TIDEWATER UTILITIES, INC.

A Middlesex Water Company Affiliate

ANNUAL WATER QUALITY REPORT

Celebrating More Than 55 Years of Quality Service

2021

This document is a report on water quality for communities served by Tidewater Utilities, Inc. during the year 2021, 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 2021.

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.

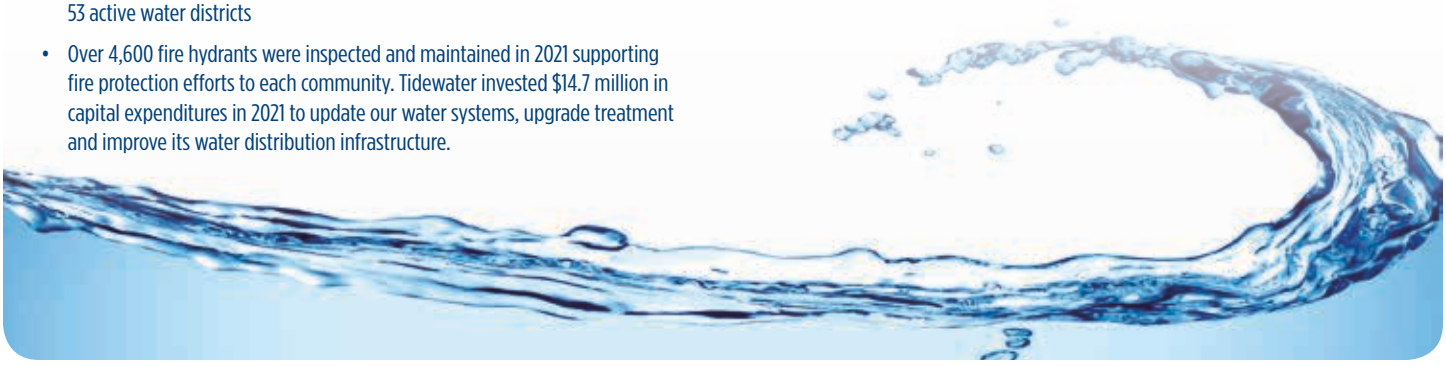
We invite you to become involved in decisions affecting your drinking water by sharing your comments and concerns. Please call or write: Mr. Bruce O'Connor, President, Tidewater Utilities, Inc., 1100 South Little Creek Road, Dover, DE 19901. (877) 720-9272. Thank you for allowing us the opportunity to 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 450 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 2021 accomplishments are shared below:

- Tidewater Utilities delivered 2.7 billion gallons of water through its 87 production plants with 176 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 859 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 4,600 fire hydrants were inspected and maintained in 2021 supporting fire protection efforts to each community. Tidewater invested $14.7 million in capital expenditures in 2021 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 2021, water quality staff collected over 3,900 water samples which were lab tested.

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

- Late Spring 2022 US Postal Service mail notifications by HydroCorp to our customers with instructions, responsibilities and a FAQ list.
- 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** or **HydroCorpInc.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 2021. 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.

Tidewater Utilities, Inc. 2021 Water Quality Report Index

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

Tidewater Utilities, Inc. 2021 Water Quality Report Index

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
Broadkiln	DE0000238	Broadkiln	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
Estates of Fairway Village	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Estates at Sea Chase	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Estates of Verona Woods	DE0000004	Garrison's Lake	Cheswold/Piney Point	25

Tidewater Utilities, Inc. 2021 Water Quality Report Index

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
Estates of Wild Quail	DE00A0159	Wild Quail	Piney Point/Columbia	39
Fairview Farms	DE00A0347	North West	Magothy/Potomac	31
Fairway Village	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Fairway Villas	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Felton District	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Ferris Courtyard	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Fieldstone	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
First Tenth	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Fisherman's Village	DE0000309	Fisherman's Village	Cheswold	22
Five Points Square	DE0000991	Rehoboth/Lewis	Columbia/Manokin	33
Forest Landing	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Forest Reach	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Fork Landing West	DE0020007	Frederica	Frederica	23
Forest Grove	DE0000960	Forrest Grove	Cheswold	23
Forty Nine Pines	DE00A0684	West Dover	Cheswold/Piney Point/Columbia	39
Fox Hollow	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Frederick Lodge	DE0000007	Frederick Lodge	Rancocas Group	24
Gander Woods	DE00A0770	Gander Woods	Columbia	24
Garrison's Lake	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Garrison's Lake Farms	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Garrison's Lake PPG Tank	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Gateway South	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Generals Greene	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Generals Greene Apts.	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Generals Greene District	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Glen at Dove Knoll	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Gooches Trailer Park	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Gosling Creek	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Governors	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Grand Oaks (aka Oak Ridge)	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Grant's Way	DE00A0522	Grant's Way	Columbia/Manokin	25
Green Acres	DE00A0327	Green Acres	Chesapeake	26
Greene Hill Farm Estates	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Greystone Manor	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Gruwell Farms	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Gull Point	DE0000271	The Meadows	Columbia/Pocomoke	37
H & D Townhouses	DE0000221	Bethany Bay	Columbia/Pocomok/Manokin	15
Hailey's Glen	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Harbour Town Apts.	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Harmon Bay (Villas at Harmon)	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Harmony at Kent	DE0000123	Camden	Cheswold/Columbia/Federalsburg	17
Harmony Hills	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Hart's Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Hawkseye	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Hazel Farms	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Headwater Cove	DE0000248	Angola	Columbia	14
Henlopen Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Heritage Trace	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Heritage Village	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Hickory Dale West	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Hickory Ridge	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Hidden Brook	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
High Hook Farms	DE00A0334	East NCC	Mount Laurel	22
Hillside Acres	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Holiday Pines	DE0000271	The Meadows	Colombia/Pocomoke	37
Hudson Trails	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Hunters Mill Estates	DE0000220	Hunters Mill Estates	Columbia	26
Hunters Pointe	DE0000104	Hunters Pointe	Cheswold	27
Hunters Run	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Hunters Walk	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Indian River Acres	DE0000227	Indian River Acres	Columbia	27
Inlet at Pine Grove	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
John Burton Manor	DE0000271	The Meadows	Columbia/Pocomoke	37
Jonathan's Landing	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Kensington Park	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Kentwood MHE	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Keys of Marsh Harbour	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Kindleton	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Kings Creek	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33

