



# What's New with Water?

**This log will provide weekly updates and community impacts about our Water Works Projects.**

Through its comprehensive Water Works program, the City of Winter Springs is making a significant investment in long-needed improvements to the City's water, wastewater, and reclaimed water systems. These repairs include work at the City's water plants to improve the drinking water's taste and smell. The City is also undertaking repairs at its two wastewater treatment plants, which are more than 50 years old and in poor condition resulting in frequent breakdowns and treatment problems. The repair work has been challenging because the plants must remain partially operational while being repaired. This has caused disruptions in treatment, service interruptions to customers, increased odors, and other construction issues. We make every effort to keep these issues to a minimum, recognizing that we must make the crucial repairs to modernize these essential services for customers. The City is ultimately moving towards financing, designing, and constructing state-of-the-art new wastewater facilities, which will meet the community's needs for years to come.

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## **March 2021**

### **Week of 3/14/21:**

- **Water Plant No 1 (WTP1) Improvements** - Starting in April, the City will begin work at WTP1 to improve the water's taste and odor. Contractors have started moving onto the site to start the work.
  - **Water Plant No 2 (WTP2) Reliability** - The City has ordered a standby generator to replace an older standby pump at the facility. The generator is on order and is expected to be installed this summer when it arrives.
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- **East Wastewater Plant Priority Repairs** - A contractor is installing a new fine screen to prevent rags and other debris from entering the plant. The platform and screen have been erected and, over the next several weeks, will be connected to the plant piping.
  - **West Wastewater Plant Priority Repairs** - One of the two basins in the plant has been renovated. A new screen has been installed, a portion of the airline replaced, and the filters rebuilt. The contractors are finishing the work and making adjustments to equipment.
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- **New Wastewater Plants** - The City initiated the new wastewater plants' planning process last year and developed a master plan to identify options for replacing the plants. The City is now moving forward with exploring financing and initiating the design of the facilities. This will be an expensive process that, even moving quickly, will take several years to complete. Again, just like during the repairs this year, the new wastewater plants' construction must occur while the old plants continue to...

...operate. The current priority repairs are being made to keep the plants running while the new plants are built. The City's goal is to create modern plants that control odor, control noise, and produce superior water quality. This wastewater plant improvement project is also going to include improvements to parts of the sewer collection system, reuse system pipes and ponds, and some older sewer lift stations. All of these existing components are as old as the wastewater plants.

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**Reuse Water Update 3/18/21:** The reuse water system is currently having an issue with low water pressure. Maintenance teams are aware and working to resolve this challenge as soon as possible. If you have any questions or concerns, please contact Veolia's Wastewater Hotline for the City at 407-327-7579.

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### **Week of 3/21/21:**

- **Water Plant No 1 (WTP1) Improvements** - Contractors have begun moving onto the site with occasional exploratory digging and delivery of equipment and supplies. Starting in April, the construction crews will begin work at WTP1 to excavate and install pipes. This work will be on weekdays during daylight, and there will be one nighttime construction event. There will be periodic noise from heavy construction equipment backup alarms, engines, and hand tools. All this work is to improve the aesthetics of the taste and odor of the water.
  - **Water Plant No 2 (WTP2) Reliability** - The City has ordered a standby generator to replace an older standby pump at the facility. The generator is on order and is expected to be installed this summer when it arrives.
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- **East Wastewater Plant Priority Repairs** - A contractor is onsite installing new influent wastewater fine screens to prevent rags and other debris from entering the plant. A platform and the screens have been erected. Over the next several weeks, the new fine screens will be connected to the existing plant piping and placed into operation.
  - **West Wastewater Plant Priority Repairs** - One of the two basins in the plant has been repaired/renovated. A new screen has been installed, a portion of the airline replaced, and the filters rebuilt. The contractors are finishing the renovations and making adjustments to equipment. Reuse service has been restored to all customers, though some customers are experiencing low water pressure. The maintenance crews are aware of the issue and are working on the problem.
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- **New Wastewater Plants** - The City initiated the new wastewater plants' planning process last year and developed a master plan to identify options for replacing the plants. The City is now moving forward with exploring financing and initiating the design of the facilities. This will be an expensive process that, even moving quickly, will take several years to complete. Again, just like during the repairs this year, the new wastewater plants' construction must occur while the old plants continue to operate. The current priority repairs are being made to keep the plants running while the new plants are built. The City's goal is to create modern plants that control odor, control noise, and produce superior water quality. This wastewater plant improvement project is also going to include improvements to parts of the sewer collection system, reuse system pipes and ponds, and some older sewer lift stations. All of these existing components are as old as the wastewater plants.
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