



City of Coburg

**Annual
Drinking Water Quality
Report**

2006

We are pleased to present to you the 2006 Annual Quality Water Report. This report is designed to inform you about the quality water services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is 100% groundwater, provided by two wells owned and operated by the City of Coburg and drawing from the “older alluvium” and the “younger alluvium”. These wells are located southwest of Coburg. After the water is pumped out of the wells, we add Chlorine to protect against microbial contaminants.

We are pleased to report that our drinking water is safe and meets federal and state requirements. If you have any questions about this report or concerning your water utility, please contact

Jack Harris
Coburg Public Works Department
(541) 682-7857

We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regular scheduled Council meetings. Currently they are held on the first Tuesday of each month at 7:00 P.M. at the Coburg Municipal Court House, 32694 Pearl Street. As of July 10th, 2007 council meetings will take place at Coburg City Hall, 91069 North Willamette Street.

The Public Works Department of the City of Coburg routinely monitors for constituents in your drinking water according to Federal and State laws. The following results are for the period of January 1st to December 31st, 2006. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It is important to remember that presence of these constituents does not necessarily pose a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA’s Safe Drinking Water Hotline (800-426-4791).

You will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we’ve provided the following definitions:

Non-Detects (ND) – laboratory analysis indicates that the constituents are not present.

Parts per million (ppm) or milligrams per liter (mg./l) – one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or micrograms per liter – one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or nanograms per liter (nanograms/l) – one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or picograms per liter (picograms/l) – one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

Picouries per liter (pCi/L) – picouries per liter is a measure of the radioactivity in water.

Millirems per year (mrem/yr) – measures of radiation absorbed by the body.

Million fibers per liter (MFL) – Million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Treatment Technique (TT) – A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level – The “Maximum Allowed” (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal – The “Goal” (MCLG) is the level of a contaminant in the **City of Coburg** drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

We constantly monitor the water supply for various constituents.

Nitrates – In the **City of Coburg**, the highest level of nitrates detected at any one time sampling point was **5.6 mg/l**. The range of detected levels is between **1.2 mg/l** and **5.6 mg/l**. The MCL for nitrates is **10 mg/l**. The level of nitrates detected in our water **does not** exceed the standard for safe drinking water.

Lead – In the **City of Coburg** the highest level of lead detected in the water in the year of **2005** was **0.0075 ppb**. The MCL for lead is **15**. The level of lead in our water **does not** exceed the standard for safe drinking water.

Copper – In the **City of Coburg**, the highest level of copper detected in our drinking water in **2005** was **0.16 ppb**. The Action Level for copper is **1.3**. The level of copper in our water **does not** exceed the standard for safe drinking water.

Total Coliform- In the **City of Coburg**, there were **zero** positive samples for the year of **2006**.

City of Coburg

Inorganic Contaminants

Contaminants	Violation N/Y	Level Detected	Unit Measure	MCLG	MCL	Likely Source of Contaminants
Nitrates	NO	5.6	Mg/L	10	10	Fertilizer/septic sewer systems

Arsenic

Contaminants	Violation N/Y	Level Detected	Unit Measure	MCLG	MCL	Likely Source of
Arsenic	NO	ND	Mg/L	0 ppm	0.010	Erosion of natural deposits

Disinfection Byproducts (DBPs)

Trihalomethanes (TTHMs)

Contaminants	Violation N/Y	Level Detected	Unit Measure	MCLG	Reporting Limits
Bromodichloromethane	NO	0.0008	Mg/L		0.0005
Bromoform	NO	0.0008	Mg/L		0.0005
Chlorodibromomethane	NO	0.0013	Mg/L		0.0005
Chloroform	NO	ND	Mg/L		0.0005
Total Trihalomethanes	NO	0.0029	Mg/L		0.0005

Haloacetic Acids (HAA5s)

Contaminants	Violation N/Y	Level Detected	Unit Measure	MCLG	Reporting Limits
Dibromoacetic Acid	NO	ND	Mg/L		0.001
Dichloroacetic Acid	NO	ND	Mg/L		0.001
Monobromoacetic Acid	NO	ND	Mg/L		0.001
Monochloroacetic Acid	NO	ND	Mg/L		0.001
Trichloroacetic Acid	NO	ND	Mg/L		0.001
Total HAA5s	NO	ND	Mg/L		0.001

Microbial Contaminants

Date	Chemical	Violation	Level Detected	MCL	Sample Point
Mar 06, 2003	Radium, Combined (22,228)	No	1.7300000	5.0	Well #1 & #2
Mar 06, 2003	Uranium, Combined	No	0.00013	0.03	Well #1 & #2