped layer which contains the oldest water, some of which has been held in the Aquifer System for more than 5,000 years. The SCWA has 3 Lloyd wells.

SOURCE WATER ASSESSMENT SUMMARY REPORT



Summary chart of susceptibility ratings for Suffolk County community supply wells show the majority of wells having high susceptibility for nitrate, medium susceptibility for pesticides, low susceptibility for microbials and very high susceptibility for VOCs.

The federal Safe Drinking Water Act (SDWA) amendments of 1996 created a Source Water Assessment Program (SWAP) to evaluate existing and potential threats to the quality of public drinking water supplies throughout the U.S. To carry out this program in New York, the Bureau of Water Supply Protection of the New York State Department of Health (NYSDOH) developed the New York State SWAP plan, with input from a variety of interested parties. Source water assessments were performed for all public water supplies in Nassau and Suffolk Counties, in accordance with the final New York State SWAP plan prepared by the NYSDOH and approved by the U.S. Environmental Protection Agency (EPA) in November 1999. The chart above and summary below apply to **all** Suffolk County community supply wells.

It is important to remember that the source water assessments only indicate the **potential** for contamination of a supply well, based upon the likelihood of the presence of contaminants above ground in the source water recharge area and upon the **possibility** that any contaminants present can migrate down through the aquifer to the depth at which water enters the well screen. In most cases, the susceptibility, or potential, for contamination **has not** resulted in actual source water contamination. If contamination of a well source is identified, the Suffolk County Water Authority can either provide treatment or withdraw the well from service, so that all applicable drinking water standards are met.

Nitrate

Almost 70 percent of Suffolk County community supply wells were rated as high, or very high, for susceptibility to nitrate, with the lower population density accounting for reduced contaminant prevalence ratings in the central and eastern parts of the county.

Pesticides

The susceptibility of approximately 10 percent of community supply wells were rated medium-high, high, or very high for pesticides, largely where significant tracts of agricultural land exist in eastern Suffolk County.

Microbials

Almost 60 percent of community supply wells in Suffolk County have a low susceptibility to contamination by microbials. Over 20 percent of the community supply wells were rated medium-high, high, or very high for microbials. This is a result of the presence of microbial sources in unsewered areas and the relatively short travel times from the water table to shallow well screens, particularly in the central and eastern parts of the county.

Volatile Organic Chemicals (VOCs)

Almost 65 percent of the community supply wells in Suffolk County have susceptibility ratings of medium high, high or very high for VOCs, while over 35 percent of the wells are rated medium or low. If you would like detailed information regarding the source water assessment results for the source water that is supplied to your distribution area, please contact our laboratory at (631) 218-1129.

SOURCE WATER PROTECTION

To ensure that Suffolk residents will continue to have a high quality source of drinking water, our groundwater, the SCWA is at the forefront of aquifer protection measures. Maintaining, safeguarding, and improving the quality of our groundwater are critical for our public health, our economy and our environment. Source water protection also helps avoid costs associated with treating, monitoring and remediating contamination. Pollution prevention is always preferable to remediation.

Open Space Preservation

SCWA took a very active leadership role in working towards the enactment of the legislation that protected the Central Pine Barrens. This legislation has resulted in the preservation of more than 100,000 acres of land in central Suffolk, which overlies one portion of Long Island's federally designated sole source aquifer. We continue to provide resources to protect this unique resource.

Hydrological Research

We have partnered with the Long Island Groundwater Research Institute (LIGRI) at SUNY Stony Brook to study groundwater hydrology and chemistry, and the impacts that certain practices have on our groundwater quality and quantity. The focus of this scientific research is Long Island's aquifer system, and the goal is to utilize the results in practical applications to resolve groundwater related problems.

We also support local research and data collection by the United States Geological Survey (USGS) to assess the water quality and quantity of Suffolk's groundwater reservoir. The USGS performs on-going environmental and hydrologic surveillance and investigations including a long-term groundwater monitoring program, data collection on emerging contaminants and nitrate trends, geophysical surveys, and aquifer characterization. The USGS also maintains a database of this information, allowing for trend analyses.

