



Peirce Island WWTF Upgrade Construction
Public Information Meeting
February 17, 2021

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
- Project Schedule
- Effluent Results
- Events & Recreation
- Force Main Update
- Public Input/Comments/Concerns
- Next Meeting

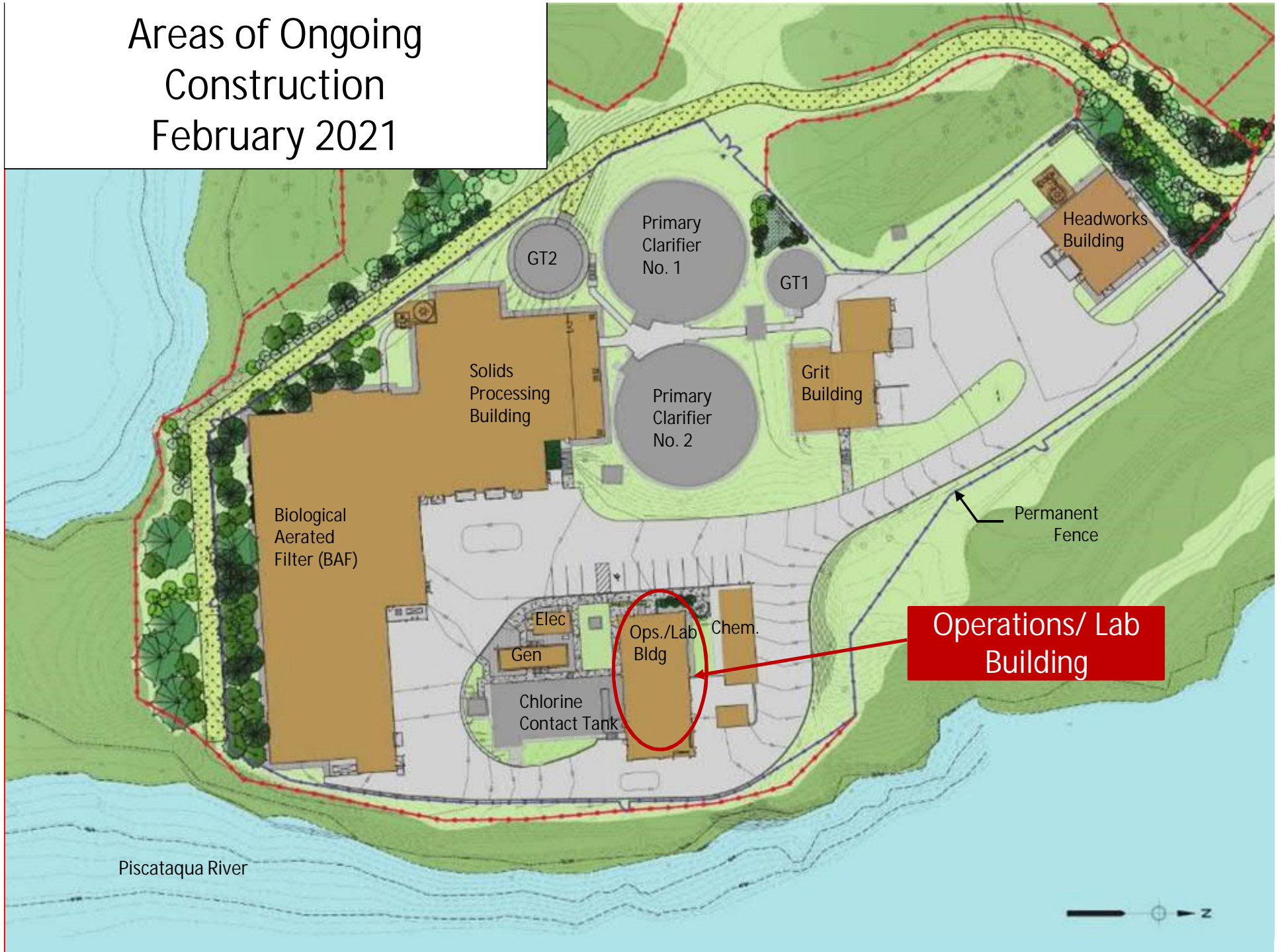


Introductions

- City Staff:
 - Brian Goetz, Deputy Director of Public Works, 603-766-1420
 - Submit written comments/questions to: 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 2021



Site Overview November 2016



February 17, 2021



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



Operations/Lab
Building



Work Completed Since Last Meeting



Ops/Lab Building

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Work Completed Since Last Meeting



