



A Middlesex Water Company Affiliate

ANNUAL WATER QUALITY REPORT

Celebrating More Than 56 Years of Quality Service

2022

This document is a report on water quality for communities served by Tidewater Utilities, Inc. during the year 2022, including Southern Shores Water Company, LLC.

**To contact us, please call
Customer Service & Billing
Inquiries: 1-877-720-9272
Dover Office: 1-302-734-7500**

**Tidewater Utilities, Inc.
1100 South Little Creek Road
Dover, DE 19901**

Visit our website at TUIWater.com

This report contains important information about your drinking water. If you do not understand it, please have someone translate it for you, or call: (877) 720-9272 to speak with someone regarding this report in Spanish.

Este reporte contiene información muy importante con relación a su agua potable. Si no lo entiende bien, hable con alguien que se lo pueda traducir ó llame al Departament de Servicios al Cliente al telefono (877) 720-9272, para hablar con un representante en español sobre este reporte.

Get To Know Your Drinking Water

Dear Customer,

Each year, Tidewater Utilities, Inc. provides its customers with a report on water quality for the prior year. We encourage you to read this report to learn about the results of testing conducted and water samples collected during 2022.

This report has been prepared to familiarize you with the characteristics of the water system, including your source of supply, the quality of treated water, substances present in the water, and the maximum levels of those compounds permitted by state or federal regulations. We hope this report demonstrates Tidewater's commitment to continually improve the water treatment process and protect our water resources.

If you have any questions about this report or would like more information about your water quality, please call Tidewater Utilities at (877) 720-9272 or you may contact the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline at (800) 426-4791 for additional information about drinking water regulatory programs.

We invite you to become involved in decisions affecting your drinking water by sharing your comments and concerns. Please call or write: Mr. Bruce O'Connor, President, Tidewater Utilities, Inc., 1100 South Little Creek Road, Dover, DE 19901. (877) 720-9272. Thank you for allowing us the opportunity to serve you.



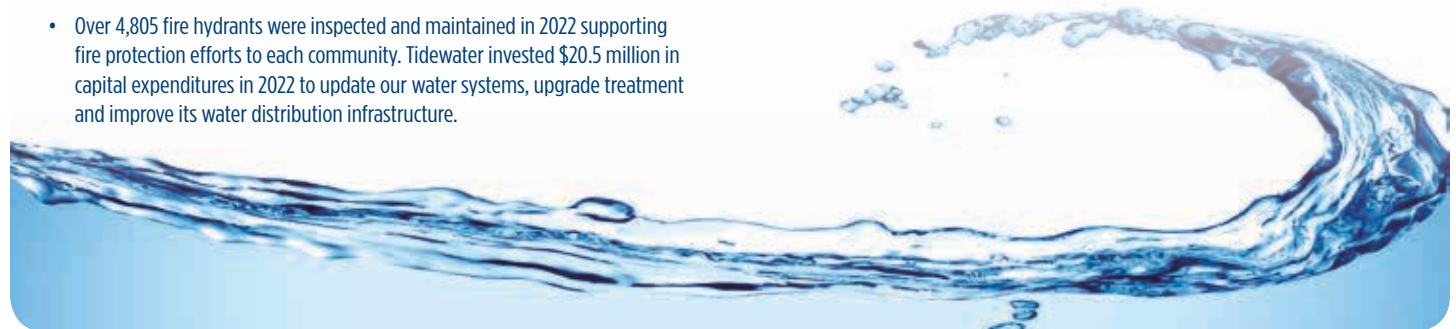
Committed to Making Every Drop Count

Tidewater Utilities, Inc., together with its wholly-owned subsidiary, Southern Shores, produces and serves high quality water to over 110,000 Delawareans in over 500 residential communities and commercial establishments in New Castle, Kent, and Sussex Counties. Since 1964 we have planned, developed, operated and maintained our water systems in order to provide clean and safe drinking water for our customers. Where appropriate, we continue to interconnect individual systems to form regional systems as a way to leverage operational efficiency. Several of our 2022 accomplishments are shared below:

- Tidewater Utilities delivered 2.7 billion gallons of water through its 87 production plants with 174 wells that vary in pumping capacity from 46,000 gallons per day (gpd) to 4.4 million gpd. Water is transported to our customers through 888 miles of transmission and distribution mains. Tidewater maintains 47 water storage tanks, with an aggregate capacity of 8.0 million gallons in our 53 active water districts
- Over 4,805 fire hydrants were inspected and maintained in 2022 supporting fire protection efforts to each community. Tidewater invested \$20.5 million in capital expenditures in 2022 to update our water systems, upgrade treatment and improve its water distribution infrastructure.

- Tidewater continues to analyze coliform and E.Coli in its Microbiology Laboratory, which is certified through the Delaware Department of Health and Social Services-Division of Public Health Lab Certification Program. The presence of an in-house laboratory enables compliance with the Safe Water Drinking Act and enables us to conduct testing at any time to ensure that water provided by Tidewater meets all State and Federal Regulations.
- During 2022, water quality staff collected over 4,200 water samples which were lab tested.
- New Storage Tanks were constructed in Millville by the Sea and South Rehoboth Districts.
- Interconnection of large water districts in Sussex County.
- New Treatment Plant in the Bayside Americana community.

Together with our parent company, Middlesex Water Company, we continue to be completely committed to our customers in the water, wastewater, contract services, public/private partnership and related services arena. Our phone number is 877-720-9272 and our website is TUIWater.com



Tidewater Adopts Connection Control Regulations for Drinking Water Safety

Tidewater has recently adopted a new **Cross Connection Control** program to comply with new regulations issued by the State of Delaware. The new regulations help protect the public water supply and to continue to provide safe, clean drinking water to households and businesses throughout Delaware.



Elements of Our Cross Connection Control Program

- On-site surveys to help identify cross-connections.
- Potential corrective action for non-compliant service connections.
- Property owners, whether commercial or residential, will be responsible for the necessary corrective actions and associated costs.
- Compliance verification, which includes annual backflow testing and maintenance of inspection records as required by regulations.
- Submission by customer of annual backflow prevention device test results to Tidewater.

To learn more, visit TUIWater.com

Keep Pharmaceuticals and Personal Care Products (PPCPs) Out of Our Drinking Water

Where do PPCPs come from?

Pharmaceuticals and personal care products, known in the water industry as PPCPs, are a group of compounds consisting of human and veterinary drugs (prescription or over the counter) and consumer products, such as fragrance, lotions, sun-screens, house cleaning products, and others. PPCPs can be introduced into the environment in several ways, including:

- Flushing unused medications down the toilet or sink.
- Rinsing personal hygiene and household cleaning products down the drain.
- Excreting unabsorbed medications into the sewage system.
- Farm animals excreting veterinary drugs, including hormones and antibiotics, into fields where they run off into lakes and streams.
- Commercial improper disposal methods.

For Proper Disposal of PPCPs, the following Federal Guidelines are provided:

- Do not flush prescription drugs down the toilet or drain unless the label or accompanying patient information specifically instructs you to do so. For information on drugs that should be flushed visit the FDA's website at: www.fda.gov
- To dispose of prescription drugs not labeled to be flushed, you may be able to take advantage of community drug take-back programs or other programs that collect drugs at a central location for proper disposal. Call your city or county government's household trash and recycling service and ask if a drug take-back program is available in your community.

If a drug take-back or collection program is not available:

1. Take your prescription drugs out of their original containers.
2. Mix drugs with an undesirable substance, such as cat litter or used coffee grounds
3. Put the mixture into a disposable container with a lid, such as an empty margarine tub, or sealable bag and place in the trash.

The Source of Our Water Supply

Tidewater Utilities, Inc. provides water service to over 55,000 retail customers for residential, commercial and fire protection purposes in Kent, Sussex and New Castle Counties, Delaware. Tidewater relies exclusively on groundwater wells, which are less susceptible to drought than surface water supplies. Many of these systems serve from 5 to 2,000 customers and even more where systems have been interconnected.

The Tidewater systems do not have one central treatment facility, but many of its water systems have interconnected transmission systems. The others are independent "satellite" systems. One of the Company's goals continues to be the consolidation of geographically independent systems into several regionally integrated networks.

Source Water Assessment Program (SWAP)

The 1996 amendments to the Safe Drinking Water Act (SDWA) require that source water assessments be performed for all sources of public drinking water in each state. Because of this, each state was required to develop a Source Water Assessment Plan (SWAP). The State of Delaware's SWAP was developed and approved by the United States Environmental Protection Agency in October 1999.

This assessment has been performed using the methods specified in the State of Delaware's Source Water Assessment Plan. The assessment consists of these four critical steps:

1. Delineation of source water areas;
2. Determination of the vulnerability of a well or intake to contamination;
3. Identification of existing and potential sources of contamination; and
4. Determination of the susceptibility of the source water area to contamination.

Susceptibility Determination

The key part of a source water assessment is the determination of the likelihood that a particular public water supply system will capture contaminants at concentrations of concern. This analysis, termed susceptibility determination, combines the source water protection area delineation, the vulnerability determination for the wells, the contaminant source inventory, and the water quality information to yield a relative susceptibility for the public water system. Each individual water source is rated for each of the eight contaminant categories on a scale ranging from no susceptibility, low, medium to high, having been documented as having exceeded drinking water standards.

The table for each community system can be found directly under Water Quality results for that system.

Susceptibility Chart Definitions

Other Inorganics – Mineral-based, man-made and naturally occurring, compounds such as fluoride and chloride.

Metals – A chemical element, may also be found as a free element in nature, such as iron and manganese.

Nutrients – Compounds such as phosphorus and nitrogen that aid in the growth of organisms.

Other Organics – Chemical compounds containing carbon such as PCE and TCE.

Pathogens – Organisms such as bacteria and viruses.

Pesticides – Man-made chemicals used to control pests and weeds such as Atrazine.

Petroleum Hydrocarbons – Primary constituents in oil, gasoline, diesel, and a variety of solvents.

Polychlorinated Biphenyls (PCB) – Man-made, organic chemicals used in industrial and commercial applications.

If a system is rated highly susceptible for a contaminant category, it does not mean a customer is or will be consuming contaminated drinking water. The rating reflects the potential for contamination to source water, not the existence of contamination.