Public Education and Outreach

Public education is an essential ingredient in maintaining the quality of our water resources. We provide an educational outreach program for students in the 4th through 8th grades that covers the water cycle and protection of our drinking water. We also have useful information on our website (scwa.com), in our Annual Report, and in billing inserts. Occasionally SCWA will distribute information to the public through newspaper ads, TV and radio announcements, and posters or plaques on our vehicles.

Additionally, group tours of our state-of-the-art water quality testing laboratory or one of our pump stations can be arranged, or we'll gladly make a special presentation to your civic organization.

The SCWA would like you to take an active part in preserving our local water supply by becoming a Groundwater Guardian.

The Groundwater Guardian program, an international effort by the Groundwater Foundation to educate the public about the nature and value of groundwater, is run locally by a group of dedicated individuals representing government, the business community, education, agriculture, and Suffolk citizens. The SCWA recently rejuvenated the program in Suffolk with the help of these local leaders, and is looking for volunteers to help raise awareness about the importance of preserving our groundwater. Potential public education campaigns may include poster and video contests in schools and the creation of a Suffolk County Groundwater Guardians website, among other efforts.

What You Can Do to Protect our Groundwater

- ***Don't pour any hazardous or toxic household materials down the drain or toilet - old paint, cleaners, degreasers, oils, etc.***
- ***Properly dispose of all expired or unused medications by dropping them off at your local Suffolk County police department precinct's drop box, available 24 hours a day, 7 days a week.***
- ***If you use any chemicals on your lawn and gardens (pesticides, herbicides, and fertilizers) do so sparingly. In this case, more is not better.***
- ***Don't overwater your lawn during the summer. Instead, irrigate less frequently and for longer durations to promote deep root growth and reduce runoff of any chemicals into the groundwater.***
- ***Support open space preservation initiatives in your community.***

For further information, visit our website at
www.scwa.com

SOURCE WATER PROTECTION

The Value of Water

How often do you think about the value of your tap water? And yet it provides many things that no other water can.

- *It delivers public health.*
- *It delivers fire protection.*
- *It delivers economic development.*
- *It delivers quality of life.*

Water services are delivered to you 24/7/365. A day without water can mean:

- *No drinking, flushing or brushing.*
- *No showers, laundry, or dish washing.*
- *No putting out fires or watering lawns and gardens.*
- *Increased risk of waterborne diseases.*

Drinking water services are not free. Tap water costs less than a penny per gallon – a true bargain considering the energy and expertise it takes to treat and deliver clean and reliable water to homes and businesses day in and day out. But like many basic services, the cost of treating and delivering water is going up for several reasons:

Rising treatment costs – increasingly stringent drinking water regulations add to the cost of providing water.

Aging water infrastructure – repairing and upgrading aging pipelines, pumps and other facilities accounts for a significant portion of your water bill.

Increasing energy costs – it takes a lot of electricity to pump, treat and deliver water. Rising costs for energy directly affect the cost of delivering water to you.

Cost of developing new supplies – water bills reflect the cost of developing new wells and well fields to meet peak demand periods.

Our customers get more than just a product for their money. We provide reliable service that includes ongoing maintenance, sophisticated water quality testing and treatment, and highly trained personnel. Simply put, it is one of the best deals around. To learn more, please visit our website at https://www.scwa.com/water-quality/environment/

Conserving Water

In many parts of the U.S. water conservation is about reducing consumption to maximize a limited resource. Here in Suffolk County it isn't a matter of limited quantity, but rather a matter of using our precious natural resource efficiently. Although we have a sufficient water supply to meet present and future demands if managed properly, there are many reasons why conserving is important. Conserving water reduces the amount of electricity we use to run our wells. It reduces the need to construct new wells, water mains and tanks to meet increased demand. It ensures that there will be sufficient water pressure during peak demand periods to fight fires. Conserving water saves money and ensures that there will be an adequate supply for future generations.

