



Peirce Island WWTF Upgrade Construction
Public Information Meeting
June 20, 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.





Piscataqua River

Areas of Ongoing Construction June 2018

Permanent Fence

Headworks Building

Yard Piping and Underground Utilities

Grit Building

Primary Clarifier No. 2

Primary Clarifier No. 1

Grit Building

Solids Processing Building

GT1

GT2

Ops. Bldg

Chlorine Contact Tank

Gen

Elec

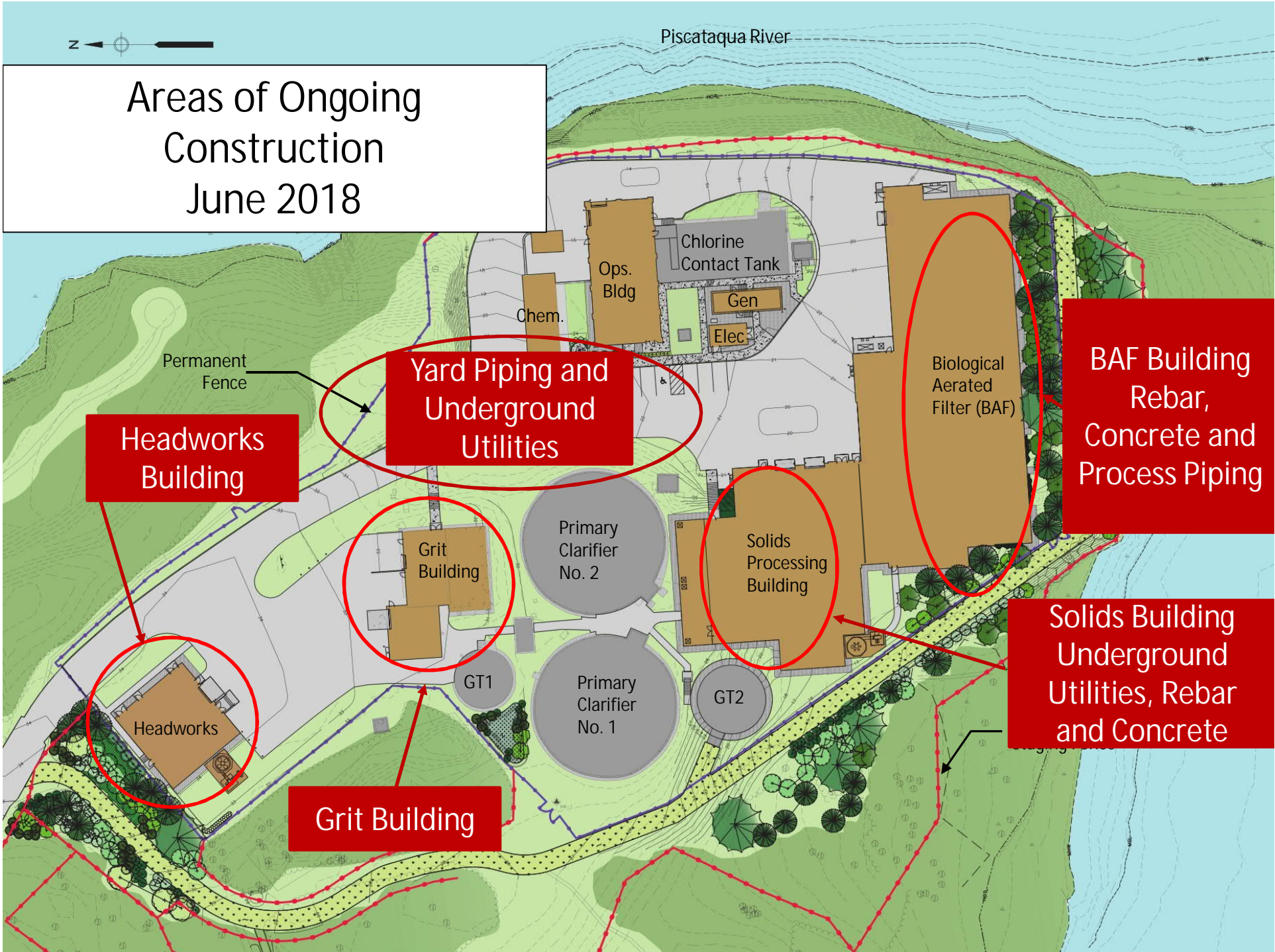
Chem.