Ops/Lab Building

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Work Completed Since Last Meeting



Ops/Lab Building

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Work Completed Since Last Meeting



Ops/Lab Building

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Work Completed Since Last Meeting



Ops/Lab Building

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Work to be Completed in Coming Month

- Continue minor finish work at the Grit Building, Solids Building, and BAF Building
- Continue optimization of the BAF Building process
- Continue integration of the BAF control system with the plant's SCADA system
- Complete installation of architectural finishes, laboratory equipment, laboratory wiremold, and acoustic ceiling tiles at the Operations/Lab Building

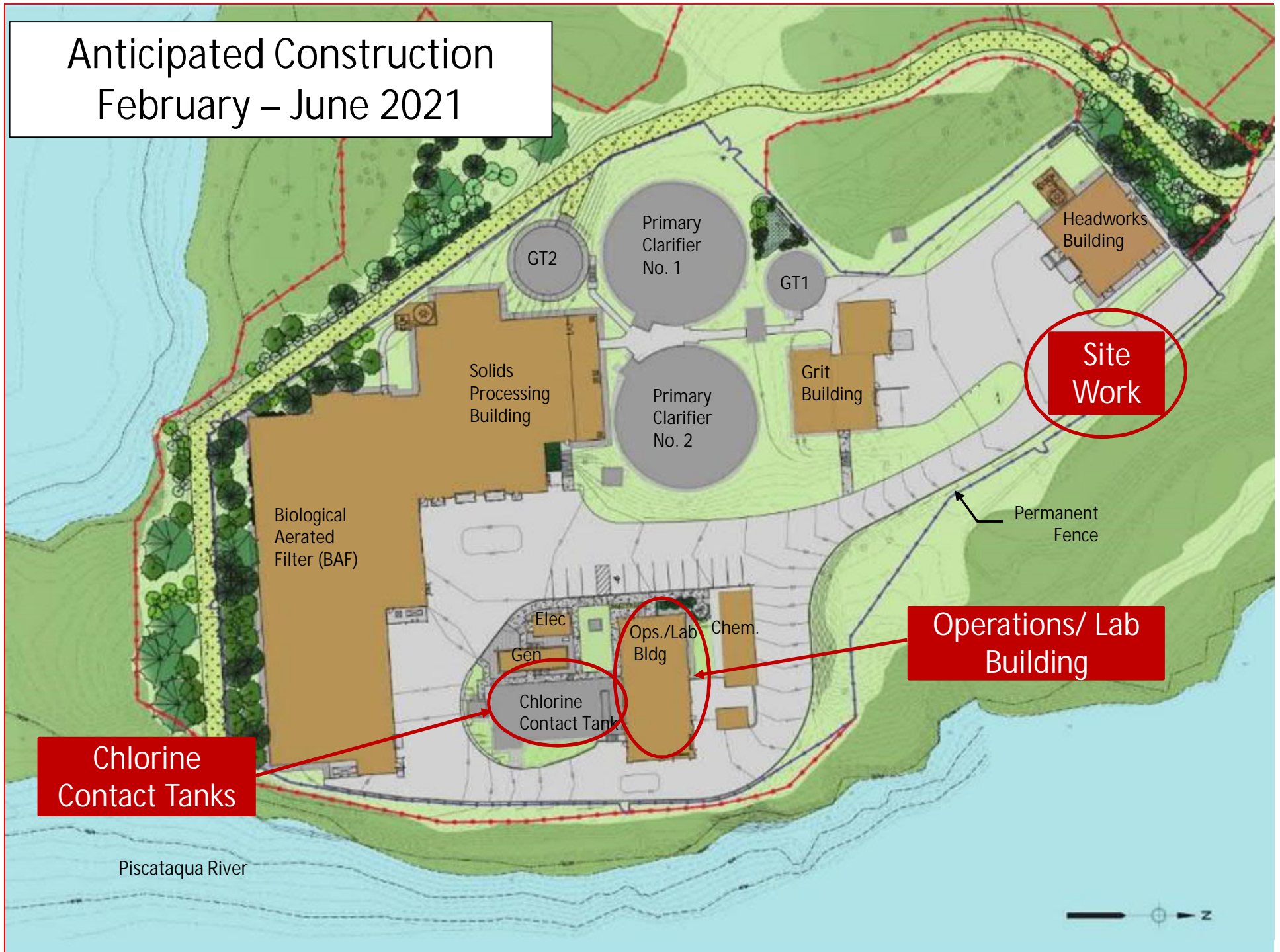


Work to be Completed in Coming Month

- Continue HVAC, plumbing, fire protection and electrical finish work in the Operations/Lab Building
- Continue chlorine analyzer work at the Chlorine Contact Tanks
- Continue site cleanup, removal of materials and equipment, and demobilization