Indoor Water Efficiency

Install Water-Conserving Appliances and Fixtures - They are cost effective and can greatly reduce water use. The average home, retrofitted with water-efficient fixtures, can save 30,000 gallons per year. Installing an aerator on your faucet is one of the most cost effective means to use water more wisely in your home. You can increase the faucet's efficiency by 30% without decreasing its performance. Check for EPA's WaterSense® label when purchasing new appliances and fixtures.

Fix Leaks - Check for leaky faucets and toilets. An American home can waste, on average, more than 10,000 gallons of water every year due to running toilets, dripping faucets, and other household leaks.

Don't Let Water Run - Turning off the tap while brushing teeth, shaving, and soaping hands can save gallons a day.

Fill it Up - When running the clothes washer or dishwasher, always wash full loads.

Outdoor Water Efficiency

Irrigate Properly - Install a weather-based "Smart" irrigation controller which will ensure your irrigation system only operates when it needs to. Set timers properly and install rain shut-off devices and moisture sensors, if one isn't built in, to reduce excess watering. Regularly inspect the sprinkler heads to make sure they are not malfunctioning. Adjust sprinklers so they are not spraying water on paved surfaces such as the sidewalk, driveway, or road. These steps will also save you energy.

Choose Low-Maintenance Lawns - Consider using native ground cover that requires little water in place of lawn areas.

Mulch – Use mulch to prevent water loss through evaporation. It helps keep your soil moist.

Sweep vs. Hose - Sweep outdoor surfaces with a broom instead of using a hose.

Go to the Car Wash - Wash your vehicle at a car wash that recycles its water rather than doing it yourself.

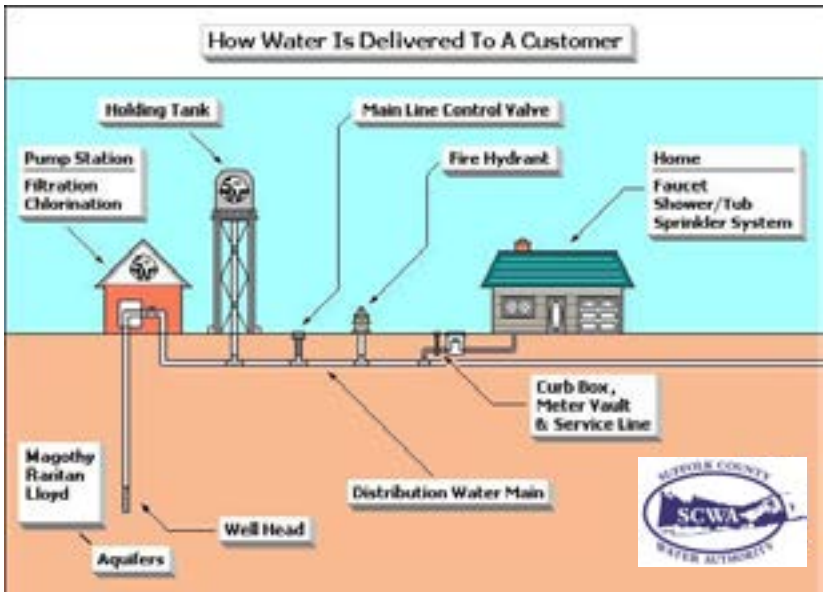
HOW SCWA ENSURES THE QUALITY OF YOUR WATER

We Would Like You To Know

Drinking water, including bottled water*, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. Water quality standards are established based upon the known health risks of the contaminants involved. In order to ensure the tap water we provide to you is the highest quality, New York State and the EPA prescribe regulations that limit the amount of certain contaminants in drinking water provided in public water systems. These limits are called Maximum Contaminant Levels (MCLs). More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791)

*As a point of information, the State Health Department's and the Federal Food and Drug Administration's regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

This graphic illustrates how your drinking water is delivered to you. SCWA pump stations are located throughout Suffolk County. There may be only one or several wells located at each pump station. At these sites, the groundwater is pumped out of the aquifer. This water prior to treatment is usually referred to as "raw" water. In some cases, the raw water is filtered to remove contaminants. Before leaving the pump station, all raw water is treated to increase the pH and chlorinated to maintain disinfection throughout the distribution system. The distribution system connects the wells to your home or business. It consists of the water mains, fire hydrants, and storage tanks. Additional information about our water treatment can be found on page 43, and a description of our distribution system can be found on page 2.