Tidewater Utilities, Inc. 2021 Water Quality Report Index

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
Kinsale Glen	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Knots Landing	DE0000949	Bridgeville	Frederica	16
Kyrie Estates	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Lakeland	DE0000546	Lakeland/Beechwood	Piney Point/Cheswold/Columbia	28
Lakeshore Glen	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Lakeshore Village	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Lands of TBD	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Laurel	DE00A0575	Laurel	Chesapeake Group/Manokin	29
Lea Eara Farms	DE00A0347	North West	Magothy/Potomac	31
Lewes Auto Mall	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Lewes Crossing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Lewes Crest	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Lewes District	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Lingo Creek Apartments	DE0000271	The Meadows	Columbia/Pocomoke	37
Lingo Estates	DE0000271	The Meadows	Columbia/Pocomoke	37
Lingo Office Building	DE0000271	The Meadows	Columbia/Pocomoke	37
Lochwood	DE0000248	Angola	Columbia	14
Loganberry Village	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Long Farm	DE00A0411	Long Farm	Cheswold	29
Long Neck Apartments	DE0000271	The Meadows	Columbia/Pocomoke	37
Long Neck Shores	DE0000271	The Meadows	Columbia/Pocomoke	37
Long Acre Village	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Lord Baltimore Landing	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Love Creek Elementary School	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Love Creek Woods	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Lovett's Reserve	DE0000248	Angola	Columbia	14
Mallard Creek	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Mallard Point	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Mapleview	DE00A0334	East NCC	Mount Laurel	22
Maplewood	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Marina at Pepper Creek	DE0020021	Pepper Creek	Columbia/Pocomoke	31
Maritima	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Marsh Farm Estates	DE0000248	Angola	Columbia/Manokin	14
Marsh Island	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
McKinney's Grove	DE0000991	Rehoboth/Lewes	Columiba/Manokin	33
McNicol Place	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Meadows at Cubbage Pond	DE00A0212	Meadows at Cubbage Pond	Columbia/Milford	30
Meadows District	DE0000271	The Meadows	Columbia/Pocomoke	37
Middle Creek Preserve	DE0000248	Angola	Columbia	14
Midway Estates	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Mifflin Meadows	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Mill Pond Acres	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Mill Run Acres	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Mills Chase	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Mills Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Millville by the Sea	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Millville District	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Millville Town Center	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Misty Pines	DE00A0420	Misty Pines	Frederica	30
Misty Vale	DE00A0334	East NCC	Mount Laurel	22
Moore's Meadows	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Morning Side Village	DE0000949	Bridgeville	Frederica	16
Morning View	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Mt. Vernon Estates	DE00A0401	Viola	Piney Point/Cheswold	37
Murray's Haven	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Nassau Grove	DE0000991	Rehoboth/Lewes	Columbia/Pocomoke	33
Nassau Station	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Nautical Cove	DE00A0347	North West	Magothy/Potomac	31
New Covenant Presb Church	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
North Dover District	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Northridge	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Nutter's Grant	DE0000155	Bridgeville Mall	Columbia Gp-Manokin/Columbia Gp-Pocomoke	16
Oak Creek Subdivision (Sawgrass)	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Oak Crest Farms	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Oak Crest Pond	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Oak Meadows	DE0000271	The Meadows	Columbia/Pocomoke	37
Oak Orchard Proper/River Rd.	DE0000271	The Meadows	Columbia/Pocomoke	37
Oak Orchard West	DE0000271	The Meadows	Columbia/Pocomoke	37
Oakwood Village	DE0000248	Angola	Columbia	14

Tidewater Utilities, Inc. 2021 Water Quality Report Index

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
Ocean Farms	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Ocean Meadows	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Ocean One	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Ocean Sands	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Ocean View Beach Club	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Ocean View Center	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Ocean View District	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Ocean Way Estates	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Odessa Chase	DE00A0376	South East	Mount Laurel	34
Old Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Old Mill Acres	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Old Towne Office Park	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Orchard Manor/Vera Lane	DE0000271	The Meadows	Columbia/Pocomoke	37
Orchards	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Osprey Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Osprey Point	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Outer Banks	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Oyster Cove	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Oyster Rock	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Palmer Park	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Parker's Run	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Parkside	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Paynter's Mill	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Peninsula Lakes	DE0000271	The Meadows	Columbia/Pocomoke	37
Peninsula	DE0000271	The Meadows	Columbia/Pocomoke	37
Peninsula Nursing Center	DE0000271	The Meadows	Columbia/Pocomoke	37
Pinehurst Village	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Pines of Long Neck	DE0000271	The Meadows	Columbia/Pocomoke	37
Piney Glade	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Plantations	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Plantations East	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Plantations Medical & Professional Center	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Planter's Run	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Planter's Woods	DE00A0684	West Dover	Cheswold/Piney Point/Columbia	39
Pleasant Hill Farms	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Plymouth Place	DE00A0401	Viola	Piney Point/Cheswold	37
Point Farm	DE00A0379	Point Farm	Manokin	32
Polytech High School	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Ponds of Willow Grove	DE0020022	Ponds of Willow Grove	Piney Point	32
Preserves at Iron's Landing	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Preserves at Jefferson Creek	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Preserves at Ocean View	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Prime Hook	DE0000238	Broadkiln	Columbia	17
Providence	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Quaint Acres	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Red Mill Pond	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Redden Ridge	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Rehoboth Beach District	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Rehoboth Beach Y&CC	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Rehoboth Mall	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Reserves	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Reserves at Lewes Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Reserves of Nassau	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Residence at Rehoboth Bay	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Richfield Acres	DE0000248	Angola	Columbia	14
Ridings at Rehoboth	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Ritter Manor	DE0000271	The Meadows	Columbia/Pocomoke	37
River Breeze	DE0000271	The Meadows	Columbia/Pocomoke	37
River Village	DE0000271	The Meadows	Columbia/Pocomoke	37
Riverdale	DE0000271	The Meadows	Columbia/Pocomoke	37
Riverwalk Hotel	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Roesville Estates	DE0020007	Frederica	Frederica	23
Rolling Meadows	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Royal Grant	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Saddle Ridge	DE00A0334	East NCC	Mount Laurel	22
Saddle Ridge	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sandbar Village at Nassau Bridge	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sandpiper Plaza	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sandy Hill	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17

