



Peirce Island WWTF Upgrade Construction

Public Information Meeting

September 19, 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 September 2018

Permanent Fence

Yard Piping and Underground Utilities

Grit Building

Primary Clarifier No. 2

Primary Clarifier No. 1

GT1

Solids Processing Building

GT2

Grit Building

Ops. Bldg

Chlorine Contact Tank

Gen

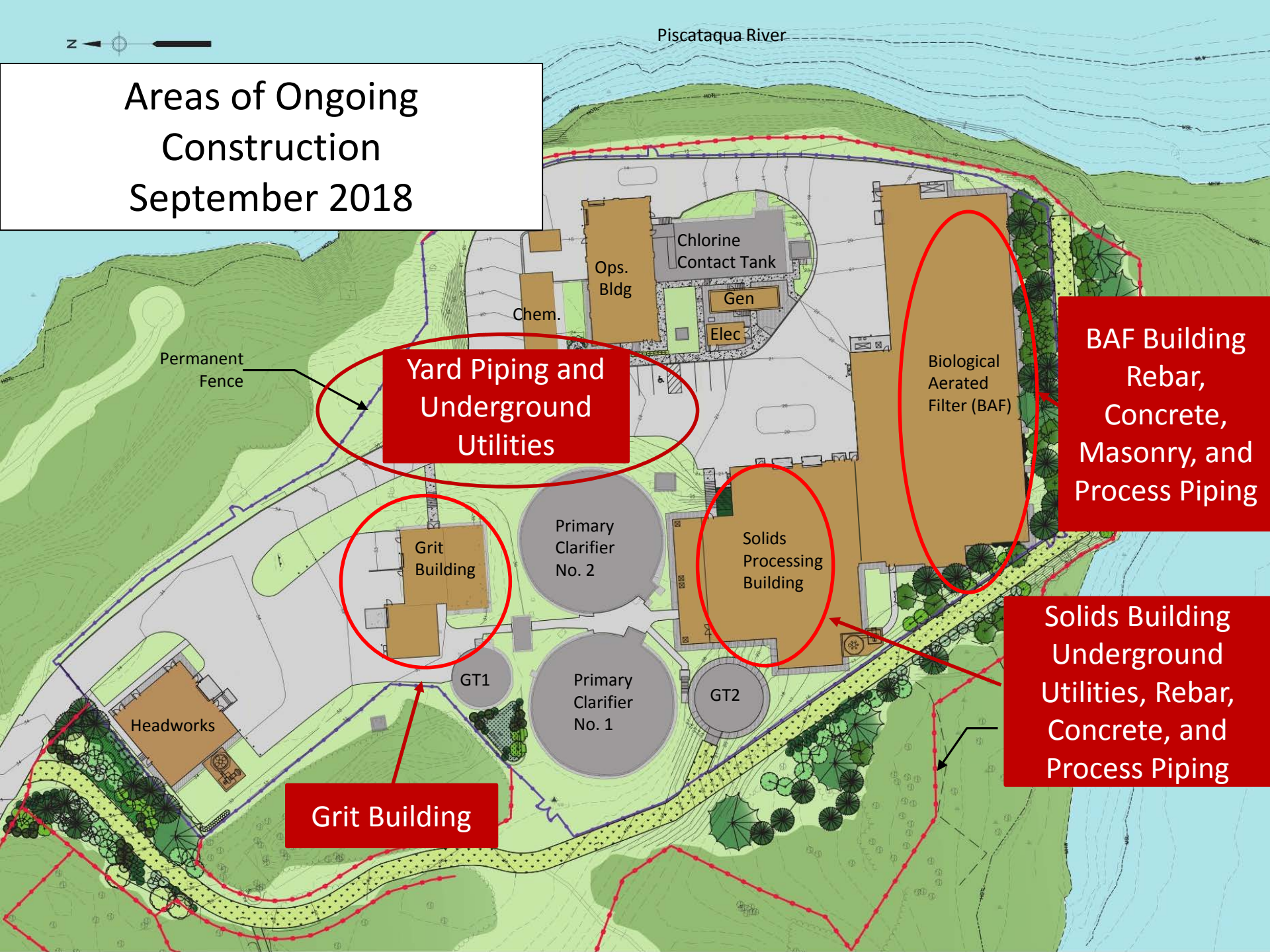
Elec

Chem.

