



Peirce Island WWTF Upgrade Construction
Public Information Meeting
July 18, 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 July 2018

Permanent Fence

Yard Piping and Underground Utilities

Ops. Bldg
Chem.
Gen
Elec

Chlorine Contact Tank

Biological Aerated Filter (BAF)

BAF Building Rebar, Concrete, Masonry, and Process Piping

Grit Building

Primary Clarifier No. 2

Solids Processing Building

Solids Building Underground Utilities, Rebar, Concrete, and Process Piping

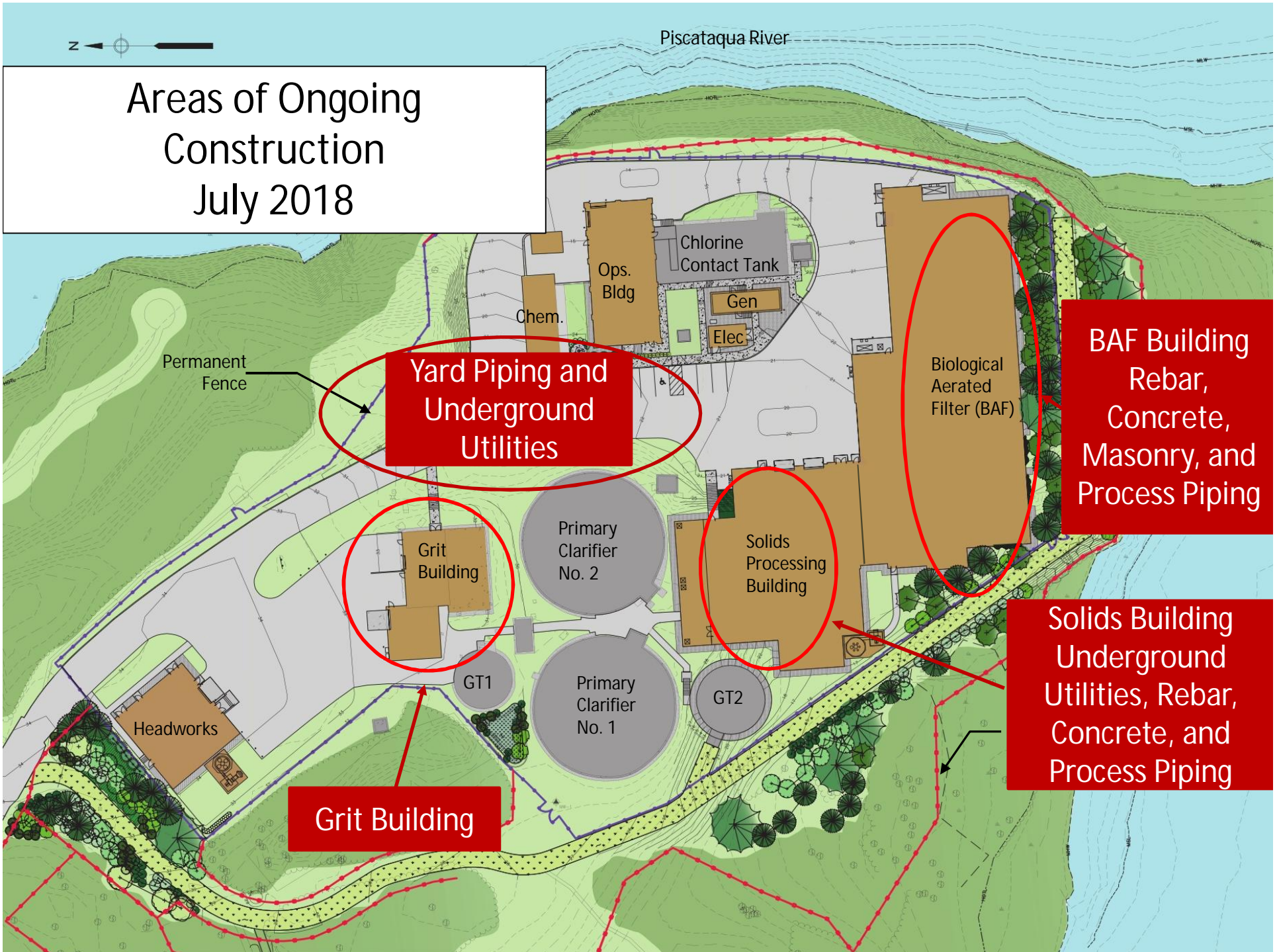
GT1

Primary Clarifier No. 1

GT2

Headworks

Grit Building



Site Overview November 2016



July 18, 2018



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting

Solids Building
Underground
Utilities, Rebar,
Concrete, and
Process Piping

BAF Building
Rebar,
Concrete,
Masonry and
Process Piping

Grit Building

Yard Piping &
Underground
Utilities



July 18, 2018



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



Aerated Grit Chambers