Public water systems are required to monitor for regulated contaminants and to install treatment if any contaminants are detected as frequencies and concentrations above allowable levels.

The Division of Public Health in conjunction with the Department of Natural Resources and Environmental Control has conducted source water assessments for nearly all community water systems in the state. Contact Tidewater Utilities at (877) 720-9272 regarding availability and how to obtain a copy of this assessment. You may also review this at <http://delawaresourcewater.org/assessments>.

The Water Treatment Process

To provide you with quality drinking water, Tidewater utilizes the most reliable treatment techniques for each of its water sources. These treatment methods are used to eliminate or minimize the effects of contaminants that may be present in source waters. Water quality is monitored at each wellfield and throughout the distribution system to determine that state and federal primary water quality standards are met.

Groundwater from our wells first passes through layers of soil, sand and gravel, which act as a natural filter. Groundwater comes from an underground source of water known as an aquifer. These groundwater supplies are disinfected with chlorine to destroy bacteria that may be present and protect against microbial contaminants before being pumped into the distribution system. We monitor the level of this additive daily to ensure the proper dosage is being added. In some cases, pH correction and filtration are utilized.

At Tidewater Utilities, our staff conducts thousands of water tests each year to assure that the required level of drinking water quality is maintained. Samples of treated and untreated water are taken regularly to assure quality that complies with state and federal standards for quality and safety.

Why There May Be Contaminants in the Country's Water Supply

Sources of drinking water in the United States (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over 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 animal or human activity. Contaminants that may be present in source waters include:

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, livestock and wildlife.

Inorganic contaminant Pesticides and herbicides, which may come from a variety of sources such as agriculture, storm water runoff, and residential uses.

Organic contaminants, including natural, synthetic and volatile organic chemicals, which are by-products of nature and industrial processes and petroleum production, and can also come from gas stations, storm water runoff and septic systems.

Radioactive contaminants, which can be man-made and naturally occurring, or be the result of oil and gas production and mining activities.

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

In order to ensure that tap water is safe to drink, the EPA and the State Division of Public Health (DPH) prescribe regulations, which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. DPH also provides monitoring schedules and establishes sampling requirements for water utilities in order to maintain compliance with the Safe Drinking Water Act monitoring requirements.

Required Additional Health Information

Special Considerations Regarding Children, Pregnant Women, Nursing Mothers, and Others

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Tidewater Utilities is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at www.epa.gov/safewater/lead.

Children may receive a slightly higher amount of a contaminant present in the water than do adults, on a body weight basis, because they may drink a greater amount of water per pound of body weight than do adults. For this reason, reproductive or developmental effects are used for calculating a drinking water standard if these effects occur at lower levels than other health effects of concern. If there is insufficient toxicity information for a chemical (for example, lack of data on reproductive or developmental effects), an extra uncertainty factor may be incorporated into the calculation of the drinking water standard, this making the standard more stringent, to account for additional uncertainties regarding these effects. In the cases of lead and nitrate, effects on infants and children are the health endpoints upon which the standards are based.

A Word of Caution

Our treatment systems are designed and operated to produce water that meets all state and federal standards. Many substances and microscopic organisms found in water may be a concern if they occur at high concentrations. For some contaminants, MCL levels have not been set because the EPA has not determined at what level they pose a public health risk. This is often because a reliable detection method is unavailable and/or because the contaminant is rarely found in treated water. Some naturally occurring organisms commonly found in the natural water supplies may not be eliminated during the treatment process. This means that even a well-run system may contain low levels of microscopic organisms. The levels, however, are normally of little concern to healthy individuals. It should be noted, however, that under certain circumstances, these organisms might amplify to dangerous levels within a customer's own water supply system. All customers, including residential, commercial and industrial customers, and other large facilities such as schools, hospitals and hotels/motels, should follow appropriate procedures for maintaining their own internal plumbing systems and appliances. If you have any concerns about these matters, please call the EPA Safe Drinking Water Hotline a 1-800-426-4791.

For Your Safety – A Message for People with Compromised Immune Systems

Although our drinking water meets all state and federal regulations, some people may be more vulnerable to contaminants 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 about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial pathogens are available from the EPA Safe Drinking Water Hotline at 1-800 426-4791.

Homeowner Association Contacts

In an effort to assist each community's needs and keep them informed of changes as they occur, Tidewater maintains a listing of all communities with Homeowner Associations throughout the State. If your community has a Homeowner's Association, or if your Association members have changed, please let us know so we can update our records. Call (302) 734-7500 ext. 1001 or email us at: info@tuiwater.com.

PLEASE SHARE THIS REPORT WITH OTHERS.

Landlords, community managers, businesses and schools are encouraged to share this Water Quality Report with all water consumers at their locations.



Sign up for DIRECTAlert!

We encourage you to update your contact information through our DIRECTAlert system.

Sign-up today through our website or contact our customer service department at 1-800-549-3802.

Understanding Your Community's Water Quality Report

What the Numbers Mean to You

The table shows the results of our monitoring during 2022. The EPA requires monitoring of numerous drinking water contaminants. Those listed are the only contaminants detected. For a complete list of monitored contaminants, contact Tidewater Utilities at (877) 720-9272. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

Definitions & Abbreviations used below:

Primary Standards: Standards which relate to public health.

Secondary Standards: Standards which are non-health related.

MCLG: Maximum Contaminant Level Goal. 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.

MCL: Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

SMCL: Secondary Maximum Contaminant Level.

MRDL: Maximum Residual Disinfectant Level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG: Maximum Residual Disinfectant Level Goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

PPB: Parts per Billion. One PPB corresponds to one penny in 10 million.

PPM: Parts per Million. One PPM corresponds to one penny in 10 thousand.

N/A: Not Applicable.

pCi/l: Picocuries per Liter. A measure of radioactivity in water.

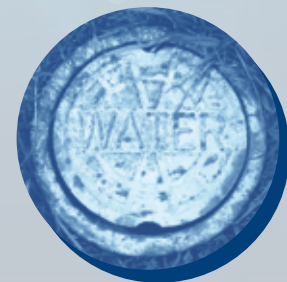
std: Standard Units.

RUL: Recommended Upper Limit.

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

<: Less Than.

ND: None detectable at testing limits.



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To review your water quality report, please refer to the page specific to your community and corresponding pump district.

COMMUNITY	PWSID	PUMP DISTRICT	AQUIFER	PAGE
Acadia Landing	DE0000248	Angola	Columbia	14
American Discount Liquors	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Anchors Run	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Angola by the Bay	DE0000248	Angola	Columbia	14
Angola District	DE0000248	Angola	Columbia	14
Angola Estates	DE0000248	Angola	Columbia	14
Appoquin Farms	DE00A0376	South East	Mount Laurel	34
Arbor at Cottagedale	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Arbor-Lyn	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Arnell Creek	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Arrington Woods	DE00A0837	Bayside	Columbia	14
Asbury Chase	DE00A0334	East NCC	Mount Laurel	22
Ashby's Place	DE00A0334	East NCC	Mount Laurel	22
Aspen Meadows	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Assawomen Lakes	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Auburn Meadows	DE0000004	Garrison's Lake	Columbia/Cheswold	25
Avon Park	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Aydolette Estates	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Back Creek	DE00A0347	North West	Magothy/Potomac	31
Banksville Acres	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Bay Colony	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Bay Crossing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Bay Forest Club	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Bay Front	DE0000248	Angola	Columbia	14
Bay Pines	DE0000248	Angola	Columbia	14
Bay Pointe (Herring Pointe)	DE0000248	Angola	Columbia	14
Bay Ridge Woods	DE0000248	Angola	Columbia	14
Bay Vista	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Bay Vista South	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Baylis Estates	DE0000271	The Meadows	Columbia/Pocomoke	37
Baymont Farm	DE00A0334	East NCC	Mount Laurel	22
Bayshore Subdivision	DE0000271	The Meadows	Columbia/Pocomoke	37
Bayside	DE00A0837	Bayside	Columbia	14
Bayside District	DE00A0837	Bayside	Columbia	14
Bayside Sea Grass Bend	DE00A0837	Bayside	Columbia	14
Bayside - Weidman	DE00A0837	Bayside	Columbia	14
Bayview Estates	DE00A0334	East NCC	Mount Laurel	22
Baywood Greens	DE0000271	The Meadows	Columbia/Pocomoke	37
Beachaven	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Beachfield	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Beachtree Preserve	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Bear Trap	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Beebe Medical Endoscopy	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Beebe Rehoboth Health Campus	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Beechwood	DE0000546	Lakeland/Beechwood	Piney Point/Cheswold/Columbia	28
Belle Terre	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Bergmont Woods	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Bethany Bay	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Bethany Breeze	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Bethany Meadows	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Bethany's Choice	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Big Oak Subdivision	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Bishop's Landing	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Blue Heron Estates	DE00A0680	Blue Heron Estates	Columbia	15
Bohemia Mill Pond	DE00A0347	North West	Magothy/Potomac	31
Bowden Acres	DE0000271	The Meadows	Columbia/Pocomoke	37
Bowerset	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Boyd's Corner	DE00A0334	East NCC	Mount Laurel	22
Breakwater Estates	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Breakwater Estates of Lewes	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Brenford Station	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Brenford Woods	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Briarcliffe	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Briar Park	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Briarwood Estates	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Bridgeville District	DE0000949	Bridgeville	Frederica	16
Bridgeville Mall	DE0000155	Bridgeville Mall	Columbia Gp-Manokin/Columbia Gp-Pocomoke	16
Bridle Ridge	DE0000221	Bethany Bay	Columbia/Pocomoke	15
Brighton Place	DE0000004	Garrison's Lake	Columbia/Cheswold	25

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To review your water quality report, please refer to the page specific to your community and corresponding pump district.

