



Peirce Island WWTF Upgrade Construction
Public Information Meeting
March 21, 2018

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:

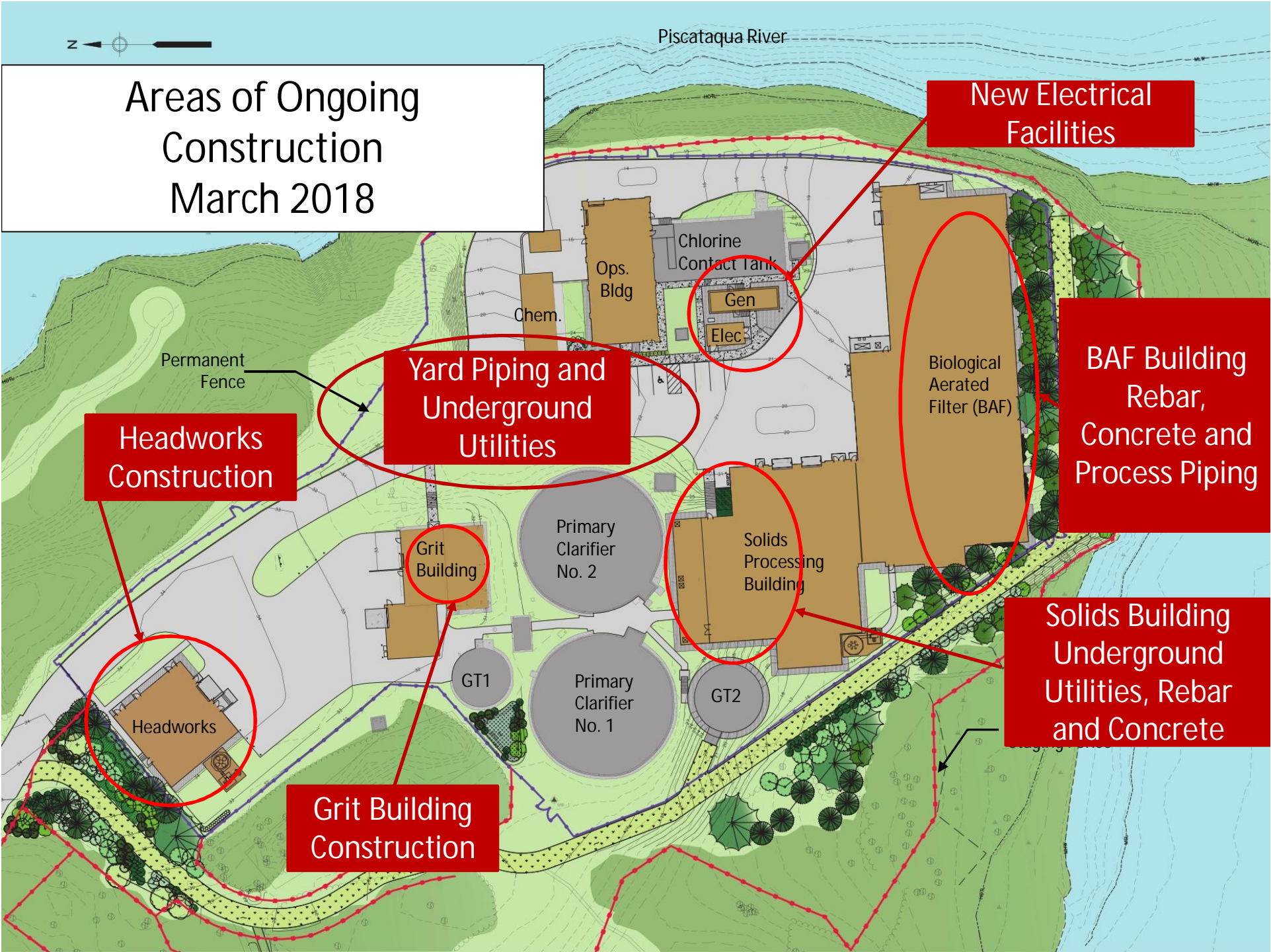
- Terry Desmarais, City Engineer, 603-766-1421
tldesmarais@cityofportsmouth.com

- 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 March 2018

Headworks Construction

Yard Piping and Underground Utilities

Grit Building Construction

New Electrical Facilities

BAF Building Rebar, Concrete and Process Piping

Solids Building Underground Utilities, Rebar and Concrete

Work Completed Since Last Meeting



Solids Building
Underground
Utilities, Rebar
and Concrete

BAF Building
Rebar and
Concrete

Headworks
Construction

Grit Building
Construction

Yard Piping &
Underground
Utilities

New Electrical
Facilities



Work Completed Since Last Meeting



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Work Completed Since Last Meeting



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Work Completed Since Last Meeting



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Work to be Completed in Coming Month

- Continue interior work at the Headworks Building, including doors, windows, mechanical, HVAC, plumbing, and electrical
- Continue startup and training for WWTF staff of equipment at the Headworks Building
- Continue selective demolition and structural, mechanical process, HVAC, plumbing, and electrical construction in the Grit Building
- Continue installation of reinforcing steel and concrete for the BAF Building slabs and walls
- Begin installation of process piping in Stage 1 of the BAF Building
- Continue installation of utilities under new Solids Building



Work to be Completed in Coming Month, Cont.

