



Peirce Island WWTf Upgrade Construction

Public Information Meeting

November 15, 2017

Topics of Discussion

- Introductions
- Work Completed Since Last Meeting
- Work to be Completed in Coming Month
- Work Anticipated in Next 6 Months
- Project Construction Costs
- Events & Recreation
- Public Input/Comments/Concerns
- Next Meeting



Introductions

- City Staff:

- Terry Desmarais, City Engineer, 603-766-1421
tldesmarais@cityofportsmouth.com

- Website:

<https://www.cityofportsmouth.com/publicworks/wastewater/peirce-island-wastewater-facility/peirce-island-wastewater-facility-upgrade-project>

- News and Updates
- Recreational Info
- Project Info
- Report Form
- Etc.





Areas of Ongoing Construction November 2017

Piscataqua River

New Electrical Facilities

Chem.

Ops. Bldg

Chlorine Contact Tank

Gen

Elec

Permanent Fence

BAF Building Rebar and Concrete

Biological Aerated Filter (BAF)

Headworks Construction

Yard Piping and Utility Service

Solids Processing Building

Demolish Existing Administration Building

Grit Building

Primary Clarifier No. 2

Primary Clarifier No. 1

GT1

GT2

Construction Staging Fence

GT 2/Temporary Sludge Pump Station

Grit Building Construction

Headworks

Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work Completed Since Last Meeting



November 15, 2017



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



November 15, 2017



Peirce Island WWTF Upgrade Construction

10

Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work to be Completed in Coming Month

- Continue underground piping installation near the Grit Building
- Continue to install odor control equipment and ductwork at the Headworks Building
- Continue interior work at the Headworks Building, including doors, windows, mechanical, HVAC, plumbing, and electrical.
- Continue interior work at the Electrical Building
- Continue to install electrical manholes and ductbanks at the new Electrical Building
- Continue installation of temporary sludge pump station at Gravity Thickener No. 2



Work to be Completed in Coming Month, Cont.

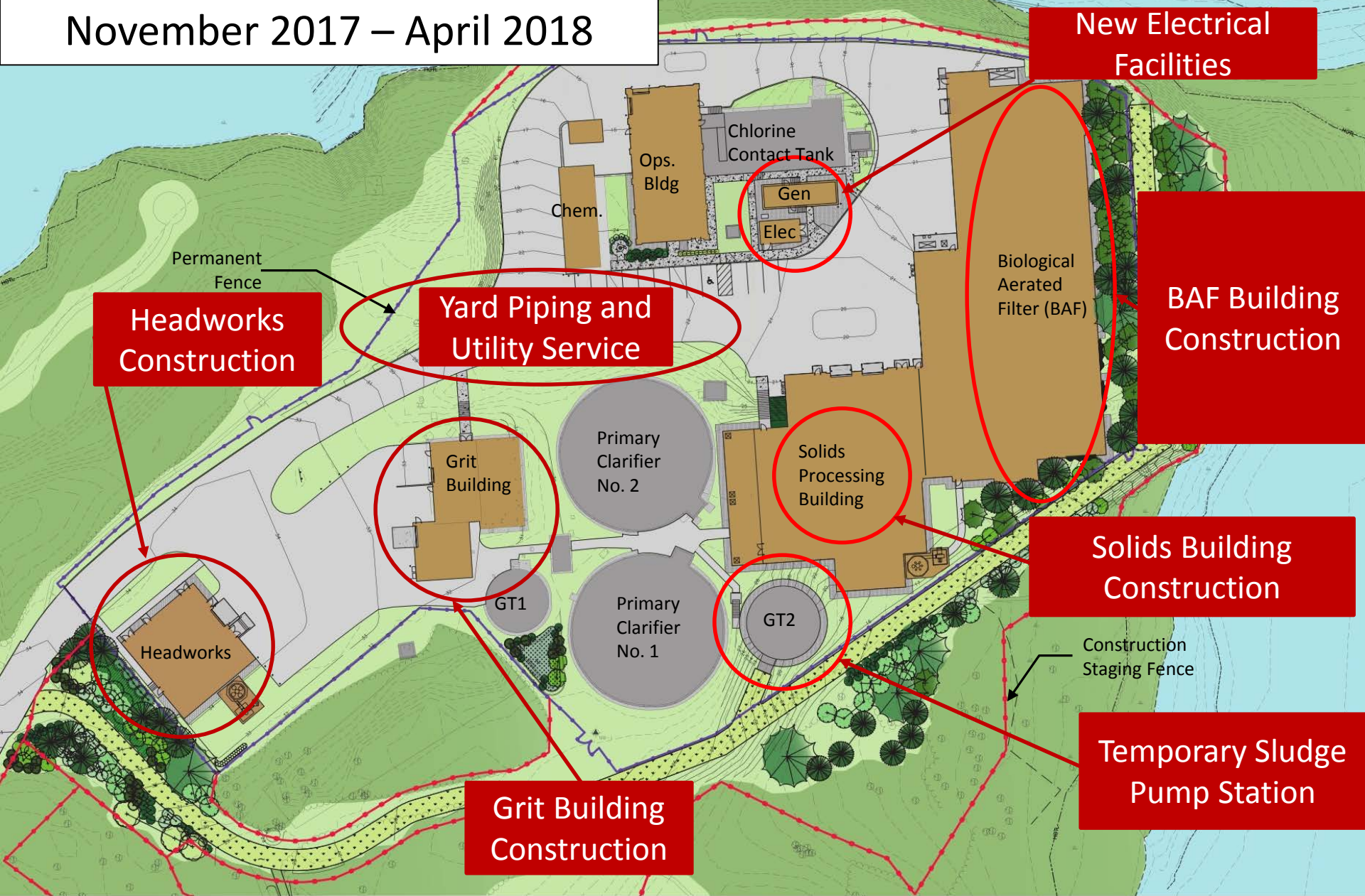
- Place temporary primary sludge pumps into service
- Continue installation of reinforcing steel and concrete for the BAF Building slabs and walls
- Continue selective demolition and structural, mechanical process, HVAC, plumbing, and electrical work construction in the Grit Building
- Begin installation of utilities under new Solids Building





Piscataqua River

Anticipated Construction November 2017 – April 2018



New Electrical Facilities

BAF Building Construction

Solids Building Construction

Temporary Sludge Pump Station

Grit Building Construction

Headworks Construction

Yard Piping and Utility Service

Headworks Construction

Grit Building

Solids Processing Building

Primary Clarifier No. 2

Primary Clarifier No. 1

GT1

GT2

Chem.

Ops. Bldg

Chlorine Contact Tank
Gen
Elec

Biological Aerated Filter (BAF)

Permanent Fence

Construction Staging Fence

Project Construction Costs

- 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



Consent Decree Schedule

Milestone	Date	Status
Execute Contract to Construct Upgrades	September 1, 2016	Complete
Submit Two Additional Milestones for EPA Review and Approval	December 1, 2016	Complete
Additional Milestone 1: Transfer of the existing SCADA system to the new Headworks Building	November 21, 2017	Complete
Additional Milestone 2: Startup and testing of the Secondary Influent Pump Station in the new Solids Building	May 9, 2019	On Schedule
BAF Substantial Completion	December 1, 2019	On Schedule
Achieve Compliance with NPDES Permit Limits	April 1, 2020	On Schedule



Events and Recreation

- Upcoming
 - Holiday Parade
 - Arthritis Foundation Race
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: December 20, 2017, 11:00 AM

