



Peirce Island WWTF Upgrade Construction

Public Information Meeting

November 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
- Consent Decree Schedule
- Events & Recreation
- Public Input/Comments/Concerns
- Next Meeting



Introductions

- City Staff:

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

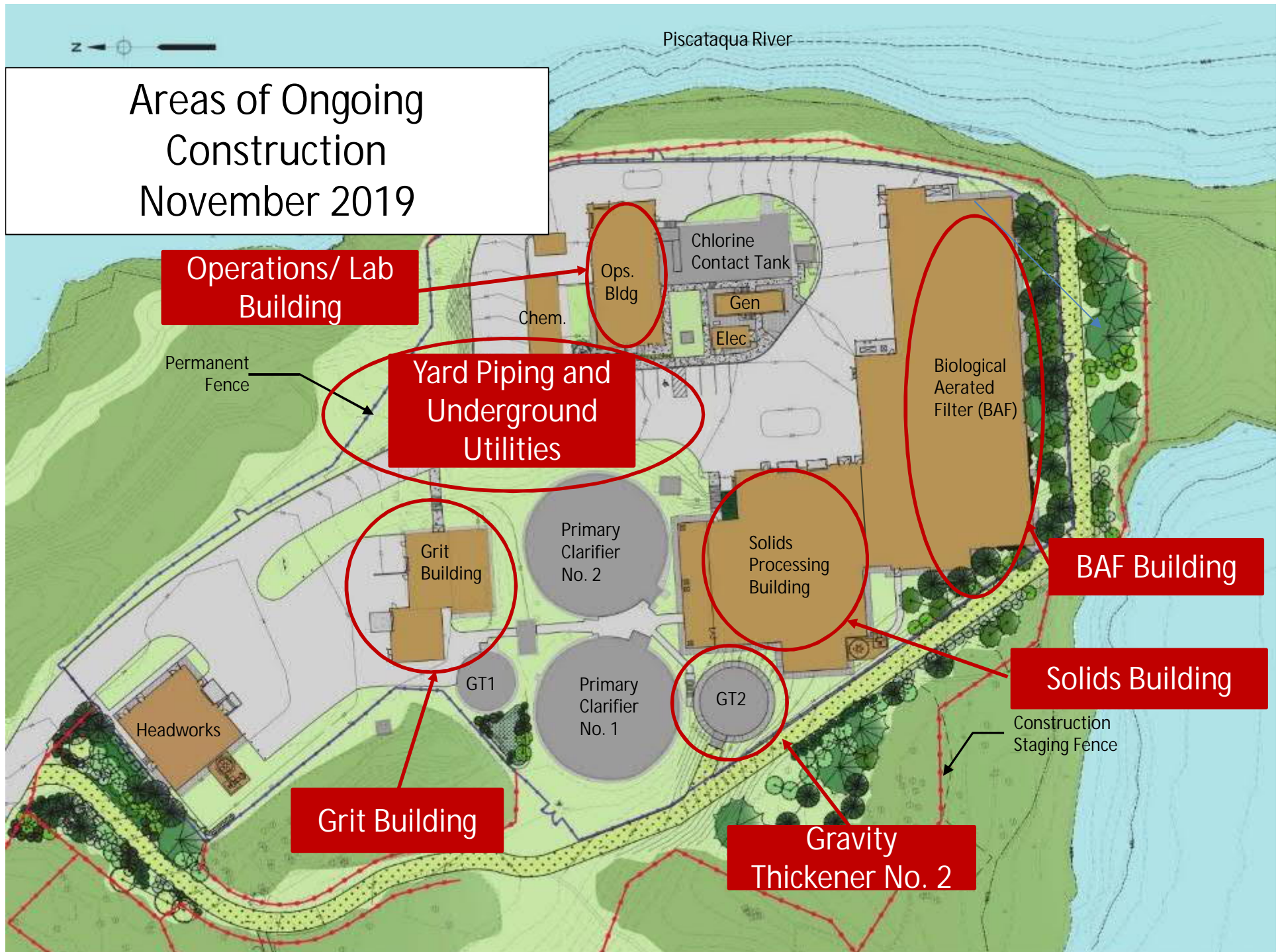
- Website:

<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 November 2019



Site Overview November 2016



November 20, 2019



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



November 20, 2019



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Work Completed Since Last Meeting



Yard Piping & Utilities

November 20, 2019



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Work Completed Since Last Meeting



Grit Building

November 20, 2019



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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



BAF Building

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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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Solids Building



Work Completed Since Last Meeting



Solids Building

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Work Completed Since Last Meeting



Ops/Lab Building

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Work Completed Since Last Meeting



Gravity Thickener No. 2

November 20, 2019



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Work Completed Since Last Meeting



Gravity Thickener No. 2

November 20, 2019



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 checkout and inspection of the fire protection system in the BAF Building
- Continue mechanical and electrical work in the BAF Building
- Continue installation of stairs, railings and ladders in the BAF Building
- Continue checkout and startup of valves and equipment in the BAF Building
- Continue interior painting in the BAF Building.
- Continue integration of the BAF control system with the plant's SCADA system

