



# Peirce Island WWTF Upgrade Construction

## Public Information Meeting

### March 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:

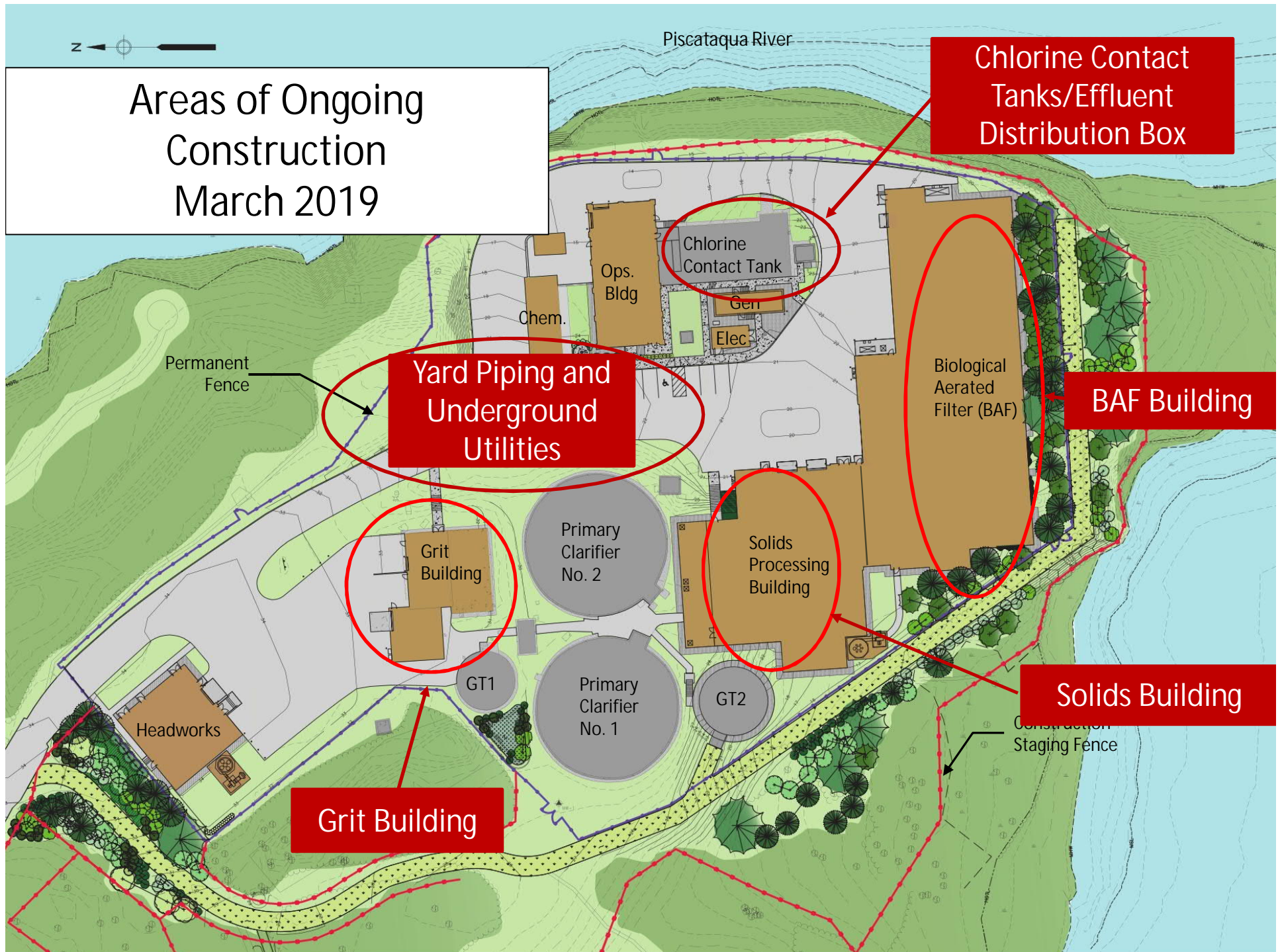
<https://www.cityofportsmouth.com/publicworks/wastewater/peirce-island-wastewater-facility/peirce-island-wastewater-facility-upgrade-project>

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





Areas of Ongoing  
Construction  
March 2019





# Site Overview November 2016



March 20, 2019



Peirce Island WWTF Upgrade Construction



# Work Completed Since Last Meeting



March 20, 2019



Peirce Island WWTF Upgrade Construction



# Work Completed Since Last Meeting



Yard Piping & Utilities

March 20, 2019



Peirce Island WWTF Upgrade Construction

# Work Completed Since Last Meeting



Grit Building

March 20, 2019



Peirce Island WWTF Upgrade Construction



# Work Completed Since Last Meeting



BAF Building

March 20, 2019



Peirce Island WWTF Upgrade Construction

# Work Completed Since Last Meeting



March 20, 2019



Peirce Island WWTF Upgrade Construction



BAF Building

10



# Work Completed Since Last Meeting



BAF Building

March 20, 2019



Peirce Island WWTF Upgrade Construction



# Work Completed Since Last Meeting



Solids Building

March 20, 2019



Peirce Island WWTF Upgrade Construction

12



# Work Completed Since Last Meeting



Solids Building

March 20, 2019



Peirce Island WWTF Upgrade Construction

# Work Completed Since Last Meeting



Solids Building

March 20, 2019



Peirce Island WWTF Upgrade Construction



# Work Completed Since Last Meeting

## Chlorine Contact Tanks



San. Pump Station 1 Valve Vault

# 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
- Continue installation of process piping in the pipe gallery and Stage 2 of the BAF Building
- Continue mechanical and electrical work in the BAF Building
- Continue installation of slide gates in the BAF cells





