



Peirce Island WWTF Upgrade Construction
Public Information Meeting
May 16, 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>

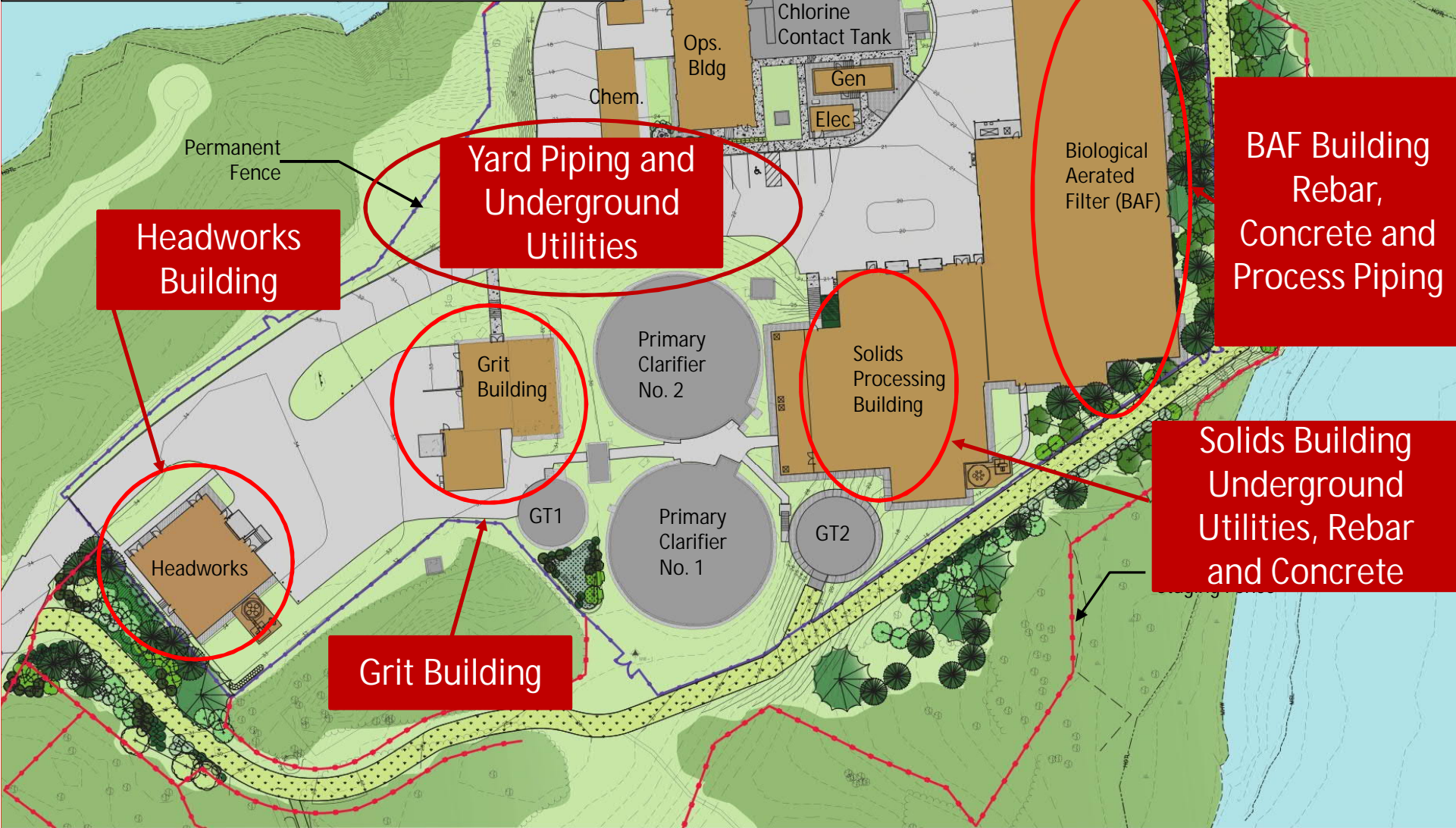
- News and Updates
- Recreational Info
- Project Info
- Report Form
- Etc.





Piscataqua River

Areas of Ongoing Construction May 2018



Headworks Building

Yard Piping and Underground Utilities

Grit Building

Solids Processing Building

BAF Building Rebar, Concrete and Process Piping

Solids Building Underground Utilities, Rebar and Concrete

Permanent Fence

Chem.

Ops. Bldg

Chlorine Contact Tank

Gen

Elec

Biological Aerated Filter (BAF)

Primary Clarifier No. 2

Primary Clarifier No. 1

Grit Building

GT1

GT2

Headworks

Work Completed Since Last Meeting

Solids Building
Underground
Utilities, Rebar
and Concrete

Headworks
Building

BAF Building
Rebar and
Concrete

Grit Building

Yard Piping &
Underground
Utilities



May 16, 2018



Peirce Island WWTF Upgrade Construction

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Work Completed Since Last Meeting



Headworks Building



Work Completed Since Last Meeting



Headworks Building



Work Completed Since Last Meeting



Grit Building



Work Completed Since Last Meeting



Grit Building



Work Completed Since Last Meeting



Solids Building

May 16, 2018



Peirce Island WWTF Upgrade Construction

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Work Completed Since Last Meeting



Solids Building



Work Completed Since Last Meeting



BAF Building

May 16, 2018



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Work Completed Since Last Meeting



BAF Building



Work Completed Since Last Meeting



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Peirce Island WWTF Upgrade Construction

Yard Piping

14

Work to be Completed in Coming Month

- Continue minor finish work at the Headworks Building
- Continue startup and training for WWTF staff of equipment at the Headworks Building
- Startup Headworks Building
- Continue selective demolition and architectural, 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
- Continue installation of process piping in Stage 1 of the BAF Building



Work to be Completed in Coming Month, Cont.