COMMUNITY	PWSID	PUMP DISTRICT	AQUIFER	PAGE
Broadkilk	DE0000238	Broadkilk	Columbia	17
Brookfield	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Cadbury at Lewes	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Camden District	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Camelot	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Canterbury Crossing	DE00A0348	Canterbury Crossing	Federalsburg/Frederica	18
Captain's Grant	DE0000271	The Meadows	Columbia/Pocomoke	37
Cardinal Grove	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Carillon Square	DE0000271	The Meadows	Columbia/Pocomoke	37
Carillon Woods	DE0000271	The Meadows	Columbia/Pocomoke	37
Carlisle Village	DE00A0684	West Dover	Cheswold/Piney Point/Columbia	39
Carpenter's Crossing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Catching Cove	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Cedar Cove	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Cedar Creek Estates	DE00A0404	South Shores	Frederica	35
Cedar Valley	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Central DE Business Park	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Champions Club at Jonathan's Landing	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Chapel Green	DE0000248	Angola	Columbia	14
Chase Oaks	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Chelsea Villa	DE0000118	Coopers	Frederica/Piney Point	19
Chesapeake Meadows	DE00A0347	North West	Magothy/Potomac	31
Cheswold Fire Company	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Cheswold Village	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Chimney Hills	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Clearbrooke Estates	DE00A0326	Clearbrooke	Columbia/Chesapeake	18
Clearwater	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Coastal Club	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Colonial East	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Colonial Oaks	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Community Bank Delaware	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Coopers Farm	DE0000118	Coopers	Frederica/Piney Point	19
Cottages on White's Creek	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Country Club Village	DE00A0679	Country Club Village	Columbia	19
Country Glen	DE0000949	Bridgeville	Frederica	16
Country Grove	DE0020020	Country Grove	Milford	20
Country Homes at Summit	DE00A0347	North West	Magothy/Potomac	31
Coursey's Point	DE0020007	Frederica	Frederica	23
Cove on Herring Creek	DE0000248	Angola	Columbia	14
Coventry at Barrington Park	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Covered Bridge Trails	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Covington Chase	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Creeks End	DE0000271	The Meadows	Columbia/Pocomoke	37
Creekside	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Creekside Plaza	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Creekwood	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
DE State Police Troop 7	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Delaware Arthritis	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Delaware Dept. of Trans.	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Delaware Oyster Farm/Oak Orchard	DE0000271	The Meadows	Columbia/Pocomoke	37
Denton Mills	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Denton Woods	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Dickerson Farms	DE00A0347	North West	Magothy/Potomac	31
Donahoe Estates	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Dover Air Force Base	DE0000579	Dover AFB	Cheswold/Piney Point	21
Dover Meadows	DE00A0767	Dover Meadows	Cheswold	20
Doves Landing	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Drawyers Creek	DE00A0353	Drawyers Creek	Mount Laurel	21
Driftwood Village	DE0000271	The Meadows	Columbia/Pocomoke	37
Eagle Heights	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Eagle Meadows	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Eagle Point	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Eagles Nest	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
East Atlantic Apartments	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
East Service Area	DE00A0334	East NCC	Mount Laurel	22
Ellis Point	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
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Villas of Bay Crossing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Villas at Walden II	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Vincent Overlook	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Vineyards at Nassau Valley	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Voshells Cove	DE0000125	Voshells Cove	Cheswold	38
Walden	DE0000248	Angola	Columbia	14
Walkers Meadow	DE0000949	Bridgeville	Frederica	16
Walkers Mill	DE0000949	Bridgeville	Frederica	16
Warrington Creek	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Warwick Cove	DE0000271	The Meadows	Columbia/Pocomoke	37
Warwick Park	DE0000271	The Meadows	Columbia/Pocomoke	37
Waterside	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Webbs Landing	DE00A0369	Webbs Landing	Columbia	38
Webster Furniture	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Wedgefield	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Welches Pond	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Wellesley	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
West Bay Park	DE0000248	Angola	Columbia	14
West Dover District	DE00A0684	West Dover	Cheswold/Piney Point/Columbia	39
Wheatlands	DE00A0347	North West	Magothy/Potomac	31
Whispering Pines (Kent County)	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Whispering Pines (Sussex County)	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
White Creek at Bethany	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
White's Creek Manor	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Whitetail Run	DE00A0868	Kenton	Cheswold	28
Wild Quail	DE00A0159	Wild Quail	Piney Point/Columbia	39
Willow Creek Plaza	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Willow Lake	DE00A0757	Willow Lake	Columbia	40
Willowmere	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Willowwood	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Windhurst Manor	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Winding Ridge	DE00A0684	West Dover	Cheswold/Piney Point/Columbia	39
Windmill Townhouses	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Windstone	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Windswept	DE0000124	Camden	Cheswold/Federalsburg	17
Windswept at Lewes	DE0000248	Angola	Columbia	14
Woodbury Acres	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Woodfield	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Woodfield Preserves	DE00A0522	Grant's Way	Columbia/Manokin	25
Woodlands	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Woodlands of Millsboro	DE00A0279	Woodlands of Millsboro	Columbia	40
Woodlyn Estates	DE0000271	The Meadows	Columbia/Pocomoke	37
Woods at Burton Pond	DE0000248	Angola	Columbia	14
Woods at Carlisle Village	DE00A0684	West Dover	Cheswold/Piney Point/Columbia	39
Woods at Oyster Rock	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Woods at Seaside	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Woods Cove	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Woods on Herring Creek	DE0000248	Angola	Columbia	14
Worthington	DE0000004	Garrison's Lake	Cheswold/Piney Point	25

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For definitions and abbreviations, please see page 6.

Angola Pump District (DE0000248)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Barium**	ppm	2	2	0.124	0.055 - 0.124	Erosion of natural deposits		No
Selenium**	ppb	50	50	0.61	ND - 0.61	Erosion of natural deposits		No
Nitrate (Note)	ppm	10	10	6.1	1 - 6.1	Runoff from fertilizer use		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes*	ppb	80	N/A	6.5	1.5 - 6.5	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	2.05	0.98 - 2.05	Drinking water treatment		No
RADIOLOGICAL								
Gross Alpha	pCi/L	15.0	0	4.11	ND - 4.11	Erosion of natural deposits		No
Combined Radium 226/228	pCi/L	5	0	2.02	ND - 2.02	Erosion of natural deposits		No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead**	ppb	AL = 15	0	1.3	0	Corrosion of household plumbing		No
Copper**	ppm	AL = 1.3	1.3	0.12	0	Corrosion of household plumbing		No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	46	31 - 58
Alkalinity	ppm	N/A	74	49 - 102
pH	std	6.5 - 8.5	8.1	7.32 - 8.89
Chloride	ppm	250	27	10 - 33
Sulfate	ppm	250	5	ND - 14
Total Hardness	ppm	N/A	18	7.0 - 24.0
Zinc	ppm	5	0.0138	ND - 0.0276
Total Dissolved Solids	ppm	500	204	204

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 month of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

*2021 Data. **2019 Data.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	High	High	High	Medium	Low	Medium	High

NS* indicates Not Susceptible

Angola was interconnected to the Rehoboth Pump District on 6/14/2022. Please refer to that data table for more information,

Bayside Pump District (DE00A0837)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Nitrate (Note)	ppm	10	10	6.0	1.3 - 6.0	Runoff from fertilizer use		No
Selenium	ppb	50	50	0.63	0.63 - 0.63	Erosion of natural deposits		No
RADIOLOGICALS								
Gross Alpha	pCi/L	15	0	3.59	ND - 3.59	Erosion of natural deposits		No
Combined Radium 226/228	pCi/L	5	0	1.13	ND - 1.13	Erosion of natural deposits		No
VOLATILE ORGANIC COMPOUNDS								
Xylenes	ppm	10	10	0.0009	ND - 0.0009	Discharge from chemical factories		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	6.48	1.74 - 6.48	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	1.58	0.97 - 1.58	Drinking water treatment		No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead	ppb	AL = 15	0	2.4	0	Corrosion of household plumbing		No
Copper	ppm	AL = 1.3	1.3	0.036	0	Corrosion of household plumbing		No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	60	49 - 72
Alkalinity	ppm	N/A	96	63 - 123
pH	std	6.5 - 8.5	7.79	6.86 - 8.71
Chloride	ppm	250	19	16 - 22
Sulfate	ppm	250	4	3 - 4
Iron	ppb	300	50	ND - 151
Total Dissolved Solids	ppm	500	234	146 - 296
Zinc	ppm	5	0.0103	0.0103

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	High	High	High	High	High	Exceed	High

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Bethany Bay Pump District (DE0000221)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Barium*	ppm	2	2	0.0372	0.0372 - 0.0372	Erosion of natural deposits	No	No
Cyanide*	ppb	200	200	129	ND - 129	Discharge from steel/metal factories	No	No
Fluoride	ppm	2	2	0.10	ND - 0.10	Erosion of natural deposits	No	No
Nitrate (Note)	ppm	10	10	5.8	ND - 5.8	Runoff from fertilizer use	No	No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	27	9.6 - 55	Byproduct of drinking water disinfection	No	No
Total Haloacetic Acids	ppb	60	N/A	20	2.3 - 38	Byproduct of drinking water disinfection	No	No
Free Chlorine	ppm	4.0	N/A	1.31	0.53 - 1.31	Drinking water treatment	No	No
Total Chlorine	ppm	4.0	N/A	1.56	1.19 - 1.56	Drinking water treatment	No	No
RADIOLOGICAL								
Gross Alpha	pCi/L	15	0	8.81	ND - 8.81	Erosion of natural deposits	No	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead**	ppb	AL = 15	0	5.6	2	Corrosion of household plumbing	No	No
Copper**	ppm	AL = 1.3	1.3	0.130	0	Corrosion of household plumbing	No	No

*2021 Data **2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	44	36 - 58
Alkalinity	ppm	N/A	93	61 - 149
pH	std	6.5 - 8.5	7.9	7.3 - 8.5
Chloride	ppm	250	34	16 - 81
Sulfate	ppm	250	2	ND - 3
Total Hardness	ppm	N/A	39	10 - 89
Total Dissolved Solids	ppm	499	180	114 - 280

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 month of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	High	High	High	Very High	Low	Exceeds	High

NS* indicates Not Susceptible

Blue Heron Pump District (DE00A0680)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Nitrate	ppm	10	10	2.5	2.0 - 2.5	Runoff from fertilizer use	No	No
Barium*	ppm	2.0	2	0.089	0.089 - 0.089	Erosion of natural deposits	No	No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	5.48	5.48 - 5.48	Byproduct of drinking water disinfection	No	No
Chlorine	ppm	4.0	N/A	1.06	0.25 - 1.06	Drinking water treatment	No	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead	ppb	AL = 15	0	1.8	0	Corrosion of household plumbing	No	No
Copper	ppm	AL = 1.3	1.3	0.064	0	Corrosion of household plumbing	No	No