Biological Aerated Filter (BAF)

BAF Building Rebar, Concrete and Process Piping

Solids Building Underground Utilities, Rebar and Concrete

Headworks



Site Overview November 2016



June 20, 2018



Peirce Island WWTF Upgrade Construction

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Work Completed Since Last Meeting



Work Completed Since Last Meeting



Aerated Grit Chambers

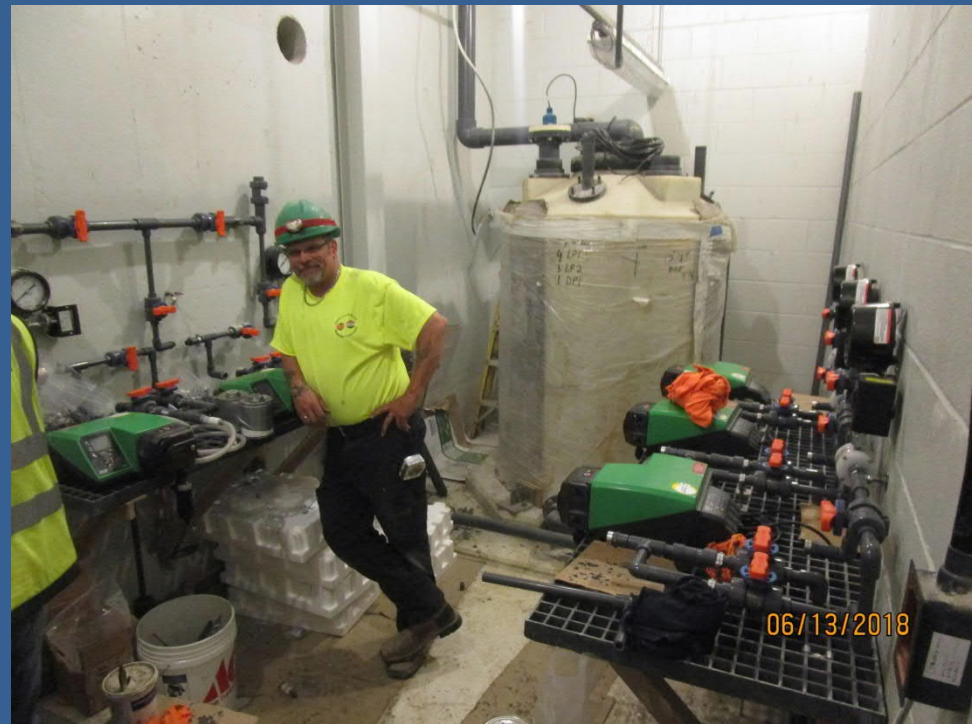


Work Completed Since Last Meeting



Aerated Grit Chambers

Work Completed Since Last Meeting



Grit Building

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Work Completed Since Last Meeting



Solids Building

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Work Completed Since Last Meeting



Solids Building

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Work Completed Since Last Meeting



BAF Building

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Work Completed Since Last Meeting



BAF Building

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Work Completed Since Last Meeting



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BAF Building

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Work Completed Since Last Meeting



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Yard Piping

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Work to be Completed in Coming Month

- Continue minor finish work at the Headworks Building
- Continue selective demolition and architectural, structural, mechanical process, HVAC, plumbing, and electrical construction in the Grit Building
- Continue work on process equipment installation in Aerated Grit Chamber No. 1
- Continue installation of reinforcing steel and concrete for the BAF Building slabs and walls
- Continue installation of process piping in Stage 1 of the BAF Building
- Begin installation of process piping in the BAF Building Gallery



Work to be Completed in Coming Month, Cont.