July 18, 2018



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



Aerated Grit Chambers

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Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



Grit Building

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Solids 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



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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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Peirce Island WWTF Upgrade Construction

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.

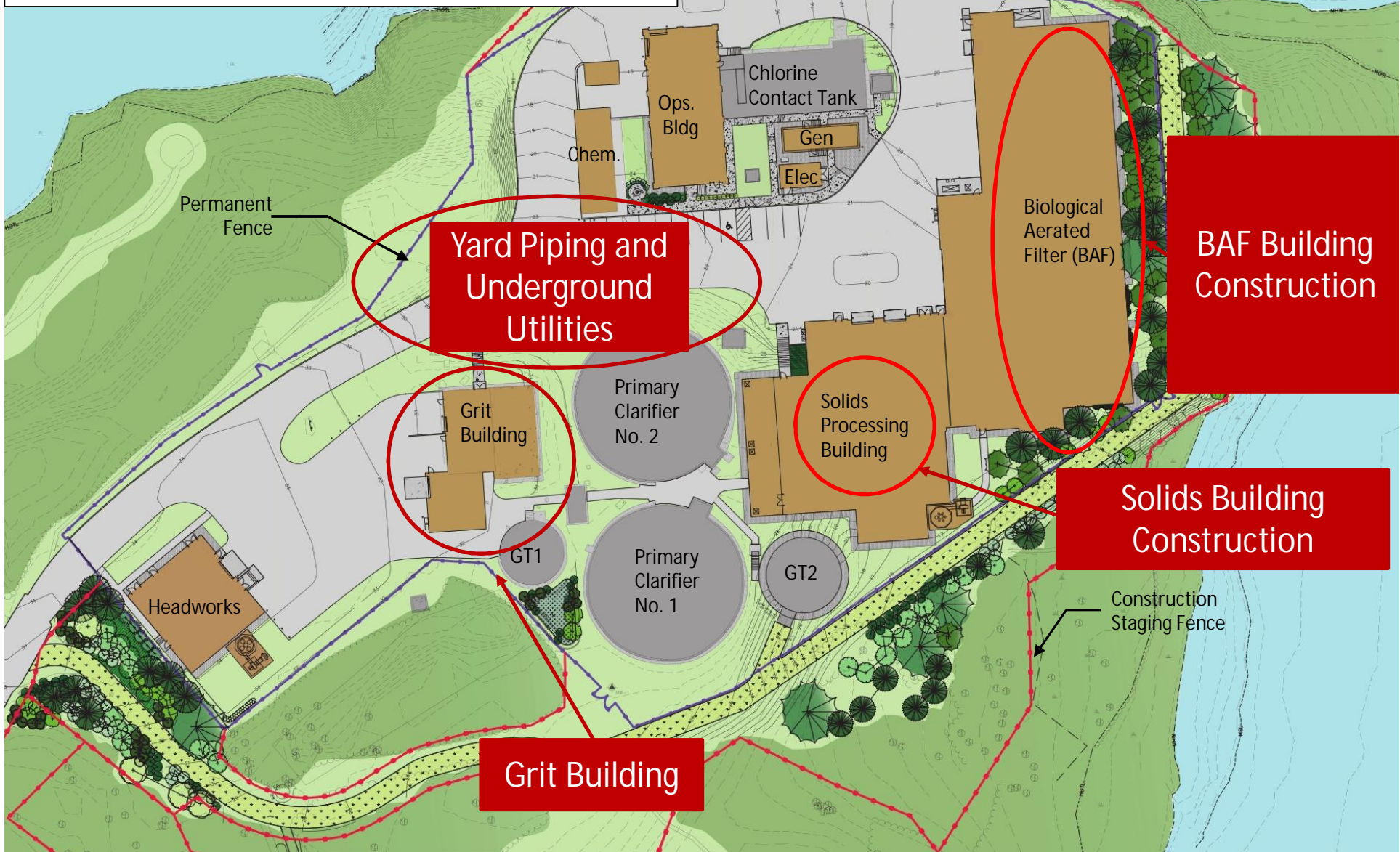
- Continue masonry work on BAF Building
- Continue installation of reinforcing steel and concrete for the Solids Building foundation slab, elevated slabs and walls
- Continue process piping in the Solids Building lower level
- Continue underground piping installation between the Grit Building, Solids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