*2020 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	30	10 - 49
Alkalinity	ppm	N/A	60	17 - 103
pH	std	6.5 - 8.5	6.49	5.9 - 7.07
Chloride	ppm	250	12	10 - 13
Iron	ppb	300	55	ND - 110
Total Hardness	ppm	N/A	15	14 - 15
Total Dissolved Solids	ppm	500	117	74 - 160

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	High	High	High	Low	Low	Low	Low

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Bridgeville Pump District (DE0000949)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Fluoride	ppm	2	2	0.20	0.20 - 0.20	Erosion of natural deposits	No	No
Cyanide	ppb	200	200	111	111 - 111	Discharge from metal factories	No	No
Selenium	ppb	50	50	0.51	0.51 - 0.51	Erosion of natural deposits	No	No
RADIOLOGICALS								
Combined Radium 226/228	pCi/L	5	0	2.18	2.18 - 2.18	Erosion of natural deposits	No	No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	42.94	35.07 - 42.94	Byproduct of drinking water disinfection	No	No
Total Haloacetic Acids	ppb	60	N/A	18.54	16.13 - 18.54	Byproduct of drinking water disinfection	No	No
Chlorine	ppm	4.0	N/A	2.95	0.61 - 2.95	Drinking water treatment	No	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No	No
Copper*	ppm	AL = 1.3	1.3	0.0130	0	Corrosion of household plumbing	No	No

*2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	107	107
Alkalinity	ppm	N/A	254	254
pH	std	6.5 - 8.5	8.12	8.12
Chloride	ppm	250	18	18
Sulfate	ppm	250	1	1
Total Hardness	ppm	N/A	30	30
Total Dissolved Solids	ppm	500	356	356

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	NS

NS* indicates Not Susceptible

Bridgeville Mall (DE0000155)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Barium	ppm	2	2	0.112	0.112 - 0.112	Erosion of natural deposits	No	No
Nitrate (Note)	ppm	10	10	7.4	0.6 - 7.4	Runoff from fertilizer use	No	No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	0.76	ND - 0.76	Byproduct of drinking water disinfection	No	No
Chlorine	ppm	4.0	N/A	2.11	0.27 - 2.11	Drinking water treatment	No	No
RADIOLOGICAL								
Combined Radium 226/228	pCi/L	5	0	1.27	1.27 - 1.27	Erosion of natural deposits	No	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No	No
Copper*	ppm	AL = 1.3	1.3	0.104	0	Corrosion of household plumbing	No	No

*2021

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	42	42
Alkalinity	ppm	N/A	66	66
pH	std	6.5 - 8.5	7.27	7.27
Chloride	ppm	250	30	19 - 41
Total Hardness	ppm	N/A	22	22
Total Dissolved Solids	ppm	500	160	160
Zinc	ppm	5	0.0415	0.0415

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	Low	High	High	High	High	High	High

NS* indicates Not Susceptible

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Broadkill Beach (DE0000238)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium	ppm	2	2	0.11	0.11 - 0.11	Erosion of natural deposits	No
Selenium	ppb	50	50	0.63	0.63 - 0.63	Erosion of natural deposits	No
Nitrate	ppm	10	10	1.4	1.4 - 1.4	Runoff from fertilizer use	No
RADIOLOGICALS							
Combined Radium 226/228	pCi/L	5	0	1.02	1.02 - 1.02	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	1.35	0.63 - 1.35	Drinking water treatment	No
Chlorine	ppm	4.0	N/A	1.57	0.78 - 1.57	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	4.9	4.9	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.140	0.140	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	39	39
Alkalinity	ppm	N/A	55	55
pH	std	6.5 - 8.5	7.51	7.51
Chloride	ppm	250	26	26
Sulfate	ppm	250	4	4
Total Hardness	ppm	N/A	11	11

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Low	Low	Low	Low	Very Low	Very Low	Low

NS* indicates Not Susceptible

Camden Pump District (DE0000124)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	3	3	0.10	ND - 0.10	Erosion of natural deposits	No
Cyanide	ppb	200	200	163	ND - 163	Discharge from metal factories	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	22.54	7.63 - 30.54	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	11.98	3.68 - 14.35	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.27	0.76 - 1.27	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.066	0	Corrosion of household plumbing	No

*2021 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	27	10 - 67
Alkalinity	ppm	N/A	163	133 - 186
pH	std	6.5 - 8.5	7.32	7.21 - 7.4
Chloride	ppm	250	7	6.0 - 11
Sulfate	ppm	250	2.0	ND - 4
Total Hardness	ppm	N/A	91	22 - 146
Iron	ppb	300	61	ND - 112
Total Dissolved Solids	ppm	500	231	208 - 242
Manganese	ppb	50	7	ND - 14
Zinc	ppm	5	0.0142	0.0142

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	Medium	Medium	High	Exceeds	Low	Exceeds	High

NS* indicates Not Susceptible

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Canterbury Crossing Pump District (DE00A0348)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.10	0.10 - 0.10	Erosion of natural deposits	No
Beryllium	ppb	4	4	1.16	1.16 - 1.16	Discharge from metal refineries	No
RADIOLOGICALS							
Gross Alpha	pCi/L	15	0	4.87	4.87 - 4.87	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	8.71	8.71 - 8.71	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	5.64	5.64 - 5.64	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.68	0.77 - 1.68	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.0150	0	Corrosion of household plumbing	No

*2021 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	22	22
Alkalinity	ppm	N/A	165	165
pH	std	6.5 - 8.5	7.16	7.16
Chloride	ppm	250	6	6
Sulfate	ppm	250	2	2
Total Hardness	ppm	N/A	69	69

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	NS

NS* indicates Not Susceptible

Clearbrooke Estates Pump District (DE00A0326)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.20	ND - 0.20	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	5.7	ND - 5.7	Runoff from fertilizer use	No
Cyanide	ppb	200	200	121.00	ND - 121	Discharge from metal factories	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	5.01	2.81 - 5.01	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	1.3	ND - 1.3	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.50	1.47 - 2.50	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.440	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	64	63 - 65
Alkalinity	ppm	N/A	122	89 - 154
pH	std	6.5 - 8.5	7.56	7.5 - 7.65
Chloride	ppm	250	51	35 - 59
Sulfate	ppm	250	0.1	ND - 1
Total Hardness	ppm	N/A	18	6.0 - 30.0
Zinc	ppm	5	0.0207	0.0207
Total Dissolved Solids	ppm	500	252	180 - 324

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	Medium	Medium	High	Low	Low	Low	High

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Cooper Farm Pump District (DE0000118)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Arsenic	ppb	10	0	3.36	3.36 - 3.36	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.6	0.6 - 0.6	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	30.69	23.91 - 32.85	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	19.15	9.79 - 23.11	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.56	0.40 - 1.56	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.024	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	134	134
Alkalinity	ppm	N/A	320	320
pH	std	6.5 - 8.5	7.48	7.48
Chloride	ppm	250	8	8
Sulfate	ppm	250	2	2
Total Hardness	ppm	N/A	27	27
Zinc	ppm	5	0.0226	0.0226
Total Dissolved Solids	ppm	500	396	396

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	Very Low

NS* indicates Not Susceptible

Country Club Village (DE00A0679)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium*	ppm	2.0	2.0	0.0719	0.0719 - 0.0719	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	5.6	ND - 5.6	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.91	1.71 - 4.91	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.58	0.63 - 1.58	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	2.6	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.033	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	32	32
Alkalinity	ppm	N/A	48	48
pH	std	6.5 - 8.5	7.21	7.21
Chloride	ppm	250	61	59 - 72
Total Hardness	ppm	N/A	41	41
Total Dissolved Solids	ppm	500	182	182

Note : Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	Low	Low	High	Low	Low	Low	Low

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Country Grove (DE0020020)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Nitrate	ppm	10	10	0.8	0.3 - 0.8	Runoff from fertilizer use	No
RADIOLOGICALS							
Combined Radium 226/228	pCi/L	5	0	1.34	1.34 - 1.34	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6.18	6.18 - 6.18	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.52	1.00 - 1.52	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.0079	0	Corrosion of household plumbing	No

*2020 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	41	41
Alkalinity	ppm	N/A	35	35
pH	std	6.5 - 8.5	7.44	7.44
Chloride	ppm	250	33	30 - 37
Sulfate	ppm	250	1	1.0 - 2.0
Total Dissolved Solids	ppm	500	114	114
Iron	ppb	300	174	174

No Source Water Assessment exists for this system.

Dover Meadows Pump District (DE00A0767)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.30	0.30 - 0.30	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	13.98	13.98 - 13.98	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	8.34	8.34 - 8.34	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.26	0.83 - 1.26	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1.2	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.056	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	72	72
Alkalinity	ppm	N/A	124	124
pH	std	6.5 - 8.5	7.04	7.04
Chloride	ppm	250	8	8
Sulfate	ppm	250	10	10
Total Dissolved Solids	ppm	500	220	220
Zinc	ppm	5	0.0261	0.0261

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very low	Very low	Very low	Medium	Very low	Very low	Very low	Low

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Dover Air Force Base (DE000579)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.8	0.6 - 0.8	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	38.46	36.24 - 38.47	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	14.04	13.48 - 14.04	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.08	0.41 - 1.08	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	5.4	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.160	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	15	15
Alkalinity	ppm	N/A	146	146
pH	std	6.5 - 8.5	7.22	7.22
Chloride	ppm	250	8	7.0 - 9.0
Sulfate	ppm	250	2	2.0 - 2.0
Total Hardness	ppm	N/A	118	118
Total Dissolved Solids	ppm	500	194	194
Iron	ppb	300	208	208
Manganese	ppb	50	16	16

The Dover Air Force Base samples for Perfluorinated Compounds (PFC's) every three years. This group of organic compounds is used for consumer and industrial applications such as firefighting foams. The last sampling date was 2021; the results were none detectable for PFC's.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very Low	NS	Low	Low	Low	NS	NS	Low

NS* indicates Not Susceptible

Drawyers Creek Pump District (DE00A0353)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.30	0.20 - 0.30	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.9	4.9 - 4.9	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.51	0.79 - 1.51	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	1.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.383	0	Corrosion of household plumbing	No

*2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	63	63 - 63
Alkalinity	ppm	N/A	92	90 - 93
pH	std	6.5 - 8.5	7.17	7.16 - 7.19
Chloride	ppm	250	7	7.0 - 7.0
Sulfate	ppm	250	20	20 - 20
Iron	ppb	300	150	ND - 300
Total Dissolved Solids	ppm	500	202	158 - 246

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Very Low	Very Low	Low	NS	NS	NS	Low

NS* indicates Not Susceptible

Tidewater Utilities, Inc. • Water Quality Report - 2022
For definitions and abbreviations, please see page 6.