Tidewater Utilities, Inc. 2021 Water Quality Report Index

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
Sandy Ridge MHP	DE00A0699	Sandy Ridge	Middle Choptank	33
Satterfield	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Savannah East	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Savannah Point	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Savannah West	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sea Chase	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sea Colony (Southern Shores)	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Sea Winds	DE00A0516	Sea Winds	Columbia/Manokin	34
Sea Wood	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Seabright Village	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Seabrook	DE0000271	The Meadows	Columbia/Pocomoke	37
Seabrook Village	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Seafarers Village	DE0000271	The Meadows	Columbia/Pocomoke	37
Seagrass Plantations	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Seagrove (Harlton)	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Seasons	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Senators	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Shannon Cove	DE00A0334	East NCC	Mount Laurel	22
Sheffield Farms	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Shell Pointe	DE0000271	The Meadows	Columbia/Pocomoke	37
Sherwood Forest/Sherwood Forest North	DE0000271	The Meadows	Columbia/Pocomoke	37
Shoppes at St. Georges	DE00A0334	East NCC	Mount Laurel	22
Silver Maple Farms	DE00A0334	East NCC	Mount Laurel	22
Silver Woods	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Smithfield	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Solitudes on White Creek	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Somerset Green	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
South Shores	DE00A0404	South Shores	Frederica	35
South Wood Acres	DE0000613	South Wood Acres	Frederica/Chesapeake	35
Southampton	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Southern Landing	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
St. Jones Landing	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
St. Jude the Apostle Church	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Stable Farms	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Star Hill	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
State Road	DE0000271	The Meadows	Columbia/Pocomoke	37
Sterling Crossing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Stone Ridge	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Stonegate	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Stonington	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Strafford Village	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Sugar Loaf Farms	DE00A0334	East NCC	Mount Laurel	22
Summercrest	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Summerfield	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Summerlyn	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Summerset	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Summit Bridge Farms	DE00A0347	North West	Magothy/Potomac	31
Summit Pointe	DE00A0347	North West	Magothy/Potomac	31
Summit Pond	DE0000140	Summit Pond	Magothy	36
Sunset Glen	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sussex Consortium School	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sussex County Medic 104/ EMS 100	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sunny Dell	DE00A0347	North West	Magothy/Potomac	31
Sussex East	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sussex West	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Sweet Briar MHP MHC	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Tamarac	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Tanager Woods	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Taormina Square	DE0000271	The Meadows	Columbia/Pocomoke	37
Taramino	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Teal Point	DE00A0321	Teal Point	Columbia/Manokin	36
Tenely Court	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
The Estuary	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
The Farm at Truitt Homestead	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
The Glade	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
The Greens of Indian River	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
The Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
The Meadows	DE0000271	The Meadows	Columbia/Pocomoke	37
The Meadows - District	DE0000271	The Meadows	Columbia/Pocomoke	37
The Meadows – Ocean View	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15

Tidewater Utilities, Inc. 2021 Water Quality Report Index

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
The Orchard	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
The Retreat	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Tidalwalk	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Tidewater Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Timber Acres	DE0000271	The Meadows	Columbia/Pocomoke	37
Town of Ocean View	DE0000221	Bethany Bay	Columbia/Pocomoke/Manokin	15
Tradewinds Estates	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Traybern	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Troopers Assoc.	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Tru Vale Acres	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Vandergrift Manor	DE00A0334	East NCC	Mount Laurel	22
Vanessa MHP	DE0000124	Camden	Cheswold/Columbia/Federalsburg	17
Victoria Meadows	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Victoria's Landing	DE0000271	The Meadows	Columbia/Pocomoke	37
Village at Herring Creek	DE0000248	Angola	Columbia	14
Village of Eastridge	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Village of Noble's Pond	DE0000004	Garrison's Lake	Cheswold/Piney Point	25
Village of Wild Quail	DE00A0159	Wild Quail	Piney Point/Columbia	39
Villages of Five Points	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Villages of Old Landing	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
Villas at Harmon Bay	DE0000991	Rehoboth/Lewes	Columbia/Manokin	33
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

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	6.5	0.8 - 6.5	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.1	ND - 0.1	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	1.24	0.74 - 1.24	Drinking water treatment	No
RADIOLOGICAL							
Combined Radium 226/228**	pCi/L	5	0	1.18	1.18 - 1.18	Erosion of natural deposits	No
VOLATILE ORGANIC CHEMICALS							
Methyl tert-Butyl Ether	ppb	10	10	0.57	ND - 0.57	Leaching from gas storage tanks	No
SYNTHETIC ORGANIC CHEMICALS							
2,4-D	ppb	70	70	0.10	ND - 0.10	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	1.3	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	45	30 - 55
Alkalinity	ppm	N/A	65	46 - 74
pH	std	6.5 - 8.5	7.87	7.15 - 8.38
Chloride	ppm	250	29	10 - 34
Sulfate	ppm	250	4	3 - 12
Total Hardness	ppm	N/A	15	ND – 23
Total Dissolved Solids	ppm	500	207	118 - 262
Manganese	ppb	50	5	ND - 10

*2019 Data **2016 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*)	High	High	High	High	Medium	Low	Medium	High

NS indicates Not Susceptible*

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	5.9	ND – 5.9	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.2	ND - 0.2	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6.5	ND – 6.5	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.33	0.67-1.33	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	3.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.026	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	66	58 - 74
Alkalinity	ppm	N/A	83	71 - 95
pH	std	6.5 - 8.5	7.14	7.12 - 7.16
Chloride	ppm	250	18.5	18 - 19
Sulfate	ppm	250	5	3 - 6
Total Dissolved Solids	ppm	500	193	164 - 222

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*

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
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	50	4.67 - 71.24	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	28	ND - 53.27	Byproduct of drinking water disinfection	No
Free Chlorine	ppm	4.0	N/A	1.51	0.81 - 1.51	Drinking water treatment	No
Total Chlorine	ppm	4.0	N/A	1.67	1.11 - 1.67	Drinking water treatment	No
RADIOLOGICAL							
Combined Radium 226/228**	pCi/L	5	0	1.8	1.54 – 1.80	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	5.6	2	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.130	0	Corrosion of household plumbing	No

* 2020 Data **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	46	30 - 63
Alkalinity	ppm	N/A	94	52 - 141
pH	std	6.5 - 8.5	7.61	6.70 - 8.28
Chloride	ppm	250	33	17 - 78
Sulfate	ppm	250	2	ND - 3
Total Hardness	ppm	N/A	44	11 - 107
Total Dissolved Solids	ppm	499	228	134 - 320
Iron	ppb	300	29	ND - 145

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	2.0	2.0 - 2.0	Runoff from fertilizer use	No
Barium*	ppm	2.0	2	0.089	0.089 - 0.089	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	6.4	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.216	0	Corrosion of household plumbing	No

*2020 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	10	10
Alkalinity	ppm	N/A	15	15
pH	std	6.5 - 8.5	5.67	5.67
Chloride	ppm	250	10	10
Total Hardness	ppm	N/A	11	11
Total Dissolved Solids	ppm	500	1.0	1.0
Sulfate	ppm	250	10	10

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 February 2021. No corrective actions were required from the Level 1 assessment.

