

Meeting Notes

Subject	Peirce Island WWTF Upgrade – Monthly Public Construction Meeting
Date	October 18, 2017
Time	11:00 AM
Location	Portsmouth, NH

A public meeting was held at 11:00 AM on October 18, 2017 in Conference Room A at Portsmouth City Hall for the subject project. A record of the discussion follows:

Terry Desmarais, City Engineer, gave an introduction to the meeting and outlined the topics of discussion, including work completed since the last meeting, work to be completed in the coming month, work anticipated in the next six months, construction cost to date, summary of Consent Decree milestones, events and recreation, and public input.

The members of the Project Team in attendance introduced themselves, and included:

- Terry Desmarais, City Engineer
- Susan Woodland, City Deputy Attorney
- Jon Pearson, AECOM Project Manager
- Robert Dahlinghaus, AECOM Resident Representative
- Andy Brodeur, Methuen Construction, Project Manager

Terry noted that to obtain additional information regarding the project, there is a project website that can be accessed through www.cityofportsmouth.com/publicworks/wastewater/peirce-island-wastewater-facility/peirce-island-wastewater-facility-upgrade-project. The website is updated weekly with news and recreational information and contains a link to a reporting form that can be used to provide feedback or notify the City of any issues associated with the project.

Jon Pearson discussed work that has been completed this month. He noted areas where work is ongoing at the site, including:

- Headworks Building
- Yard Piping / Utility Service
- Grit Building
- Gravity Thickener No. 2
- Existing Administration Building / New Solids Building
- Electrical Facilities
- Biological Aerated Filter (BAF) Building

Jon reviewed photos of construction progress, including:

- Underground Piping and Utility Services – Installation of the main underground electrical service bringing power and communications to on site buildings is in progress and installation of the 48" force main conveying wastewater to the Grit Building from the Headworks Building is in progress.
- Grit Building – Interior: installation of the two new ferric chloride storage tanks has been completed. Exterior: work to extend the underground electrical system to the Grit Building is in progress.
- Headworks Building – Interior: installation of the aluminum channel covers is in progress. Exterior: doors, windows and the canopy have been installed.
- Existing Administration Building – Removal of items to be salvaged and relocated is in progress (i.e. primary sludge pumps and dedication plaque.)
- Temporary Housing for WWTF Staff – Work to outfit temporary trailers to provide office and control space, laboratory space, showers, etc. has been completed and staff has been relocated to the temporary facilities.
- Gravity Thickener No. 2 / Temporary Sludge Pumps – The temporary primary sludge pump bypass system has been installed as the primary sludge pumps from the existing Administration Building are being relocated to temporary structure in Gravity Thickener No. 2.
- BAF Building – Reinforcing, formwork, and concrete placement for elevated slabs, columns, above ground walls, and cell walls are in progress.

Andy Brodeur discussed work anticipated for the coming month, including:

- Continue underground piping installation near the Grit Building, including the installation of the 48" raw wastewater pipe and associated piping.
- Continue to install the odor control equipment and ductwork at the Headworks Building.
- Continue interior work at the Headworks Building, including doors, windows, skylights, mechanical, HVAC, plumbing, and electrical.
- Continue interior work at the new Electrical Building, including installation of the split unit and switchgear.
- Continue to install electrical manholes and ductbank system at the new Electrical Building.
- Complete installation of the temporary primary sludge pump station in Gravity Thickener No. 2 and complete the relocation of the pumps into the temporary structure.
- Begin demolition of the existing Administration Building.
- Continue reinforcing, formwork, and concrete placement for the BAF Building elevated slabs, columns and walls.
- Continue selective demolition in the Grit Building.
- Continue structural, mechanical process, HVAC, plumbing, and electrical work in the Grit Building.

Andy then discussed the work anticipated through the end of the 2017 calendar year, into March 2018, including:

- Headworks Building – Complete all work in and around the Headworks Building, including all process piping and equipment, odor control piping and equipment, HVAC, plumbing, and complete training and turnover activities so that the building can be put into service and turned over to the City.

- Headworks Building Surface Treatments – Complete all exterior surface treatments, including sidewalks and mowing strips (this does not include landscaping).
- Grit Building – Interior: Continue selective demolition and modifications to the existing process system, reconfigure the floor plan to allow for the new systems to be installed, perform modifications of Aerated Grit Chambers 1 & 2 including the installation of new grit transfer screws, continue installation of interior mechanical and process equipment and piping, continue installation of the plumbing and the electrical system, including the switchgear. Exterior: complete work on new roof and yard piping associated with the building.
- Gravity Thickener No. 2 – Begin to complete punch list items associated with the temporary primary sludge pump structure, install permanent dome cover and begin work on permanent yard piping associated with Gravity Thickener No. 2.
- Existing Administration Building/New Solids Building – Complete demolition of the existing Administration Building. Begin work on underground process piping, plumbing, and electrical work for the new Solids Building, begin work on the adjacent Sanitary Pump Station No. 1, and work on yard piping associated with the Solids Building and Sanitary Pump Station No. 1. Begin reinforcement, formwork, and concrete placement for the foundation of the Solids Building.
- BAF Building – Continue forming, reinforcing, and placement of concrete for the elevated slabs, walls, and columns, continue installation of process piping and equipment, begin installation of precast channel covers in the building, begin installation of piping under nozzle decks, begin installation of CMU walls on both ends of the building for the stairways, begin installation of electrical and plumbing, and begin installation of yard piping.
- Electrical Facilities – Complete installation and commissioning of the new Electrical Building and emergency generator system, and remove the existing overhead electrical system.

Jon provided an update on the project construction cost:

- Original Contract: \$72.786 million
- Change Order No. 1: \$0.367 million
- Change Order No. 2: \$0.547 million
- Change Order No. 3: \$0.093 million
- Total Contract: \$73.793 million

Jon provided a summary of the project milestones set by the Consent Decree:

- Execute Contract to Construction Upgrades - Date: 9/1/2016 - Status: Complete
- Submit Two Additional Millstones for EPA Review and Approval - Date: 12/1/2016 - Status: Complete
- Additional Milestone 1: Transfer of the Existing SCADA system to the New Headworks Building - Date: 11/21/2017 - Status: On Schedule
- Additional Milestone 2: Startup and Testing of the Secondary Influent Pump Station in the New Solids Building - Date: 5/9/2019 - Status: On Schedule
- BAF Substantial Completion - Date: 12/1/2019 - Status: On Schedule
- Achieve Compliance with NPDES Permit Limits - Date: 4/1/2020 - Status: On Schedule

Jon noted that the project team is continuing to coordinate construction with community events. Upcoming events this month include the Halloween Parade, Seacoast Half Marathon, and Strawberry Banke Events.

Terry stated that there were no members of the community in attendance and therefore there was no question and answer session.

The next public construction meeting will be on November 15, 2017 at 11:00 AM in Conference Room A at Portsmouth City Hall.