



# Peirce Island WWTF Upgrade Construction

## Public Information Meeting

June 19, 2019

# Topics of Discussion

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- 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

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- City Staff:

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

- Website:

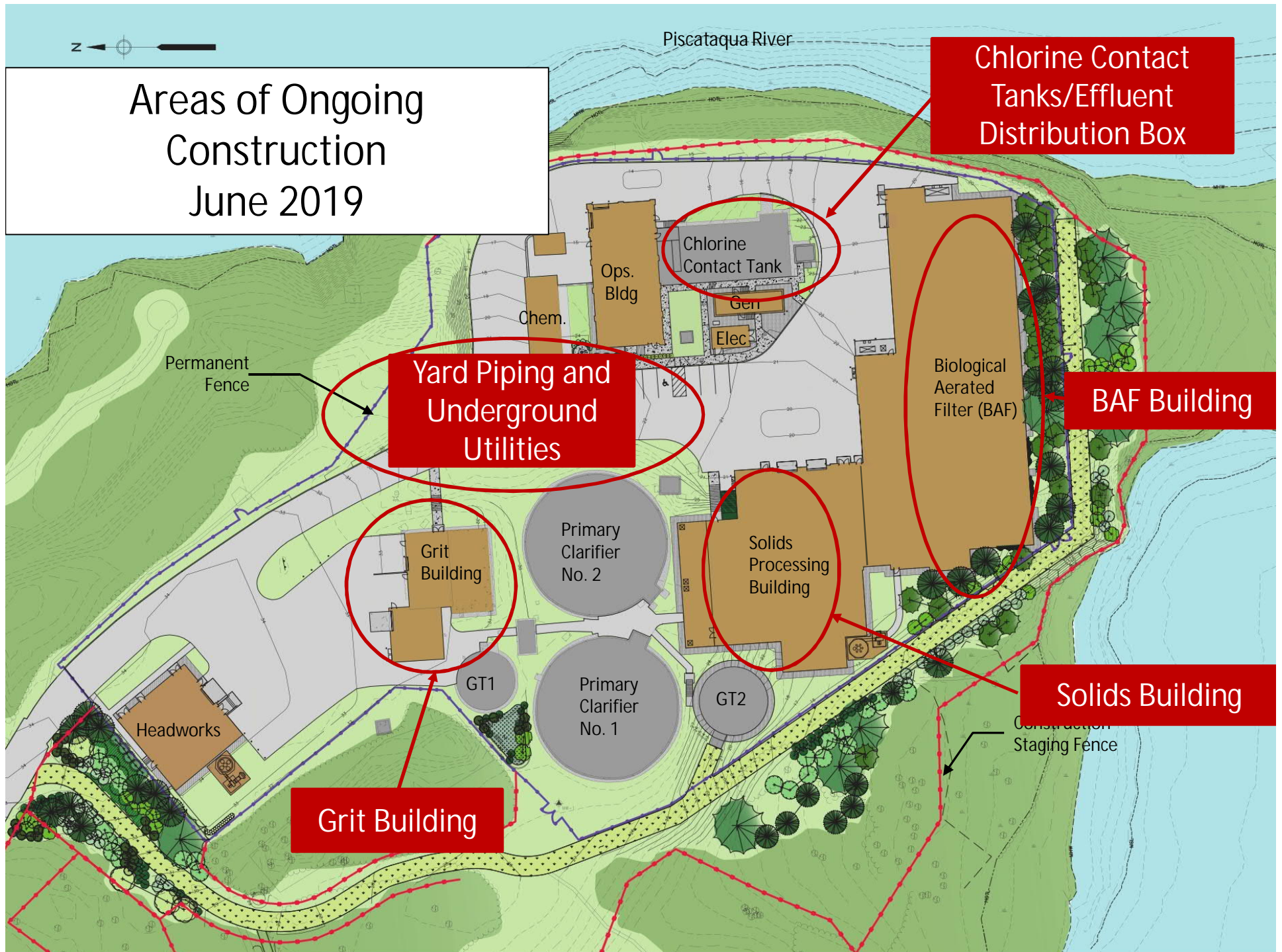
<https://www.cityofportsmouth.com/publicworks/wastewater/peirce-island-wastewater-facility/peirce-island-wastewater-facility-upgrade-project>