DRINKING WATER QUALITY REPORT SUPPLEMENT

Additional information regarding your water supply is available in our Drinking Water Quality Report Supplement. This Supplement contains water quality data for our wells from samples that were collected before treatment and prior to being pumped to our customers. This Supplement is available to you by accessing our website at **www.scwa.com** and looking for "Water Quality Reports" under "Public Information".

The Supplemental Report contains raw water quality information from each of our well fields. The range of data presented shows the lowest value for a detected analyte, the highest value, the average value, and the total number of tests at each well field. These values represent an average of the individual wells at each well field.

SCWA STATISTICS AND WELL INFORMATION

How Much Water Did We Supply in 2024?

In 2024, we pumped 72.9 billion gallons of water. Of that total, 90.4% was used to meet the demands of our customers and 1.4% was used for flushing water mains, firefighting, street cleaning and other purposes. The remaining 8.2% represents water loss and is attributed to main breaks, leaks and unauthorized usage.

SCWA Statistics for Calendar Year Ended December 31, 2024

Customers	403,954
Population Served	1,181,613
Miles of Main	6,085
Fire Hydrants	36,323
Water Pumped (billion gallons)	72.9
Total Wells in System	640
Active Wells in System	585
Pump Stations	243
Storage Facilities	69
Water Storage Capacity (million gallons)	73.6
Average Annual Water Rates (168,873 gallons/customer)	$643

Wells Taken Out of Service in 2024

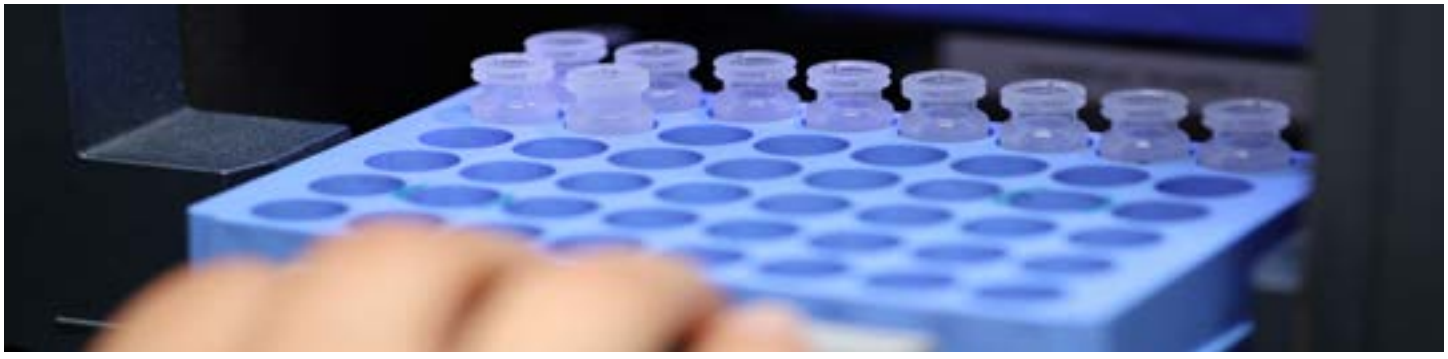
In 2024, we retired five wells. In addition, the three wells listed in this table were removed from service because they had elevated levels of the contaminant(s) noted.

Well Name(s)	Location	Contaminant(s)
North Washington #1	Centereach	1,4-Dioxane
Crystal Brook Hollow Rd #2	Mt. Sinai	PFAS
Wheeler Rd #4	Hauppauge	1,4-Dioxane

Wells Placed in Service in 2024

In 2024, we added two new wells to our water system and replaced four wells. In addition, this table lists the 25 wells placed in service with treatment to remove the contaminant(s) noted.

