



Peirce Island WWTF Upgrade Construction  
Public Information Meeting  
June 17, 2020

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



# Introductions

- City Staff:

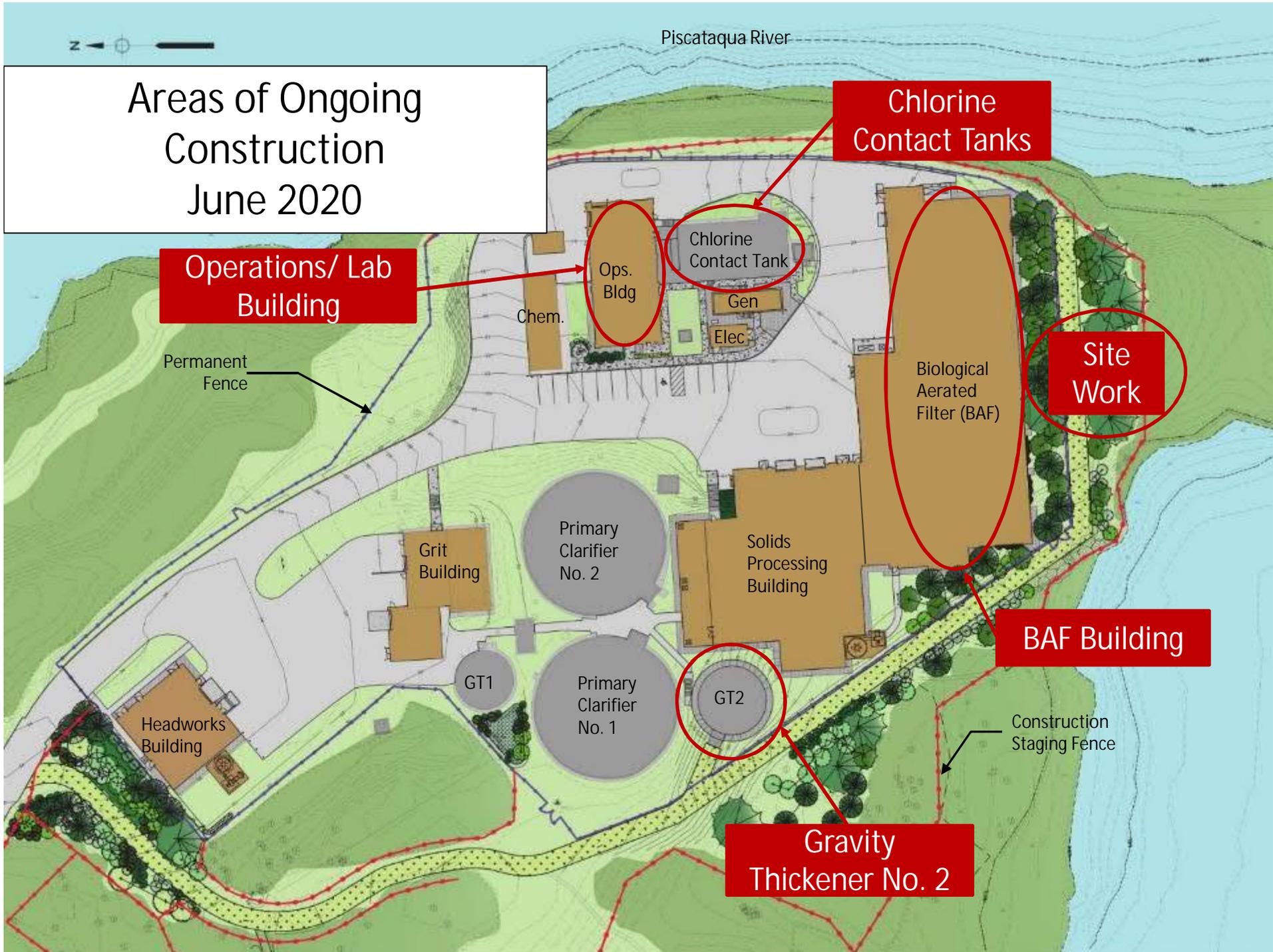
- Terry Desmarais, City Engineer, 603-766-1421  
tldesmarais@cityofportsmouth.com

- 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.