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





Areas of Ongoing  
Construction  
June 2019





# Site Overview November 2016



June 19, 2019



Peirce Island WWTF Upgrade Construction



# Work Completed Since Last Meeting



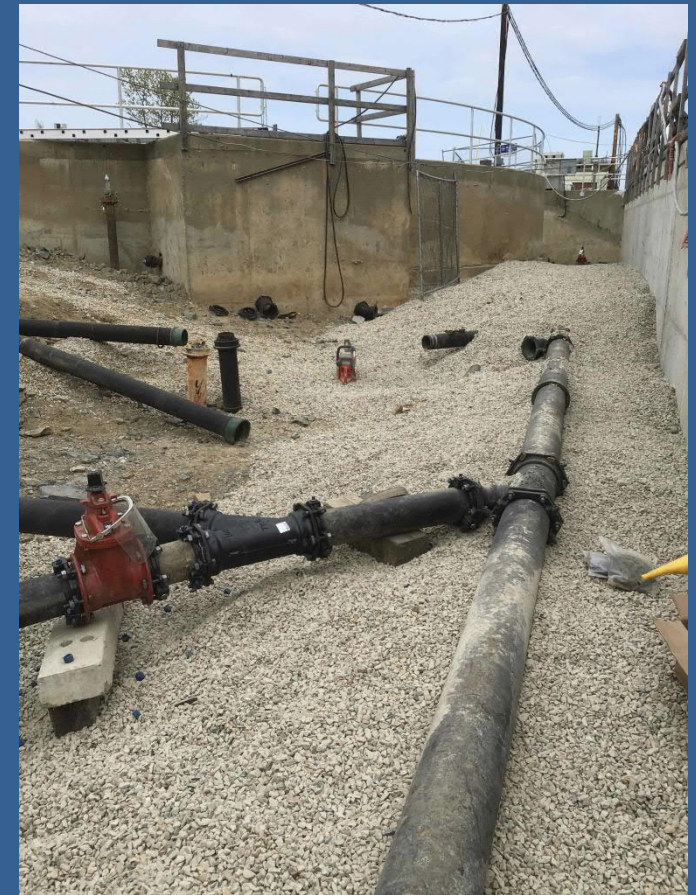
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# Work Completed Since Last Meeting



Yard Piping & Utilities

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# Work Completed Since Last Meeting



BAF Building

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# Work Completed Since Last Meeting



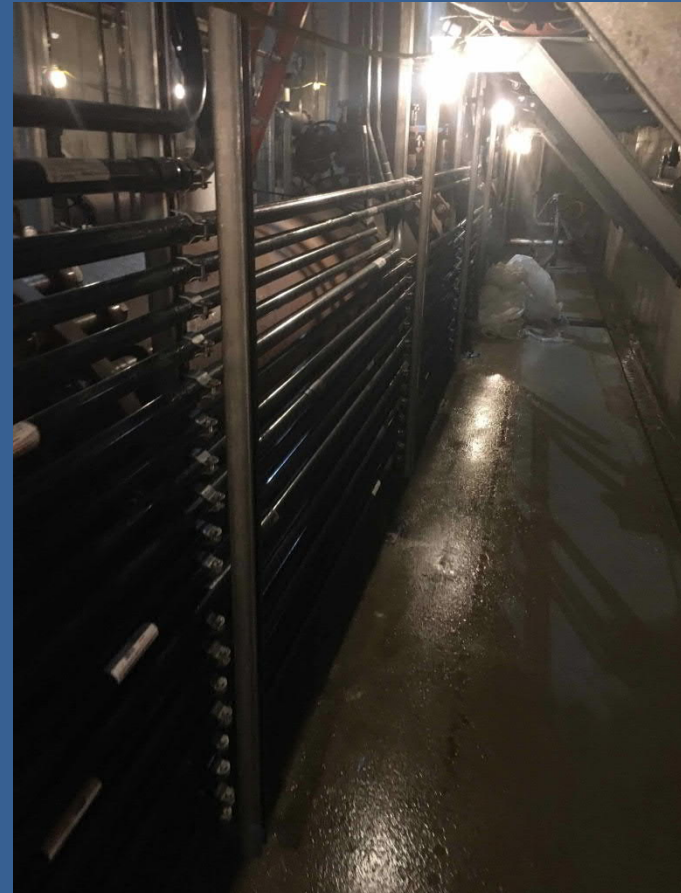
BAF Building

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# Work Completed Since Last Meeting



BAF Building

June 19, 2019



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# Work Completed Since Last Meeting



BAF Building

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# Work Completed Since Last Meeting