Well Name(s)	Location	Contaminant(s)	Treatment Type
Blue Point Rd #4A	Holtsville	PFAS	GAC Filtration
Boyle Rd PJ #2	Terryville	PFAS	GAC FIltration
Broadway #1A	Huntington Station	1,4-Dioxane	Advanced Oxidation Process
Broadway #2	Huntington Station	1,4-Dioxane	Advanced Oxidation Process
Church St Hol #2	Holbrook	PFAS	GAC Filtration
Falcon Dr #1	Hauppauge	1,4-Dioxane	Advanced Oxidation Process
Falcon Dr #2A	Hauppauge	1,4-Dioxane	Advanced Oxidation Process
Falcon Dr #2B	Hauppauge	1,4-Dioxane	Advanced Oxidation Process
Foxcroft Ln #2	East Patchogue	PFAS	Resin
Hurtin Blvd #1	Smithtown	PFAS	GAC Filtration
Hurtin Blvd #3	Smithtown	PFAS	GAC Filtration
Jayne Blvd #3	Terryville	VOCs	GAC Filtration
Lawrence Rd #2A	Kings Park	VOCs	GAC Filtration
Mayfair Dr #1A	Huntington	VOCs	GAC Filtration
Middleville Rd #1	Fort Salonga	1,4-Dioxane	Advanced Oxidation Process
Middleville Rd #2	Fort Salonga	1,4-Dioxane	Advanced Oxidation Process
Morris Ave #2A	Farmingville	PFAS	GAC Filtration
Oak Beach #1	Oak Beach	Iron/Manganese	Iron Removal Filtration
Oak Beach #2	Oak Beach	Iron/Manganese	Iron Removal Filtration
Oxhead Rd #2A	Stony Brook	PFAS	GAC Filtration
Peconic St #2	Lakeland	VOCs	GAC Filtration
Pleasant Ave #4	Lake Grove	VOCs	GAC Filtration
Stem Ln #3	Stony Brook	PFAS	GAC Filtraton
Wheat Path #1	Mt. Sinai	PFAS	GAC Filtation
Wheat Path #3	Mt. Sinai	PFAS	GAC Filtation



WATER TREATMENT INFORMATION

As most of our groundwater already meets all state and federal water quality standards, it generally does not receive extensive treatment. Before the water leaves the pump station, minute traces of chlorine are routinely added according to the specifications of the state health department to prevent bacterial growth that could occur in our water mains and tanks. Our bacteriological test results can be found on pages 30 and 31. Information regarding the disinfection byproducts formed from the addition of chlorine can be found on pages 16 - 19.

We also adjust the pH level of the water we deliver to you because the water, which we pump from the ground, is naturally acidic (pH can range from 4.5 to 6.8). To prevent corrosion of home plumbing, our water is chemically “buffered” by adding a hydrated lime product to increase the pH level. Soda ash is sometimes used instead of hydrated lime in certain portions of our system. This greatly reduces or eliminates the leaching of lead and copper from customers’ interior plumbing. Additional lead and copper information can be found on page 19.


Typical Pump Station with Elevated Storage Tank


Iron and Manganese Removal Filters

In areas where the groundwater naturally contains iron or manganese levels higher than the standard, sequestering agents such as polyphosphates may be added to control the iron and keep it in solution. We also use specialized iron and manganese removal filters, and employ strategies such as systematic flushing of water mains to reduce these naturally occurring metals. If any well exceeds the standard and does not have treatment, it is removed from service.

Approximately 31% of our wells receive treatment using granular activated carbon filtration to remove pesticides/herbicides, per- and polyfluoroalkyl substances such as PFOA/PFOS, and volatile organic compounds. Packed Tower Aeration (PTA) units also called air strippers, ion exchange, perchlorate resin filters and Advanced Oxidation Process (AOP) are also used as needed. In some cases wells are blended together at the pump station to lower the amount of contaminants, such as nitrate and 1,4-Dioxane, in the water we serve.