# Site Overview November 2016



June 17, 2020



Peirce Island WWTF Upgrade Construction

5

# Work Completed Since Last Meeting



June 17, 2020



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# Work Completed Since Last Meeting



Site Work

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# Work Completed Since Last Meeting



Site Work



# Work Completed Since Last Meeting



Site Work



# Initial 2016 Rendering of BAF Building



# Current View of BAF Building



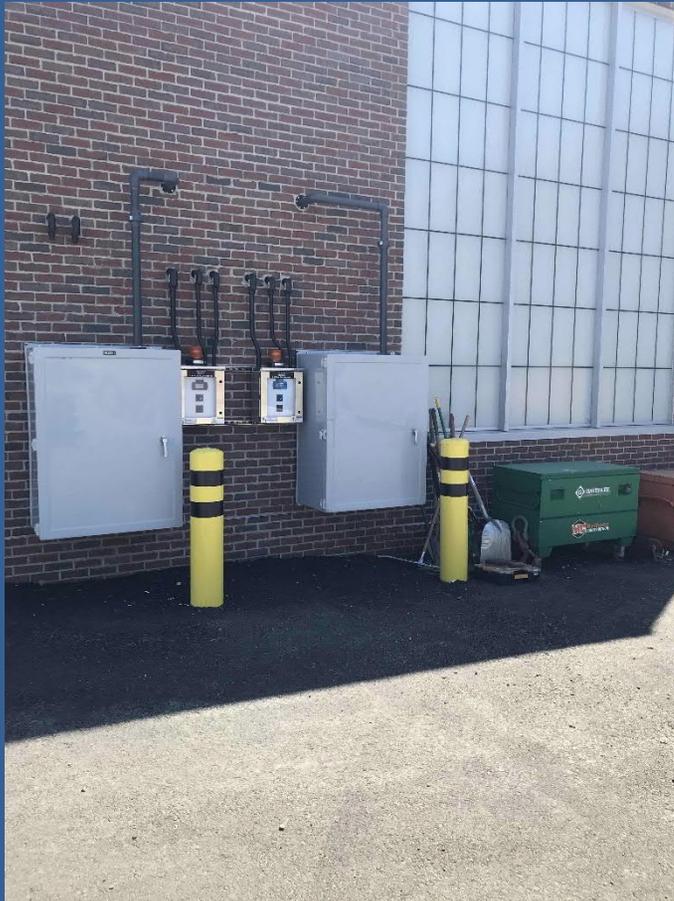
June 17, 2020



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10

# Work Completed Since Last Meeting



Site Work



# Work Completed Since Last Meeting



Ops/Lab Building

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12

# Work Completed Since Last Meeting



Ops/Lab Building

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13

# Work Completed Since Last Meeting



Ops/Lab Building

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14

# Work Completed Since Last Meeting



Ops/Lab Building



# Work Completed Since Last Meeting



Ops/Lab Building

June 17, 2020



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16

# Work to be Completed in Coming Month

- Continue minor finish work at the Headworks Building, Grit Building, Solids Building, and BAF Building
- Continue startup of the BAF Building process
- 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
- Complete startup of Gravity Thickener No. 2
- Complete installation of roofing system, interior metal stud framing, interior masonry, and exterior brick work at the new Operations/Lab Building



# Work to be Completed in Coming Month

- Continue mechanical process work at the new Operations/Lab Building
- Continue HVAC, electrical, and plumbing rough in work at the new Operation /Lab Building lower level
- Continue installation of landscaping and work to bring site to final grade
- Complete placement of asphalt access walkways
- Complete installation of 12' wide Vegetated Maintenance Corridor
- Continue installation of chain link fence and gates
- Continue installation of site lighting
- Start installation of granite curb and concrete block retaining wall



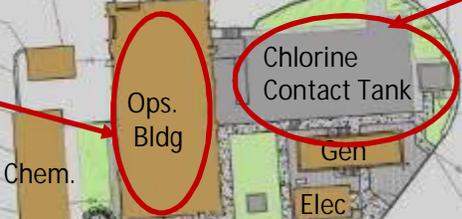


Piscataqua River

Anticipated Construction  
June – December 2020

Operations/Lab Building

Chlorine Contact Tanks

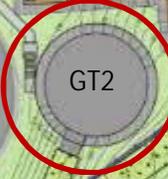
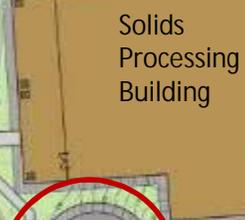