Piscataqua River

Anticipated Construction July – January 2019



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



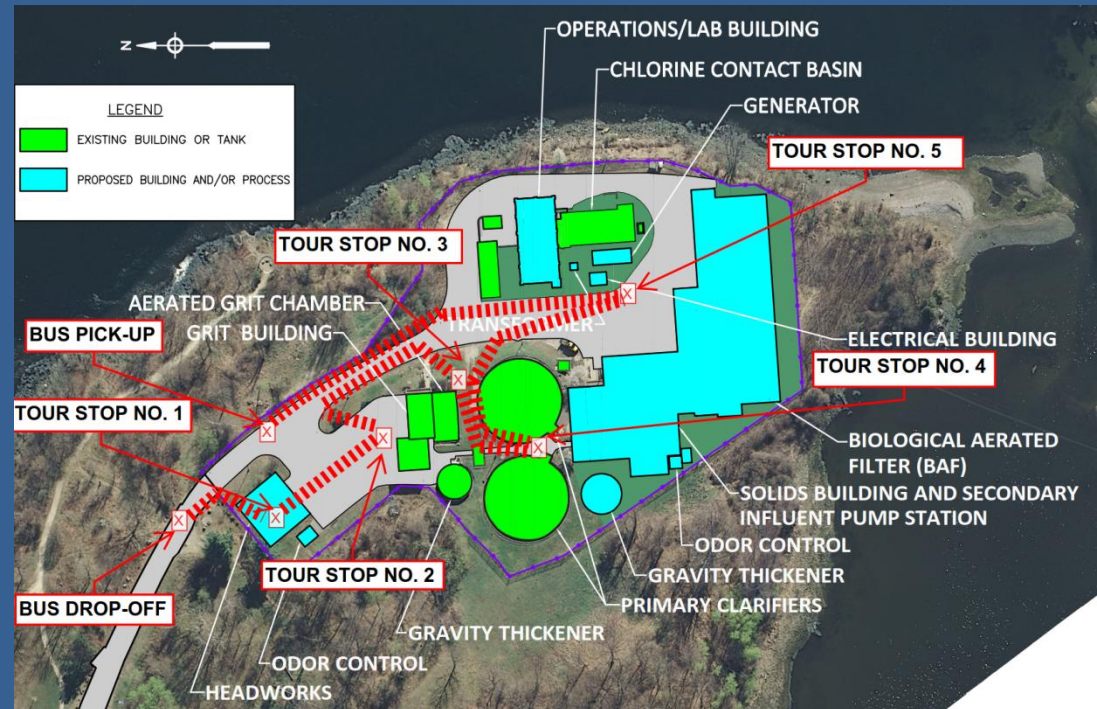
Events and Recreation

- Upcoming
 - Sail Portsmouth
 - NH Art Association – Plein Air Paint Out
 - Musical Performances at Vaughan Mall
 - National Night Out
 - Portsmouth Professional Firefighters Local 1313 Boot Drive
 - Round Island Regatta
 - Strawberry Banke Events



July 24 Public Tour

- Meet at Site Construction Gate Near Pool
- 5 to 7 PM
- Approx. 1 hr per tour
- First come, first serve
- Adults only, long pants, sturdy walking shoes or boot (no open-toe shoes)
- Not ADA accessible
- No rest rooms
- Contact Chris Berger (603-766-1446 or cmberger@cityofportsmouth.com) if you have limited mobility





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: August 15, 2018, 11:00 AM