Anticipated Construction
February – June 2021



Site Work

Operations/ Lab Building

Chlorine Contact Tanks

Piscataqua River



Project Construction Costs

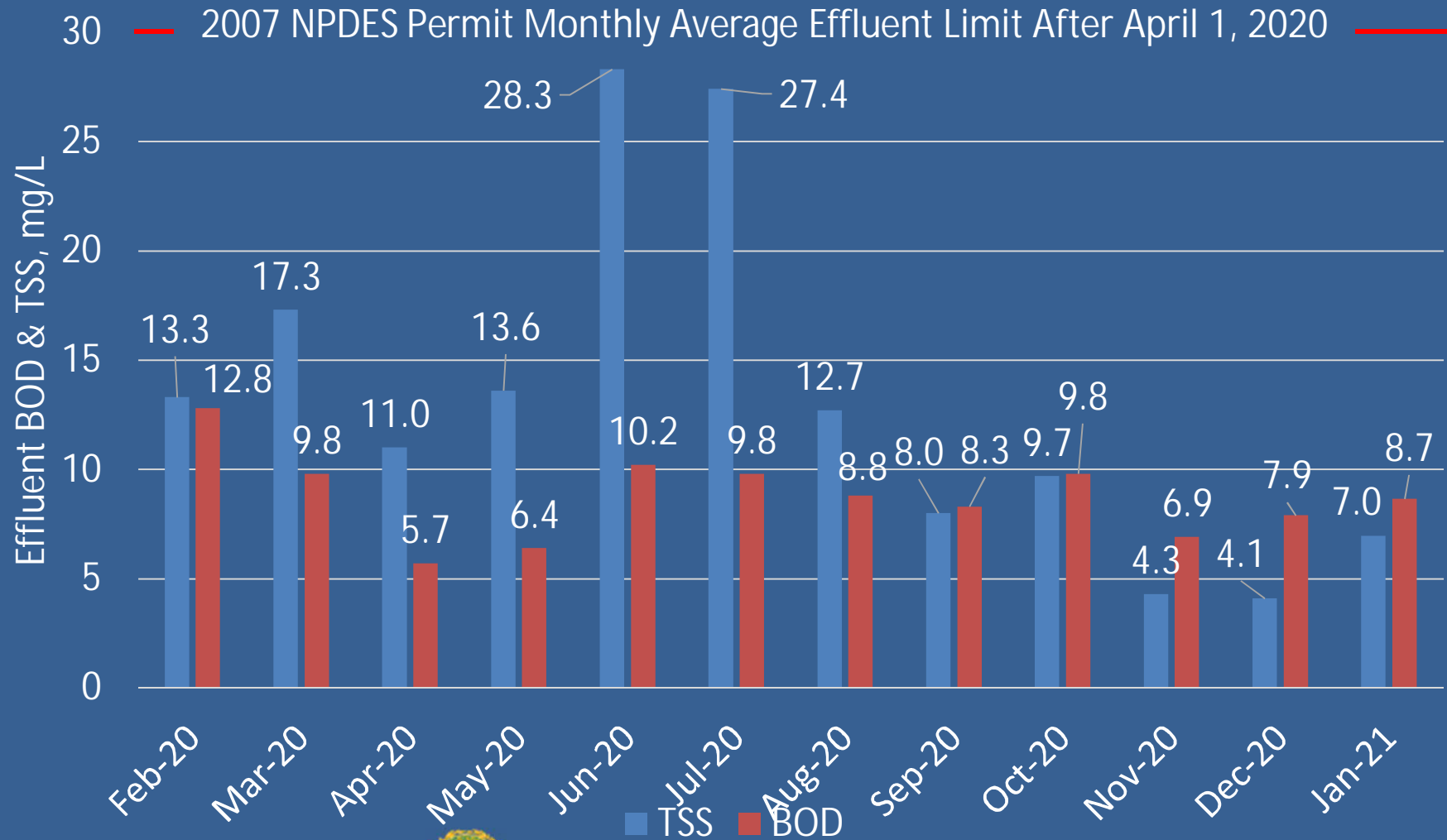
- Original Contract: \$72.786 million
 - Change Order No. 1: \$0.367 million
 - Change Order No. 2: \$0.547 million
 - Change Order No. 3: \$0.093 million
 - Change Order No. 4: \$0.163 million
 - Change Order No. 5: \$0.250 million
 - Change Order No. 6: \$0.292 million
 - Change Order No. 7: \$0.169 million
 - Change Order No. 8: \$0.113 million
 - Change Order No. 9: \$0.242 million
 - Change Order No. 10: \$0.123 million
 - Change Order No. 11: \$0.139 million
- Total Contract: \$75.284 million



