## New devices raise eyebrows

Series: St. Lucie West Underground

Storm water seems to magically disappear from the roads in St. Lucie West.
But it's not magic
— it's infrastructure.
Turning on a faucet in, say, Lake Forest Pointe activates another huge infrastructure that costs millions to build, maintain and run.
Your Voice News & Views is taking a tour of the St. Lucie West Services District which is responsible for all things water.

Patrick McCallister
STAFF WRITER
pmccallister@YourVoiceWeekly.com

ST. LUCIE WEST — They're boxy, they're green, they're getting negative attention, and they're making the water better. They're automatic potable water

flushing devices.

At the St. Lucie West Services District's Board of Supervisors last regular meeting — Tuesday, May 3 — Dennis Pickle, manager and utilities director, said new flushing systems that are mostly on cul-de-sacs have generated phone calls.

"We're getting a few complaints they're ugly," Pickle said at the meeting

The new flushing systems are in enclosures made by Channell Corporation. They're about 28 by 18 inches, and about 15 inches tall. Pickle said the district picked green rather than the conventional potable-water indicator of blue, so the boxes would be better camouflaged. Still, they are hard to miss. But, the flushing devices aren't just generating

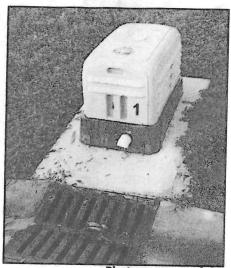


Photo courtesy of the
St. Lucie West Services District
Green boxes have popped up around St.
Lucie West generating some complaints.
They're also generating compliments.
The boxes cover automatic potable water flushing devices that are ridding deadend lines of sitting water. Some have called the district to say they're ugly. Others have called to say the water tastes better.

complaints.

"We're getting word the water tastes better," Pickle said at the meeting.

In a phone interview, Pickle said water taste is largely subjective and the flushing system isn't for pleasing the palate. But, he said, if folks like the water better, the district is pleased. The new flushing systems are increasing the quality of the water, however.

At the meeting and in the interview, Pickle said when waterlines were laid in St. Lucie West some were dead-ends, lines that don't loop to others.

"When you have a looped system you typically don't have a line where water can build up and get stagnate," Pickle said.

Because waterlines are perpetually pressurized, water can sit in dead-end lines indefinitely. That's especially so in St. Lucie

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West, because many residents are seasonal and not around to, say, take showers part of the year. Every use helps move the water.

"What we've been doing in the past is going out there every quarter and flushing (dead-end lines) by hand," Pickle said in the interview.

The flushing systems are increasing the line flushing, and reducing the labor time doing it.

"You just go by periodically and check on it to see that it's doing what it's supposed to be doing," Pickle said.

The flushing systems are battery operated. Pickle said they'll last about a year each. They're set up to flush weekly in early morning hours. For example, one at 571 Sanctuary Drive will flush at 3:30 a.m. Some will flush at 3 a.m., such as on at 340 N.W. Millpond Cove. Most will flush at 4 and 4:30 a.m. About a dozen of the flushing devices have been set up so far, and more will follow.

There is a downside — the flushes are set up on timers that don't pay attention to weather conditions. Pickle said at the meeting there's likelihood that the flushers will sometimes do their thing during storms. He

doesn't' anticipate that would be much noticed.

But, people are noticing the flushers, and some find them aesthetically displeasing. Pickle said he hopes that the district's customers who see them as monstrosities will see the beauty in the beasts.

"To me it's not that ugly and it provides a valuable tool to keep our man hours in other places," Pickle said.

Meaning the district has one less expense to add to the chances it can go more fiscal years without raising utility rates. There hasn't been a rate increase from the district since 2010.

The district is a Community Development District, which is a hybrid creation of the State Legislature. The districts operate as governmental bodies to deliver some municipal services, such as water and sewer. It doesn't gain any revenue from property taxes, although some assessments to pay debt on certain projects are paid along with property taxes.

The St. Lucie West Services District handles water, sewer and storm-water management for St. Lucie West's residential and commercial areas.

Next Uup - Aqua Harvesters: 'What is that strange thing in the water?'