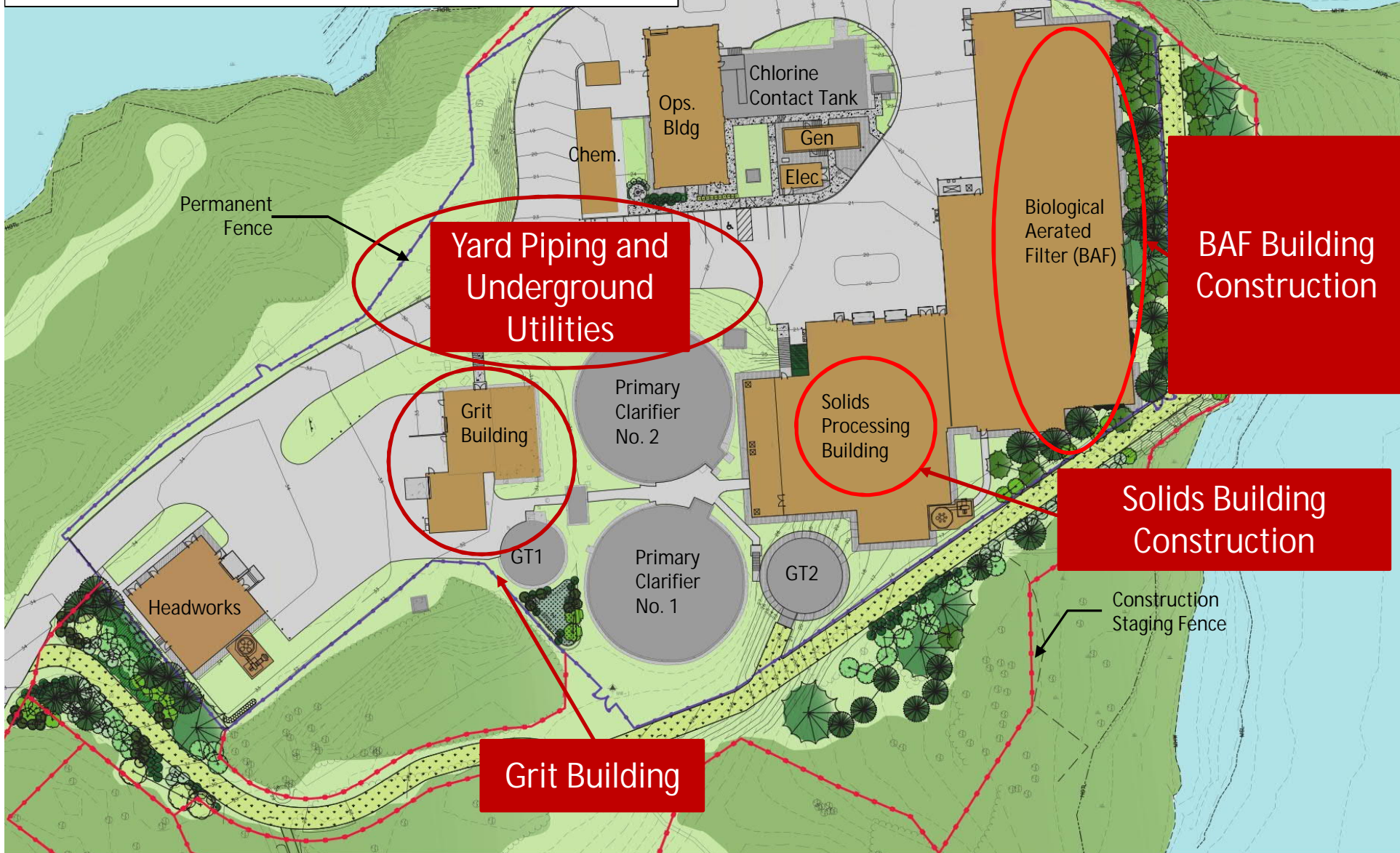
- Continue masonry work on BAF Building
- Continue installation of reinforcing steel and concrete for the Solids Building foundation slab, elevated slabs and walls
- Continue underground piping installation between the Grit Building, Solids Building, and BAF Building





Piscataqua River

Anticipated Construction June – September 2018



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
- Change Order No. 5: \$0.250 million
- Total Contract: \$74.206 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
 - Public Tour – Tentative Date July 24, 2018 5-7 pm
 - Susan G. Komen New Hampshire Race
 - Portsmouth PRIDE 2018
 - Solo Guitar and Piano Performances
 - St. John's Lodge March
 - Portsmouth Professional Firefighters Local 1313 Boot Drive
 - Pro Portsmouth Summer In the Streets Music Series
 - Veteran's Count Pack & Boots Run
 - Cystic Fibrosis Foundation CF Cycle for Life
 - Fife & Drum Corps Concert
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

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

