



Peirce Island WWTF Upgrade Construction
Public Information Meeting
August 19, 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:

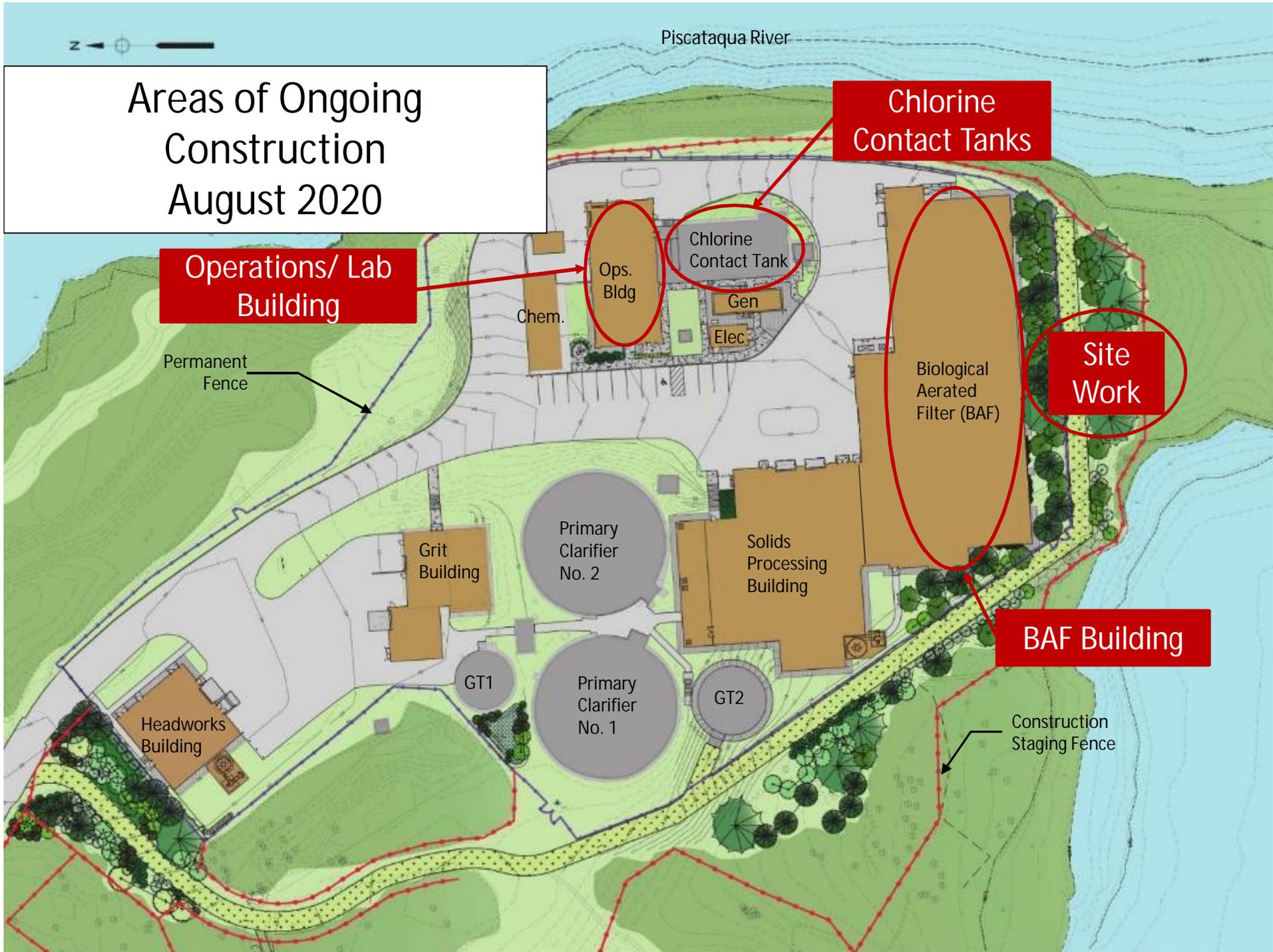
- Brian Goetz, Deputy Director of Public Works, 603-766-1420
bfgoetz@cityofportsmouth.com

- 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 August 2020

Operations/ Lab Building

Chlorine Contact Tanks

Chlorine Contact Tank

Ops. Bldg

Site Work

Biological Aerated Filter (BAF)

BAF Building

Construction Staging Fence

Permanent Fence

Piscataqua River

Chem.