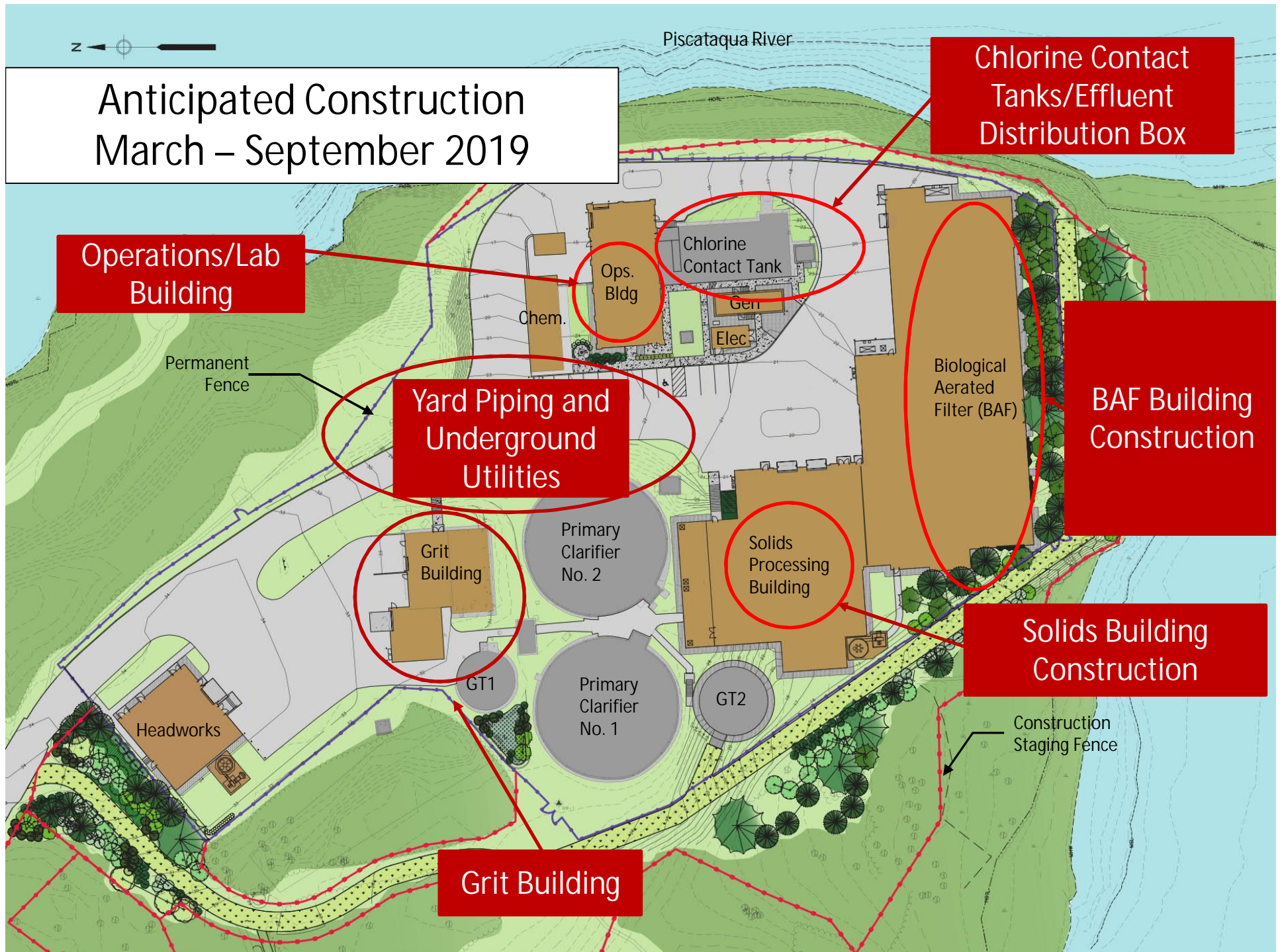
# Work to be Completed in Coming Month, Cont.

---

- Continue masonry work at the BAF and Solids Building
- Continue installation of equipment and process piping in the Solids Building
- 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
- Begin demolition of Parshall Flume
- Complete underground power feeds to BAF and Solids Building



Anticipated Construction  
March – September 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
- 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
  - Eastern States 20 Mile Road Race
  - St. John's Lodge Annual 5k
  - New Castle 10k
  - Walk MS: Portsmouth
  - Strawberry Banke Events





Public Input / Comments / Concerns



# Next Meeting

---

- Public Construction Meeting
  - Next Meeting: April 17, 2019, 11:00 AM