Biological Aerated Filter (BAF)

BAF Building Rebar, Concrete, Masonry, and Process Piping

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



Site Overview November 2016



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



Work Completed Since Last Meeting



Grit Building



Work Completed Since Last Meeting



Grit Building



Work Completed Since Last Meeting



Solids Building

Work Completed Since Last Meeting



Solids Building



Work Completed Since Last Meeting



Solids Building



Work Completed Since Last Meeting



BAF Building



Work Completed Since Last Meeting



Work Completed Since Last Meeting



Work Completed Since Last Meeting



BAF Building

September 19, 2018



Peirce Island WWTF Upgrade Construction

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Work Completed Since Last Meeting



Yard Piping



Work to be Completed in Coming Month

- Continue minor finish work at the Headworks Building
- Continue architectural, structural, mechanical process, HVAC, plumbing, and electrical construction in the Grit Building
- Continue work on process equipment installation and startup 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 & 2 of the BAF Building
- Continue installation of process piping in the BAF Building



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 installation of equipment and 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 September – March 2019

Permanent Fence

Yard Piping and
Underground
Utilities

BAF Building
Construction

Grit Building

Primary Clarifier
No. 2

Solids
Processing
Building

Solids Building
Construction

Headworks

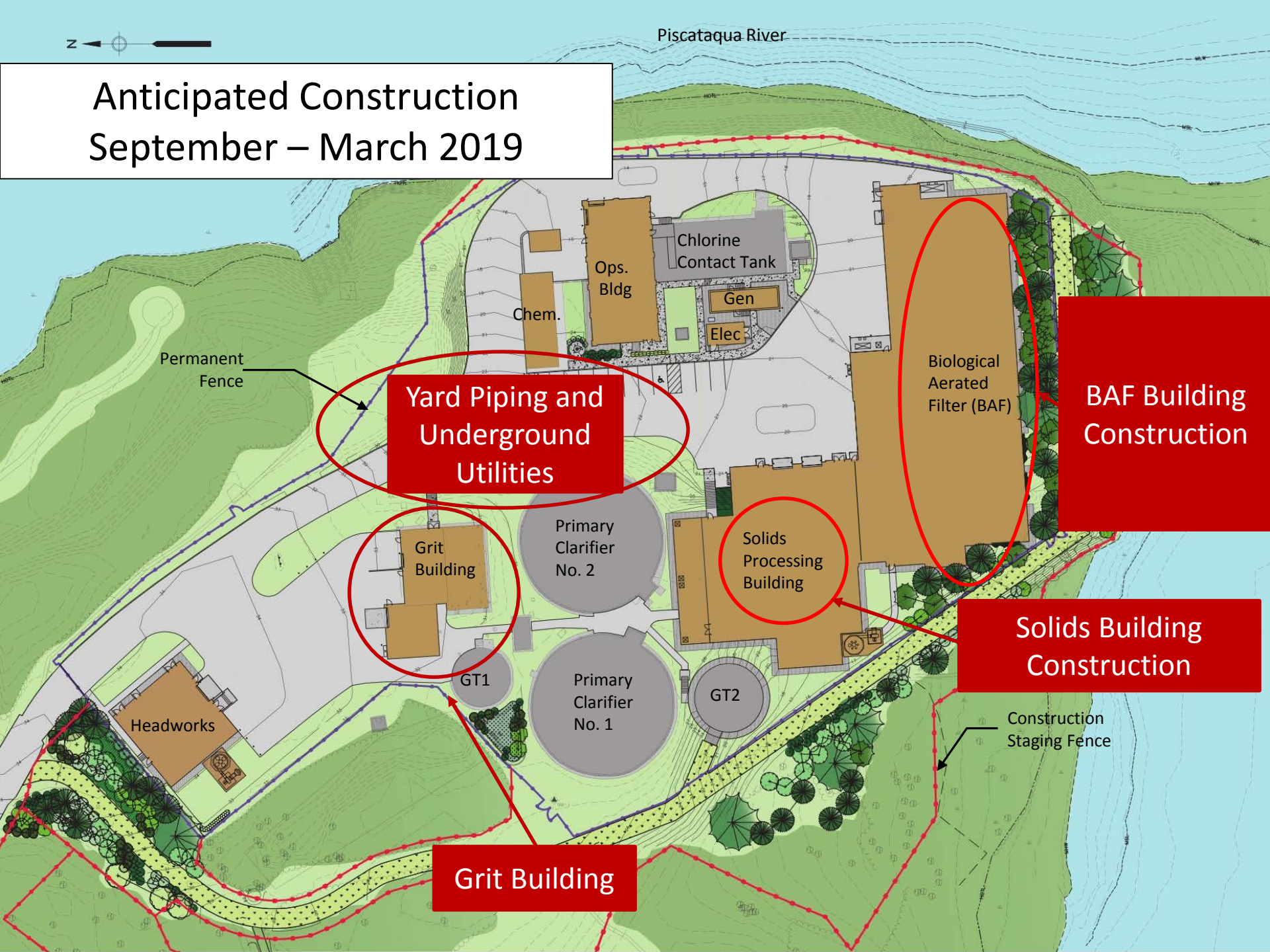
GT1

Primary Clarifier
No. 1

GT2

Construction
Staging Fence

Grit Building



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
 - Granite State Wheelmen Inc. – Seacoast Century Bicycle Ride
 - Friends of the South End Fairy House Tour
 - Musical Performances at Vaughan Mall Stage
 - Seacoast Walk to End Alzheimer's
 - Bottomline Technologies 5K Road Race
 - Portsmouth Maritime Folk Festival
 - 6th Annual Memorial Bridge 5K
 - NH Film Festival
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: October 17, 2018, 11:00 AM

