

# Snapfinger Advanced Wastewater Treatment Plant Expansion Phase II

## Construction Update

Margaret Tanner, P.E., DWM Deputy Director

Monday, May 22, 2017 – 6:30 pm

- Welcome and Introductions
- Project Overview
- Community Outreach
- Contact Info
- Questions

## Construction Budget: \$187,869,380

- Construction Contractor – Archer Western
- 54-Month Schedule
- Scheduled completion date: June 31, 2018
  - With BOC approval, completion date could change to accommodate schedule delays



- **Largest project in DeKalb County history**
- **Upgrading and expanding the Snapfinger Advanced Wastewater Treatment Plant (AWTP) for the purpose of:**
  - Increasing wastewater treatment capacity
  - Continued compliance with both state and federal water quality guidelines mandated by the Environmental Protection Agency (EPA) and Environmental Protection Division (EPD)
- **Will help reduce the current level of noise, odor and light produced by the plant in the surrounding community**



# Department of Watershed Management CIP Program

## Construction Update



- **Project is 24% complete as April 2017**
- **Major Milestones:**
  - Completion of Soil-Nail-Wall
  - 70% of Mass Grading and Rock Removal
  - 60% of Concrete Foundations for Membrane Building (MBR) and Aeration Tanks
  - Demolition of Existing Final Clarifier No. 12B
  - 25% of Solids Dewatering Building
  - 50% of major underground piping

- **Current Focus of Construction:**

- Concrete Walls of MBR and Aeration Tanks
- Mass Grading and Rock Crushing
- Underground Piping
- Solids Dewatering Building





- Aeration Basins & MBR at 20% completion (April 2017)



- MBR Structural Wall under construction
- Once backfilled will be underground





## NEXT PHASE OF CONSTRUCTION:



- New access road for construction site
- New “Grit Chamber”
- 72-inch water pipe line to Chlorine Chamber

## NEXT PHASE OF CONSTRUCTION:

- Rock fracturing using controlled blasts: June-August 2017 (*weather permitting*)
- 25-30 total blasts
- 3 blasts per week, maximum
- 50% to 70% smaller than previous
- Controlled, matted, trench blasts
- Total of 21 seismographic monitors in and around the site





## BLASTING COMPLAINTS/CONCERNS

Archer Western Contact Information:



Clay Strovinkas

470-443-9210 or 470-485-0863

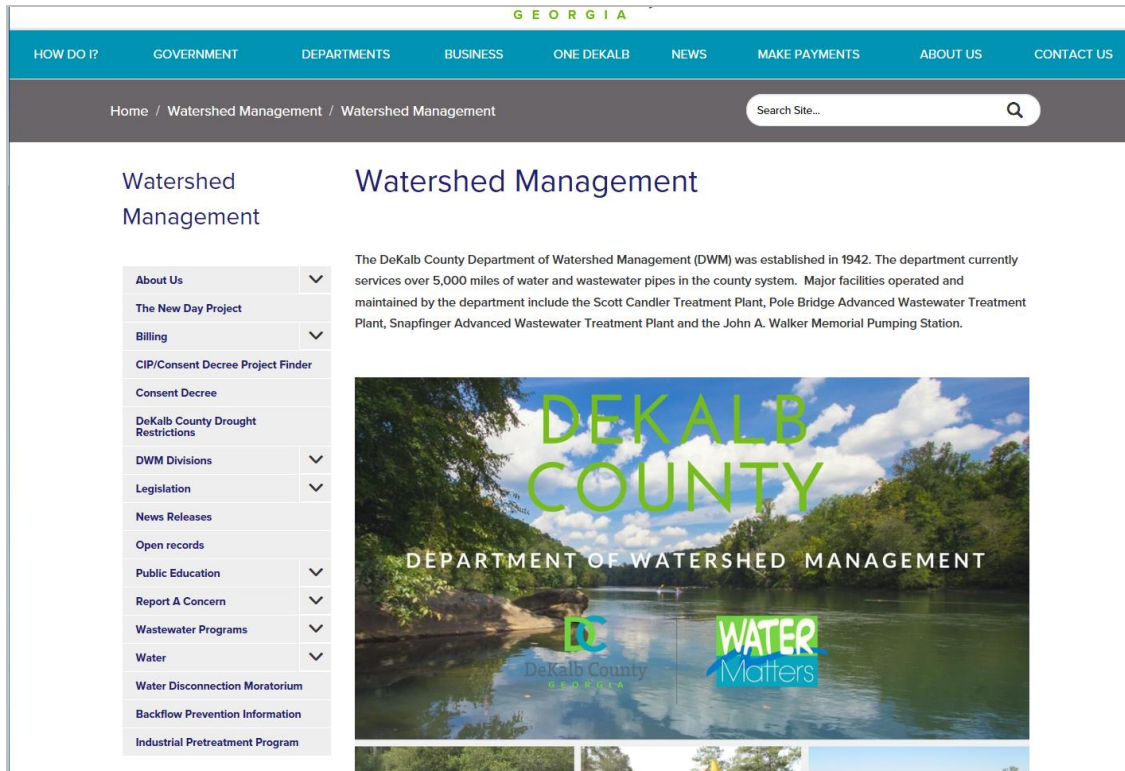
[cstrovinkas@walshgroup.com](mailto:cstrovinkas@walshgroup.com)

## HOW WE WILL KEEP YOU INFORMED



- Quarterly Block Captain Meetings
- Community Construction Update Meetings
- Project Bulletins and Flyers
- Door Hangers
- Social Media –  

## HOW WE WILL KEEP YOU INFORMED



- Website — [www.dekalbwatershed.com](http://www.dekalbwatershed.com)
- Contact Us
  - Email: [projectinfo@dekalbcountyga.gov](mailto:projectinfo@dekalbcountyga.gov)
  - Phone: 1-800-986-1108
- Call Us If You Need Special Accommodations



# Questions?