

# O&S Water Company

June 12, 2009

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Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

Subject: O&S Water Company 2008 CCR Certification

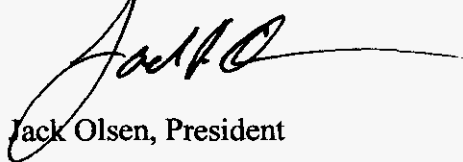
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To Whom It May Concern:

Enclosed herewith is the Consumer Confidence Report for 2008 Test Results Table as submitted to the FDEP for our customers in the south service areas (PWS ID: 3494432), Osceola County.

If you have any questions, do not hesitate to call.

Sincerely,  
O&S WATER COMPANY



Jack Olsen, President

Cc: Florida Department of Environmental Protection

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**O & S Water Company, Inc.**  
**2008 Annual Drinking Water Quality Report**

*We are pleased to provide you with this year's Annual Water Quality Report for O&S Water Company. 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 source is groundwater and our well(s) draw from the Floridian Aquifer. Prior to entering the distribution system our water is aerated and chlorinated for disinfection purposes.*

*In 2008 the Department of Environmental Protection performed a source water assessment. A Search of the data shows that there is one moderate potential source of contamination. If you would like to learn more about this please visit this web site. [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 Jack Olsen at (407) 846-2650. We encourage our valued customers to be informed about their water utility.*

*O & S Water Co. routinely monitors for contaminants in your drinking water according to Federal and State laws, rules, and regulations. Except where indicated otherwise, this report shows the result of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2008. Data obtained before January 1, 2008, and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations.*

*Enclosed for your review is a table setting forth the various water quality test and their results. In this table 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:*

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

***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 (ug/l): One part by weight of analyte to 1 billion parts by weight of the water sample.***

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

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

***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.***

***Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.***

*The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring mineral and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.*

*Contaminants that may be present in source water include:*

- (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.***
- (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil, and gas production, mining, or farming.***
- (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.***
- (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also, come from gas stations, urban storm water runoff, and septic systems.***
- (E) Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.***

*In order to ensure that tap water is safe to drink, EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulation establish limits for contaminants in bottled water, which must provide the same protection for public health*

*All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.*

*The state allows 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, are more than one year old.*

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**2008 Water Quality Table South System PWSID FL 3494432**

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected <sup>A</sup>	Range of Results	MCLG	MCL	Likely Source of Contamination
<b>Radiological Contaminants</b>							
Alpha emitters (pCi/L)	9/03 11/03	N	1.4	ND - 1.4	0	15	Erosion of natural deposits
<b>Inorganic Contaminants</b>							
Barium (ppm)	10/06	N	0.0129	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	10/06	N	0.081	N/A	4	4.0	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.3 ppm
Sodium (ppm)	10/06	N	0.49	N/A	N/A	160	Salt water intrusion, leaching from soil

TABLE NOTES: Results in the Level Detected column for radiological contaminants, inorganic 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.

**Stage 1 Disinfectants and Disinfection By-Products**

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine (ppm)	Jan 08 - Dec 08	N	1.77 (Annual Ave.)	0.89 - 2.40	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
Haloacetic Acids (five) (HAA5) (ppb)	Jul 2008	N	33.0	N/A	N/A	MCL = 60	By-product of drinking water disinfection
TTHM [Total trihalomethanes] (ppb)	Jul 2008	N	47.8	N/A	N/A	MCL = 80	By-product of drinking water disinfection

TABLE NOTES: For chlorine, the level detected is the the highest running annual average (RAA), computed quarterly, of monthly averages of all samples collected. For haloacetic acids or TTHM, the level detected is the highest RAA, computed quarterly, of quarterly averages of all samples collected if the system is monitoring quarterly or is the average of all samples taken during the year if the system monitors less frequently than quarterly. Range of Results is the range of individual sample results (lowest to highest) for all monitoring locations, including Initial Distribution System Evaluation (IDSE) results as well as Stage 1 compliance results.

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	AL Violation Y/N	90th Percentile Result <sup>B</sup>	No. of sample sites exceeding the AL <sup>A</sup>	MCLG	AL (Action Level)	Likely Source of Contamination
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**Lead and Copper (Tap Water)**

Copper (tap water) (ppm)	6/07 9/07	N	0.0817	0 Samples > AL	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	6/07 9/07	N	2.68	0 Samples > AL	0	15	Corrosion of household plumbing systems, erosion of natural deposits

TABLE NOTES: <sup>A</sup> The range of results for copper and lead is the amount of samples with results greater than the action level (AL). <sup>B</sup> The results in the level detected column for lead and copper are the 90<sup>th</sup> percentile of all sample results for the most recent round of sampling.

The Environmental Protection Agency (EPA) requires monitoring of over 80 drinking water contaminants. Those contaminants listed in the table above are the only contaminants detected in your drinking water.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for understanding

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 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 provider. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800) 426-4791.

We at O & S Water Co., Inc. would like you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to insuring the quality of your water. If you have any question about the information provided, please feel free to call any of the numbers listed.