

DEPARTMENT OF WATER RESOURCES  
Fulton County Government Center  
141 Pryor Street, Suite 6001  
Atlanta, Georgia 30303  
Telephone: 404-612-7400



Kun Suwanarpa, P.E.  
Interim Director

June 9, 2014

**Big Creek Water Reclamation Facility Immediate Needs Rehabilitation Project**

Dear Customer,

The Fulton County Department of Water Resources will be constructing upgrades to its Big Creek Water Reclamation Facility at 1030 Marietta Highway in Roswell. This project will improve the Big Creek Water Reclamation Facility by replacing treatment systems and equipment nearing the end of their useful life.

Construction is scheduled to begin in the 3rd quarter of this year and may continue until the middle of 2017. The construction schedule is due to seasonal and sequence requirements of the construction work.

**Since the majority of this project is equipment replacement, it is anticipated to have minimal impact, if any, on the surrounding community.** Construction activities will be limited to the plant site. During construction, trucks will be regularly entering the site to remove old equipment and material and bring in new material and equipment, and every reasonable effort will be made to prevent or reduce nuisances, such as noise, odor, and traffic. The contractor's working hours will be limited to 7 AM to 7 PM during week days. Although no work is anticipated outside of these hours, it may become necessary for the contractor to occasionally do so.

Additional details about the project are included in the following list of Frequently Asked Questions. Should you have any questions, please contact me at 404-612-7467 or [Brandon.Ward@FultonCountyGA.gov](mailto:Brandon.Ward@FultonCountyGA.gov) or visit our website at [www.fultoncountyga.gov/fcwr-home](http://www.fultoncountyga.gov/fcwr-home).

Thank you for your patience as we move forward with this project.

Sincerely,

Brandon Ward  
Engineer II  
Fulton County Department of Water Resources

**FREQUENTLY ASKED QUESTIONS:**

**1. What is the Big Creek Water Reclamation Facility?**

The Big Creek Water Reclamation Facility is a wastewater treatment plant and is located at 1030 Marietta Highway in Roswell. The plant was first constructed in 1969 and was most recently expanded in 1991 to its current treatment capacity. The plant is currently permitted to discharge 24 million gallons per day of treated water to the Chattahoochee River under the National Pollutant Discharge Elimination System (NPDES). The plant's service area is approximately 70 square miles and includes Roswell, Alpharetta, portions of Milton, and areas of Cobb and DeKalb Counties.

**2. Why is this immediate needs rehabilitation project necessary?**

The goal of this project will restore treatment capacity within the plant, it will replace treatment equipment nearing the end of their useful life, and it will incorporate additional enhancements to improve operational reliability.

You may refer to the aerial photo at the end of this FAQ for an overview of the areas within the plant to be upgraded.

**3. Is this the same project as the plant expansion and upgrade project which was being planned 6 years ago?**

No. The plant capacity expansion project was put on hold but this project includes many of the upgrades included in the previous planned project.

**4. What is the schedule for this project?**

It is expected that a Notice-to-Proceed will be given to the contractor sometime in June of this year and construction may last until the middle of 2017; however, it is anticipated that major construction activities will be completed earlier.

**5. Why is the project duration 3 years?**

The primary reason is that wastewater flow to the plant cannot be stopped and the plant must be able to treat all flow received at all times. Because of this, only a limited number of tanks or equipment may be removed from service at any one time and certain parts of the work may only be started after other portions are complete. Also, much of the equipment replacement is weather dependent, limiting much of the work between the months of April through November.