Ion Exchange Filters for Nitrate Removal


Granular Activated Carbon


Advanced Oxidation Process

SCWA WINS BEST WATER CONTEST

SCWA Receives Award for Best-Tasing Water in Suffolk County

Suffolk County Water Authority Receives Award for Best-Tasting Water in Suffok County

August 06, 2024 02:05 PM

The Suffolk County Water Authority received the trophy for winning the Long Island Water Conference's 36th annual Drinking Water Tasting Contest. SCWA's water was declared the best-tasting among all Suffolk County water providers in May. The trophy commemorating the win was delivered to SCWA and will now be on display all year, until it passes on to the next winner in 2025. Water from 14 providers from across Long Island were considered for the contest. The Bayville Water Department took home the title for Nassau County. "The drinking water taste contest is always a fun time for us," said SCWA Chairman Charles Lefkowitz. "It is great to see how we stack up against many of our fellow water providers, and our victory shows that our hard work is paying off. We are excited to have this trophy in hand and will be sure to display it with pride."

SCWA Awarded $21.5 Million in Grant Funding for Drinking Water Infrastracture Projects

Suffolk County Water Authority Awarded $21.5 Million in Grant Funding for Drinking Water Infrastructure Projects

November 07 2024 08:42 AM

The New York State Environmental Facilities Corporation announced $435 million in Water Infrastructure Improvement Act (WIIA) grants across 102 projects statewide, funding critical water infrastructure improvements throughout New York State. Among the largest single recipients, the Suffolk County Water Authority has been awarded $21.5 million this year—the largest grant SCWA has received through the WIIA program to date, surpassing its previous record of $21.4 million in 2021. Since 2019, SCWA has aggressively pursued grant funding and successfully secured more than $92 million from federal, state and local sources to enhance water quality, expand access to public water and treatment capacity. The new funds will support SCWA's installation of 17 Granular Activated Carbon (GAC) filters for removing PFAS and five Advanced Oxidation Process (AOP) systems for treating 1,4-dioxane—two contaminants identified as public health priorities. This grant funding reduces the cost of installations and allows SCWA to limit expenses passed on to customers and maintain some of the lowest water rates in New York.

SCWA Chairman Charlie Lefkowitz emphasized the importance of these investments: "On behalf of our 1.2 million customers, we thank Governor Hochul and the State of New York for this critical support. High-quality drinking water requires proactive investments in treatment technology, and grant funding allows us to stay at the forefront of emerging contaminants while minimizing costs for our customers."

TABLE OF UNDETECTED COMPOUNDS

In 2024 we tested our drinking water for these compounds and they were not detected.

