



Peirce Island WWTF Upgrade Construction
Public Information Meeting
February 20, 2019

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:

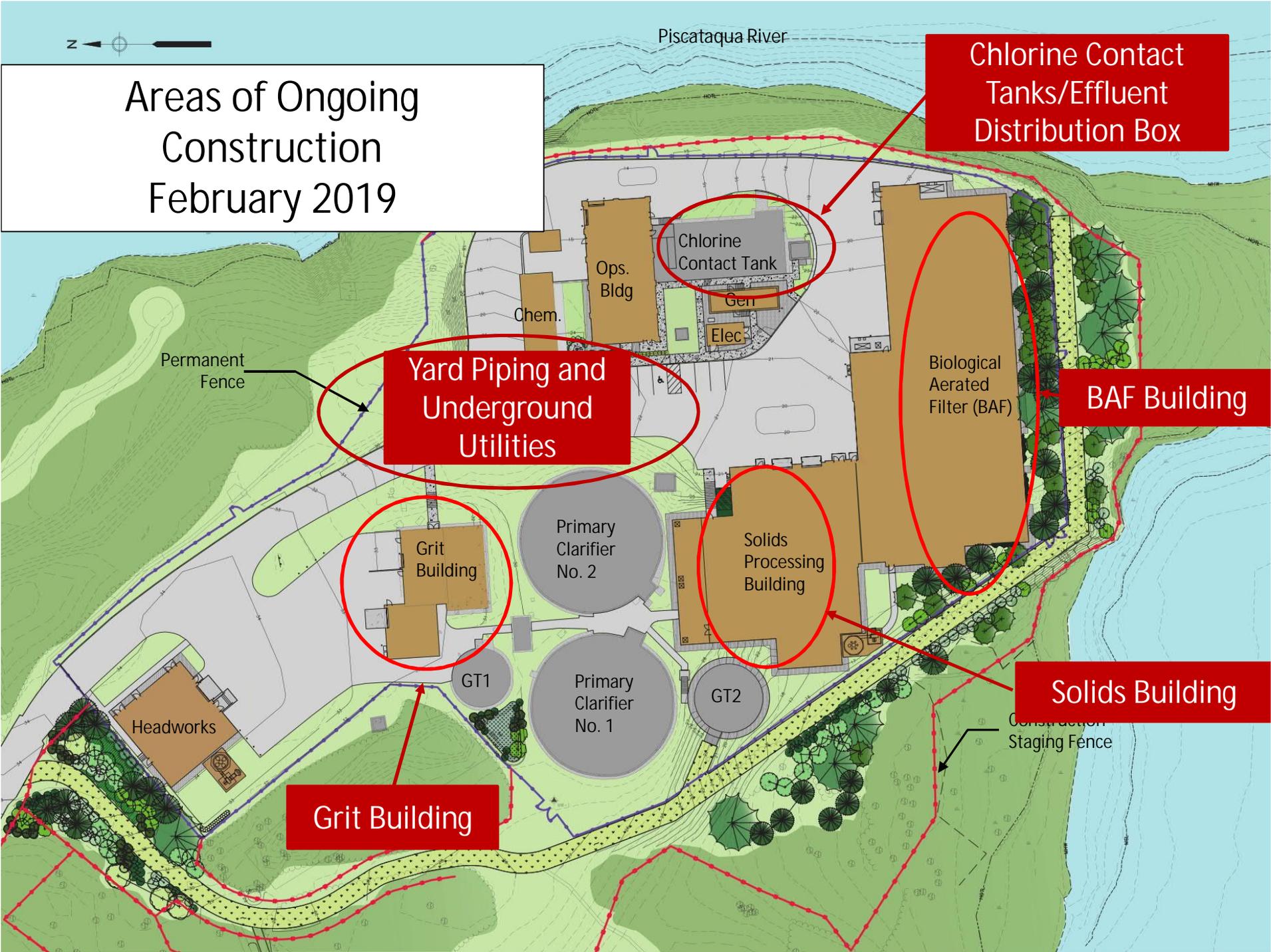
- Terry Desmarais, City Engineer, 603-766-1421
tldesmarais@cityofportsmouth.com

- 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
February 2019

Chlorine Contact Tanks/Effluent Distribution Box

Yard Piping and Underground Utilities

BAF Building

Grit Building

Solids Processing Building

Solids Building

Grit Building

Construction Staging Fence

Piscataqua River



Permanent Fence

Headworks

Primary Clarifier No. 2

Primary Clarifier No. 1

GT1

GT2

Ops. Bldg

Chem.

Chlorine Contact Tank

Gen

Elec

Biological Aerated Filter (BAF)

Site Overview November 2016



February 20, 2019



Peirce Island WWTF Upgrade Construction

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Work Completed Since Last Meeting



Work Completed Since Last Meeting



Yard Piping & Utilities

Work Completed Since Last Meeting



Grit Building



Work Completed Since Last Meeting



BAF Building

February 20, 2019



Peirce Island WWTF Upgrade Construction

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



Solids Building



Work Completed Since Last Meeting



Solids Building



Work Completed Since Last Meeting



Solids Building

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Peirce Island WWTF Upgrade Construction

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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 installation of the new polymer system in the Grit Building
- Complete replacement of the 36 inch Primary Clarifier Effluent Pipe
- Begin replacement of the Grit Classifier Overflow Pipe in the Grit Building.
- Continue installation of process piping in the pipe gallery and Stage 2 of the BAF Building



Work to be Completed in Coming Month, Cont.