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*)	High	High	High	High	Low	Low	Low	Low

NS indicates Not Susceptible*

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
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	38.2	37.5 - 38.2	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	17	15 - 17	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.07	0.55 - 2.07	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	0.0130	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	111	111
Alkalinity	ppm	N/A	221	221
pH	std	6.5 - 8.5	8.21	8.21
Chloride	ppm	250	19	19
Sulfate	ppm	250	1	1
Total Hardness	ppm	N/A	27	27
Total Dissolved Solids	ppm	500	372	372

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	0.109	0.109 – 0.109	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	5.6	5.6 - 5.6	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	3.14	3.14 – 3.14	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.63	1.02 - 1.63	Drinking water treatment	No
RADIOLOGICAL							
Combined Radium 226/228**	pCi/L	5	0	1.62	1.62 - 1.62	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	ND	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.104	0	Corrosion of household plumbing	No

*2019 Data **2016 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	48	48
Alkalinity	ppm	N/A	76	76
pH	std	6.5 - 8.5	8.18	8.18
Chloride	ppm	250	13	13
Total Hardness	ppm	N/A	13	13
Total Dissolved Solids	ppm	500	160	160

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 acitivity. 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*

Broadkiln 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	0.098	0.098 - 0.098	Erosion of natural deposits	No
Selenium**	ppb	50	50	0.6	0.6 - 0.6	Erosion of natural deposits	No
Nitrate	ppm	10	10	1.5	1.5 - 1.5	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	1.2	0.51 - 1.2	Drinking water treatment	No
Chlorine	ppm	4.0	N/A	1.57	0.35 - 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 **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	36	36
Alkalinity	ppm	N/A	42	42
pH	std	6.5 - 8.5	6.00	6.00
Chloride	ppm	250	27	27
Sulfate	ppm	250	4	4
Total Hardness	ppm	N/A	10	10
Total Dissolved Solids	ppm	500	112	112

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
RADIOLOGICAL							
Radium 226/228*	pCi/L	5	0	2.06	2.06 – 2.06	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	26	10.2 - 36.7	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	15	7 - 19.3	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.28	0.96 - 1.28	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

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	43	11 - 86
Alkalinity	ppm	N/A	138	121 - 162
pH	std	6.5 - 8.5	7.92	7.64 - 8.08
Chloride	ppm	250	6	5.0 - 7.0
Sulfate	ppm	250	2.0	ND - 4
Total Hardness	ppm	N/A	50	ND - 108
Total Dissolved Solids	ppm	500	183	164 - 200
Manganese	ppb	50	7	ND - 14

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*

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
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	15.33	15.33 – 15.33	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	7.7	7.7 – 7.7	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.74	1.23 - 1.74	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	0.0130	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	18	18
Alkalinity	ppm	N/A	152	152
pH	std	6.5 - 8.5	8.02	8.02
Chloride	ppm	250	6.0	6.0
Sulfate	ppm	250	1	1
Total Dissolved Solids	ppm	500	206	206
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	ppm	10	10	2.8	ND - 2.8	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.30	ND - 0.30	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	2.4	1.1 - 2.4	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.10	0.08 - 2.10	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	72.5	72 - 73
Alkalinity	ppm	N/A	129	69 - 188
pH	std	6.5 - 8.5	7.44	7.11 - 7.77
Chloride	ppm	250	55	32 - 70
Sulfate	ppm	250	0.2	ND - 2
Iron	ppb	300	60	ND - 120
Total Hardness	ppm	N/A	20	ND - 39
Total Dissolved Solids	ppm	500	250	210 - 290

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*

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	2.79	2.79 – 2.79	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	31	24 - 37	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	19.3	14 - 25	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.21	0.26 - 1.21	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	0.027	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	147	147
Alkalinity	ppm	N/A	276	276
pH	std	6.5 - 8.5	8.19	8.19
Chloride	ppm	250	9	9
Sulfate	ppm	250	1	1
Total Hardness	ppm	N/A	27	27
Total Dissolved Solids	ppm	500	344	344

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	6.7	ND - 6.7	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.2	ND - 0.2	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	6.5	6.5 - 6.5	Byproduct of drinking water disinfection	No
Haloacetic Acids	ppb	60	N/A	1.2	1.2 - 1.2	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.74	0.97 - 1.74	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	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.014	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	65	47 - 83
Alkalinity	ppm	N/A	43.5	43 - 44
pH	std	6.5 - 8.5	6.94	6.65 - 7.33
Chloride	ppm	250	62	45 - 78
Total Hardness	ppm	N/A	13	8.0 - 18
Total Dissolved Solids	ppm	500	182	168 - 192

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.

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.

During the past year one Level 2 assessments was required to be completed for our water system. One Level 2 assessment was completed in June 2021. In addition, we were required to take one corrective action and we completed that corrective action. Chlorination for disinfection purposes was added to this system in July 2021.

A Level 2 assessment is a very detailed study of the water system to identify potentila problems and determine (if possible) why total coliform bacteria have been found in our water system on multiple occasions.