1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2-Dibromo-3-Chloropropane,Low Level
1,2-Dibromoethane (EDB),Low Level
1,2-Dichlorobenzene
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,3-Dichloropropane
1,4-Dichlorobenzene
1,7-Dimethylxanthine
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid
1-Naphthol
2,2-Dichloropropane
2,4,5-T
*2,4,6-Trichloroanisole
2,4,6-Trichlorophenol
2,4-D
2,4-DB
2,4-Dichlorophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chlorotoluene
2-Isobutyl-3-methoxypyrazine (IBMP)
2-Isopropyl-3-methoxypyrazine(IPMP)
*2-Methylisoborneol
3,5-Dichlorobenzoic Acid
3-Hydroxycarbofuran
4,4´ - DDD
4,4´ - DDE
4,4´ - DDT
4,8-Dioxa-3H-perfluorononanoic Acid
4-Chlorotoluene
4-Isopropyltoluene
4-Methyl-2-Pentanone
4-Nitrophenol
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid
Acenaphthene
**Acetaldehyde
Acetaminophen
Acetic Acid
Acetochlor
Acifluorfen
*Actinium-227
Alachlor
Aldicarb
Aldicarb Sulfone
Aldrin
Alitame
*Americium-241
*Americium-243
Amobarbital
Anthracene
Antimony
*Antimony-124
*Antimony-125
Asbestos
Atrazine
Azobenzene
*Barium-133
Bentazon
Benz[a]anthracene
**Benzaldehyde
Benzene
Benzo[a]pyrene
Benzophenone
Benzotriazole
Beryllium
*Beryllium-7
BHC (Alpha)
BHC (Beta)
BHC (Delta)
Bromacil
Bromate
Bromobenzene
Bromochloromethane
Bromomethane
Butabarbital
Butachlor
Butalbital
**Butanal
Butylbenzylphthalate
Cadmium
*Cadmium-109
Carbaryl
Carbazole
Carbofuran
Carbon Tetrachloride
*Cerium-139
*Cesium-134
*Cesium-137
Chloramben
Chloroethane
Chloromethane
Chrysene
Cis-1,3-Dichloropropene
Cis-Permethrin
*Cobalt-57
*Cobalt-58
*Cobalt-60
Codeine
Cotinine
**Crotonaldehyde
Cyanazine
Cyanide-Free
**Cyclohexanone
Dacthal (DCPA)
Dalapon
**Decanal
Di(2-Ethylhexyl) Adipate
Di(2-Ethylhexyl) Phthalate
Diazinon
Dibromomethane
Dicamba
Dichlobenil
Dichlorprop
Dieldrin
Diethylphthalate
Dimethylphthalate
Di-n-Butyl Phthalate
Dinoseb
Dulcin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
EPTC
Ethane
Ethofumesate
Ethoprophos
Ethylene
*Europium-152
*Europium-154
*Europium-155
Fluorene
**Formaldehyde
*Formic Acid
*Geosmin
Gemfibrozil
Germanium-72
Glycyrrhizic Acid
**Glyoxal
Heptachlor
Heptachlor Epoxide
**Heptanal
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexafluoropropylene Oxide Dimer Acid
**Hexanal
Hexazinone
Hydrocodone
*Iron-59
Isophorone
Lamotrigine
Lead
*Lead-210
Lindane (Gamma-BHC)
Lidocane
Malathion
*Manganese-54
Mercury
*Mercury-203
Methiocarb
Methomyl
Methoxychlor
Methylene Chloride
**Methyl Glyoxal
Metribuzin
Molinate
Monobromoacetic Acid (MBAA)
N-Butylbenzene
N-ethyl perfluorooctanesulfonamidoacetic Acid
N-methyl perfluoroocatnesulfonamidoacetic Acid
*N-Nitrosodi-N-butylamine
*N-Nitrosodi-N-propylamine
*N-Nitrosodiethylamine
*N-Nitrosodimethylamine
*N-Nitrosodiphenylamine
*N-Nitrosomethylethylamine
*N-Nitrosopiperidine
*N-Nitrosopyrrolidine
N-Propylbenzene
Naphthalene
Napropamide
Naproxen
Neohesperidin dihydrochalcone
*Niobium-94
Nonafluoro-3-6-dioxaheptanoic Acid
**Nonanal
**Octanal
*Oxalic Acid
Oxamyl
Oxyfluorfen
Pentachlorophenol
**Pentanal
Pentobarbital
Perfluoro(2-ethoxyethane)sulfonic Acid
Perfluoro-3-methoxypropanoic Acid
Perfluoro-4-methoxybutanoic Acid
Perfluorodecanoic Acid
Perfluorododecanoic Acid
Perfluoroheptanesulfonic Acid
Perfluorotetradecanoic Acid
Perfluorotridecanoic Acid
Perfluoroundecanoic Acid
Phenanthrene
Picloram
Polychlorinated Biphenyls(PCBs)
*Potassium-40
Propachlor
**Propanal
Propane
Propoxur
Ronstar
*Ruthenium-103
*Scandium-46
Sec-Butylbenzene
Secobarbital
Selenium
S-Ethyl dipropylthiocarbamate(EPTC)
Silver
Silvex (2,4,5-TP)
Simazine
*Sodium-22
Stevioside
Styrene
Tebuconazole
Terbacil
Tert-Butylbenzene
Tetrahydrofuran
Thallium
Threshold Odor
Tin
*Tin-113
Toxaphene
Trans-1,2-Dichloroethene
Trans-1,3-Dichloropropene
Trans-Permethrin
Tribromoacetic Acid
Tribufos
Triclosan
Trifluralin
*Tritium
*Uranium-235
Vinclozolin
Vinyl Chloride
Warfarin
*Yttrium-88
*Zinc-65
*Zirconium-95

*Selected monitoring at specific wellfields in distribution areas 1, 12, 15 and 23.
**Selected monitoring at AOP locations.

