

Town of Darlington 2016 Drinking Water Quality Report

PWSID: 012-0009



Important Information Concerning Your Drinking Water

We're pleased to present to you the Annual Water Quality Report for 2016. This report is designed to inform you about the water quality and services we deliver to you every day. Maryland Environmental Service, an Agency of the State of Maryland, began operating the water treatment facility in January 2002 and prepared this report on behalf of the Town of Darlington.

The Environmental Protection Agency (EPA) regulates Public Water Systems and the contaminants found in water through the implementation of the Safe Drinking Water Act (SDWA). The SDWA sets regulations and guidelines for how public water systems operate and identifies several hundred drinking water contaminants, establishes monitoring frequencies and limitations. The Maryland Department of the Environment (MDE) is responsible for the enforcement of the SDWA and routinely complete Sanitary Surveys as part of there ongoing inspection and monitoring program. MES provides safe dependable operations of the water system and is dedicated to consistently providing high quality drinking water that meets or exceeds the SDWA standards.

If you have any questions about this report or have questions concerning your water utility, please contact **Jay Janney** at 410-729-8350, e-mail jjann@menv.com.

Public Meeting Information:

For the opportunity to ask more questions or participate in decisions that may affect your drinking water quality, please contact Jay Janney at 410-729-8350 and/or refer to MES website at <http://www.menv.com> for schedule and meeting location information.

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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 contaminants are available from the **Safe Drinking Water Hotline (1-800-426-4791)**.

Town of Darlington Treated Water Quality Report 2016

Definitions:

- ◆ **Maximum Contaminant Level Goal (MCLG)** - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- ◆ **Maximum Contaminant Level (MCL)** - 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.
- ◆ **Action Level** - The concentration of a contaminant which, if exceeded, triggers treatment of other requirements which a water system must follow
- ◆ **Treatment Technique (TT)** - A required process intended to reduce the level of a contaminant in drinking water
- ◆ **Turbidity** - Relates to a condition where suspended particles are present in the water. Turbidity measurements are a way to describe the level of “cloudiness” of the water.
- ◆ **NTU - Nephelometric Turbidity Units.** Units of measurement used to report the level of turbidity or “cloudiness” in the water.
- ◆ **pCi/l** - Picocuries per liter. A measure of radiation.
- ◆ **ppb** - parts per billion or micrograms per liter
- ◆ **ppm** - parts per million or milligrams per liter



Special points of interest:

The Town of Darlington's water is tested for over 120 different compounds. The Town of Darlington's Drinking Water met all of the State and Federal requirements Drinking Water, including bottled water, may reasonably be expected to contain at least small amounts of some compounds. The presence of these compounds does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the **Environmental Protection Agency's (EPA's) Safe Drinking Water Act Hotline (1-800-426-4791)**.

Town of Darlington Treated Water Quality Report 2016

Contaminant	Highest Level Allowed (EPA's MCL)	Highest Level Detected	Ideal Goal (EPA's MCLG)
Regulated at the Treatment Plant			
Wells 1A (1) and 1B (2)			
Barium (2016 Testing)	2000 ppb	3.2 ppb	2000 ppb
Source: Erosion of natural deposits, discharge from metal refineries and drilling waste			
Nitrate	10 ppm	3.8 ppm	10 ppm
Source: Erosion of natural deposits, runoff from fertilizer, and leaching from septic tanks and sewage			
Gross Alpha (2008 Testing)	15 pCi/l	1 pCi/l	0 pCi/l
Source: Erosion of natural deposits			
Regulated at the Consumer's Tap	Highest Level Allowed (EPA's MCL)	Highest Level Detected	Ideal Goal (EPA's MCLG)
Total Trihalomethanes (TTHM)	80 ppb	22.88 ppb	n/a
Haloacetic Acids (HAA5)	60 ppb	5.78 ppb	n/a
(2014 Monitoring) Source: By-product of drinking water disinfection			
Chlorine	4 ppm	0.76 ppm * (Range: 0.55 - 1.55)	4 ppm
Source: Water additive used to control microbes.			* Average of results
Regulated at the Consumer's Tap	Action Level	90 Percentile	Goal
Copper (2014 Testing)	1.3 ppm	0.34 ppm	1.3 ppm
Lead (2014 Testing)	15 ppb	1 ppb	0 ppb
Source: Corrosion of household plumbing fixtures and systems, erosion of natural deposits, and wood preservatives			