Solids Building

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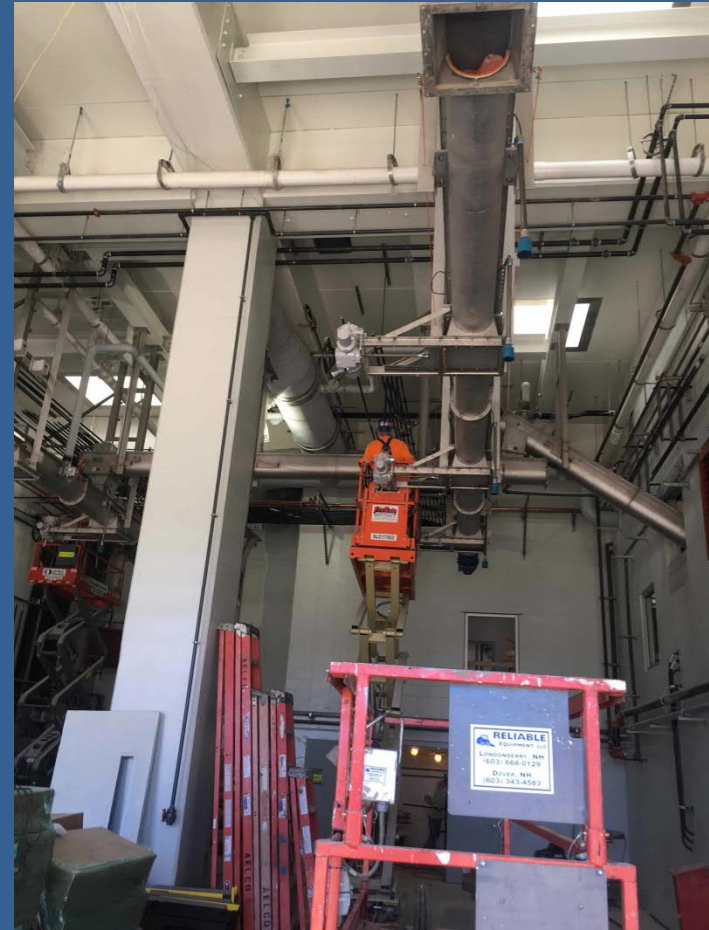


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# Work Completed Since Last Meeting



Solids Building

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# Work Completed Since Last Meeting



Solids Building

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# Work Completed Since Last Meeting



Solids Building

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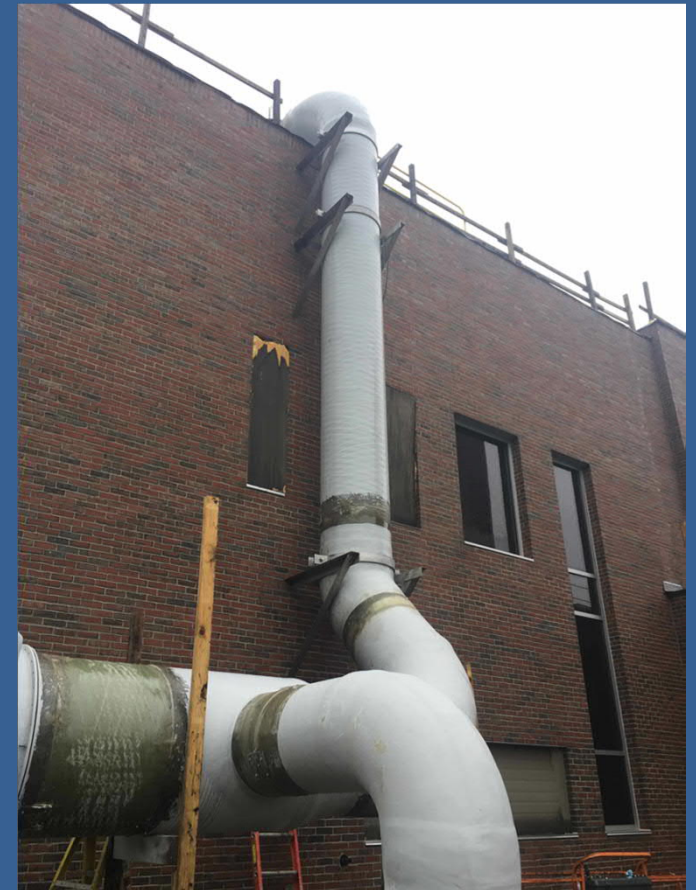
# Work Completed Since Last Meeting



Solids Building



# Work Completed Since Last Meeting



Solids Building

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# Work Completed Since Last Meeting



Effluent Distribution Box

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# Work to be Completed in Coming Month

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- Continue minor finish work at the Headworks Building
- Continue architectural, structural, mechanical process, HVAC, plumbing, and electrical construction in the Grit Building
- Continue installation and testing 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
- Continue hydrostatic testing of BAF cells and effluent channels
- Continue installation of stairs in the BAF and Solids Buildings
- Continue masonry work at the BAF Building