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*

Country Grove (DE0020020)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Barium**	ppm	2	2	0.131	0.131 - 0.131	Erosion of natural deposits	No
Nitrate	ppm	10	10	2.5	0.3 - 2.5	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.2	ND - 0.2	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes**	ppb	80	N/A	4.57	4.57 - 4.57	Byproduct of drinking water disinfection	No
Haloacetic Acids**	ppb	60	N/A	1.43	1.43 - 1.43	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.68	1.20 - 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	0.0079	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	40	40
Alkalinity	ppm	N/A	38	38
pH	std	6.5 - 8.5	7.06	7.06
Chloride	ppm	250	34	26 - 40
Sulfate	ppm	250	0.1	ND - 1
Total Dissolved Solids	ppm	500	106	106
Manganese**	ppb	50	27	27

* 2020 Data **2019 Data

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	0.20	0.20 - 0.20	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	15.8	15.8 - 15.8	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	10.1	10.1 - 10.1	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.39	0.30 - 1.39	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	1.3	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.058	0	Corrosion of household plumbing	No

*2019 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	75	75
Alkalinity	ppm	N/A	114	114
pH	std	6.5 - 8.5	7.4	7.4
Chloride	ppm	250	8	8
Sulfate	ppm	250	10	10
Total Dissolved Solids	ppm	500	228	228

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*

Dover Air Force Base (DE0000579)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Beryllium**	ppb	4	4	0.83	0.83 - 0.83	Discharge from metal refineries	No
Fluoride	ppm	2	2	1.1	0.6 - 1.1	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	41.3	34.8 - 41.3	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	13.9	10.6 - 13.9	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.17	0.51 - 1.17	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

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	13	13
Alkalinity	ppm	N/A	151	151
pH	std	6.5 - 8.5	7.78	7.78
Chloride	ppm	250	8.4	7.1 - 9.4
Sulfate	ppm	250	2.0	1.8 - 2.4
Total Hardness	ppm	N/A	104	104
Total Dissolved Solids	ppm	500	230	230
Manganese**	ppb	50	18	18

*2020 Data **2019 Data

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	0.30 - 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
Haloacetic Acids*	ppb	60	N/A	1.02	1.02 – 1.02	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.74	0.68 - 1.74	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

* 2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	57	57
Alkalinity	ppm	N/A	96	96
pH	std	6.5 - 8.5	7.04	7.04
Chloride	ppm	250	6	6
Sulfate	ppm	250	20	20
Total Dissolved Solids	ppm	500	206	206

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*

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	0.20	0.10 -0.20	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.2	2.2 - 4.2	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	1.0	ND - 1.0	Byproduct of drinking water disinfection	
Chlorine	ppm	4.0	N/A	1.10	0.82 - 1.10	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	24	5 - 43
Alkalinity	ppm	N/A	99	83 - 114
pH	std	6.5 - 8.5	7.15	6.8 - 7.5
Chloride	ppm	250	5.0	4 - 6
Sulfate	ppm	250	5.2	5 - 5.4
Iron	ppb	300	185	ND - 370
Total Hardness	ppm	N/A	57	ND - 113
Total Dissolved Solids	ppm	500	150	144 - 156

*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							
Nickel*	ppb	100	100	1.4	1.4 - 1.4	Occurs naturally in soil	No
Selenium*	ppb	50	50	1.8	1.8 - 1.8	Erosion of natural deposits	No
Chromium*	ppb	100	100	1.0	1.0 - 1.0	Erosion of natural deposits	No
Barium*	ppm	2	2	0.0017	0.00170 - 0.00170	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	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	1.39	0.47 - 1.39	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

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	40	40
Alkalinity	ppm	N/A	131	131
pH	std	6.5 - 8.5	7.41	7.41
Chloride	ppm	250	119	119
Sulfate	ppm	250	16	16
Iron	ppb	300	120	120
Total Hardness	ppm	N/A	130	130
Total Dissolved Solids	ppm	500	470	470
Manganese *	ppb	50	76	76

*2017 Data **2019 Data ***2020 Data

No Source Water Assessment exists for this system.

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	12.4	12.4 - 12.4	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	7.4	7.4 - 7.4	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.43	0.48 - 1.43	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	1.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.036	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	109	109
Alkalinity	ppm	N/A	185	185
pH	std	6.5 - 8.5	7.56	7.56
Chloride	ppm	250	9	9
Total Dissolved Solids	ppm	500	262	262

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	27.9	27.9 - 27.9	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	19.2	19.2 - 19.2	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.09	0.74 - 2.09	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	0.03	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	28	28
Alkalinity	ppm	N/A	191	191
pH	std	6.5 - 8.5	8.11	8.11
Chloride	ppm	250	9	9
Sulfate	ppm	250	1	1
Total Hardness	ppm	N/A	65	65
Total Dissolved Solids	ppm	500	280	280

No Source Water Assessment exists for this system.

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	0.10	0.10 – 0.10	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes**	ppb	80	N/A	3.31	3.31 – 3.31	Byproduct of drinking water disinfection	No
Total Haloacetic Acids**	ppb	60	N/A	2.50	2.50 – 2.50	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.86	0.85 - 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	4	0	Corrosion of household plumbing	No
Copper**	ppm	AL = 1.3	1.3	0.27	0	Corrosion of household plumbing	No

*2020 Data **2019

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	75	75
Alkalinity	ppm	N/A	134	134
Chloride	ppm	250	4	4
Sulfate	ppm	250	5	5
Total Dissolved Solids	ppm	500	220	220

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	4.7	ND - 4.7	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.2	ND - 0.2	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	2.3	2.3 - 2.3	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.69	0.72 - 1.69	Drinking water treatment	No
VOLATILE ORGANIC CHEMICALS							
Methyl tert Butyl Ether	ppb	10	10	3.70	1.9 - 3.7	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

* 2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	59	59
Alkalinity	ppm	N/A	74	74
pH	std	6.5 - 8.5	7.23	7.23
Chloride	ppm	250	49	42 - 52
Total Hardness	ppm	N/A	13	13
Total Dissolved Solids	ppm	500	196	196

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*

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	1.55	1.55 - 1.55	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.40	ND - 0.40	Erosion of natural deposits	No
Nitrate (Note)	ppm	10	10	5.8	ND - 5.8	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.1	ND - 0.10	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	13	0.51 - 12.0	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	5.0	ND - 5.21	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.39	1.01 - 1.39	Drinking water treatment	No
RADIOLOGICAL							
Combined Radium 226/228*	pCi/L	5	0	1.07	1.07 - 1.07	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	ND	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.090	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	42	29 - 67
Alkalinity	ppm	N/A	88	61 - 101
pH	std	6.5 - 8.5	7.46	6.97 - 7.93
Chloride	ppm	250	31	6.0 - 41
Sulfate	ppm	250	28	4.0 - 36
Total Hardness	ppm	N/A	25	ND - 40
Total Dissolved Solids	ppm	500	179	142 - 226

