



Peirce Island WWTf Upgrade Construction

Public Information Meeting

January 15, 2020

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

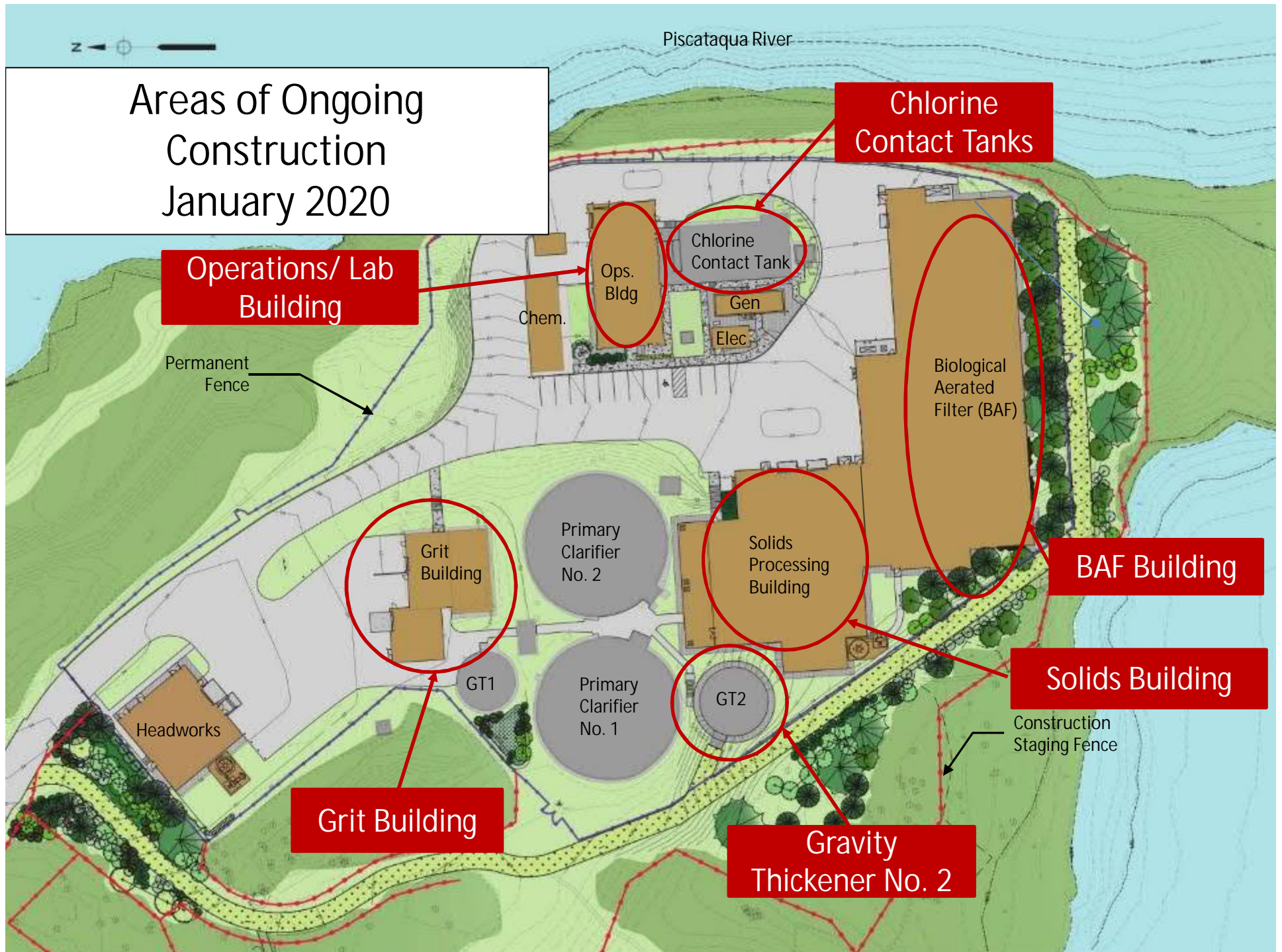
- Website:

<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 January 2020



Site Overview November 2016



January 15, 2020



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



January 15, 2020



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



BAF Building

January 15, 2020



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



January 15, 2020



Peirce Island WWTF Upgrade Construction

BAF Building

Work Completed Since Last Meeting



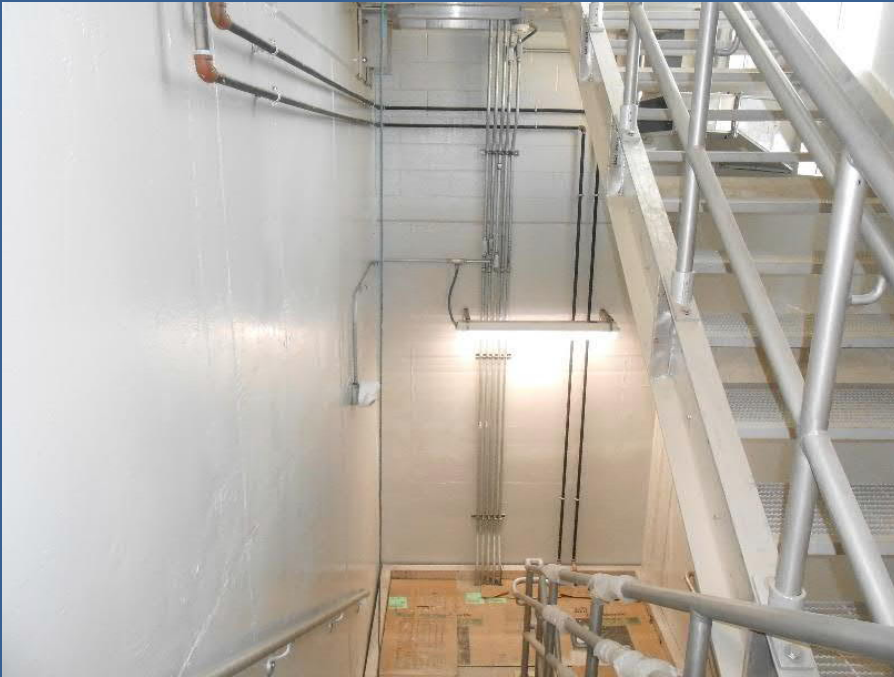
BAF Building

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Peirce Island WWTF Upgrade Construction