Permanent Fence

Site Work

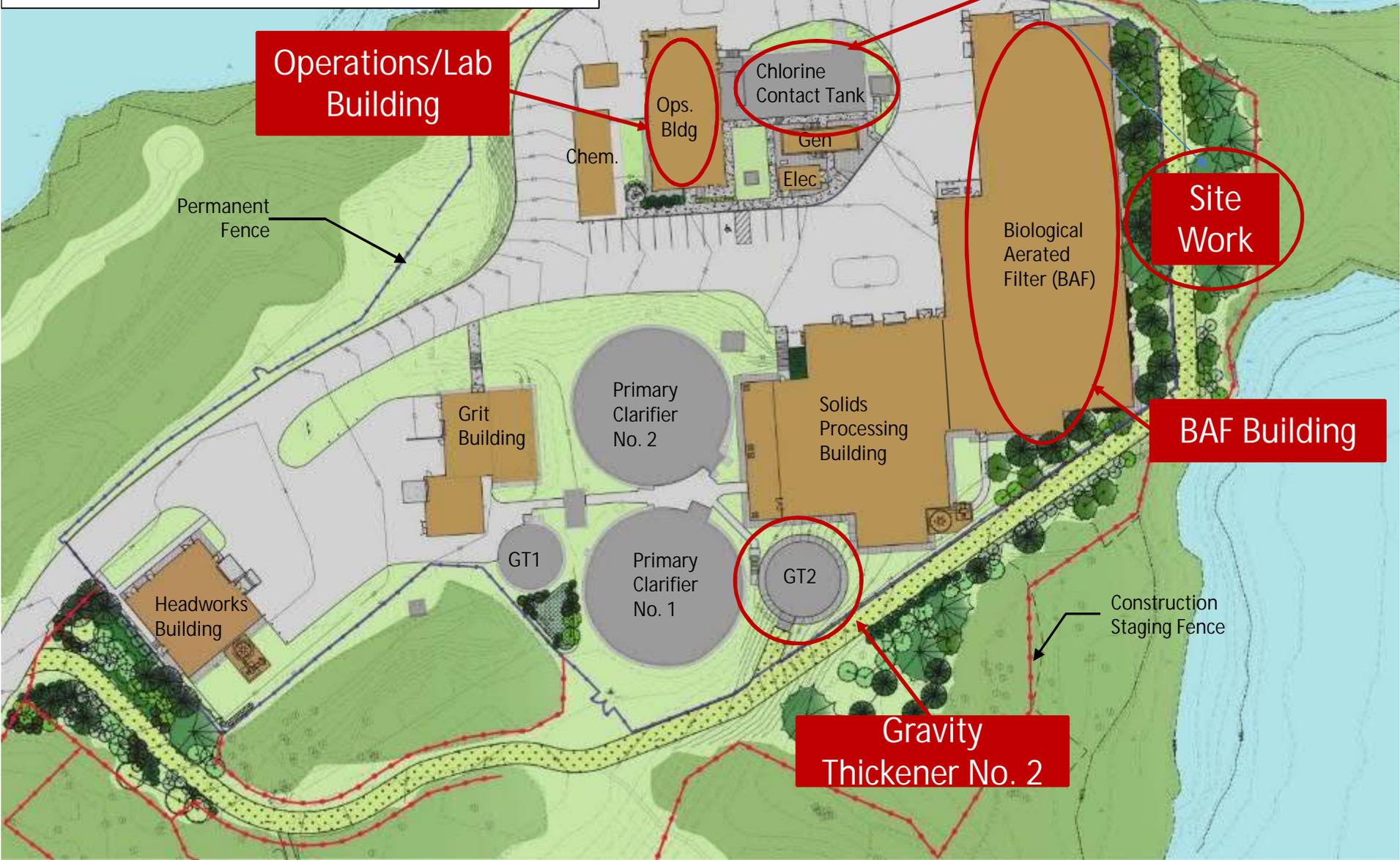


BAF Building



Construction Staging Fence

Gravity Thickener No. 2



# 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
- Total Contract: \$75.022 million



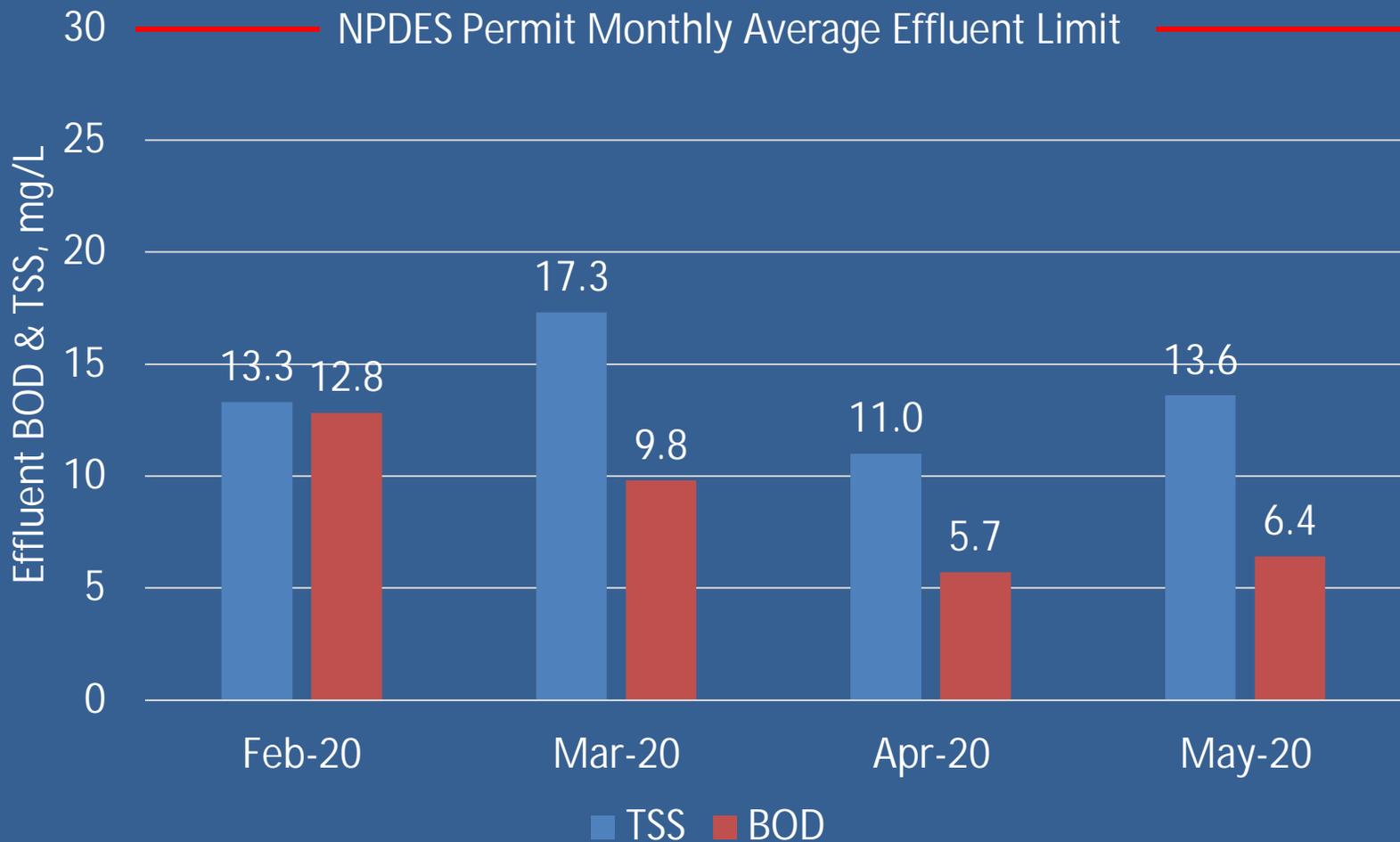
# Consent Decree Schedule

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	<del>December 1, 2019</del> December 31, 2019	Complete
Achieve Compliance with NPDES Permit Limits	April 1, 2020	Complete
Achieve Compliance with Consent Decree Total Nitrogen Limits*	June 1, 2020	On Schedule