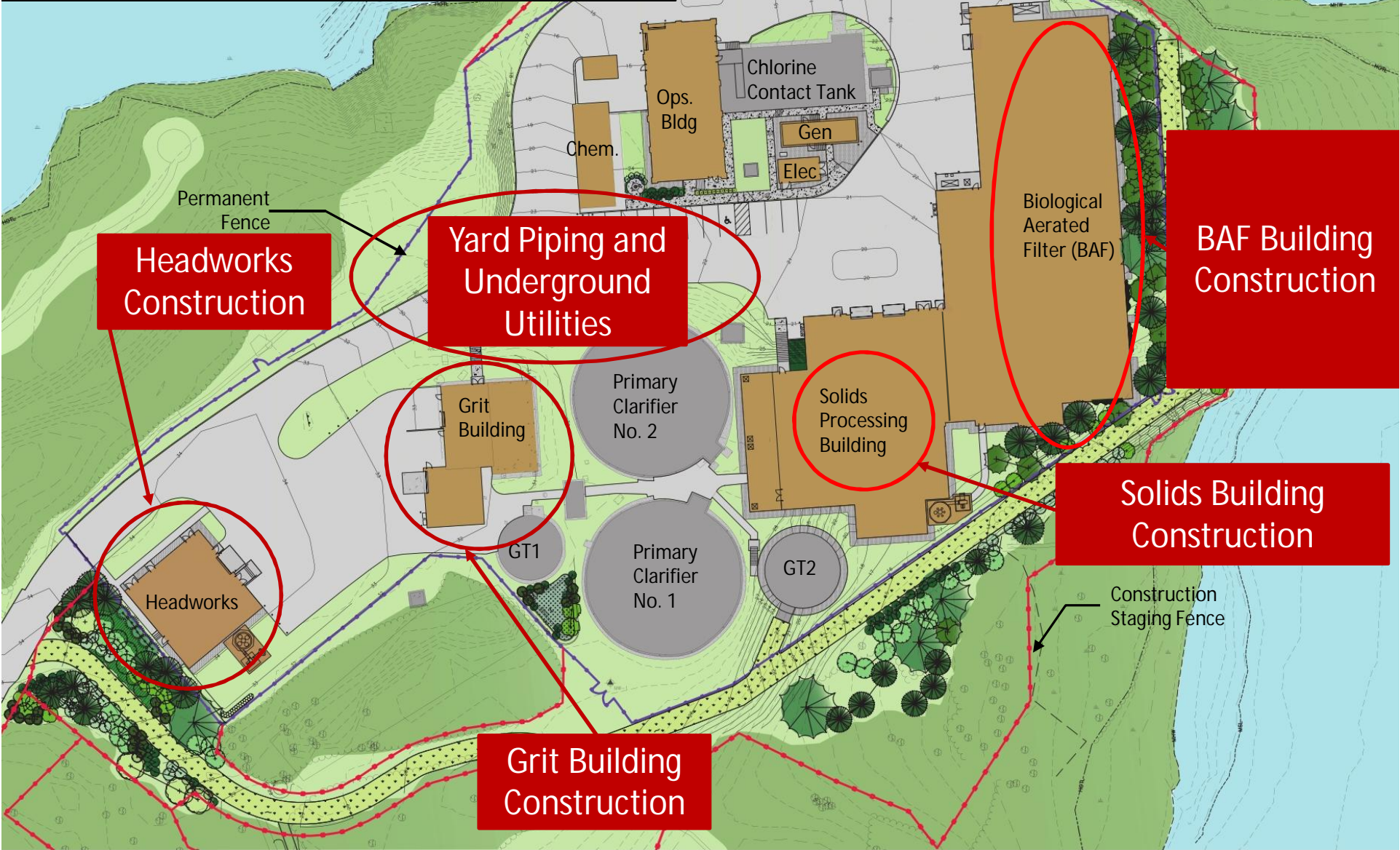
- Continue installation of reinforcing steel and concrete for the Solids Building foundation slab and walls
- Continue underground piping installation between the Grit Building, Solids Building, and BAF Building





Piscataqua River

Anticipated Construction March – August 2018



Headworks Construction

Yard Piping and Underground Utilities

BAF Building Construction

Solids Building Construction

Grit Building Construction

Permanent Fence

Construction Staging Fence

Headworks

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)

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
- Change Order No. 4: \$0.163 million
- Total Contract: \$73.956 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
 - Eastern States 20 Mile
 - New Castle Commons Road Race
 - National MS Walk
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: April 18, 2018, 11:00 AM