East NCC District (DE00A0334)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium*	ppm	2	2	0.07094	ND - 0.07094	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.30	0.10 - 0.3	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.7	1.75 - 4.7	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.25	0.29 - 1.25	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead**	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper**	ppm	AL = 1.3	1.3	0.290	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	22	5 - 38
Alkalinity	ppm	N/A	95	68 - 121
pH	std	6.5 - 8.5	7.40	6.9 - 7.8
Chloride	ppm	250	3.0	2 - 4
Sulfate	ppm	250	5	4 - 6
Iron	ppb	300	160	ND - 320
Total Hardness	ppm	N/A	61	ND - 121
Total Dissolved Solids	ppm	500	93	86 - 100

*2021 Data. **2020 Data.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	Low

NS* indicates Not Susceptible

Fisherman's Village (DE0000309)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.1	0.1 - 0.1	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	22.4	22.4 - 22.4	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	3.5	3.5 - 3.5	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.24	0.68 - 1.24	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.009	0	Corrosion of household plumbing	No

*2020 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	51	51
Alkalinity	ppm	N/A	139	139
pH	std	6.5 - 8.5	6.9	6.9
Chloride	ppm	250	159	159
Sulfate	ppm	250	20	20
Iron	ppb	300	170	170
Total Hardness	ppm	N/A	200	200
Total Dissolved Solids	ppm	500	526	526

No Source Water Assessment exists for this system.

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For definitions and abbreviations, please see page 6.

Forest Grove Pump District (DE0000960)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.10	0.10 - 0.10	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6	6	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	3.49	3.49 - 3.49	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.09	0.5 - 1.09	Drinking water treatment	No
RADIOACTIVE CONTAMINANTS							
Gross alpha*	pCi/L	15	0	8.2	ND - 8.2	Erosion of natural deposits	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	5.0	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.053	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	102	102
Alkalinity	ppm	N/A	195	195
pH	std	6.5 - 8.5	7.05	7.05
Chloride	ppm	250	7	7
Total Dissolved Solids	ppm	500	142	142

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Low	Low	Low	NS	NS	NS	NS

NS* indicates Not Susceptible

Frederica Pump District (DE0020007)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.10	0.10 - 0.10	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	40.39	22.3 - 40.39	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	14.45	9.47 - 14.45	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.57	0.24 - 1.57	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1.0	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.0186	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	26	26
Alkalinity	ppm	N/A	185	185
pH	std	6.5 - 8.5	7.1	7.1
Chloride	ppm	250	7	7
Sulfate	ppm	250	2	2
Total Hardness	ppm	N/A	66	66

No Source Water Assessment exists for this system.

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For definitions and abbreviations, please see page 6.

Frederick Lodge Pump District (DE0000007)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Nickel*	ppb	100	100	0.0124	0.0124 - 0.0124	Occurs naturally in soil		No
Fluoride	ppm	2	2	0.20	0.2 - 0.2	Erosion of natural deposits		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	7.33	7.33 - 7.33	Byproduct of drinking water disinfection		No
Total Haloacetic Acids	ppb	60	N/A	4.17	4.17 - 4.17	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	1.78	0.37 - 1.78	Drinking water treatment		No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead	ppb	AL = 15	0	4	0	Corrosion of household plumbing		No
Copper	ppm	AL = 1.3	1.3	0.05	0	Corrosion of household plumbing		No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	66	66
Alkalinity	ppm	N/A	126	126
Chloride	ppm	250	4	4
Sulfate	ppm	250	5	5
pH	Std.	6.5 - 8.5	7.26	7.26
Iron	ppb	300	110	110
Total Dissolved Solids	ppm	500	212	212

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Low	Low	Low	Very Low	NS	Very Low	Very Low

NS* indicates Not Susceptible

Gander Woods Pump District (DE00A0770)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Barium*	ppm	2	2	0.0108	0.0108 - 0.0108	Erosion of natural deposits		No
Nitrate	ppm	10	10	1.6	0.3 - 1.6	Runoff from fertilizer use		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	3.63	3.63 - 3.63	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	1.54	1.15 - 1.54	Drinking water treatment		No
VOLATILE ORGANIC CHEMICALS								
Methyl tert Butyl Ether	ppb	10	10	3.04	2.08 - 3.04	Leaching from gas storage tanks		No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead*	ppb	AL = 15	0	1.5	0	Corrosion of household plumbing		No
Copper*	ppm	AL = 1.3	1.3	0.017	0	Corrosion of household plumbing		No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	60	60
Alkalinity	ppm	N/A	63	63
pH	std	6.5 - 8.5	7.36	7.36
Chloride	ppm	250	49	46 - 56
Zinc*	ppm	5	0.0303	0.0303
Total Dissolved Solids	ppm	500	210	210

* 2021 Data

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Medium	Medium	Medium	Low	Low	Low	Low

NS* indicates Not Susceptible

Tidewater Utilities, Inc. • Water Quality Report - 2022
For definitions and abbreviations, please see page 6.

Garrison's Lake Pump District (DE0000004)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Selenium	ppb	50	50	1.78	ND - 1.78	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.10	ND - 0.10	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	5.3	ND - 5.3	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	19.84	ND - 21.63	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	11.9	ND - 11.04	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.26	0.75 - 1.26	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.090	0	Corrosion of household plumbing	No

*2021 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	43	20 - 80
Alkalinity	ppm	N/A	97	73 - 117
pH	std	6.5 - 8.5	7.14	7.1 - 7.22
Chloride	ppm	250	30	6.0 - 35
Sulfate	ppm	250	32	4.0 - 41
Total Hardness	ppm	N/A	35	ND - 70
Total Dissolved Solids	ppm	500	185	144 - 214
Manganese	ppb	50	5	ND - 16

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 month of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Exceed	High	High	High	High	High	Exceed	High

NS* indicates Not Susceptible

Grant's Way Pump District (DE00A0522)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium*	ppm	2	2	0.064	0.064	Erosion of natural deposits	No
Nitrate	ppm	10	10	4.9	4.9 - 4.9	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.06	ND - 4.06	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.14	0.62 - 1.14	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.041	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	31	31
Alkalinity	ppm	N/A	46	46
pH	std	6.5 - 8.5	7.96	7.96
Chloride	ppm	250	14	14
Total Hardness	ppm	N/A	10	10
Zinc*	ppm	5	0.0194	0.0194
Total Dissolved Solids	ppm	500	80	80

*2020 Data.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	Medium	Medium	Medium	Exceed	Very Low	Exceed	Medium

NS* indicates Not Susceptible

Tidewater Utilities, Inc. • Water Quality Report - 2022
For definitions and abbreviations, please see page 6.

Green Acres Pump District (DE00A0327)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Fluoride	ppm	2	2	0.30	0.30 - 0.30	Erosion of natural deposits		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes**	ppb	80	N/A	11.8	11.8 - 11.8	Byproduct of drinking water disinfection		No
Total Haloacetic Acids**	ppb	60	N/A	4.09	4.09 - 4.09	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	3.5	0.55 - 3.50	Drinking water treatment		No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead**	ppb	AL = 15	0	ND	0	Corrosion of household plumbing		No
Copper**	ppm	AL = 1.3	1.3	0.007	0	Corrosion of household plumbing		No

**2020 Data. *2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	87	87
Alkalinity	ppm	N/A	221	221
pH	std	6.5 - 8.5	7.94	7.94
Chloride	ppm	250	17	17
Sulfate	ppm	250	4	4
Total Hardness	ppm	N/A	30	30
Total Dissolved Solids	ppm	500	324	324

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Very Low	Very Low	Low	NS	NS	NS	Low

NS* indicates Not Susceptible

Hunters Mill Estates Pump District (DE0000220)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Barium**	ppm	2	2	0.165	0.165 - 0.165	Erosion of natural deposits		No
Selenium**	ppb	50	50	1.27	1.27 - 1.27	Erosion of natural deposits		No
Nitrate	ppm	10	10	4.9	4.9 - 4.9	Runoff from fertilizer use		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	2.72	2.72 - 2.72	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	0.96	0.51 - 0.96	Drinking water treatment		No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing		No
Copper*	ppm	AL = 1.3	1.3	0.008	0	Corrosion of household plumbing		No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	36	36
Alkalinity	ppm	N/A	56	56
pH	std	6.5 - 8.5	7.65	7.65
Chloride	ppm	250	18	18
Sulfate	ppm	250	20	20
Total Hardness	ppm	N/A	26	26
Zinc**	ppm	5	0.0266	0.0266
Total Dissolved Solids	ppm	500	74	74

*2021 Data **2020 Data

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Medium	Medium	Medium	Very Low	Very Low	Very Low	Very Low

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Hunters Pointe Pump District (DE0000104)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.1	0.1 - 0.1	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	12.15	12.15 - 12.15	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	4.76	4.76 - 4.76	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	0.97	0.41 - 0.97	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.006	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	28	28
Alkalinity	ppm	N/A	143	143
pH	std	6.5 - 8.5	7.4	7.4
Chloride	ppm	250	6	6
Sulfate	ppm	250	3	3
Total Hardness	ppm	N/A	66	66
Iron	ppb	300	103	103
Total Dissolved Solids	ppm	500	254	254

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	Very Low

NS indicates Not Susceptible*

Indian River Acres Pump District (DE0000227)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Nitrate (Note)	ppm	10	10	5.1	5.1 - 5.1	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6.11	6.11 - 6.11	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.49	0.91 - 1.49	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	2.1	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.056	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	37	37
Alkalinity	ppm	N/A	57	57
pH	std	6.5 - 8.5	8.01	8.01
Chloride	ppm	250	15	15
Sulfate	ppm	250	4	4
Total Hardness	ppm	N/A	13	13
Total Dissolved Solids	ppm	500	140	140

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	Low	Low	High	Low	Low	Low	High

NS indicates Not Susceptible*

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For definitions and abbreviations, please see page 6.