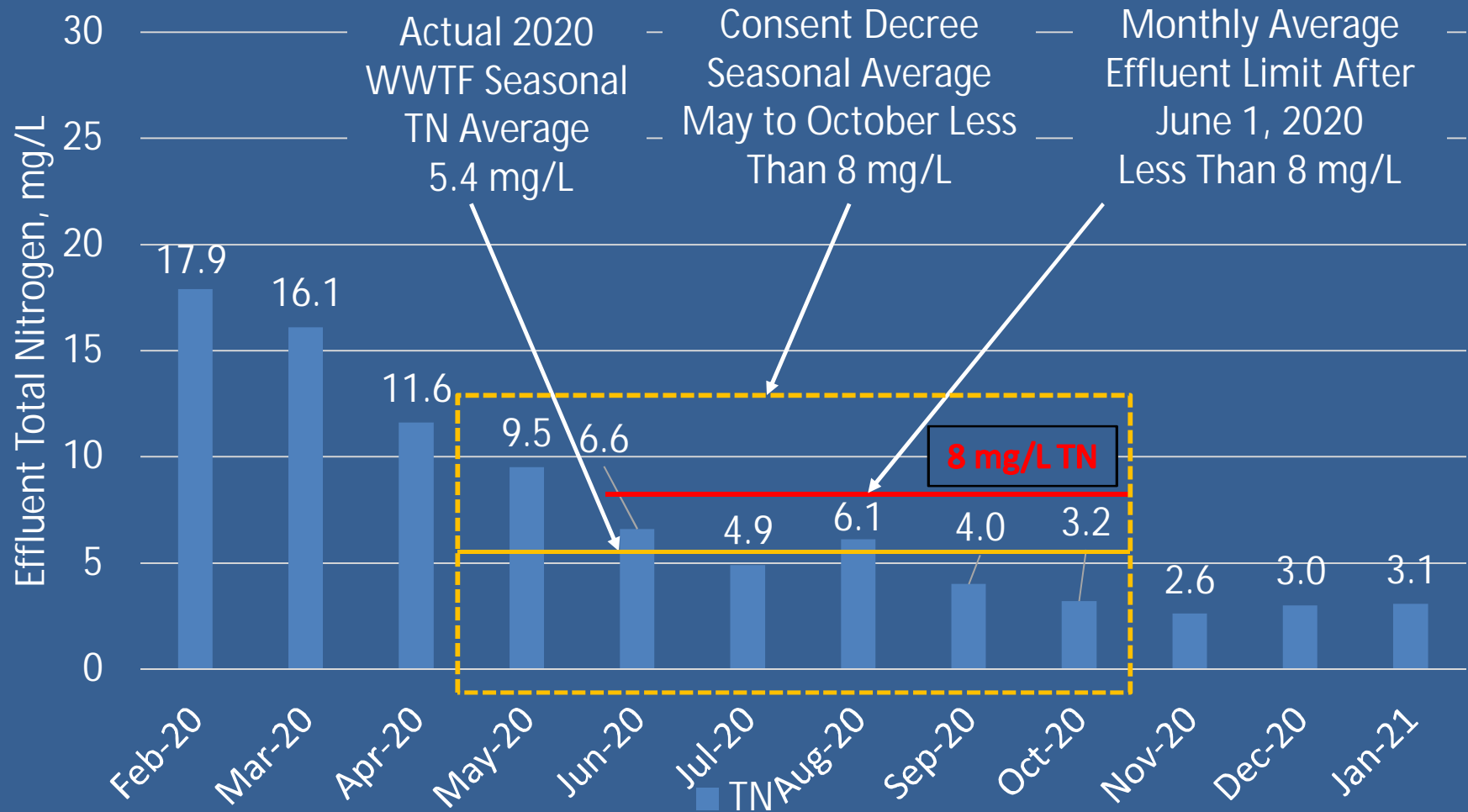
Project Schedule

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 2007 NPDES Permit Limits	April 1, 2020	Complete
Achieve Compliance with Consent Decree Total Nitrogen Limits	June 1, 2020	Complete
Project Substantial Completion	June 29, 2020 Tentatively March 25, 2021	In Progress
Project Final Completion	September 29, 2020 Tentatively June 3, 2021	In Progress