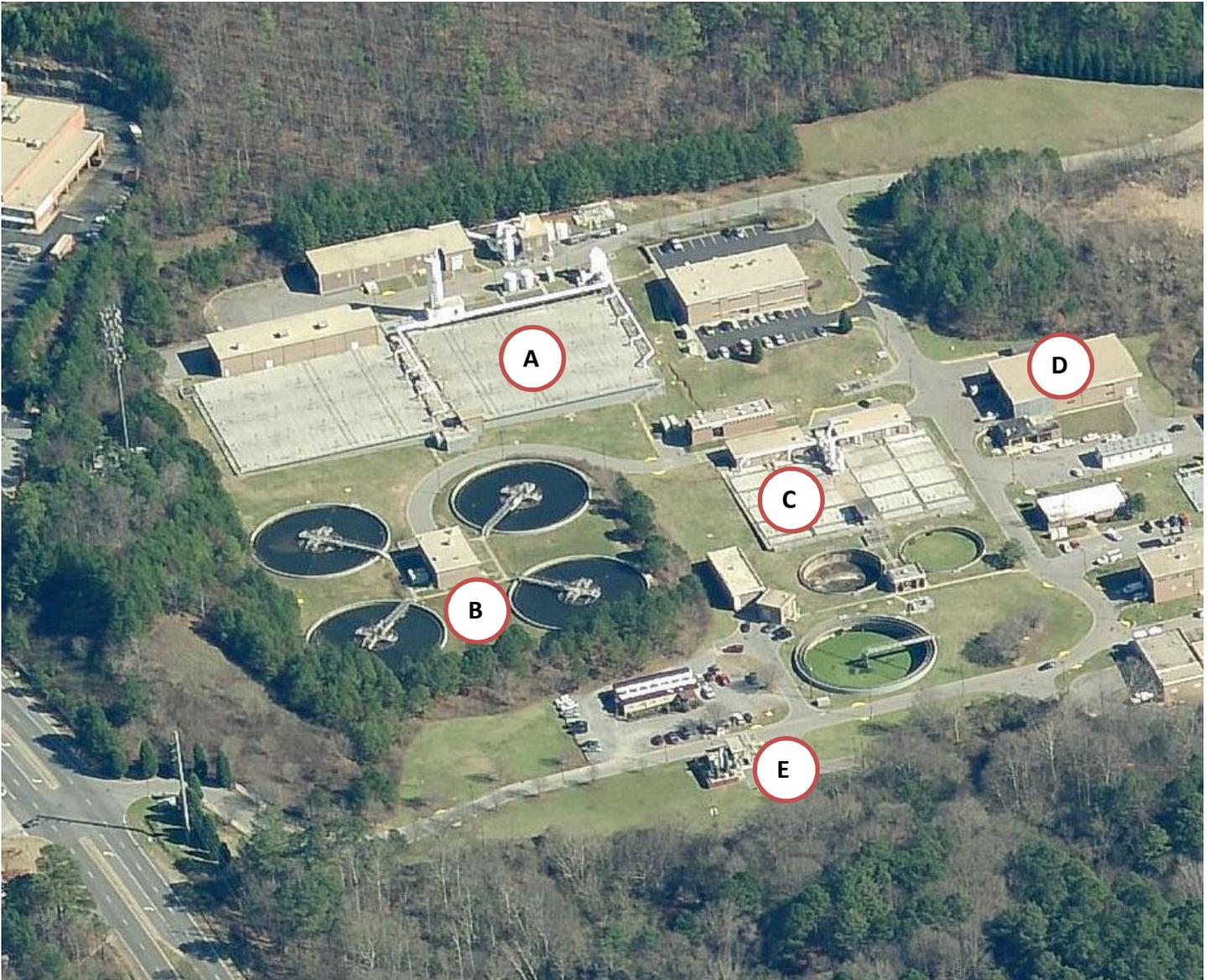
**6. What is the budget for this project?**

The budget for this project is \$22,192,000 which is funded with revenue from sewer bills.

**7. Who is the Contractor for this project?**

After the County received 5 competitive bids, Crowder Construction, Inc. has been awarded the construction contract for this project.

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**Aerial photo of the Big Creek Water Reclamation Facility**

- A.** Replacement and modification of the aeration basins equipment and systems
- B.** Replacement of the secondary clarifier equipment and systems.
- C.** Replacement and modification of the aerobic digesters equipment and systems.
- D.** Replacement of the solids handling equipment and new odor control for the solids handling building.
- E.** New odor control for an onsite pumping station.