Kenton Pump District (DE00A0868)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Fluoride	ppm	2	2	0.1	0.10 - 0.10	Erosion of natural deposits		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	8.82	8.82 - 8.82	Byproduct of drinking water disinfection		No
Total Haloacetic Acids	ppb	60	N/A	3.37	3.37 - 3.37	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	1.5	0.82 - 1.50	Drinking water treatment		No
RADIOACTIVE CONTAMINANTS								
Gross alpha	pCi/L	15	0	5.32	5.32	Erosion of natural deposits		No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead	ppb	AL = 15	0	2	0	Corrosion of household plumbing		No
Copper	ppm	AL = 1.3	1.3	0.022	0	Corrosion of household plumbing		No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	51	51
Alkalinity	ppm	N/A	96	96
pH	std	6.5 - 8.5	6.86	6.86
Chloride	ppm	250	8	8
Sulfate	ppm	250	13	13
Total Hardness	ppm	N/A	7	7
Total Dissolved Solids	ppm	500	214	214

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	NS	NS	Low	NS	NS	NS	Low

NS* indicates Not Susceptible

Lakeland/Beechwood Pump District (DE0000546)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Arsenic	ppb	10	0	3.53	ND - 3.53	Erosion of natural deposits		No
Barium	ppm	2	2	0.067	ND - 0.067	Erosion of natural deposits		No
Nickel	ppb	100	100	15	15	Erosion of natural deposits		No
Selenium	ppb	50	50	1.04	ND - 1.04	Erosion of natural deposits		No
Fluoride	ppm	2	2	0.80	0.80 - 0.80	Erosion of natural deposits		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	52.8	18.5 - 52.8	Byproduct of drinking water disinfection		No
Total Haloacetic Acids	ppb	60	N/A	11.3	7.4 - 11.3	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	1.29	0.12 - 1.29	Drinking water treatment		No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing		No
Copper*	ppm	AL = 1.3	1.3	0.042	0	Corrosion of household plumbing		No

*2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	121	121
Alkalinity	ppm	N/A	293	293
pH	std	6.5 - 8.5	8.06	8.06
Chloride	ppm	250	8	8
Total Hardness	ppm	N/A	28	28
Total Dissolved Solids	ppm	500	310	310
Sulfate	ppm	250	3	3
Manganese	ppb	50	32	ND - 109

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	Medium	Very High	High	High	Medium	Exceed	Exceed

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Laurel Pump District (DE00A0575)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium	ppm	2	2	0.163	0.163 - 0.163	Erosion of natural deposits	No
Beryllium	ppb	4	4	0.521	0.521 - 0.521	Discharge from metal refineries	No
Nitrate	ppm	10	10	3.5	ND - 3.5	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	22.04	22.04 - 22.04	Byproduct of drinking water disinfection	No
Haloacetic Acids	ppb	60	N/A	6.54	6.54 - 6.54	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.62	0.60 - 1.62	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.015	0	Corrosion of household plumbing	No

* 2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	51.7	30	30
Alkalinity	ppm	35.8	38	38
pH	std	7.49	7.72	7.72
Chloride	ppm	53.4	51	45 - 54
Total Hardness	ppm	N/A	21	21
Iron	ppb	300	110	110
Zinc	ppm	5	0.0379	0.0379
Total Dissolved Solids	ppm	131	150	150
Manganese	ppb	50	12	12

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	Medium	Low	Medium	Medium	Low	Medium	Medium

NS* indicates Not Susceptible

Long Farm Estates Pump District (DE00A0411)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Arsenic	ppb	10	0	2.39	2.39 - 2.39	Erosion of natural deposits	No
Fluoride	ppm	2	2	1.3	1.3 - 1.3	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	30.95	30.95 - 30.95	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	12.32	12.32 - 12.32	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.13	0.30 - 1.13	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.019	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	155	155
Alkalinity	ppm	N/A	343	343
pH	std	6.5 - 8.5	7.6	7.6
Chloride	ppm	250	10	10
Iron	ppb	300	185	185
Total Dissolved Solids	ppm	500	428	428
Total Hardness	ppm	N/A	20	20
Sulfate	ppm	250	1	1
Zinc	ppm	5	0.0157	0.0157

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	Very Low

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Meadows at Cabbage Pond (DE00A0212)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium	ppm	2	2	0.0888	0.0596 - 0.0888	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	5.1	4.7 - 5.1	Runoff from fertilizer use	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	1.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.0038	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	9	9.0 - 9.0
Alkalinity	ppm	N/A	11	9.0 - 12.0
pH	std	6.5 - 8.5	7.00	6.4 - 7.63
Chloride	ppm	250	17	17 - 18
Sulfate	ppm	250	2.0	2.0 - 2.0
Total Hardness	ppm	N/A	23	21 - 25
Zinc	ppm	5	0.03	0.01 - 0.035
Total Dissolved Solids	ppm	500	80	70 - 90

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Medium	Medium	Medium	Medium	Low	Low	Medium

NS* indicates Not Susceptible

Misty Pines Pump District (DE00A0420)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium	ppm	2	2	0.023	0.023 - 0.023	Erosion of natural deposits	No
Nitrate	ppm	10	10	3.4	3.4 - 3.4	Runoff from fertilizer use	No
Selenium	ppb	50	50	0.68	0.68 - 0.68	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.1	0.1 - 0.1	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	13.61	13.61 - 13.61	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	4.93	4.93 - 4.93	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.33	0.74 - 1.33	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	1.4	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.074	0	Corrosion of household plumbing	No

* 2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	9	9
Alkalinity	ppm	N/A	94	94
pH	std	6.5 - 8.5	6.92	6.92
Chloride	ppm	250	10	10
Sulfate	ppm	250	18	18
Total Hardness	ppm	N/A	109	109
Total Dissolved Solids	ppm	500	172	172
Zinc	ppm	5	0.039	0.039

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Low	Low	Low	NS	NS	Exceed	Low

NS* indicates Not Susceptible

Tidewater Utilities, Inc. • Water Quality Report - 2022
For definitions and abbreviations, please see page 6.

North West Pump District (DE00A0347)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.10	ND - 0.10	Erosion of natural deposits	No
Barium	ppm	2	2	0.07450	0.0399 - 0.0745	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	5.64	2.7 - 5.64	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	1.23	ND - 1.23	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.25	0.91 - 1.25	Drinking water treatment	No
RADIOLOGICALS							
Gross Alpha	pCi/L	15	0	3.28	ND - 3.28	Erosion of natural deposits	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1.3	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.160	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	31	26 - 39
Alkalinity	ppm	N/A	85	75 - 90
pH	std	6.5 - 8.5	8.29	8.23 - 8.36
Chloride	ppm	250	9	7 - 11
Sulfate	ppm	250	5	4 - 6
Total Hardness	ppm	N/A	21	13 - 32
Total Dissolved Solids	ppm	500	91	88 - 96

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Low	Low	Low	NS	NS	NS	Low

NS* indicates Not Susceptible

Pepper Creek (DE0020021)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Nitrate	ppm	9	9	3.0	ND - 3.0	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	5.69	5.69 - 5.69	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	1.32	1.32 - 1.32	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.59	1.01 - 1.59	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	0.4	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.099	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	250	50	50
Alkalinity	ppm	N/A	43	43
pH	std	6.5 - 8.5	7.34	7.34
Chloride	ppm	250	50	46 - 54
Total Dissolved Solids	ppm	500	204	204

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	High	High	High	Low	Low	Exceed	High

NS* indicates Not Susceptible

Tidewater Utilities, Inc. • Water Quality Report - 2022
For definitions and abbreviations, please see page 6.

Point Farm (DE00A0379)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.10	0.10 - 0.10	Erosion of natural deposits	No
Selenium	ppb	50	50	1.24	1.24 - 1.24	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	26.72	12.27 - 36.6	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	6.5	1.22 - 9.28	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.38	0.26 - 1.38	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	5.0	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.024	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	250	143	143
Alkalinity	ppm	N/A	178	178
pH	std	6.5 - 8.5	7.45	7.45
Chloride	ppm	250	88	88
Total Dissolved Solids	ppm	500	418	418

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	NS

NS* indicates Not Susceptible

Ponds of Willow Grove (DE0020022)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Arsenic*	ppb	10	0	3.27	2.93 - 3.27	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.7	0.7 - 0.7	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	46.46	46.46 - 46.46	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	16.87	16.87 - 16.87	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.31	0.47 - 1.31	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.019	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	118	118
Alkalinity	ppm	N/A	295	295
pH	std	6.5 - 8.5	7.52	7.52
Chloride	ppm	250	9	9
Sulfate	ppm	250	1	1
Iron	ppb	300	136	136
Total Hardness	ppm	N/A	25	25

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	Very High

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Rehoboth Pump District (DE0000991)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium	ppm	2	2	0.211	0.032 - 0.211	Erosion of natural deposits	No
Beryllium	ppb	4	4	0.738	ND - 0.738	Discharge from metal refineries	No
Selenium	ppb	50	50	1.23	ND - 1.23	Discharge from petroleum refineries	No
Nitrate (Note)	ppm	10	10	5.0	1.0 - 5.0	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	5	2.07 - 8.58	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.14	0.65 - 1.14	Drinking water treatment	No
VOLATILE ORGANIC CONTAMINANTS							
Toluene	ppm	1.0	1.0	0.0007	ND - 0.0007	Discharge from petroleum factories	No
Xylenes	ppm	10	10	0.00057	ND - 0.00057	Discharge from petroleum factories	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1.0	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.043	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	43	29 - 76
Alkalinity	ppm	N/A	64	47 - 94
pH	std	6.5 - 8.5	8.07	7.59 - 8.79
Chloride	ppm	250	30	14 - 120
Sulfate	ppm	250	7	1 - 21
Iron	ppb	300	70	ND - 175
Total Hardness	ppm	N/A	16	8 - 38
Total Dissolved Solids	ppm	500	162	102 - 352
Manganese	ppb	50	4	ND - 18
Zinc	ppm	5	0.047	ND - 0.244

