

# Edisto Beach RO Plant & Support Equipment

## Progress Report

Report No. 30

August 2, 2019

Reported by: Arnold Ellison

1. Project inspection and the monthly progress meeting was performed Thursday, August 1, 2019.
  - a) RO Plant – The masonry work was stopped until tie-ins for the block walls to the steel frame could be installed. Masonry work will restart next Monday, 8/5/19.
  - b) Wet well inspection – The wet well is full of water for the leak testing.
  - c) Generator and Wells –The concrete base for well #9 was poured Thursday, 8/1/19.
  - d) The pumps and piping to all 3 wells will be installed by the well driller when he returns within the next 2 weeks and the discharge piping will be installed by W/S.
  - e) Well Water Quality - Results of the water quality testing for all 3 wells have been received and forwarded to T&H and to Harn for their evaluation. Well #8 is higher in dissolved solids, chlorides, sodium and conductivity that may require a reduction of blending when well #8 is in operation. A blend of one of the other wells with well #8 can lesson this problem. The 24-hour flow testing for each well may show improvement in the water quality for well #8. DHEC has been contacted about a temporary permit to use the concentrate discharge line for these tests.
  
2. August will be a time for installing the equipment inside the building. Items to be installed include:
  - a. Chemical feed systems
  - b. Harn RO equipment
  - c. Vertical turbine pumps
  - d. Process tanks and equipment
  - e. Electrical rough in

External work will include block walls, roof, siding and power to the wells.

The 3 well pumps and motors are on hand for installation

