

Edisto Beach RO Plant & Support Equipment

Progress Report

Report No. 39 October 11, 2019

Reported by: Arnold Ellison

1. Met with 11 DHEC employees on site who were training for inspections of RO plants. This was an excellent opportunity for Edisto Beach to help in this training as we are approaching the requirement to obtain operating permits over the next 2 months.

Following the 1 ½ meeting with DHEC we then met for our regular weekly progress meeting.

2. Work performed for the week included:
 - A. RO Plant – Process Room and building
 - 1) The stairways on both ends of the building were under construction.
 - 2) The three cartridge filters were being installed.
 - 3) The influent and effluent piping to the 3 skids were being installed.
 - 4) Plumbing was being installed for lab and restroom.
 - B. RO Plant – MCC/Control Room
 - 1) The MCC has arrived and was being installed.
 - 2) Conduit installation was continuing.
 - 3) Installed drywall in MCC
 - 4) Continued overhead conduit from MCC to RO skids.
 - C. RO Plant – Chemical rooms
 - 1) Completed wall framing.
 - 2) Installed protective wall coverings

3. Work scheduled for next week:

A. RO Plant –

- 1) Complete installation of cartridge filter.
- 2) Start installation of chemical feed systems.
- 3) Complete plumbing for MCC control room.
- 4) Complete installation of stairways.
- 5) Continue with installation of conduit from MCC to RO skids and other equipment.
- 6) Install wiring and controls for MCC.
- 7) Complete installation of piping to and from RO units.

B. Wells-

- 1) Install instruments and controls at wells #8 & #9.
- 2) Should have operating permits for raw water and concentrate discharge pipes next week.