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BAF Building

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BAF Building



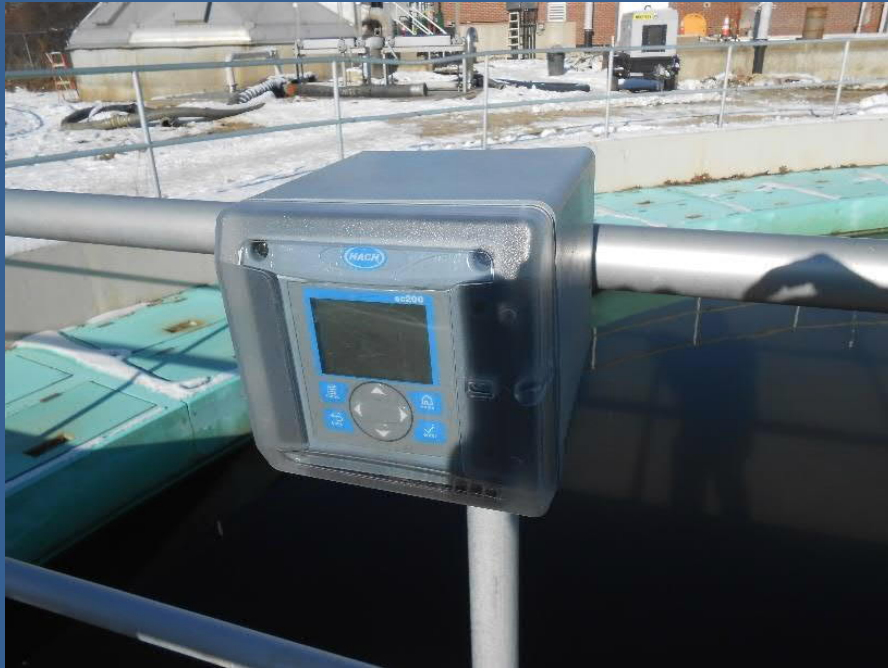
Work Completed Since Last Meeting



Solids Building



Work Completed Since Last Meeting



Primary Clarifier/Solids Building

January 15, 2020



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13

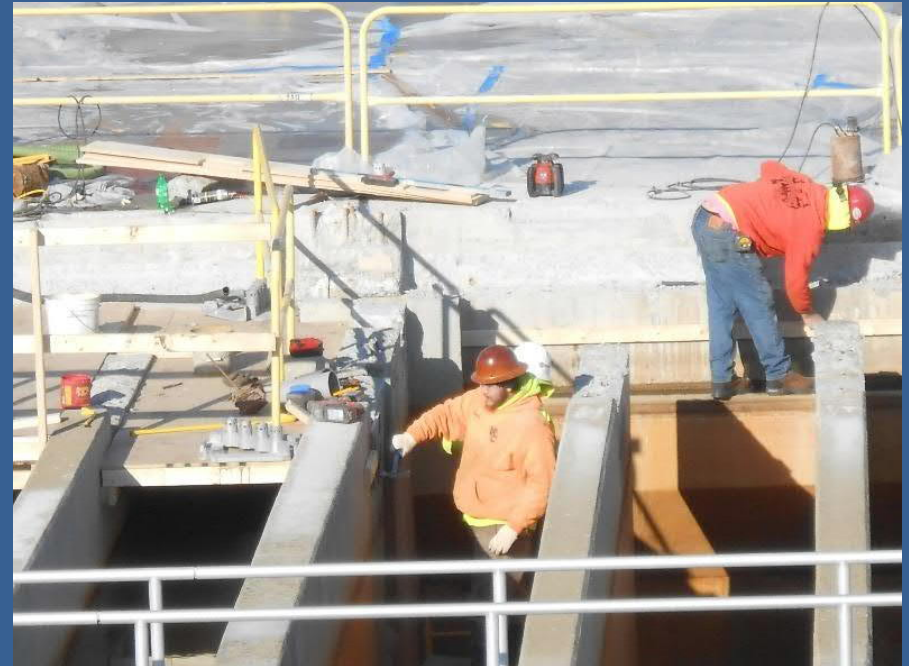
Work Completed Since Last Meeting



Ops/Lab Building



Work Completed Since Last Meeting



Chlorine Contact Tanks

January 15, 2020



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15

Work Completed Since Last Meeting



Chlorine Contact Tanks

January 15, 2020



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16

Work Completed Since Last Meeting



Gravity Thickener No. 2

January 15, 2020



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17

Work Completed Since Last Meeting



Gravity Thickener No. 2

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 minor finish mechanical and electrical work in the BAF Building
- Complete remaining minor installation work for stairs, railings and ladders in the BAF Building
- Continue startup of the BAF Building process and place the BAF in service
- Continue minor interior touch up painting in the BAF, Solids and Grit Buildings
- Continue integration of the BAF control system with the plant's SCADA system