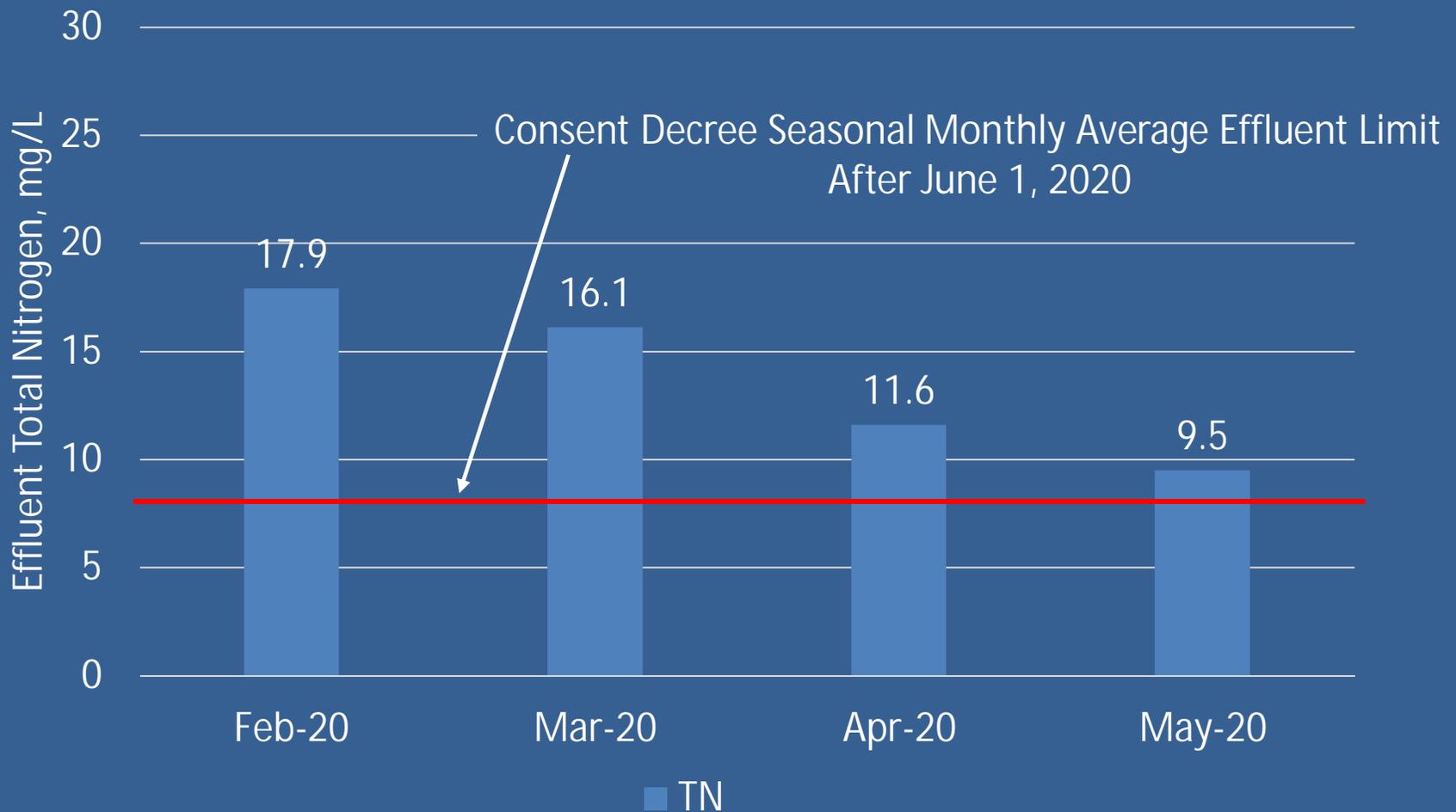
\*Seasonal Limit May through October



# Effluent Results



# Effluent Results



# Events and Recreation

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- Upcoming
  - None scheduled at this time





Public Input / Comments / Concerns

# Next Meeting

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- Public Construction Meeting
  - Next Meeting: July 15, 2020, 11:00 AM