Effluent Results



Effluent Results

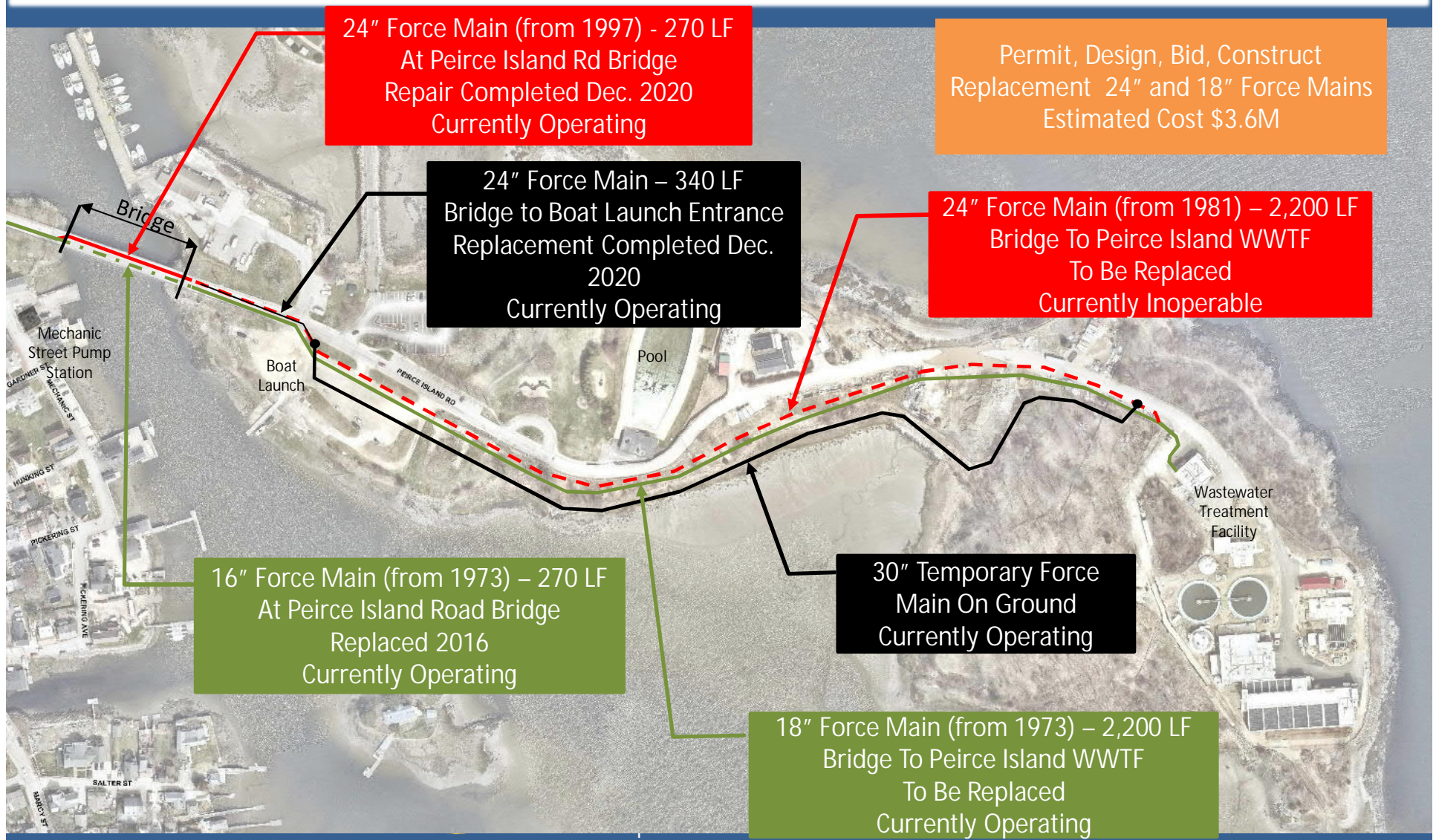


Events and Recreation

- Upcoming
 - No events scheduled.



\$3.6M Bond for Force Mains From Mechanic Street Wastewater Pump Station to Peirce Island WWTF





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: March 17, 2021 11:00 AM