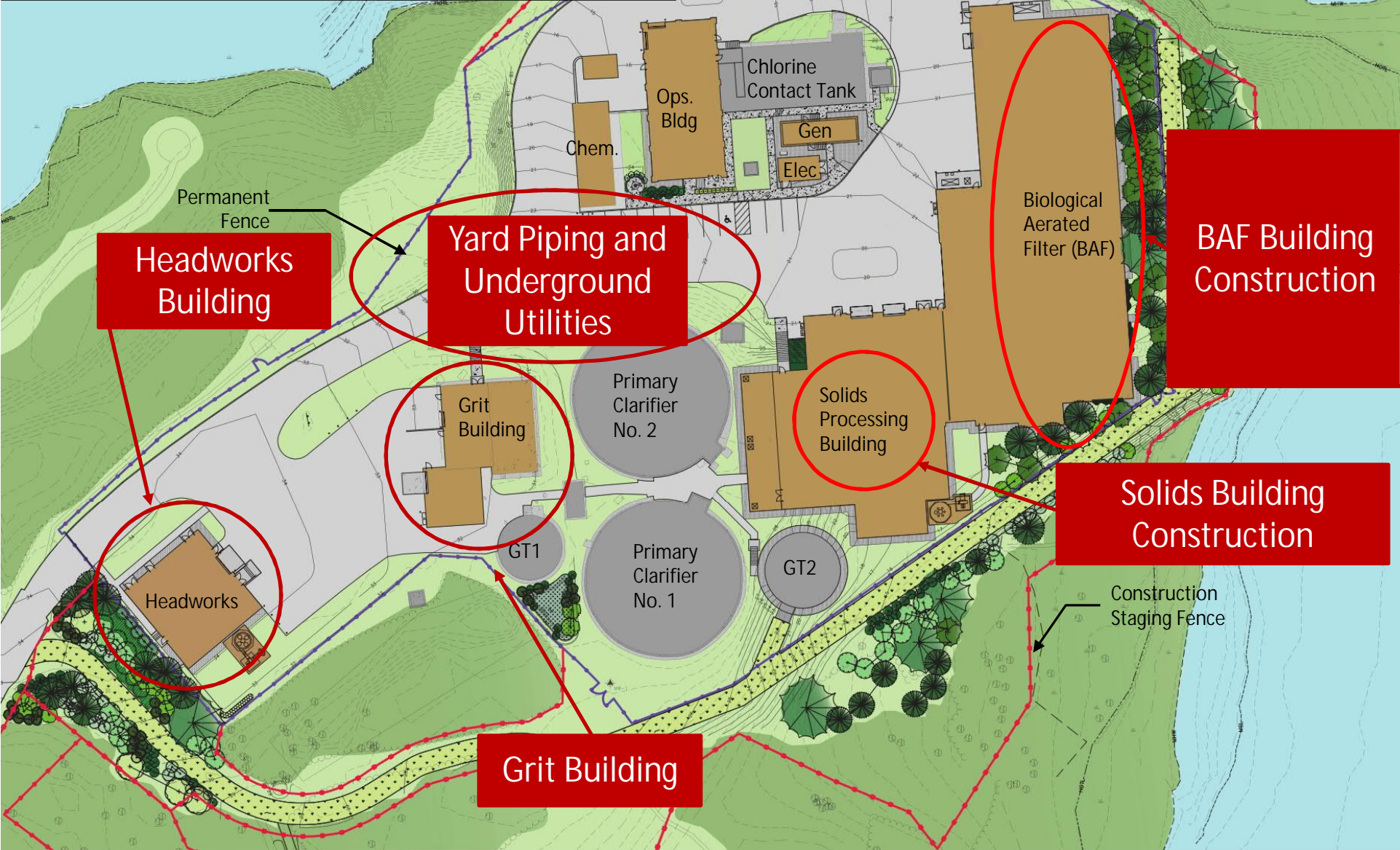
- Continue installation of utilities under new Solids Building.
- Continue installation of reinforcing steel and concrete for the Solids Building foundation slab and walls.
- Continue underground piping installation between the Grit Building, Solids Building, and BAF Building.





Piscataqua River

Anticipated Construction May – August 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
(Pending Review and Approval)
- 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
 - Education to All Children Triathlon
 - Dondero PTA “Fun-Run”
 - Pro Portsmouth Market Square Day & Road Race
 - Big Brothers Big Sisters of NH – Stiletto Spring Run
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: June 20, 2018, 11:00 AM