NOTICES AND STATISTICS FOR WATER DISTRICTS THE SCWA OPERATES

Special Notice for East Farmingdale Water District

The Suffolk County Water Authority assumed operation of the East Farmingdale Water District in October of 2010. Test results for the East Farmingdale Water District may be found on page 28 under Distribution Area EFWD and pertinent statistics are in the table shown below. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

East Farmingdale Water District Statistics

Customers	2,446
Population Served	7,338
Miles of Main	66.76
Fire Hydrants	585
Water Used (Million Gallons)	657
Average Annual Bill (250,303 gallons)	$1,138
Water Billed (Million Gallons)	631
Percentage of Water Unaccounted for	4.0%

Special Notice for Riverside Water District

The Suffolk County Water Authority operates the Riverside Water District, and we serve 589 residental and commercial properties with an estimated population of 1,767. Test results for the Riverside Water District may be found on page 28 under Distribution Area RSWD. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our

Special Notice for Dering Harbor Water District

The Suffolk County Water Authority assumed operation of the Dering Harbor Water District in 2020, and we serve 38 residential and commercial properties with an estimated population of 114. Test results for the West Neck Water District may be found on page 27 under Distribution Area 64. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

Special Notice for Stony Brook Water District

The Suffolk County Water Authority operates the Stony Brook Water District. Test results for the Stony Brook Water District may be found on page 28 under Distribution Area SBWD and pertinent statistics are in the table shown below. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

Stony Brook Water District Statistics

Customers	1,643
Population Served	4,929
Miles of Main	48.2
Fire Hydrants	343
Water Used (Million Gallons)	221
Average Annual Bill (131,947 gallons)	$159
Water Billed (Million Gallons)	213
Percentage of Water Unaccounted for	1.4%

Special Notice for Brentwood and Fair Harbor Water Districts

The Suffolk County Water Authority assumed operation of the Brentwood and Fair Harbor Water Districts in 2000. Brentwood Water District is a part of SCWA Distribution Area 15. Test results for Brentwood may be found on page 23. Test results for Fair Harbor may be found on page 26 under Distribution Area 53. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

Special Notice for West Neck Water District

The Suffolk County Water Authority assumed operation of the West Neck Water District in 2022, and we serve 66 residential and commercial properties with an estimated population of 198. Test results for the West Neck Water District may be found on page 29 under Distribution Area WNWD. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

Special Notice for Oak Beach Water District

The Suffolk County Water Authority assumed operation of the Oak Beach District in 2024, and we serve 57 residential properties with an estimated population of 228. Test results for the Oak Beach Water District may be found on page 27 under Distribution Area 67. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

MISSION STATEMENT AND CONTACT INFORMATION

MISSION STATEMENT

"Our mission is to provide the customers of the Suffolk County Water Authority the highest quality water at the lowest possible cost with excellent customer service."

Thank you for taking the time to read this report. If you have any questions about the information contained in this report, your drinking water, or the Authority in general, please call our
Customer Contact Center at 631-698-9500.
We will be more than happy to answer your questions.

SCWA Offices And Contact Information

Normal business hours, Monday - Friday, 8:30 a.m. - 5:00 p.m.

Administrative Offices
4060 Sunrise Highway Oakdale, NY 11769

Customer Service Center
2045 Route 112, Suite 5, Coram, NY 11727 (631) 698-9500

For the Hearing Impaired
TDD Customer Service Number is 589-5210

Need more information about us? You may also be interested in attending one of the meetings of the Suffolk County Water Authority Board. Please feel free to attend these meetings, which are generally held at 3 p.m. on the last Thursday of the month at our headquarters in Oakdale. Additionally, the Suffolk County Department of Health Services Office of Water Resources oversees the SCWA. If you prefer, questions regarding the SCWA and/or this report can be directed to them at 631-852-5810.

Federal Public Water Supply ID Numbers

Brentwood Water District 5103692
Dering Harbor Water District. 5103700
East Farmingdale Water District . . . 5103701
Fair Harbor Water District 5110599
Oak Beach Water District 5130214
Riverside Water District. 5105655
Stony Brook Water District 5103698
Suffolk County Water Authority. 5110526
West Neck Water District 5110623