

## Meeting Notes

Subject	Peirce Island WWTF Upgrade – Monthly Public Construction Meeting
Date	June 21, 2017
Time	11:00 AM
Location	Portsmouth, NH

A public meeting was held at 11:00 AM on June 21, 2017 at Portsmouth City Hall for the subject project. A record of the discussion follows:

Don Song, Wastewater Project Manager, 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, events and recreation, and public input.

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

- Peter Rice, Director of Public Works
- Don Song, Wastewater Project Manager
- Terry Desmarais, City Engineer
- Jon Pearson, AECOM Project Manager
- Robert Dahlinghaus, AECOM Resident Representative
- Andy Brodeur, Methuen Construction Project Manager

Don noted that to obtain additional information regarding the project, there is a project website that can be accessed through [www.portsmouthwastewater.com](http://www.portsmouthwastewater.com). 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
- New Sanitary Pump Station
- Biological Aerated Filter (BAF) Building
- Gravity Thickener No. 2

Jon showed photos of construction progress, including:

- Headworks building – roofing has been installed, brick façade is nearing completion, and interior mechanical and electrical work is in progress
- Gravity Thickener No. 2 – perimeter walkway has been completed, tank has been hydrostatically tested, and concrete work is nearing completion

- BAF Building – beginning installation of the concrete base slab and rock that was removed during the excavation was crushed and stockpiled on site for reuse as backfill
- Access road - first layer of new pavement has been placed
- Four Tree Island Parking Lot – parking lot has been completed and is open to the public

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

- Continue underground piping installation near the new Headworks Building, including city water, plant drains, sanitary lines, odor control piping, and heat and refrigeration piping
- Complete the installation of the brick façade at the Headworks Building
- Complete the installation of the Headworks Building roofing
- Begin installation of doors and windows at the Headworks Building
- Continue installation of interior electrical, plumbing, HVAC, control wiring, and mechanical equipment within the Headworks Building
- Install concrete pad for buried propane tanks near the Headworks Building
- Bring Sanitary Pump Station No. 2 online
- Demolish the existing Filtrate Pump Station
- Demolish duct bank and scum tank to prepare for generator installation
- Begin excavation and construction of concrete pads for the new Electrical Building and standby generator
- Continue excavation and installation of underground piping near Gravity Thickener No. 2
- Start the installation of the temporary Sludge Pump Station inside Gravity Thickener No. 2
- Install reinforcing steel and concrete formwork for BAF Building foundation slab and walls

Andy then discussed the work anticipated for the next four to six months, including:

- Headworks Building – Complete installation of underground yard piping, complete underground electrical and communication duct banks, complete exterior envelope, complete installation of exterior mechanical equipment, complete installation of interior mechanical, electrical, plumbing, and HVAC, install new SCADA system, install miscellaneous concrete placements, install odor control equipment, and install buried propane tanks
- Grit Building – Continue selective architectural, structural, and mechanical modifications, install new scum pump station and temporary sludge storage tanks, begin installation of new ferric chloride system, and replace roof and roof drains
- Gravity Thickener No. 2 – Complete installation of temporary sludge pump station, install dome cover, and continue yard piping
- Electrical Facilities – Complete concrete foundation, install generator, install pre-cast electrical building and interior equipment, set transformer in place, complete duct banks, transfer power to new underground system, remove temporary overhead power system and temporary emergency generator
- BAF Building – Form and place concrete for base slab, walls, columns and elevated slabs, begin masonry work at east end of building, and continue yard piping at and around the building
- New Solids Building/Existing Admin Building – Relocate plant personnel and systems from the existing Administration Building to the temporary complex at pool parking lot, demolish existing Administration Building, and begin excavation for Solids Building

Jon mentioned that a public tour occurred at the facility on June 20 from 6-8 pm and noted that approximately 40-50 people were in attendance.

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
- Total Contract: \$73.700 million

Jon noted that the project team is continuing to coordinate construction with community events. Upcoming events include the Summer in the Streets Music Series, Pack and Boots 5K, Portsmouth Professional Fire Fundraiser, Cystic Fibrosis Foundation Bike Tour, NH Art Association Wet Paint Out Weekend, and Strawberry Banke Events.

A question and answer session then occurred, and is summarized below:

Paige Trace asked the following:

Q: Ms. Trace requested various information regarding the work on the Four Tree Island Parking Lot, including the depth of excavation, stormwater discharge, and archaeological supervision.

A: The City noted that these questions were also raised by Ms. Trace in a letter to the EPA and will be addressed in the EPA's response to her.

Q: Can the City confirm that the upgrade to the Four Tree Island Parking Lot was a permanent upgrade?

A: The upgrade to the Four Tree Island Parking Lot is temporary. However, the City Council may vote in the future to make it permanent.

Q: How was the Four Tree Island Parking Lot funded?

A: The Four Tree Island Parking Lot was funded through Change Order No. 2 and the State Revolving Fund (SRF). DES approved the use of SRF funds prior to the change order.

Q: The fence is partially down around the historically sensitive area on site. Why is it down and when will it be fixed?

A: A portion of the fence was removed to facilitate construction of the Gravity Thickener No. 1 Scum Pump Station in the area. IAC, who is the archaeological subconsultant to AECOM, was consulted and they concurred with that approach. IAC staff will be on site to observe all the work in that area. The project team is also aware of the sensitivity of the area and will take necessary precautions. The fence will be replaced following the completion of the work.

Q: Is there a surface water permit for the runoff from the BAF Building excavation? Why is the runoff discharging into a "kiddie pool" instead of a frac tank for treatment?

A: Yes there is a permit for the discharge from the BAF Building excavation. The "kiddie pool" is actually a sedimentation basin that captures sediment. The frac tank was being used when the volume of water being discharged was larger than it is now due to

dewatering operations. Now that less water is being discharged, the frac tank is not needed and the sedimentation basin is being used to treat the runoff.

Q: Has the design of the BAF Building changed? How many cells are there?

A: No, the design of the BAF Building has not changed. There are six cells in each of the two stages and the design basis is five cells in operation with one in backwash.

Q: Have there been any change orders to date? What is the upcoming request for \$6.9 million?

A: As noted earlier in the presentation, there have been two change orders to date. The \$6.9 million final bond is for the balance between what has been funded to date (\$85 million) and the current projected total cost of the project, including contingencies and engineering (\$91.9 million). The project cost of \$91.9 million appears in the Fiscal Year 18 CIP.

Q: The bus carrying workers to and from the site was seen speeding and construction vehicles have not been fully stopping at intersections. Will these issues be addressed?

A: The City is continuing to monitor construction related traffic in a number of different ways and will continue to address these issues.

The next public construction meeting will be on July 19, 2017 at 11:00 AM at Portsmouth City Hall.