The table above lists all the drinking water contaminants that were detected during the 2016 calendar year. *The presence of these compounds in the water does not necessarily indicate that the water poses a health risk.* Unless otherwise noted, the data presented in the table is from conducted between January 1 – December 31, 2016. The State requires monitor of certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year.



Town of Darlington Treated Water Quality Report 2016

Sources of Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain compounds in water provided by public water systems. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.



Lead Prevention

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. The Town of Darlington 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 drinking 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 from the EPA Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/safewater/lead>.

The drinking water for the Town of Darlington consists of water from two wells in the Quartz Gabbro and Diorite Gneiss rock formations. Water is pumped out of the wells and a corrosion inhibitor is added for corrosion control. In addition, a disinfectant is added to protect against microbial contaminants. The Maryland Department of the Environment has completed an assessment of the source water. If you are interested in receiving a copy of the source water assessment report please call Jay Janney at 410-729-8350 or email your request to jjann@menv.com.

Water Security is Everyone's Responsibility

Water system security continues to be an enormously important issue. If you notice suspicious activities in or around local water utilities, such as persons cutting or climbing facility fencing, loitering, tampering with equipment or other similar activities, please contact your local law enforcement agency immediately by dialing 911.



If you have any questions about this report or your drinking water, please call Jay Janney at 410-729-8350 or email your request to jjann@menv.com.



Maryland

Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

Consumer Confidence Report Certification

Water Supply System Name: Town of Darlington

PWSID: 012-0009

County: Harford

Consumer Confidence Report due to customers and to MDE no later than July 1st;
Certification of Delivery due to MDE no later than October 1st each year.
CCR and Certification are best delivered together by email attachment if possible.

I confirm that the Consumer Confidence Report for the year **2016** has been distributed to customers (and appropriate notices of availability have been given) in accordance with COMAR 26.04.01 by **July 1, 2017**. I further certify that the report is correct and consistent with compliance monitoring data previously submitted to MDE.

Certified by: Name Jay Janney

Signature [Signature]

Title Environmental Specialist

Phone # 410-729-8361

Date 4/5/17

Specific details on CCR distribution: (**Date** all that apply)

5/31/17 **Date** CCR was delivered to MDE.

5/31/17 **Date** CCR was distributed by mail.

 Date CCR was distributed by other methods. List methods of delivery: _____

☐ Approved electronic delivery plan is on file with MDE. (Check if applicable)

 Date a notice of CCR availability was published.

 Date good faith efforts were used to reach non-bill paying consumers. Those efforts included the following recommended methods:

 Date of posting the CCR on the Internet at: _____

 Date of mailing the CCR to postal patrons (bulk mail) within the service area (attach zip codes).

 Date of advertising availability of the CCR in news media (attach copy of announcement).

 Date of publication of CCR in local newspaper (attach copy).

5/31/17 **Date** of delivery of multiple copies to single bill addresses serving several persons such as: apartments, businesses, and large private employers.

 Date of delivery to community organizations (attach a list).

Check violation types addressed:

☐ A tier 3 public notice is distributed with the CCR.

☐ Monitoring violations are addressed in the CCR.

☐ MCL violations are addressed in the CCR.

☐ CCR Delivery or Adequacy Violations are addressed in the CCR.

Mandatory for systems serving 100,000 or more persons:

 Date posted CCR on a publicly accessible Internet site. List Internet address: _____

 Date CCR delivered to other agencies or additional methods used. (Optional, attach list or description).

MDE/WMA/COM.025 (Revised 3/2016)

Maryland Code of Regulations

26.04.01.20-2 Consumer Confidence Report Delivery

(G.) Report Delivery and Record Keeping.