# Work to be Completed in Coming Month, Cont.

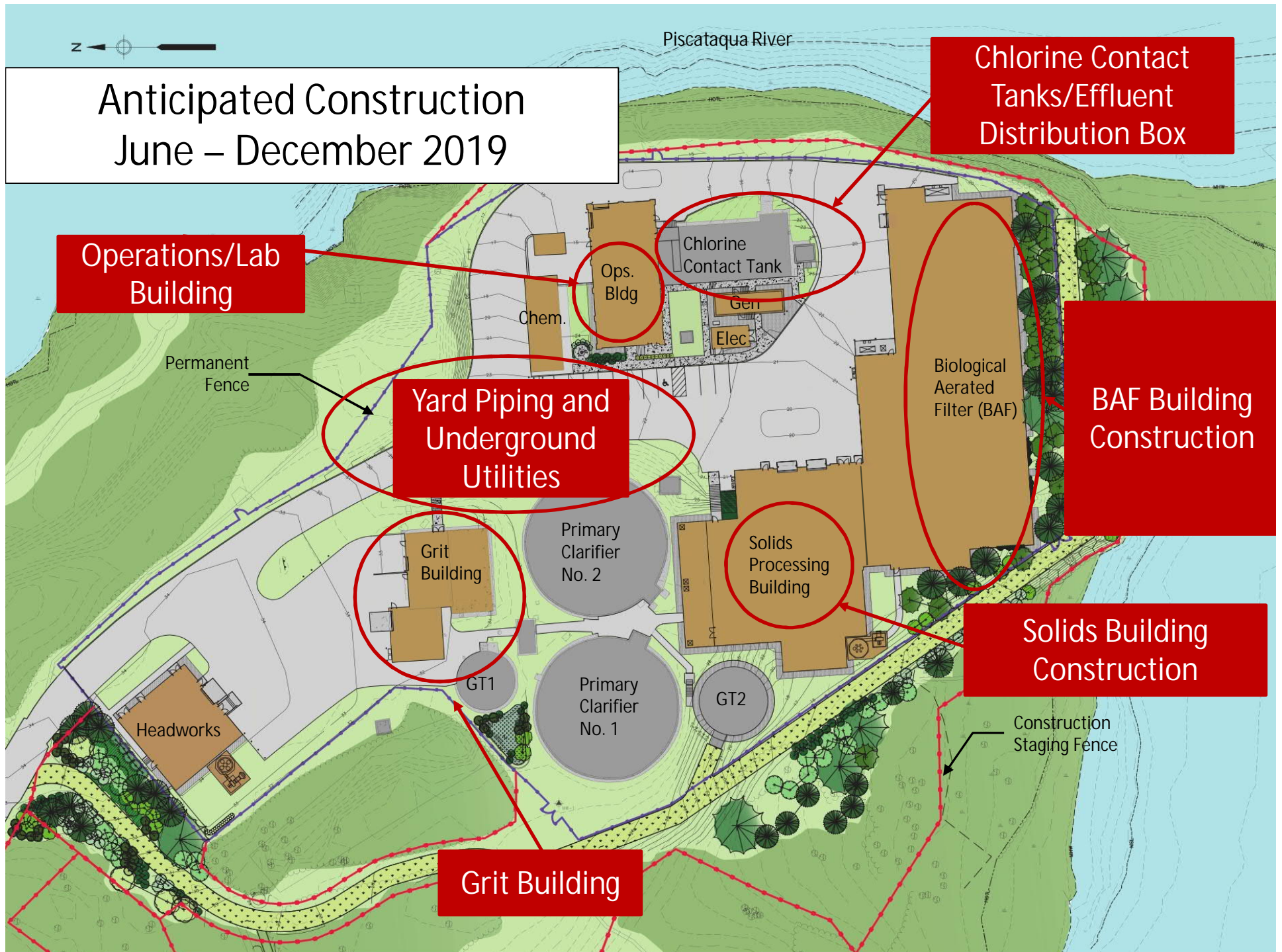
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- Continue installation, testing, and startup of equipment and process piping in the Solids Building
- Continue electrical, HVAC and plumbing work in Solids Building
- Continue painting of process piping in the Solids Building
- Continue underground piping installation between the Grit Building, Solids Building, and BAF Building
- Continue formwork and reinforcing for the Effluent Distribution Box wall
- Begin installation of Gravity Thickener No. 2 mechanism





Anticipated Construction  
June – December 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
  - Change Order No. 7: \$0.169 million
- Total Contract: \$74.667 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

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- Upcoming
  - Prescott Park Arts Festival Concerts
  - Prescott Park Arts Festival Musicals
  - Portsmouth PRIDE 2019
  - St. John's Church March
  - Yoga in the Park
  - Summer in the Streets – Pro Portsmouth
  - Independence Day Fireworks
  - Veterans Count 5k Road Race
  - Cystic Fibrosis Foundation Cycle for Life
  - Strawberry Banke Events







Public Input / Comments / Concerns

# Next Meeting

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