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 month of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	High	Exceed	High	High	High	Exceed	Very High

NS* indicates Not Susceptible

Sandy Ridge Pump District (DE00A0699)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.9	0.9 - 0.9	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	8.98	8.98 - 8.98	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.75	0.42 - 1.75	Drinking water treatment	No
RADIOLOGICAL							
Gross Alpha	pCi/L	15	0	7.09	7.09 - 7.09	Erosion of natural deposits	No
Radium 226/228**	pCi/L	5	0	1.49	1.49 - 1.49	Erosion of natural deposits	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	1.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.018	0	Corrosion of household plumbing	No

*2020 Data **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	165	165
Alkalinity	ppm	N/A	340	340
pH	std	6.5 - 8.5	8.21	8.21
Chloride	ppm	250	28	28
Total Dissolved Solids	ppm	500	486	486
Total Hardness	ppm	N/A	17	17

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Low	Low	Low	Very Low	Very Low	Exceed	Very High

NS* indicates Not Susceptible

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Sea Winds Pump District (DE00A0516)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	9.6	9.6 - 9.6	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	2.82	2.82 - 2.82	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.86	0.59 - 1.86	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1.0	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.011	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	66	66
Alkalinity	ppm	N/A	59	59
pH	std	6.5 - 8.5	7.41	7.41
Chloride	ppm	250	19	19
Sulfate	ppm	250	61	61
Total Dissolved Solids	ppm	500	168	168

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Medium	Medium	Medium	Very Low	Very Low	Very Low	Low

NS* indicates Not Susceptible

South East Pump District (DE00A0376)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.30	0.30 - 0.30	Erosion of natural deposits	No
Barium	ppm	2	2	0.16	0.16 - 0.16	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6.09	5.59 - 6.09	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	1.08	ND - 1.08	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.02	0.75 - 1.02	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.097	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	18	18
Alkalinity	ppm	N/A	113	113
pH	std	6.5 - 8.5	7.78	7.78
Chloride	ppm	250	5	5
Sulfate	ppm	250	7	7
Iron	ppb	300	294	294
Total Hardness	ppm	N/A	57	57
Total Dissolved Solids	ppm	500	142	142

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Medium	Medium	Medium	Very Low	Very Low	Very Low	Low

NS* indicates Not Susceptible

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South Shores (DE00A0404)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.10	0.10 - 0.10	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6.81	6.81 - 6.81	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	3.37	3.37 - 3.37	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.33	0.13 - 1.33	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1.30	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.160	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	10	10
Alkalinity	ppm	N/A	146	146
pH	std	6.5 - 8.5	7.83	7.83
Chloride	ppm	250	1	1
Sulfate	ppm	250	7	7
Total Hardness	ppm	N/A	69	69
Total Dissolved Solids	ppm	500	178	178
Manganese	ppb	50	20	20

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Very Low	Very Low	Low	NS	NS	NS	Low

NS indicates Not Susceptible*

South Wood Acres Pump District (DE0000613)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.2	0.2 - 0.2	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6.79	6.79 - 6.79	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	2.55	2.55 - 2.55	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.34	0.37 - 1.34	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.014	0	Corrosion of household plumbing	No

*2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	55	55
Alkalinity	ppm	N/A	87	87
pH	std	6.5 - 8.5	7.21	7.21
Chloride	ppm	250	7	7
Sulfate	ppm	250	13	13
Total Dissolved Solids	ppm	500	58	58

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Medium	Medium	Medium	Medium	Low	NS	NS	NS

NS indicates Not Susceptible*

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Summit Pond Pump District (DE0000140)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Barium*	ppm	2	2	0.1660	0.1660 - 0.1660	Erosion of natural deposits		No
Fluoride	ppm	2	2	0.20	0.20 - 0.20	Erosion of natural deposits		No
DISINFECTION BY-PRODUCTS								
Total Trihalomethanes	ppb	80	N/A	4.23	4.23 - 4.23	Byproduct of drinking water disinfection		No
Haloacetic Acids	ppb	60	N/A	1.18	1.18 - 1.18	Byproduct of drinking water disinfection		No
Chlorine	ppm	4.0	N/A	1.26	0.43 - 1.26	Drinking water treatment		No
RADIOLOGICAL								
Combined Radium 226/228	pCi/L	5	0	2.53	2.53 - 2.53	Erosion of natural deposits		No
VOLATILE ORGANIC CONTAMINANTS								
Xylenes	ppm	10	10	0.00129	0.00074 - 0.00129	Discharge from petroleum factories		No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead*	ppb	AL = 15	0	1.0	0	Corrosion of household plumbing		No
Copper*	ppm	AL = 1.3	1.3	0.125	0	Corrosion of household plumbing		No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	32	32
Alkalinity	ppm	N/A	107	107
pH	std	6.5 - 8.5	8.12	8.12
Chloride	ppm	250	5	5
Sulfate	ppm	250	5	5
Total Hardness	ppm	N/A	68	68
Total Dissolved Solids	ppm	500	110	110

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	Very Low

NS* indicates Not Susceptible

Teal Point (DE00A0321)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation	Yes/No
INORGANIC CHEMICALS								
Fluoride	ppm	2	2	0.1	ND - 0.1	Erosion of natural deposits		No
RADIOLOGICAL								
Radium 226/228*	pCi/L	5	0	1.16	1.16 - 1.16	Erosion of natural deposits		No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance	Yes/No
Lead	ppb	AL = 15	0	6.2	0	Corrosion of household plumbing		No
Copper	ppm	AL = 1.3	1.3	0.056	0	Corrosion of household plumbing		No

*2019 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	27	27
Alkalinity	ppm	N/A	30	30
pH	std	6.5 - 8.5	7.08	7.08
Chloride	ppm	250	8.0	7.0 - 12.0
Sulfate	ppm	250	18	16 - 19
Zinc	ppm	5	0.0202	0.0202
Total Dissolved Solids	ppm	500	90	90

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

During the past year we were required to conduct one Level 1 assessment. The Level 1 assessment was completed in September 2022. The corrective action was to begin injection chlorine as a form of disinfection.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Low	Low	Low	NS	NS	NS	NS

NS* indicates Not Susceptible

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The Meadows Pump District (DE0000271)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium**	ppm	2	2	0.07132	0.05407 - 0.07132	Erosion of natural deposits	No
Selenium**	ppb	50	50	0.68	0.68 - 0.68	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	6.3	3.0 - 6.3	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.27	4.15 - 4.27	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.01	0.60 - 1.01	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.033	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	40	30 - 50
Alkalinity	ppm	N/A	60	43 - 71
pH	std	6.5 - 8.5	7.55	7.31 - 7.7
Chloride	ppm	250	28	14 - 34
Sulfate	ppm	250	8	3.0 - 12.0
Total Hardness	ppm	N/A	21	11 - 29
Zinc**	ppm	5	0.001	ND - 0.0192
Total Dissolved Solids	ppm	500	171	132 - 192

*2021 Data **2020 Data

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 month of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	Medium	Very High	High	Medium	Medium	Medium	High

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Voshells Cove Pump District (DE0000125)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.10	0.10 - 0.10	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	9.23	9.23 - 9.23	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	5.53	5.53 - 5.53	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.75	0.83 - 1.75	Drinking water treatment	No
RADIOLOGICAL							
Combined Radium 226/228*	pCi/L	5	0	2.3	ND - 2.3	Erosion of natural deposits	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1.1	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.114	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	61	61
Alkalinity	ppm	N/A	154	154
pH	std	6.5 - 8.5	7.00	7.00
Chloride	ppm	250	9	9
Total Hardness	ppm	N/A	18	18
Total Dissolved Solids	ppm	500	186	186
Sulfate	ppm	250	3	3

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Exceeds	Low	Low	NS	NS	NS	NS

NS* indicates Not Susceptible

Webbs Landing Pump District (DE00A0369)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Nitrate	ppm	10	10	2.4	2.4 - 2.4	Runoff from fertilizer use	No
Barium	ppm	2	2	0.039	0.039 - 0.039	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.76	4.76 - 4.76	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.09	0.37 - 1.09	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.006	0	Corrosion of household plumbing	No

*2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	39	39
Alkalinity	ppm	N/A	63	63
pH	std	6.5 - 8.5	7.81	7.81
Chloride	ppm	250	12	12
Iron	ppb	300	130	130
Sulfate	ppm	250	6	6
Total Dissolved Solids	ppm	500	140	140
Total Hardness	ppm	N/A	8	8

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Low	Exceeds	Low	Low	NS	NS	NS	NS

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

West Dover Pump District (DE00A0684)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Arsenic	ppb	10	0	3.53	ND - 3.53	Erosion of natural deposits	No
Barium	ppm	2	2	0.067	ND - 0.067	Erosion of natural deposits	No
Selenium	ppb	50	50	1.04	ND - 1.04	Erosion of natural deposits	No
Nickel	ppb	100	100	15	15	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.80	0.80 - 0.80	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	57.5	49.8 - 57.5	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	24.3	20.4 - 24.3	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.66	0.52 - 1.66	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	3.6	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.0690	0	Corrosion of household plumbing	No

*2021 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	125	125
Alkalinity	ppm	N/A	300	300
pH	std	6.5 - 8.5	7.57	7.57
Chloride	ppm	250	8	8
Total Hardness	ppm	N/A	29	29
Total Dissolved Solids	ppm	500	350	350
Sulfate	ppm	250	3	3
Manganese	ppb	50	32	ND - 109

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	Medium	Very High	High	High	Medium	Exceed	Exceed

NS* indicates Not Susceptible

Wild Quail Pump District (DE00A0159)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Fluoride	ppm	2	2	0.60	ND - 0.6	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	5.8	ND - 5.8	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	36.04	13 - 37	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	23.32	5.0 - 21.0	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.05	0.33 - 1.05	Drinking water treatment	No

Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	1	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.058	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	117	91 - 142
Alkalinity	ppm	N/A	204	114 - 295
pH	std	6.5 - 8.5	7.25	7.08 - 7.42
Chloride	ppm	250	21	11 - 30
Sulfate	ppm	250	12	2 - 21
Total Hardness	ppm	N/A	6	ND - 12

Note: Nitrate in drinking water at levels above 10 ppm are a health risk for infants of less than 6 month of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	Very High	High	High	High	Low	Low	Low	Very High

NS* indicates Not Susceptible

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For definitions and abbreviations, please see page 6.

