The City of Dunedin Water Division is pleased to present this year’s Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. The report also includes information about conservation, services we provide and other things you should know about your drinking water. Our constant goal is to provide a safe and dependable supply of drinking water and to continually improve the water treatment process. We are committed to ensuring the quality of the water we supply meets or exceeds the requirements of our state and federal government, and the Florida Department of Health. Our drinking water originates in the Floridan aquifer and is pumped out of the ground by wells located throughout the City of Dunedin. The untreated water is transmitted through a network of underground pipes to our Reverse Osmosis Water Treatment Plant where it is purified, chlorinated for disinfection purposes, and fluoridated for dental health purposes before it is distributed to customers.

**City of Dunedin Drinking Water Meets All State and Federal Standards**

### Important Health Information

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. Environmental Protection Agency/Center for Disease Control (EPA/CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 800-426-4791.

#### Source Water Assessment

In 2013 the Florida Department of Environmental Protection (FDEP) performed a Source Water Assessment on our system. The assessment was conducted to provide information about any potential sources of contamination in the vicinity of our wells. According to the assessment, there are 13 potential sources of contamination identified for our system, with susceptibility levels ranging from low to moderate. The potential sources of contamination include petroleum storage tanks and dry cleaning facilities. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at www.dep.state.fl.us/swapp or they can be obtained from the City of Dunedin Water Division located at 1401 County Road 1, Dunedin, FL 34698 or by calling 727-298-3100.

#### General Contaminant Source Information

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. The source of the City’s drinking water is ground water. Ground water is one part of the hydrologic cycle. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity. 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, fertilizers, 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 stormwater runoff and septic systems.
- **Radioactive Contaminants**, which can be naturally occurring or the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants which must be in the water as a public health standard. 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 Environmental Protection Agency’s Safe Drinking Water Hotline at 800-426-4791.

### Water Conservation

In 2013, your Water Division distributed 1.38 billion gallons of water to City of Dunedin customers. That is an average of 3.8 million gallons per day, or 62.0 gallons per person per day calculated by taking the total number of single family accounts multiplied by 2.31 persons per household and the total number of multi-family accounts multiplied by 1.31 persons per household and divided into the total metered water usage by these customers. The City of Dunedin has replaced thousands of feet of water mains to ensure water quality, water pressure, and reduce leakage in the distribution system. During the next year, the City of Dunedin will continue this waterline replacement program. Leaks are the biggest water waster. Even a small faucet leak can waste 300 or more gallons of water per month! Take a few minutes to find out if you have a leak in your home; call us if you need help.

#### Use your water meter to check for leaks

1. Turn off all faucets and water-using appliances and make sure no one uses water during the testing period. Remember to wait for the hot water heater and ice cube makers to refill, and for regeneration of water softeners.
2. Go to your water meter and record the current reading. Wait 30 minutes. (Remember: No water should be used during this period.)
3. Read the meter again. If the reading has changed, you have a leak.
4. If you cannot find the leak, you should consult a plumber.

#### Indoor water conservation check list

- Have you checked all faucets & toilets for leaks?
- Do you use low flow shower heads and limit showers to 5 minutes or less?
- Have you replaced leaky plugs in sinks & bathtubs?
- Do you monitor your utility bill for high usage, indicating a possible leak?

**Typically, outdoor water use accounts for up to 50 percent of water consumed** by households. You can reduce water consumption by taking a few simple steps. Periodically, check irrigation system timer performance and effectiveness and avoid overspray. Adjust your irrigation timer when you change your clocks. Upon request, the City will set irrigation timers to the watering schedule for your address. Utilize Florida-friendly and drought-tolerant landscaping. Don’t water during the heat of the day. Skip a week of watering during the winter months to make your yard more drought-tolerant.

#### Outdoor water saving tips

- Visit Dunedin’s website @ [http://www.dunedingov.com/1300/water-service](http://www.dunedingov.com/1300/water-service) to view the latest water use restrictions
- Keep your grass at least 3-4 inches high between mowings
- Use shutoff devices or drip irrigation for watering
- Sweep/blow off sidewalks and driveways rather than hosing them off
- Avoid watering on windy days
- Collect rain water with a rain barrel or other catchment
- Use 2-3 inches of mulch around trees and flowerbeds
- Do you fill a container with water and refrigerate it for a cold drink-
- Do you use low flow faucet aerators?
- Do you shut off the water when you brush your teeth or shave?
- Do you only run the dishwasher and washing machine when they are full?
- Do you fill a container with water and refrigerate it for a cold drink - instead of running the water until it’s cool?
- Do you install low flow shower heads and limit showers to 5 minutes or less?
- Do you use a rain barrel to collect rain water and use it for watering plants?
- Do you keep your grass at least 3-4 inches high between mowings?
- Do you replace leaky plugs in sinks & bathtubs?
- Do you monitor your utility bill for high usage, indicating a possible leak?

#### Contact Information

The City of Dunedin Commission meets at 6:30 p.m. on the first and third Thursday of each month at City Hall, 542 Main Street. For more information, visit the City’s Web Site, www.dunedingov.com or call (727) 298-3006. For information regarding this report, arrange a water plant tour, or to obtain this report in a different format, please contact the Water Division at (727) 298-3100.
In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Over 80 compounds are evaluated for the Annual Water Quality Report. Although all of these tests were performed, only those substances listed below in the Water Quality Table were found. The level of contaminants found in our drinking water were below the maximum contaminant level (MCL) allowed by the EPA. This report is based on the results of our monitoring for the period January 1 to December 31, 2013 for the City of Dunedin Water Public System (PWS) ID# 6520486. As authorized and approved by the United States Environmental Protection Agency (USEPA), the State has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. In this table, you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

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 City of Dunedin’s Water Division 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 at 800-426-4791 or at http://www.epa.gov/safewater/lead

Footnotes

(1) 0.81 ppb lead represents the 90th percentile of samples collected. The range is the number of samples above the Action Level (AL). Sampled triennially. The next triennial sampling will be done in the Summer of 2014.

(2) 0.036 ppm copper represents the 90th percentile of samples collected. The range is the number of samples above the Action Level (AL). Sampled triennially. The next triennial sampling will be done in the Summer of 2014.

(3) In 2013 ground water pumped from the City of Dunedin water supply wells had a natural fluoride level of 0.2 ppm. This level was elevated to achieve FDEP’s optimum level of 0.7 ppm.

(4) Stage 1: Total Trihalomethanes (TTHM) and Haloacetic Acids (Five) (HAA5) samples were taken on a quarterly schedule on the dates 2/6/13, 5/13/13 & 8/2/2013.

(5) N/A means that this sample was the only sample taken for that constituent.