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	4.5	4.5 - 4.5	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes**	ppb	80	N/A	2.11	2.11 - 2.11	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.45	0.70 - 1.45	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

*2020 Data **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	31	31
Alkalinity	ppm	N/A	44	44
pH	std	6.5 - 8.5	6.15	6.15
Chloride	ppm	250	13	13
Total Hardness	ppm	N/A	6	6
Total Dissolved Solids	ppm	500	92	92

*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	Medium	Medium	Medium	Exceed	Very Low	Exceed	Medium

NS indicates Not Susceptible*

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	1.78	0.43 - 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	ND	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.007	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	95	95
Alkalinity	ppm	N/A	220	220
pH	std	6.5 - 8.5	8.15	8.15
Chloride	ppm	250	18	18
Sulfate	ppm	250	4	4
Total Hardness	ppm	N/A	34	34
Total Dissolved Solids	ppm	500	296	296

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 (Note)	ppm	10	10	5.4	5.4 - 5.4	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes**	ppb	80	N/A	7.35	7.35 - 7.35	Byproduct of drinking water disinfection	No
Haloacetic Acids**	ppb	60	N/A	1.05	1.05 - 1.05	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.84	0.51 - 1.84	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

*2020 Data **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	35	35
Alkalinity	ppm	N/A	55	55
pH	std	6.5 - 8.5	7.89	7.89
Chloride	ppm	250	18	18
Sulfate	ppm	250	19	19
Total Hardness	ppm	N/A	26	26
Total Dissolved Solids	ppm	500	174	174

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*)	Medium	Medium	Medium	Medium	Very Low	Very Low	Very Low	Very Low

NS indicates Not Susceptible*

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	38.3	38.3 - 38.3	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	15.4	15.4 - 15.4	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.32	0.79 - 1.32	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	1.5	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.013	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	30	30 - 30
Alkalinity	ppm	N/A	129	124 - 133
pH	std	6.5 - 8.5	7.75	7.46 - 8.04
Chloride	ppm	250	6	6 - 6
Sulfate	ppm	250	3	3 - 3
Total Hardness	ppm	N/A	63	69 - 57
Total Dissolved Solids	ppm	500	203	200 - 206

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	5.4	5.4 - 5.4	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	13.5	13.5 - 13.5	Byproduct of drinking water disinfection	No
Haloacetic Acids*	ppb	60	N/A	1.86	1.86 - 1.86	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.09	0.87 - 2.09	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	1.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.027	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	35	35
Alkalinity	ppm	N/A	51	51
pH	std	6.5 - 8.5	6.96	6.96
Chloride	ppm	250	15	15
Sulfate	ppm	250	4	4
Total Hardness	ppm	N/A	14	14
Total Dissolved Solids	ppm	500	436	436

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*

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	0.10	0.10 - 0.10	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	11.1	11.1 - 11.1	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	4.78	4.78 - 4.78	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.35	0.78 - 1.35	Drinking water treatment	No
VOLATILE ORGANIC CONTAMINANTS							
Xylenes	ppm	10	10	0.00093	ND - 0.00093	Discharge from chemical 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	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.030	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	65	65
Alkalinity	ppm	N/A	97	97
pH	std	6.5 - 8.5	7.23	7.23
Chloride	ppm	250	7	7
Sulfate	ppm	250	13	13
Total Dissolved Solids	ppm	500	172	172

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	3.79	ND - 3.79	Erosion of natural deposits	No
Barium*	ppm	2	2	0.061	ND - 0.061	Erosion of natural deposits	No
Selenium*	ppb	50	50	1.03	ND - 1.03	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	39.8	16.1 - 39.8	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	14.6	8.0 - 14.6	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.15	0.35 - 2.15	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

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	133	133
Alkalinity	ppm	N/A	260	260
pH	std	6.5 - 8.5	8.21	8.21
Chloride	ppm	250	8	8
Total Hardness	ppm	N/A	25	25
Total Dissolved Solids	ppm	500	294	294
Sulfate	ppm	249	3	3
Manganese*	ppb	50	29	ND - 83

*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*)	Very High	Medium	Very High	High	High	Medium	Exceed	Exceed

NS indicates Not Susceptible*

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	0.393	0.393 - 0.393	Erosion of natural deposits	No
Nitrate	ppm	10	10	2.6	ND - 2.6	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.1	ND - 0.1	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes**	ppb	80	N/A	8.09	8.09 - 8.09	Byproduct of drinking water disinfection	No
Haloacetic Acids**	ppb	60	N/A	2.01	2.01 - 2.01	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.77	0.68 - 1.77	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 **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	51.7	24	24
Alkalinity	ppm	35.8	37	37
pH	std	7.49	7.33	7.33
Chloride	ppm	53.4	51	47 - 55
Total Hardness	ppm	N/A	26	26
Total Dissolved Solids	ppm	131	118	118
Manganese**	ppb	50	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*)	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	2.43	2.43 - 2.43	Erosion of natural deposits	No
Fluoride	ppm	2	2	1.2	1.2 - 1.2	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	1.10	0.32 - 1.10	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	2.0	0	Corrosion of household plumbing	No
Copper**	ppm	AL = 1.3	1.3	0.025	0	Corrosion of household plumbing	No

*2020 Data **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	161	161
Alkalinity	ppm	N/A	296	296
pH	std	6.5 - 8.5	7.86	7.86
Chloride	ppm	250	10	10
Total Hardness	ppm	N/A	26	26
Total Dissolved Solids	ppm	500	460	460

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*

Meadows at Cubbage 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	0.101	0.101 - 0.101	Erosion of natural deposits	No
Fluoride	ppm	2	2	0.10	ND- 0.10	Erosion of natural deposits	No
Nitrate	ppm	10	10	3.6	ND - 3.6	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.3	ND - 0.3	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	8.0 - 10
Alkalinity	ppm	N/A	76	4 - 148
pH	std	6.5 - 8.5	6.40	5.21 - 7.58
Chloride	ppm	250	8.0	1.0 - 15
Sulfate	ppm	250	4.0	2.0 - 6.0
Total Hardness	ppm	N/A	46	15 - 76
Total Dissolved Solids	ppm	500	135	64 - 206

