

2012

Meadowmeer Water Service Association

WATER QUALITY REPORT

PWS ID# 53275

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What Is In This Report?

This is a Consumer Confidence Report (CCR) to Shareholders and consumers of water provided by Meadowmeer Water Service Association (MWSA). In August 1998 the United States Environmental Protection Agency (EPA) published regulations requiring water systems to provide these reports on water quality and to educate consumers on the source and makeup of their water supply.

Where Does Your Water Come From?

The source of the water provided to you originates as rainfall collected from an area estimated to be slightly larger than the Meadowmeer water service area.

Your water is pumped from the Aquifer by three wells located just off the end of Blue Pond Dr. Combined pumping capacity is 300 gallons per minute. Water pressure and storage for the system is provided by the 200,000 gallon storage tank located on Mandus Olson. The following map shows the MWSA service area boundary.



How Is Your Water Treated?

MWSA is currently aerating your water supply to remove dissolved gases that make the water naturally acidic. This acidic water can cause elevated copper levels in your drinking water due to the corrosion of the copper piping and plumbing fixtures within homes. By removing the dissolved gases, the pH can be raised to prevent the corrosion of copper piping without the need to add any chemicals to your drinking water.

A Note On Fluoride

MWSA does not add fluoride to your drinking water. Any fluoride that is detected in the water is a result of erosion of natural deposits in the ground. For those requiring supplemental fluoride, tablets can be used as directed by your health care provider.

Contaminants And Health Effects

As water travels over the surface of the land and through the ground, it dissolves minerals. It can also pick up substances resulting from the presence of animal or human activity. These are all referred to by the EPA as "contaminants." By its very nature, drinking water (including bottled water) may reasonably be expected to contain at least small amounts of some contaminants. In order to ensure the tap water is safe to drink, the EPA along with Washington State Department of Health have established limits on the amount of contaminants that may be in drinking water and have also set forth schedules by which water utilities monitor for their presence.

More information about contaminants and potential health effects as well as EPA and Center for Disease Control (CDC) guidelines is available from the EPA Safe Drinking Water Hotline (800) 426-4791.

Sampling Schedule

Meadowmeer Water Service Association prides itself in providing excellent quality water for the Shareholders and consumers. To ensure this quality is maintained, MWSA performs the following tests and others as required by the Washington State DOH.

| Compound Tested | Frequency |
|--|-----------------------------|
| Coliform Bacteria | Monthly |
| Nitrates | Every 3 years |
| Primary Inorganics Antimony Arsenic Barium Beryllium Cadmium Chromium Cyanide Fluoride Mercury Nitrate Selenium Thallium | Every 3 Years |
| Secondary Inorganics Chloride Iron Manganese Sulfate Zinc Silver Copper (Source) Lead (Source) | Every 3 Years |
| Volatile Organics | Every 3 Years |
| Synthetic Organics | As directed by WA State DOH |
| Asbestos | As directed by WA State DOH |
| Radioactive Contaminants | As directed by WA State DOH |

Primary Inorganics

| Compound | MCL *SRL | Water Source | Sample Drawn | Result | Exceeds MCL | Notes |
|-----------------|-------------|-----------------|-----------------|--------------|----------------|-------|
| Heavy Metals | Various | S05 | Oct 10 | Non Detected | | 1 |
| | | S02 | Oct 10 | Non Detected | | 1 |
| | | S01 | Oct 10 | Non Detected | | 1 |
| Nitrates | 10 mg/l | S05 | Oct 10 | Non Detected | | |
| | | S02 | Oct 10 | 0.55 | No | |
| | | S01 | Oct 10 | Non Detected | | |

