

PWSID ME0090410  
 GREAT SALT BAY SANITARY DIST  
 2016 Consumer Confidence Report

**General Information**

**Water System Contact Name:** Great Salt Bay Sanitary District  
**Address:** P.O. Box 23  
**City, State, Zip Code:** Damariscotta, Maine 04543  
**Telephone #:** 207-563-5105      **Fax#:** 207-563-3262      **Email:** water@gbsbsd.org

**Report Covering Calendar Year:**    Jan 1 - Dec 31, 2016

**Upcoming Regularly Scheduled Meeting(s):** Second Wednesday of each Month

**Source Water Information**

**Description of Water Source:**    Surface Water Intakes: 1 (Little Pond)

**Water Treatment & Filtration Information:** UV Disinfection combined with chlorine and chloramines

**Source Water Assessment:**

The sources of drinking water include rivers, lakes, ponds, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and radioactive material and can pick up substances resulting from human or animal activity. The Maine Drinking Water Program (DWP) has evaluated all public water supplies as part of the Source Water Assessment Program (SWAP). The assessments included geology, hydrology, land uses, water testing information, and the extent of land ownership or protection by local ordinance to see how likely our drinking water source is to being contaminated by human activities in the future. Assessment results are available at town offices and public water systems.

**Water Test Results**

<i>Contaminant</i>	<i>Date</i>	<i>Results</i>	<i>MCL</i>	<i>MCLG</i>	<i>Source</i>
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**Microbiological**

COLIFORM (TCR) (1)	2016	0 pos	1 pos/mo or 5%	0 pos	Naturally present in the environment.
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**Inorganics**

BARIUM	6/7/2016	0.0021 ppm	2 ppm	2 ppm	Discharge of drilling wastes. Discharge from metal refineries. Erosion of natural deposits.
FLUORIDE (3)	6/7/2016	1 ppm	4 ppm	4 ppm	Erosion of natural deposits. Water additive which promotes strong teeth. Discharge from fertilizer and aluminum factories.

**Radionuclides**

RADIUM-226	6/1/2015	0.23 pCi/l	5 pCi/l	0 pCi/l	Erosion of natural deposits.
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**Lead/Copper**

COPPER 90TH% VALUE (4)	1/1/2014 - 12/31/2016	0.044 ppm	AL = 1.3 ppm	1.3 ppm	Corrosion of household plumbing systems.
LEAD 90TH% VALUE (4)	1/1/2014 - 12/31/2016	7.2 ppb	AL = 15 ppb	0 ppb	Corrosion of household plumbing systems.

**Disinfectants and Disinfection Byproducts**

**PUFFIN STOP**

TOTAL HALOACETIC ACIDS (HAA5) (9)	LRAA(2016)	39 ppb Range (13.8–45 ppb)	60 ppb	0 ppb	By-product of drinking water chlorination.
TOTAL TRIHALOMETHANE (TTHM) (9)	LRAA(2016)	48 ppb Range (31.1–62.1 ppb)	80 ppb	0 ppb	By-product of drinking water chlorination.



## Health Information

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.

Contaminants that may be present in source water include:

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

**Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

**Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

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

**Radioactive Contaminants**, which can be naturally-occurring or be the result of oil and gas production and mining activities.

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).

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.

Great Salt Bay Sanitary Dist 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 from the Safe Drinking Water Hotline or at: <http://www.epa.gov/safewater/lead>

## Violations

No Violations in 2016

## Waiver Information (to be included in the CCR for systems that were granted a waiver)

In 2014, our system was granted a 'Synthetic Organics Waiver.' This is a three year exemption from the monitoring/reporting requirements for the following industrial chemical(s): TOXAPHENE/CHLORDANE/PCB, HERBICIDES, CARBAMATE PESTICIDES, SEMIVOLATILE ORGANICS. This waiver was granted due to the absence of these potential sources of contamination within a half mile radius of the water source.

## Certification

I Scott Abbotoni hereby certify and attest that I have distributed copies of this Consumer Confidence Report to all users of my public water system on \_\_\_\_\_, by mail , posted in the newspaper , electronically , or hand delivered  (check one) in accordance with 40 CFR§141-142. I further certify that the information contained in this annual Consumer Confidence Report is correct and consistent with compliance monitoring data. Any intentional deception or misinformation represented in this report may be cited as a violation of State and U.S. EPA National Primary Drinking Water Rules.

Signed:  Dated: 4/6/17

Instructions: Please complete this CCR template (fill in the blanks) with all pertinent information or use the information provided in this template to create your own CCR report. Distribute copies of this CCR to all customers or residents served by this water supply as well as to the State of Maine Drinking Water Program by July 1st. Also send a signed and dated (Certification) CCR to the DWP for our records by October 1st. If you have provided the CCR electronically please provide documentation on how consumers were notified as well as the direct link to the CCR on the internet. If the CCR was provide via e-mail please provide a sample copy of the e-mail with the embedded or attached CCR. Should you have any questions, contact your Compliance Officer at the DWP, telephone: 207-287-2070.