(1) Except as provided in §H of this regulation, each supplier of water to a community water system shall mail or otherwise directly deliver one copy of the report to each customer.

(2) The supplier of water to a community water system shall make a good faith effort to reach consumers who do not get water bills, using means recommended by the State. Good faith effort will be tailored to the consumers who are served by the system but are not bill-paying customers, such as renters or workers. A good faith effort to reach consumers would include a mix of methods appropriate to the particular system such as: posting the reports on the Internet; mailing to postal patrons in metropolitan areas; advertising the availability of the report in the news media; publication in a local newspaper; posting in public places such as cafeterias or lunch rooms of public buildings; delivery of multiple copies for distribution by single-biller customers such as apartment buildings or large private employers; or delivery to community organizations.

(3) Not later than the date the system is required to distribute the report to its customers, each supplier of water for a community water system shall mail a copy of the report to the State, followed within 3 months by a certification that the report has been distributed to customers, and that the information is correct and consistent with the compliance monitoring data previously submitted to the State.

(4) Not later than the date the system is required to distribute the report to its customers, each community water system shall deliver the report to any other agency or clearinghouse identified by the State.

(5) Each community water system shall make its reports available to the public upon request.

(6) Each community water system serving 100,000 or more persons shall post its current year's report to a publicly accessible site on the Internet.

(7) Any supplier of water subject to this regulation shall retain copies of its consumer confidence report for no less than 3 years.

SYSTEMS SERVING < 10,000

(H.) The requirement of §G(1), (5) and (6) of this regulation for a supplier of water to a community water systems serving less than 10,000 persons has been waived. Such systems shall:

(1) Publish the reports in one or more local newspapers serving the area in which the system is located;

(2) Publish a notice in the newspaper, or by other means approved by the State, that informs the customers that the reports will not be mailed; and

(3) Make the reports available to the public upon request.

SYSTEMS SERVING ≤ 500

(I.) Supplier of water to systems serving 500 or fewer persons may forego the requirements of paragraphs §H (1) and (2) if they provide notice at least once per year to their customers by mail, door-to-door delivery or by posting in an appropriate location that the report is available upon request.

Residence Name	Usage Address	Billing City
Wimer Kirk D. & Sharon A.	1201 Anderson	Darlington
Candelara, Jeremiah	1206 Anderson	Darlington
McCurry Ezekiel H.	1208 Anderson	Darlington
Thomas & Margaret George	1210 Anderson	Amherst
Henschel, Barbara	1200 Main Street	Darlington
Ridge Properties, LLC	1204 Main Street	Pylesville
Bruder Linda	1206 Main Steet	Darlington
Nelson-Grigorov, Claudia	1208 Main Street	Baltimore
Deer Creek Friends	1212 Main Street	Darlington
Riley Sr. Robert J.	1219 Main Street	Darlington
Reeves Margaret R Grubb	1211 Main Street	Darlington
Butler Frank L & Elaine M	2603 Casttleton Road	Darlington
Darlington Volunteer Fire Department	2600 Casttleton Road	Darlington
Gordon, Threasa	1228 Holloway Lane	Elkridge
Coale David G.	1224 Holloway Lane	Darlington
Akins Joseph & Eloise	1222 Holloway Lane	Darlington
Owen Douglas R	1216 Holloway Lane	Darlington
Richard Guy Edward	1214 Holloway Lane	Darlington
Harry E. Spivey, Jr.	1210 Holloway Lane	Darlington
Affayroux Lisa	1206 Holloway Lane	Darlington
Stewart Daniel	1204 Holloway Lane	Darlington
Giles, Lloyd & Jean	1203 Holloway Lane	Darlington
DONALD BEAVERS	1205 Holloway Lane	Darlington
Lopez-Rivers Enrique	1209 Holloway Lane	Darlington
Glover, Robert W	1211 Holloway Lane	Darlington
Snowden Denise & Faye	1213 Holloway Lane	Darlington
Gordon Hannah A	1215 Holloway Lane	Darlington
Dew Willie L	1217 Holloway Lane	Darlington
Presberry Agnes E.	1219 Holloway Lane	Darlington
Gordon Henry & Alfred	1221 Holloway Lane	Darlington
Malatesta Frank & Barbara	1223 Holloway Lane	Darlington
Brewer Jr. Edward Lee	1227 Holloway Lane	Darlington
Darney, Steven C & Tina M	1201 Main Street	Darlington
Kramer Michael A Jr	1149 Main Street	Darlington
Wippel Mary Ann	1145 Main Street	Darlington
Kirkwood Gerald & Dorothy	1143 Main Street	Monkton
Chatham, Deborah Sue	1141 Main Street	Darlington
Wolff, Derek A	1139 Main Street	Darlington
Churn, David Jr.	1135 Main Street	Darlington
Brooke Derr	1133 Main Street	Darlington
Hege Michael/Heather	1127 Main Street	Darlington
Darlington Pharmacy	1115 Main Street	Darlington
Darlington Pharmacy	1113 Main Street	
Earle, Cecilia N	1111 Main Street	Darlington
Earle, Cecilia N	1109 Main Street	Darlington
McCurry Tommy & Catherine	1107 Main Street	Darlington