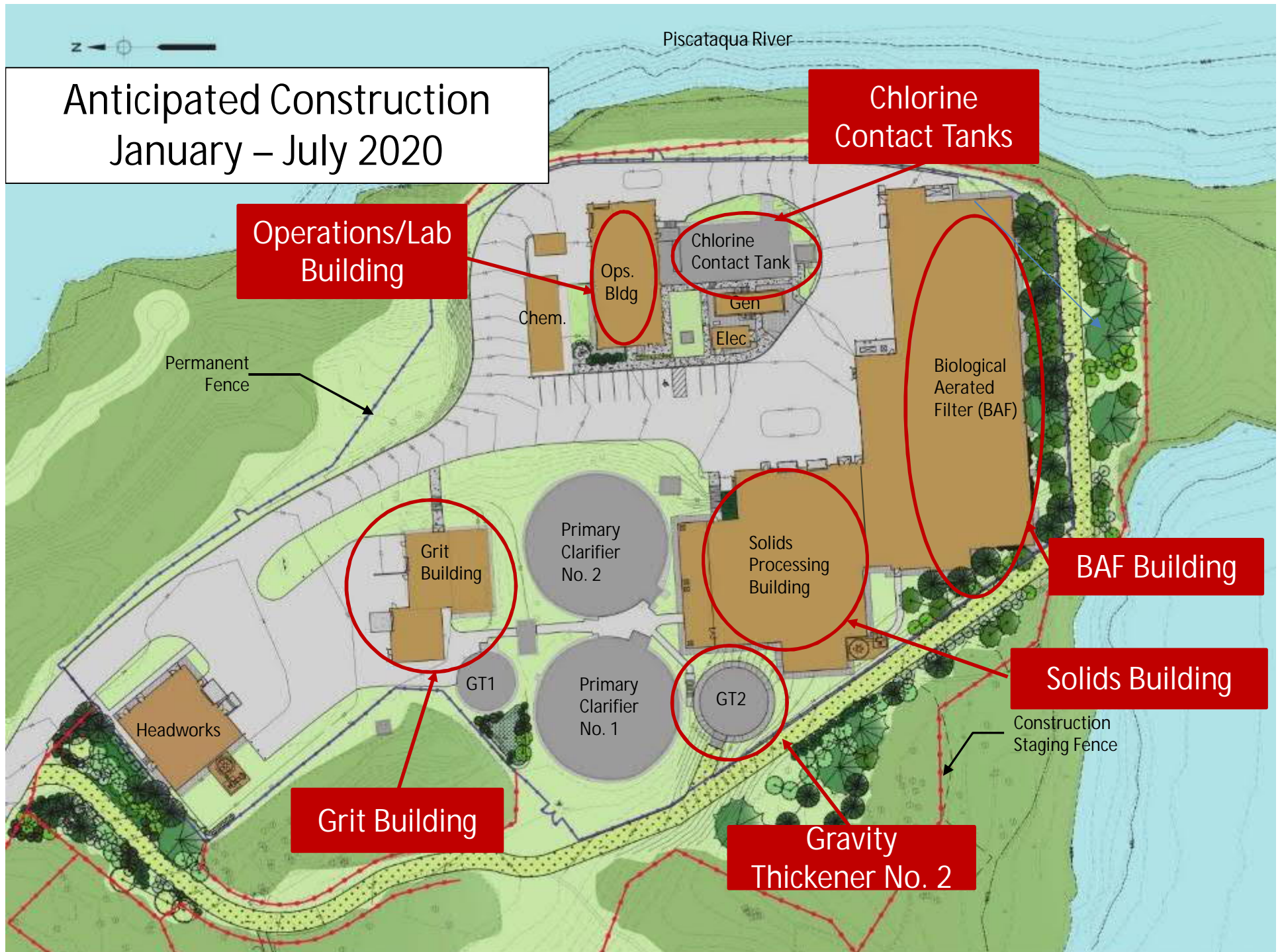


Work to be Completed in Coming Month, Cont.

- Continue installation of the minor building finishes such as door hardware and signage in the BAF and Solids Buildings
- Continue minor electrical, HVAC and plumbing finish work in Solids Building
- Continue installation, check out, and startup of Gravity Thickener No. 2 mechanism and scum pumps
- Continue selective demolition in the existing Sludge Processing Building and Chlorine Contact Tank
- Continue structural repair and modifications to the new Operations/Lab Building



Anticipated Construction
January – July 2020



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 December 31, 2019	Complete
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: February 19, 2020, 11:00 AM