Secondary Inorganics

| | | | | | | |
|--------------------|--------------------------------|-----|--------|--------------|-----|---|
| Iron | 0.3 mg/l | S05 | Oct 10 | 0.757 | Yes | 2 |
| | | S02 | Oct 10 | Non Detected | | |
| | | S01 | Oct 10 | Non Detected | | 2 |
| Manganese | 0.05 mg/l | S05 | Oct 10 | 0.034 | No | |
| | | S02 | Oct 10 | Non Detected | | |
| | | S01 | Oct 10 | Non Detected | | |
| Silver Chloride | 0.1 mg/l 250 mg/l 5 mg/l | S05 | Oct 10 | Non Detected | | |
| | | S02 | Oct 10 | Non Detected | | |
| | | S01 | Oct 10 | Non Detected | | |
| Lead | 0.001 mg/l * | S05 | Oct 10 | Non Detected | | |
| | | S02 | Oct 10 | 0.001 | No | |
| | | S01 | Oct 10 | Non Detected | | |
| Copper | 0.02 mg/l * | S05 | Oct 10 | Non Detected | | |
| | | S02 | Oct 10 | Non Detected | | |
| | | S01 | Oct 10 | Non Detected | | |

Other Characteristics

| | | | | | | |
|--------------|-----------|-----|--------|------|----|---|
| Sodium | 5 mg/l * | S05 | Oct 10 | 6.04 | | 3 |
| | | S02 | Oct 10 | 6.21 | | 3 |
| | | S01 | Oct 10 | 5.96 | | 3 |
| Hardness | 10 mg/l * | S05 | Oct 10 | 112 | | |
| | | S02 | Oct 10 | 104 | | |
| | | S01 | Oct 10 | 107 | | |
| Conductivity | 700 uS/cm | S05 | Oct 10 | 228 | No | |
| | | S02 | Oct 10 | 218 | No | |
| | | S01 | Oct 10 | 221 | No | |
| Turbidity | 0.1 NTU * | S05 | Oct 10 | 0.95 | | 2 |
| | | S02 | Oct 10 | 0.20 | | |
| | | S01 | Oct 10 | 0.35 | | 2 |
| Color | 15 c.u. | S05 | Oct 10 | <15 | No | |
| | | S02 | Oct 10 | <15 | No | |
| | | S01 | Oct 10 | <15 | NO | |

MCL = Maximum Contaminant Level * SRL = State Reporting Level

mg/l = Milligrams per liter of contaminant in water sample tested. (See note 4)

uS/cm = Unit of measure for conductivity.

NTU = Nominal Turbidity Units, measure of suspended solids.

CU = Color Units, describes color of water sample compared to clear.

TABLE NOTES

1. Heavy Metals consist of Arsenic, Barium, Cadmium, Chromium, Mercury, Selenium, Beryllium, Nickel, Antimony, Thallium, and Fluoride.
2. Wells SO5 exceed the MCL for Iron. This is not a health related contaminant. However MWSA provides treatment by aeration and is blending water between wells to deliver the clearest water possible.
3. Sodium limit listed is the minimum reporting level. Sodium concentration provided for dietary information only.
4. 1 grain per U.S. gallon (gpg) = 17.1 milligrams per liter (mg/L) = 17.1 ppm

Lead/Copper Monitoring

There have been no detectable levels of Lead in our water system. The Action Level for copper in drinking water at the tap is 1.3 mg/l and prior to 2003 MWSA routinely had samples with copper concentrations greater than this level. MWSA now aerates your water to raise the pH without the addition of any chemicals. Subsequently routine copper testing shows that copper levels have dropped to well below the Action Level.

Coliform Bacteria Monitoring

MWSA takes three samples from different locations every month to be tested for Coliform Bacteria. There was no positive sample for coliform bacteria during the past year.

Volatile Organic Compound Monitoring

Volatile Organic Compounds (VOCs) are substances generally resulting from industrial and agricultural sources. Some of the better known VOCs are Benzene, Styrene, and Vinyl Chloride. Testing for 62 regulated compounds was performed in October 2010, and there was none of these chemicals detected.

Asbestos Monitoring

Asbestos can enter the drinking water from piping material used in parts of the distribution system. In October of 1997 MWSA samples taken showed levels equal to natural levels found in the water from dissolved minerals. MWSA samples for asbestos when required by the Dept. of Health.

Radioactive Contaminants

In October of 2010, water samples were analyzed for radon and none detected. Radon is a natural radioactive gas that can become dissolved in water. MWSA samples for radon when requested by the Dept. of Health.

Questions ?

For more information concerning this report or your water system contact Ward Frost (206) 743-7109 or check out the MWSA website at www.MWSA.us