



Waterline News

Presented by Volusia County Water Resources and Utilities

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Airport Road retention pond

Volusia County recently completed construction of a stormwater retention area on Airport Road, between Tymber Creek Road and 95, (Ormond Beach). It will be used to capture roadway runoff before it can reach the Tomoka River and to provide water quality treatment and flood reduction benefits. The design includes native aquatic plants. The project has been supported by a \$52,000 grant from the St. Johns River Water Management District. Construction began in December 2004.



June 1 marked the beginning of hurricane season. Because of last year's events, and projections for this year, it is important to remind you of a few preparation tips. Remember, that although no amount of preparation can prevent a disaster, planning can limit its effects.

One important supply to have on hand in the event of a disaster is safe drinking water.

Store one gallon of water per person per day. Plan for at least three days.

People with special needs such as nursing mothers, young children and family members with illnesses can require more water.

Remember you can fill clean bathtubs, sinks and all containers with water to supplement the water you have stored.

For more disaster preparation information, please go online to www.volusia.org/storm

85 percent of all landscape problems are directly related to over watering. A properly designed and operated irrigation system can reduce water use by 20 percent or more each year.

Water treatment plant improvements

For County water customers in the DeBary and Orange City area we are making improvements to the water treatment system. This work will improve the water supply, delivery capacity and the reliability of the facilities. Improvements to the emergency power system and the addition of liquid chlorine also are being performed. The conversion to liquid chlorine will remove the gas chlorine cylinders and eliminate the risk of exposure to chlorine gas. The conversion from gas to liquid chlorine is being performed at many of the facilities throughout Volusia County.



Kids Korner

Fun but important facts about water

- Water that is safe to drink is called potable.
- Water is composed of two elements hydrogen and oxygen. 2 hydrogen + 1 oxygen = H₂O water!
- There is the same amount of water on earth now as there was when the earth was formed. The water from your faucet could contain molecules that dinosaurs drank.
- Nearly 97 percent of the world's water is salty or otherwise undrinkable. Another 2 percent is locked in ice caps and glaciers. That leaves just 1 percent for all of humanity's needs - all its agricultural, residential, manufacturing, community, and personal needs.
- Water regulates the earth's temperature. It also regulates the temperature of the human body, carries nutrients and oxygen to cells, cushions joints, protects organs and tissues, and removes wastes.
- 75 percent of the human brain is water and 75 percent of a living tree is water!
- A person can live for about a month without food, but only about a week without water.
- Water expands by nine percent when it freezes. Frozen water (ice) is lighter than water, which is why ice floats in water.
- One ear of corn is 80 percent water.
- It takes 39,090 gallons / 148,000 liters of water to manufacture a new car and its four tires!
- On average, 50 - 70 percent of summer household water is used outdoors for watering lawns and gardens.
- Running the water while brushing your teeth wastes up to four gallons a minute.
- The bathroom is the room in the house where most water is used. (The toilet is the number one water-using appliance in the home).

You might ask...

Q. Should I buy bottled water?

A. You don't need to buy bottled water for health reasons. Your drinking water meets all the federal and state drinking water standards. If you want a drink with a different taste, you can buy bottled water, but it costs up to 1,000 times more than municipal drinking water. Americans spend about \$3 billion annually to buy this product which is half the amount the country spends to protect tap water.



Waterwise Plant of the month

Gaura lindheimeri
"Whirling butterflies"

Whirling butterflies is a hardy perennial. It is crowned with graceful spikes of delicate white flowers that are blushed with pink all summer. This perennial has an extended bloom season that will continue through most of the growing season if deadheading is done regularly. The delicate four-petaled flowers open white and fade to pink as they age. It sows freely and is tolerant of heat, drought and high humidity, making it ideal for the deep South. It grows at a moderate rate to reach a height of 2-3 feet and prefers well-drained fertile soil and sun to partial shade. It is considered drought tolerant and comes in pink or red.

Phone numbers and a website you might need to know during this year's hurricane season.

*To report water outage or emergency repairs:
Call 800-255-2069 or 386-822-6465.*

Another helpful site:

www.floodsmart.gov

Water restrictions are still in effect! Please call 386-736-5998 to find out your watering days and times. You also may visit:

www.volusianwater.org
for helpful conservation tips.