

# Town of Fruitdale

## Annual Drinking Water Quality Report

January 1, 2013 – December 31, 2013

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Drinking Water Program

### Introduction

The Town of Fruitdale averaged a usage of **4,033** gallons of water per day for the year **2013**. This compares to **4,545** gallons of water per day for the year **2012**. This report is to inform you of the quality of drinking water provided to the Town of Fruitdale. We purchase bulk water from the Butte-Meade Sanitary Water District. Butte-Meade is required by the U.S. Environmental Protection Agency (EPA) to test our water frequently for the presence and concentrations of over 80 different water contaminants. In addition, Fruitdale is required to test for the presence of lead and copper every 3 years and total coliform bacteria on a monthly basis. The South Dakota Department of Environment and Natural Resources (DENR) reviews all of our testing data to ensure that 1) we are providing safe drinking water to our customers, and 2) we are complying with EPA regulations.

If you have any questions, please contact:

Dalene Ammon  
Town of Fruitdale  
2120 7<sup>th</sup> Ave. Apt. 101  
Phone: (605) 210-2345

### Where does our water come from?

We Serve more than 64 customers an average of 5,000 gallons of water per day. Our water is groundwater that we purchase from another water system. The state has performed an assessment of our source water and they have determined that the relative susceptibility rating for the Fruitdale public water supply system is low.

For more information about your water and information on opportunities to participate in public meetings, call (605)892-6092 and ask for Keri Van Matre.

### Additional Information

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 can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- (1) *Microbial contaminants*, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- (2) *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.
- (3) *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- (4) *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.
- (5) *Radioactive contaminants*, which can be naturally-occurring or be the result of oil and gas production and mining activities.

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. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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

### Regulated Contaminants

#### Fruitdale Water Quality Tests taken at the Customers' Tap

Substance	90% Level	Test Sites > Action Level	Date Tested	Highest Level Allowed (MCL)	Ideal Goal (MCLG)	Units	Major Source of Contaminant
Copper	0.1	0	09/24/2011	AL=1.3	0	ppm	Corrosion of Household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	3	0	09/26/2011	AL=15	0	ppb	Corrosion of household plumbing systems; erosion of natural deposits.

### Detected Contaminants

The attached table lists all the drinking water contaminants that we detected during the 2013 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, 2013. State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

#### 2012 Table of Detected Contaminants for Fruitdale (EPA ID 0135)

Regulated Contaminants							
Substance	Highest Level Detected	Range	Date Tested	Highest Level Allowed (MCL)	Ideal Goal (MCLG)	Units	Major Source of Contaminant
Arsenic	7	ND-7	08/08/2011	10	NA	Ppb	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium	0.034	0.032-0.034	08/08/2011	2	2	Ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Chromium	3	1.1-3	08/08/2011	100	100	Ppb	Discharge from steel and pulp mills; erosion of natural deposits.
Fluoride	0.5		10/21/2013	4	4	Ppm	Erosion of natural deposits; water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.
Selenium	9.3	ND-9.3	08/08/2011	50	50	Ppb	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.
Total trihalomethanes	9.76	ND-9.76	08/17/2011	80	0	ppb	By-product of drinking water chlorination.

Please direct questions regarding this information to Ms Dalene Ammon with the Fruitdale public water system at (605)210-2345.

\*Butte-Meade SWD-Bean Well (0223) test results.

### We Welcome Your Input

The Fruitdale Town Board meets on the second Tuesday of every month at 7:00 p.m. at the Fruitdale Community Hall. All residents are welcome and encouraged to attend.

Town board offices are currently held by:

- Diane Redinger – Trustee President
- Audrey Friedel – Trustee
- Blayne Teppo – Trustee
- Keri Van Matre – Finance Officer
- Dalene Ammon – Billing