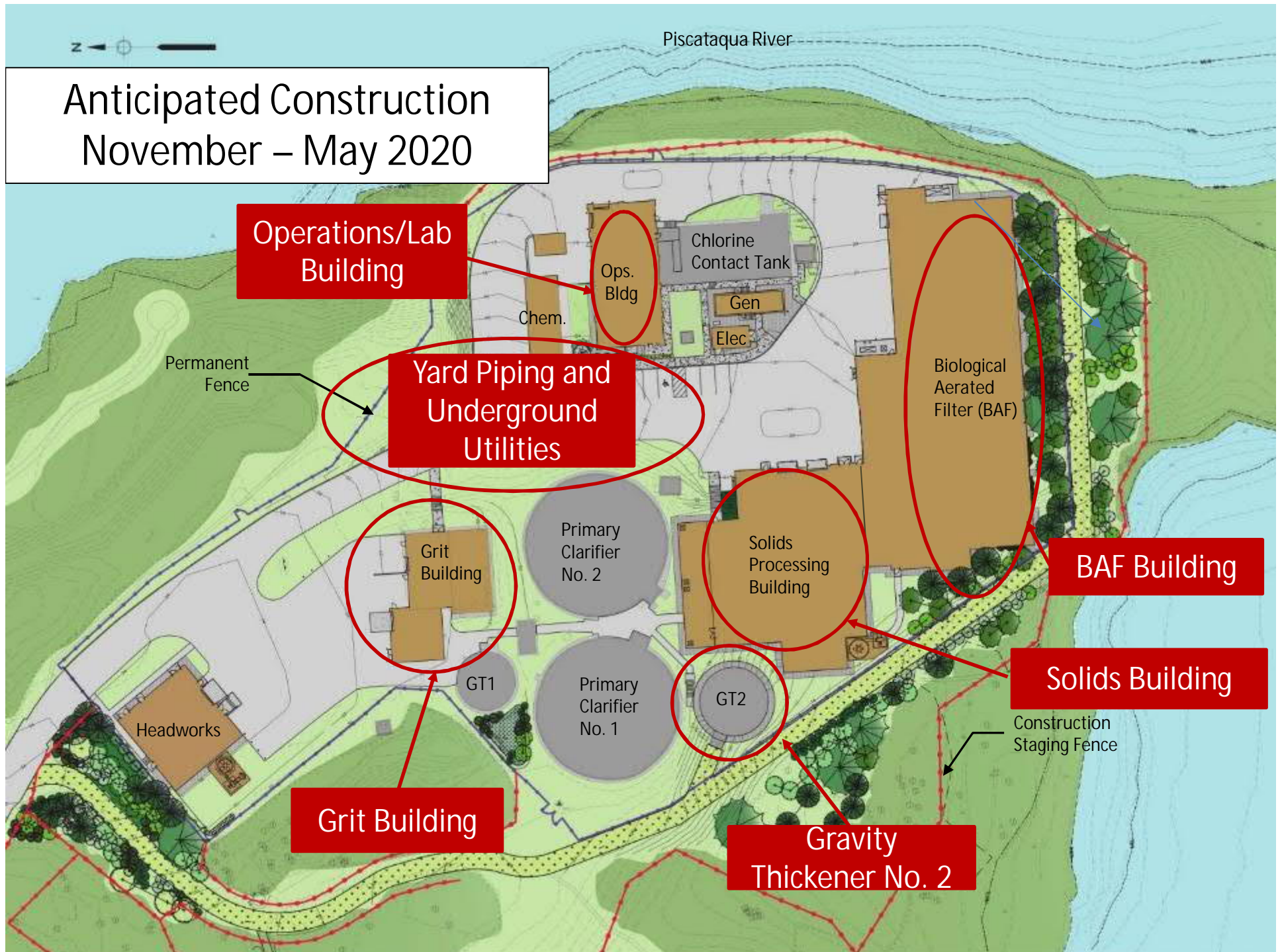


Work to be Completed in Coming Month, Cont.

- Startup of BAF
- Continue installation of the building finishes such as door hardware and signage in the Solids Building
- Continue electrical, HVAC and plumbing work in Solids Building
- Continue underground piping installation between the Grit Building, Solids Building, and BAF Building
- Continue installation of Gravity Thickener No. 2 mechanism
- Continue selective demolition in the existing Sludge Processing Building
- Continue PCB abatement in the existing Sludge Processing Building



Anticipated Construction November – May 2020



Peirce Island Bridge Inspection

Nov. 25, 2019

- The inspection includes a visual inspection of the bridge components – superstructure, deck, railings system and above-water portions of the abutments and piers
- Vehicular traffic will be limited during this time (one lane at a time)
- Pedestrian traffic will be maintained



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
- Change Order No. 7: \$0.169 million
- Change Order No. 8: \$0.113 million
- Total Contract: \$74.780 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	Complete
BAF Substantial Completion	December 1, 2019	On Schedule
Achieve Compliance with NPDES Permit Limits	April 1, 2020	On Schedule



Events and Recreation

- Upcoming
 - Arthritis Foundation New England Region 2019 Jingle Bell Run/Walk
 - Turkey Trot
 - Strawberry Banke Ice Rink
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: December 18, 2019, 11:00 AM

