

**Collier County Water Quality Test Results**

This report shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup> 2003. Federal and state regulations allow us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, may be more than one year old. The EPA requires monitoring of over 80 drinking water contaminants. Those contaminants listed in the table below are the only contaminants detected in your drinking water.

\*\*Results in the Level Detected column for radiological contaminants, inorganic contaminants, synthetic organic contaminants including pesticides and herbicides, and volatile organic contaminants are the highest average at any of the sampling points or the highest detected level at any sampling point, depending on the sampling frequency.

Contaminant and unit of measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected **	Range of Results	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>							
Cyanide (ppb)	July 2002	No	12	12	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Fluoride (ppm)	Monthly in 2003	No	1.12	0.54-1.12	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Sodium (ppm)	July 2002	No	95	44-95	n/a	160	Salt water intrusion, leaching from soil

Note: The result in the Level Detected column for TTHMs is the highest of the four quarterly running annual averages of results from all sampling sites. The quarterly running annual averages were calculated during the first, second, third, and fourth quarters of 2002

**TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters**

TTHM (Total trihalomethanes) (ppb)	Jan., Apr., Jul., and Nov. 2003	No	31	ND-73	n/a	80	By-product of drinking water chlorination
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Contaminant and unit of measurement	Dates of sampling (mo./yr.)	AL Violation Y/N	90 <sup>th</sup> Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
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**Lead and Copper (Tap Water)**

Copper (tap water) (ppm)	Jul 2002	No	0.13	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	Oct 2002	No	0.5	0	0	15	Corrosion of household plumbing systems, erosion of natural deposits