Residence Name	Usage Address	Billing City
Scholz, Christopher J.	1105 Main Street	Havre De Grace
Thompson Linda	1103 Main Street	Darlington
Scholz, Christopher J.	1104 Main Street	
Darlington, LLC	1101 Main Street	Churchville
Grady Charles & Deborah	2102 Shursville Road	Darlington
Hanna J & Collins L	2106 Shursville Road	Darlington
Leff, Harry & Lisa	2108 Shursville Road	Darlington
Darlington Methodist	2117 Shursville Road	
Harford County Parks & Recreation	Frances Silver Park	
Murphy James	2120 Shursville Road	Darlington
Welsh, Nancy Jane	2122 Shursville Road	Darlington
Darlington Elementary	2119 Shursville Road	
Darlington Methodist	2118 Shursville Road	
Dunck, Duane	2115 Shursville Road	Street
Smith M & De Young, E	2113 Shursville Road	Darlington
Conlisk, Jane	2111 Shursville Road	Darlington
Higbee Jr. Paul	2109 Shursville Road	Darlington
Gettier Millicent	2107 Shursville Road	Darlington
Low, John & Bernadette	2105 Shursville Road	Darlington
Edward & Kim Roberts	2103 Shursville Road	Darlington
Cillo, Livio & Della	1034 Main Street	Darlington
MESTER, GEORGETTE	3307 Jordan Ave	Darlington
Bowman Charles Fletcher	3305 Jordan Ave	Darlington
Hendrix Carol Ann	3303 Jordan Ave	Darlington
Foster III, Thomas R	3301 Jordan Ave	Darlington
Hedelson Richard	3300 Jordan Ave	Darlington
Lent E & Despain K	3298 Jordan Ave	Darlington
Roy G Elliott Trust	3302 Jordan Ave	Darlington
Douglas W. McNutt	3304 Jordan Ave	West End
Givens Melissa	3306 Jordan Ave	Darlington
Reeves Edna	3308 Jordan Ave	Darlington
Gettier Millicent	3310 Jordan Ave	Darlington
Privett, Jessica	3311 Jordan Ave	Darlington
Burkins, David W.	1100 Main Street	Darlington
Hegarty Jill	1102 Main Street	Darlington
Brewer, Bob	1106 Main Street	
Morgen Richard/Elizabeth	1112 Main Street	Darlington
Barduca Jacqueline	1114 Main Street	Darlington
Busch William	1130 Main Street	Darlington
Wells David E.	1132 Main Street	Harveys Lake
Harford County Library	1134 Main Street	Bel Air
Poole, Ruby	1140 Main Street	Darlington
Bell of PA	1144 Main Street	
Garrett, Frank E & Joan L	1146 Main Street	Darlington
Standiford Sarah & Marian	1209 Anderson Ave	Darlington
Watson Thomas D.	1138 Main Street	Darlington