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	0.0151	0.0151 - 0.0151	Erosion of natural deposits	No
Nitrate	ppm	10	10	3.6	3.6 - 3.6	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	12.7	12.7 - 12.7	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	1.49	0.94 - 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	1.4	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.074	0	Corrosion of household plumbing	No

* 2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	8	8
Alkalinity	ppm	N/A	88	88
pH	std	6.5 - 8.5	6.87	6.87
Chloride	ppm	250	10	10
Sulfate	ppm	250	16	16
Total Hardness	ppm	N/A	75	75
Total Dissolved Solids	ppm	500	260	260

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*

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	0.20	0.10 - 0.20	Erosion of natural deposits	No
Nitrite	ppm	1	1	0.20	ND - 0.20	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.07	2.35 - 4.07	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	3.24	1.07 - 3.24	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.55	0.92 - 1.55	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	1.1	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.310	0	Corrosion of household plumbing	No

*2019 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	32	25 - 41
Alkalinity	ppm	N/A	85	77 - 90
pH	std	6.5 - 8.5	7.05	6.97 - 7.15
Chloride	ppm	250	8	7 - 10
Sulfate	ppm	250	5	4 - 6
Total Hardness	ppm	N/A	23	12 - 38
Total Dissolved Solids	ppm	500	154	152 - 156

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	2.1	ND – 2.1	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.2	ND - 0.2	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	2.05	0.69 - 2.05	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	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	250	56	56
Alkalinity	ppm	N/A	43	43
pH	std	6.5 - 8.5	7.04	7.04
Chloride	ppm	250	48	43 - 52
Total Dissolved Solids	ppm	500	116	116

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*

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
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	23	12.3 - 32	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	5.3	1.11 - 6.8	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.37	0.51 - 1.37	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	2.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.042	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	250	153	153
Alkalinity	ppm	N/A	250	250
pH	std	6.5 - 8.5	7.95	7.95
Chloride	ppm	250	44	44
Total Dissolved Solids	ppm	500	162	162

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	0.6	0.6 - 0.6	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	48.5	48.5 - 48.5	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	24.1	24.1 - 24.1	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.45	0.37 - 1.45	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	124	124
Alkalinity	ppm	N/A	250	250
pH	std	6.5 - 8.5	7.92	7.92
Chloride	ppm	250	8	8
Sulfate	ppm	250	1	1
Iron	ppb	300	98	98
Total Dissolved Solids	ppm	500	314	314
Total Hardness	ppm	N/A	29	29

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*

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	0.0595	0.0420 - 0.0595	Erosion of natural deposits	No
Nitrate	ppm	10	10	4.1	1.0 - 4.1	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	5.5	1.0 - 8.64	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	1.80	ND - 7.08	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.08	0.93 - 1.08	Drinking water treatment	No
RADIOLOGICAL							
Combined Radium 226/228	pCi/L	5	0	1.58	1.58 - 1.58	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	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.071	0	Corrosion of household plumbing	No

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	51	27 - 106
Alkalinity	ppm	N/A	66	42 - 82
pH	std	6.5 - 8.5	8.00	7.35 - 8.95
Chloride	ppm	250	34	13 - 130
Sulfate	ppm	250	10	1.0 - 24
Iron	ppb	300	14	ND - 123
Total Hardness	ppm	N/A	18	7.0 - 56
Total Dissolved Solids	ppm	500	175	100 - 370

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	1.76	1.13 - 1.76	Drinking water treatment	No
RADIOLOGICAL							
Gross Alpha Emitters**	pCi/L	15	0	8.2	8.2 – 8.2	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	171	171
Alkalinity	ppm	N/A	298	298
pH	std	6.5 - 8.5	8.35	8.35
Chloride	ppm	250	25	25
Total Dissolved Solids	ppm	500	468	468
Total Hardness	ppm	N/A	15	15

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*

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	2.03	0.47 - 2.03	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	0.015	0	Corrosion of household plumbing	No

*2020 Data. **2019 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	67	67
Alkalinity	ppm	N/A	66	66
pH	std	6.5 - 8.5	7.11	7.11
Chloride	ppm	250	17	17
Sulfate	ppm	250	47	47
Total Dissolved Solids	ppm	500	94	94

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
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	5.70	4.5 - 5.7	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	1.51	1.14 - 1.51	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.17	0.85 - 1.17	Drinking water treatment	No
VOLATILE ORGANIC CONTAMINANTS							
Xylenes	ppm	10	10	0.00128	0.00128	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	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.190	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	15	15
Alkalinity	ppm	N/A	114	114
pH	std	6.5 - 8.5	7.04	7.04
Chloride	ppm	250	5	5
Sulfate	ppm	250	7	7
Iron	ppb	300	180	180
Total Hardness	ppm	N/A	65	65
Total Dissolved Solids	ppm	500	178	178

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 Shores (DE00A0404)

Parameter	Units	MCL	MCLG	Highest Level Detected	Range	Major Sources in Drinking Water	MCL Violation Yes/No
INORGANIC CHEMICALS							
Nitrite	ppm	1	1	0.3	0.3 - 0.3	Runoff from fertilizer use	No
Fluoride	ppm	2	2	0.10	0.10 - 0.10	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	ND	0	Corrosion of household plumbing	No
Copper	ppm	AL = 1.3	1.3	0.003	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	143	143
pH	std	6.5 - 8.5	7.61	7.61
Chloride	ppm	250	1	1
Sulfate	ppm	250	7	7
Total Hardness	ppm	N/A	81	81
Total Dissolved Solids	ppm	500	194	194
Manganese*	ppb	50	18	18

*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*)	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	0.10	0.10 - 0.10	Erosion of natural deposits	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	7.18	7.18 - 7.18	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	3.8	3.8 - 3.8	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.26	0.70 - 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	0.014	0	Corrosion of household plumbing	No

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	49	49
Alkalinity	ppm	N/A	78	78
pH	std	6.5 - 8.5	7.12	7.12
Chloride	ppm	250	7	7
Sulfate	ppm	250	12	12
Total Dissolved Solids	ppm	500	218	218