Willow Lake Pump District (DE00A0757)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium	ppm	2	2	0.0935	0.0935 - 0.0935	Erosion of natural deposits	No
Nitrate	ppm	10	10	2.8	2.8 - 2.8	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	7.44	7.44 - 7.44	Byproduct of drinking water disinfection	No
Haloacetic Acids	ppb	60	N/A	1.54	1.54 - 1.54	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.73	1.26 - 1.73	Drinking water treatment	No
RADIOLOGICALS							
Combined Radium 226/228	pCi/L	5.0	0	1.99	1.99 - 1.99	Erosion of natural deposits	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead	ppb	AL = 15	0	2	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.018	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	43	43
Alkalinity	ppm	N/A	79	79
pH	std	6.5 - 8.5	7.67	7.67
Chloride	ppm	250	13	13
Iron	ppb	300	310	310
Sulfate	ppm	250	3.0	3.0
Total Hardness	ppm	N/A	13	13
Total Dissolved Solids	ppm	500	140	140
Zinc	ppm	5	0.05	0.05

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	High	High	Low	High	Low	Low	Low

NS indicates Not Susceptible*

Woodlands of Millsboro Pump District (DE00A0279)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	3.89	3.89 - 3.89	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.61	1.10 - 1.61	Drinking water treatment	No
Parameter	Units	Action Level	MCLG	90th Percentile	# Sites Over AL	Major Sources in Drinking Water	AL Exceedance Yes/No
Lead*	ppb	AL = 15	0	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.020	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	45	45
Alkalinity	ppm	N/A	83	83
pH	std	6.5 - 8.5	7.78	7.78
Chloride	ppm	250	10	10
Total Dissolved Solids	ppm	500	52	52

SOURCE WATER ASSESSMENT - Overall Susceptibility Ratings

Contaminant Category	Nutrients	Pathogens	Petroleum Hydrocarbons	Pesticides	Other Organics	PCBs	Metals	Other Inorganics
Susceptibility (Low, Medium, High or NS*)	High	High	High	High	Medium	Low	Low	Medium

NS indicates Not Susceptible*

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Information About Lead in Your Drinking Water

The United States Environmental Protection Agency (EPA) and Tidewater Utilities, Inc. (Tidewater) are concerned about lead in public drinking water supplies. Although most homes have very low levels of lead in their drinking water, some homes in the community have lead levels above the EPA action level of 15 parts per billion (ppb) or 0.015 milligrams of lead per liter of water (mg/L). Under Federal law, all water utilities, including Tidewater, are required to have a program in place to minimize lead in drinking water. This program includes corrosion control treatment, source water treatment and public education.

Tidewater is also required to replace each lead service line that it controls if the line contributes to lead concentrations of 15 ppb or more after a comprehensive treatment program has been completed.

If you have any questions about how the requirements of the lead regulation are being carried out, please call us at (302) 734-7500 or (877) 720-9272. This insert explains the simple steps you can take to protect yourself and your family by reducing your exposure to lead in drinking water.

Learn About the Health Effects of Lead

Lead is a common metal found throughout the environment in:

- Lead-based paint
- Air
- Soil
- Household dust
- Food
- Certain types of pottery, porcelain and pewter
- Water

LEAD CAN POSE A SIGNIFICANT RISK TO YOUR HEALTH if too much of it enters your body. Lead builds up in the body over many years and can cause damage to the brain, red blood cells and kidneys.

THE GREATEST RISK IS TO YOUNG CHILDREN AND PREGNANT WOMEN – Amounts of lead that won't hurt adults can slow down normal mental and physical development of growing bodies.

In addition, a child at play often comes into contact with sources of lead contamination – like dirt and dust – that rarely affect an adult. It is important to wash children's hands and toys often and to try to make sure they only put food in their mouths.

Your family doctor or pediatrician can perform a blood test for lead and can provide you with information about the health effects of lead.

LEAD IN DRINKING WATER, although rarely the sole cause of lead poisoning, can significantly increase a person's total lead exposure, particularly the exposure of infants who drink baby formulas and concentrated juices that are mixed with water. The EPA estimates that lead in drinking water can make up 20 percent or more of a person's total exposure to lead. Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like rivers and lakes.

So, How Does Lead Get into Drinking Water?

LEAD ENTERS DRINKING WATER, primarily as a result of corrosion or wearing away of materials containing lead in the water distribution system and household plumbing. These materials include:

- Lead-based solder used to join copper pipe
- Brass and chrome-plated brass faucets
- In some cases, pipes made of lead that connect your house to the water main (service lines) (In 1986, Congress banned the use of lead solder containing greater than 0.2 percent lead and restricted the lead content of faucets, pipes and other plumbing materials to 8.0 percent.)

WHEN WATER STANDS IN LEAD PIPES or plumbing systems containing lead for several hours or more, the lead may dissolve into your drinking water. This means the first water drawn from the tap in the morning, or later in the afternoon after returning from work or school, can contain fairly high levels of lead.

YOU CAN TAKE STEPS IN THE HOME TO REDUCE EXPOSURE to lead in drinking water. Despite your local water supplier's best efforts mentioned earlier to control water corrosivity and remove lead from the water supply, lead levels in some homes or buildings can be high.

TO FIND OUT WHETHER YOU NEED TO TAKE ACTION in your home, have your drinking water tested to determine if it contains excessive concentrations of lead. Testing the water is essential because you cannot see, taste or smell lead in drinking water. A local laboratory can provide this service.

How to Reduce Exposure to Lead

IF A WATER TEST INDICATES that the drinking water drawn from a tap in your home contains lead above 15 ppb, then you should take the following precautions...

1 FLUSH YOUR TAP – Let the water run from the tap before using it for drinking or cooking any time the water in a faucet has gone unused for more than 6 hours. The longer water resides in your home's plumbing, the more lead it may contain.

Flushing the tap means running the cold water faucet until the water gets noticeably colder, usually about 15-30 seconds. If your house has a lead service line to the water main, you may have to flush the water for a longer time, perhaps one minute, before drinking. Although toilet flushing or showering flushes water through a portion of your home's plumbing system, you still need to flush the water in each faucet before using it for drinking or cooking.

OTHER THINGS YOU SHOULD KNOW ABOUT FLUSHING TAPS:

- **FLUSHING TAP WATER IS A SIMPLE AND INEXPENSIVE MEASURE** you can take to protect your family's health. It usually uses less than 1 or 2 gallons of water a day.
- **TO CONSERVE WATER**, fill a couple of bottles for drinking water after flushing the tap and whenever possible use the first flush water to wash the dishes or water the plants.
- **IF YOU LIVE IN A HIGH-RISE BUILDING**, letting the water flow before using it may not work to lessen your risk from lead. The plumbing systems have more and sometimes larger pipes than smaller buildings. Ask your landlord for help in locating the source of the lead and for advice on reducing the lead level.

2 TRY NOT TO COOK WITH OR DRINK WATER FROM THE HOT WATER TAP – Hot water can dissolve more lead more quickly than cold water. If you need hot water, draw water from the cold tap and heat it on the stove.

3 REMOVE LOOSE LEAD SOLDER AND DEBRIS from the plumbing materials installed in newly constructed homes or homes in which the plumbing has recently been replaced, by removing the faucet strainers from all taps and running the water from 3 to 5 minutes. Thereafter, periodically remove the strainers and flush out any debris that has accumulated over time.

4 CHECK YOUR PIPES if your copper pipes are joined with lead solder that has been installed illegally since it was banned in 1986, notify the plumber who did the work and request that he or she replace the lead solder with lead-free

solder. (Lead solder looks dull gray, and when scratched with a key, looks shiny.)

5 FIND OUT ABOUT SERVICE LINE – Determine whether or not the service line that connects your home or apartment to the water main is made of lead.

The best way to determine if your service line is made of lead is by either hiring a licensed plumber to inspect the line or by contacting the plumbing contractor who installed the line.

You can identify the plumbing contractor by checking the city's record of building permits. A licensed plumber can at the same time check to see if your home's plumbing contains lead solder, lead pipes or pipe fittings that contain lead. The public water system that delivers water to your home should also maintain records of materials located in the distribution system.

IF THE SERVICE THAT CONNECTS YOUR DWELLING TO THE WATER MAIN contributes more than 15 ppb to drinking water, after a comprehensive treatment program is in place, Tidewater is required to replace the line. If the line is only partially controlled by Tidewater, we are required to:

- Provide you with information on how to replace your portion of the service line.
- Offer to replace that portion of the line at your expense.
- Take a follow-up tap water sample within 14 days of the replacement. (Acceptable replacement alternatives include copper, steel, iron and plastic pipes.)

6 HAVE AN ELECTRICAL CHECK YOUR WIRING if grounding wires from the electrical system are attached to your pipes, corrosion may be greater. Check with a licensed electrician or your local electrical code to determine if your wiring can be grounded elsewhere. DO NOT attempt to change the wiring yourself because improper grounding can cause electrical shock and fire hazards.

THE 6 STEPS DESCRIBED PREVIOUSLY WILL REDUCE THE LEAD CONCENTRATIONS in your drinking water. However, if a water test indicates that the drinking water coming from your tap contains lead concentrations in excess of 15 ppb after flushing, or after Tidewater has completed its action to minimize lead levels, then you may want to take the following additional measures:

PURCHASE OR LEASE A HOME TREATMENT DEVICE – Home treatment devices are limited in that each unit treats only the water that flows from the faucet to which it is connected and all of the devices require periodic maintenance and replacement. Devices such as reverse osmosis systems or distillers can effectively remove lead from your drinking water. Some activated carbon filters may reduce lead levels at the tap; however, all lead reduction claims should be investigated. Be sure to check the actual performance of a specific home treatment device before and after installing the unit.

PURCHASE BOTTLED WATER for drinking and cooking.

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