- Continue mechanical and electrical work in the BAF Building
- Continue installation of slide gates in the BAF cells
- Continue masonry work at the BAF Building
- Continue installation of equipment and process piping in the Solids Building lower level
- Continue electrical, HVAC and plumbing work in Solids Building
- Continue painting of walls and ceilings in the Solids Building
- Continue underground piping installation between the Grit Building, Solids Building, and BAF Building





Piscataqua River

Anticipated Construction
February – August 2019

Chlorine Contact
Tanks/Effluent
Distribution Box

Operations/Lab
Building

Ops. Bldg
Chem.
Chlorine Contact Tank
Gen
Elec

Permanent
Fence

Yard Piping and
Underground
Utilities

Biological
Aerated
Filter (BAF)

BAF Building
Construction

Grit Building

Primary
Clarifier
No. 2

Solids
Processing
Building

Solids Building
Construction

GT1

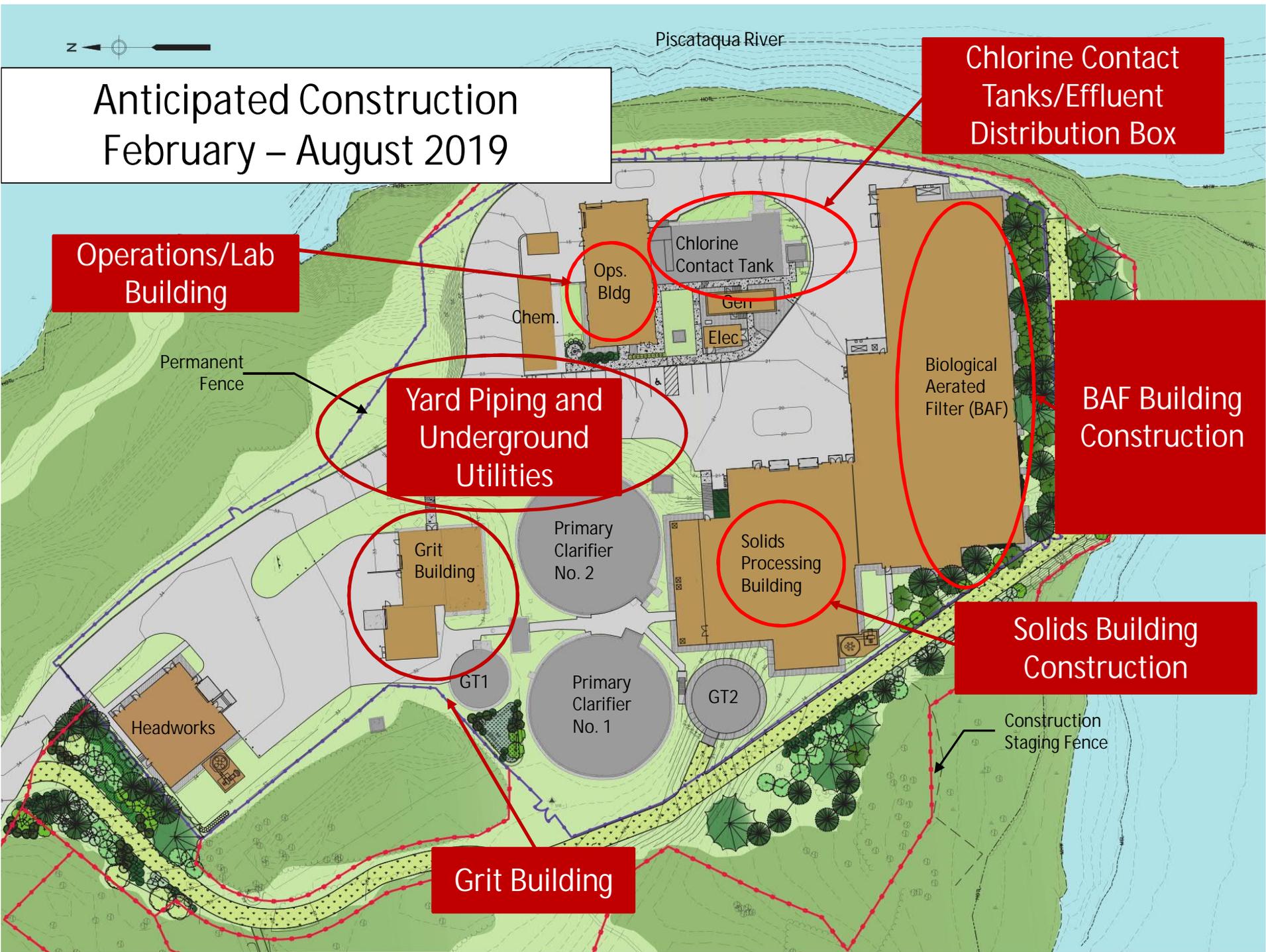
Primary
Clarifier
No. 1

GT2

Headworks

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
- Change Order No. 6: \$0.292 million
- Total Contract: \$74.498 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
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: March 20, 2019, 11:00 AM

