

## 2006 Annual Drinking Water Quality Report City of Fruitland Park

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water is obtained from groundwater sources and is chlorinated for disinfection purposes.

In 2004 the Department of Environmental Protection performed a Source Water Assessment on our system. The assessment was conducted to provide information about any potential sources of contamination in the vicinity of our wells. There are 2 potential sources of contamination identified for this system with a low to high susceptibility level. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at [www.dep.state.fl.us/swapp](http://www.dep.state.fl.us/swapp)

This report shows our water quality results and what they mean.

If you have any questions about this report or concerning your water utility, please contact **John Bostic III, Public Works Director at 360-6795**. We encourage our valued customers to be informed about their water utility.

The City of Fruitland Park routinely monitors for contaminants in your drinking water according to Federal and State laws, rules, and regulations. Except where indicated otherwise, this report is based on the results of our monitoring for the period of January 1 to December 31, 2006. Data obtained before January 1, 2006, and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations.

In the table below, you may find unfamiliar terms and abbreviations. To help you better understand these terms we've provided the following definitions:

*Maximum Contaminant Level (MCL):* 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 (MCLG):* The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

*Action Level (AL):* The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

*Pico curie per liter (pCi/L):* Measure of the radioactivity in water.

*Treatment Technique (TT):* A required process intended to reduce the level of a contaminant in drinking water.

*Maximum residual disinfectant level (MRDL):* The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

*Maximum residual disinfectant level goal (MRDLG):* The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

*Parts per million (ppm) or Milligrams per liter (mg/l):* One part by weight of analyte to 1 million parts by weight of the water sample.

*Parts per billion (ppb) or Micrograms per liter (µg/l):* One part by weight of analyte to 1 billion parts by weight of the water sample.

"ND" means not detected and indicates that the substance was not found by laboratory analysis.

### TEST RESULTS TABLE

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>							
Fluoride (ppm)	3/2005	No	0.101	.067-0.101	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.2 ppm
Nitrate (as Nitrogen) (ppm)	2/2006	No	0.729	.019-0.729	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium (ppm)	3/2005	No	4.2	2.3-4.2	N/A	160	Salt water intrusion, leaching from soil