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*

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	4.44	4.44 - 4.44	Byproduct of drinking water disinfection	No
Haloacetic Acids**	ppb	60	N/A	1.64	1.64 - 1.64	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.15	0.82 - 1.15	Drinking water treatment	No
RADIOLOGICAL							
Combined Radium 226/228**	pCi/L	5	0	2.26	2.26 - 2.26	Erosion of natural deposits	No
VOLATILE ORGANIC CONTAMINANTS							
Xylenes	ppm	10	10	0.00137	0.00125 - 0.00137	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 **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	6	6
Alkalinity	ppm	N/A	107	107
pH	std	6.5 - 8.5	6.91	6.91
Chloride	ppm	250	6	6
Sulfate	ppm	250	5	5
Total Hardness	ppm	N/A	70	70
Total Dissolved Solids	ppm	500	178	178

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							
Selenium*	ppb	50	50	0.75	0.75 - 0.75	Erosion of natural deposits	No
Nitrite	ppm	1	1	0.2	ND - 0.2	Runoff from fertilizer use	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	1.20	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.043	0	Corrosion of household plumbing	No

*2019 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	28	28
Alkalinity	ppm	N/A	29	29
pH	std	6.5 -8.5	6.64	6.64
Chloride	ppm	250	6.8	6.0 - 7.0
Sulfate	ppm	250	17	15 - 18
Total Dissolved Solids	ppm	500	90	90

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*

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	6.6	2.6 - 6.6	Runoff from fertilizer use	No
Nitrite	ppm	1	1	0.1	ND - 0.1	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	4.10	4.0 - 4.1	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	0.98	0.73 - 0.98	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

*2020 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	42	28 - 57
Alkalinity	ppm	N/A	57	37 - 68
pH	std	6.5 - 8.5	7.65	7.22 - 8.19
Chloride	ppm	250	26	12 - 32
Sulfate	ppm	250	10	2.0 - 11
Total Hardness	ppm	N/A	19	10 - 29
Total Dissolved Solids	ppm	500	159	140 - 188

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*

Viola District (DE00A0401)

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	19.8	18.6 - 19.8	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	13.7	13.6 - 13.7	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.06	1.31 - 2.06	Drinking water treatment	No
RADIOLOGICAL							
Gross Alpha Emitters**	pCi/L	15	0	3.19	3.19 - 3.19	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	ND	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.0086	0	Corrosion of household plumbing	No

*2018 Data **2016 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	11	11
Alkalinity	ppm	N/A	188	188
pH	std	6.5 - 8.5	7.85	7.85
Chloride	ppm	250	7.0	7.0
Total Hardness	ppm	N/A	124	124
Total Dissolved Solids	ppm	500	274	274

Note: Viola District was interconnected to the Camden District April 2021. Please refer to that data for more information.

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*

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	13.72	13.72 - 13.72	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	7.78	7.78 - 7.78	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.05	1.05 - 2.05	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	1.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.031	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	79	79
Alkalinity	ppm	N/A	139	139
pH	std	6.5 - 8.5	7.57	7.57
Chloride	ppm	250	8	8
Total Hardness	ppm	N/A	11	11
Total Dissolved Solids	ppm	500	262	262
Sulfate	ppm	250	2	2

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	2.3	2.3 - 2.3	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes*	ppb	80	N/A	2.8	2.8 - 2.8	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.02	0.53 - 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	0.006	0	Corrosion of household plumbing	No

*2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	39	39
Alkalinity	ppm	N/A	62	62
pH	std	6.5 - 8.5	7.74	7.74
Chloride	ppm	250	13	13
Sulfate	ppm	250	6	6
Total Hardness	ppm	N/A	6	6

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*

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	3.79	ND - 3.79	Erosion of natural deposits	No
Barium*	ppm	2	2	0.061	ND - 0.061	Erosion of natural deposits	No
Selenium*	ppb	50	50	1.03	ND - 1.03	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	43.8	42.9 - 43.8	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	19.4	18.2 - 19.4	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

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	134	134
Alkalinity	ppm	N/A	264	264
pH	std	6.5 - 8.5	7.9	7.9
Chloride	ppm	250	9	9
Total Hardness	ppm	N/A	33	33
Total Dissolved Solids	ppm	500	432	432
Sulfate	ppm	250	3	3
Manganese*	ppb	50	29	ND - 83

*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*)	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	6.0	ND - 6.0	Runoff from fertilizer use	No
DISINFECTION BY-PRODUCTS							
Total Trihalomethanes	ppb	80	N/A	40.7	4.66 - 40.3	Byproduct of drinking water disinfection	No
Total Haloacetic Acids	ppb	60	N/A	27.3	ND - 27	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.17	0.48 – 1.17	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	2.0	0	Corrosion of household plumbing	No
Copper*	ppm	AL = 1.3	1.3	0.016	0	Corrosion of household plumbing	No

* 2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	52	60 - 147
Alkalinity	ppm	N/A	186	96 - 275
pH	std	6.5 - 8.5	7.59	7.31 - 7.86
Chloride	ppm	250	22	10 - 33
Sulfate	ppm	250	11	1 - 21
Iron	ppb	300	96	ND - 192
Total Hardness	ppm	N/A	22	10 - 33
Total Dissolved Solids	ppm	500	299	234 - 364

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*

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	0.0777	0.0777 - 0.0777	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	7.4	7.4 - 7.4	Byproduct of drinking water disinfection	No
Total Haloacetic Acids*	ppb	60	N/A	1.13	1.13 - 1.13	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	2.03	0.74 - 2.03	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	0.009	0	Corrosion of household plumbing	No

*2019 Data.

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	46	46
Alkalinity	ppm	N/A	85	85
pH	std	6.5 - 8.5	7.32	7.32
Chloride	ppm	250	14	14
Iron	ppb	300	476	476
Sulfate	ppm	250	4.0	4.0
Total Hardness	ppm	N/A	10	10
Total Dissolved Solids	ppm	500	170	170

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	5.65	5.65 - 5.65	Byproduct of drinking water disinfection	No
Chlorine	ppm	4.0	N/A	1.71	1.04 - 1.71	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 **2019 Data

SECONDARY STANDARDS (Non-Health Related)

Parameter	Units	SMCL	Average	Range
Sodium	ppm	N/A	45	45
Alkalinity	ppm	N/A	76	76
pH	std	6.5 - 8.5	7.57	7.57
Chloride	ppm	250	9	9
Total Dissolved Solids	ppm	500	134	134

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*

Tidewater Utilities, Inc. • Water Quality Report - 2021
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 occursnaturally 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 ELECTRICIAN 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.

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