The City of Mackay Water Department is pleased to report to you on the quality of water you receive from your water system. During 2014 your tap water met all U.S. Environmental Agency (EPA) and State of Idaho drinking water standards.

To comply with Safe Drinking Water Act amendments, the City of Mackay annually issues a report on monitoring performed on its drinking water. During 2014 we conducted 24 tests for three contaminants. This report summarizes monitoring conducted during the calendar year 2014.

**Is my water safe?**

In a word, YES!
The City of Mackay vigilantly safeguards your water supplies and we are proud to report that our system did not violate a maximum contaminant level, monitoring or other water quality standard. Samples collected in 2014 and other chemicals detected in previous years are summarized in the Water Quality Data Table on page 3 of this report.

We test for coliform bacteria every month. In July, we detected total coliform bacteria in one sample. We tested additional samples in July and August and no further coliform bacteria was detected. A total of 20 samples were tested in 2014 for the presence of coliform bacteria. All samples were negative for fecal coliform and *Escherichia coli*.

The City of Mackay also tested 4 water samples for the inorganic chemical Nitrates. Nitrates were detected in all of our system sources that are usual and safe for our water (0.36 – 0.43 milligrams per liter (mg/L). These levels are well below the Maximum contaminant Level (MCL) of 10 mg/L set by EPA.
Why are there contaminants in my drinking water?

Drinking water, *including bottled water*, may reasonably be expected to contain at least small amounts of some contaminants. Contamination is anything other than pure water. 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 EPA Safe Drinking Water Hotline (1-800-426-4791), [http://www.epa.gov/safewater/hotline](http://www.epa.gov/safewater/hotline) or you may contact Ken Day at the City of Mackay (588-2274 or mackaywater@gmail.com).

Do I need to take special precautions?

Probably not. 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/ Centers for Disease Control and Prevention (CDC) guidelines on appropriate measures to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791) or [http://www.epa.gov/safewater/hotline/](http://www.epa.gov/safewater/hotline/).

Where does my water come from?

The City of Mackay uses groundwater sources for all the water provided by our system. Our primary supply is from the City Spring on the Mine Hill. This is supplemented by three wells. Because of the high quality of our groundwater, we are able to deliver this water through our system with no treatment. After a source water assessment was completed, a committee of citizens developed a Source Water Protection Plan in 2009 to assist in protecting our drinking water.

How can I get involved?

The Mackay City Council is the governing body for the City of Mackay and the Mackay water system. The Council meets on the first Tuesday of each month at 7:00 pm at City Hall. You are welcome at all Council meetings. The Mackay Source Water Protection Committee meets as necessary. If you are interested in serving on this committee, contact Ken Day. Ken Day is the certified in-charge operator for the water system. Ken Day or the Council members would be happy to answer questions you may have, either about this report or any other aspects of the water system.

If you have any questions please contact:

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(208) 588-2274
mackaywater@gmail.com

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