Gen

Elec

Grit Building

Primary Clarifier No. 2

Solids Processing Building

Headworks Building

GT1

Primary Clarifier No. 1

GT2

Site Overview November 2016



August 19, 2020



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Work Completed Since Last Meeting



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Work Completed Since Last Meeting



Site Work

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Work Completed Since Last Meeting



Site Work

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Work Completed Since Last Meeting



Site Work

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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



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Work Completed Since Last Meeting



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Work Completed Since Last Meeting



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Work Completed Since Last Meeting



Ops/Lab Building

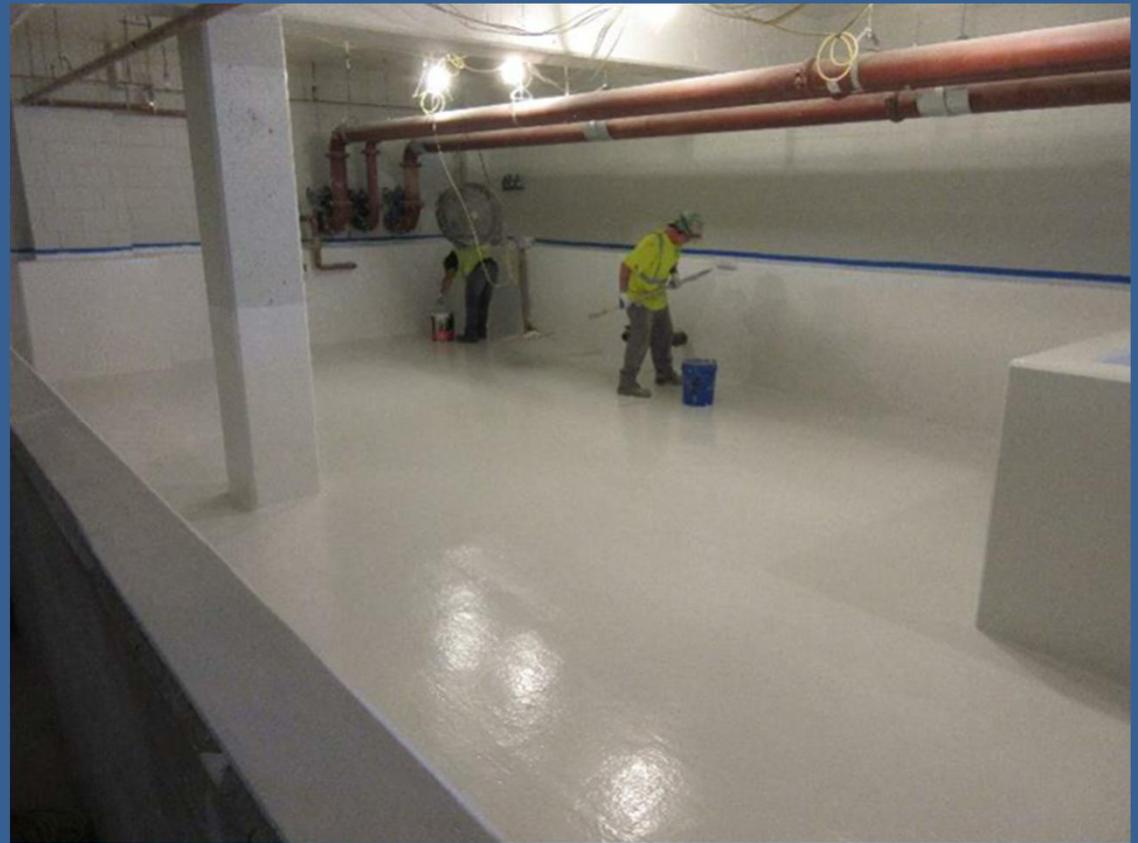
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Work Completed Since Last Meeting



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 Headworks Building, 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
- Continue installation of the new Operations/Lab Building upper level metal wall façade
- Continue installation of exterior windows, doors and drywall 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, plumbing, and fire protection rough in work at the new Operations /Lab Building
- Prepare the new Operations/Lab Building upper level for painting
- Continue installation of chain link fence and gates
- Continue installation of granite curb and pavement



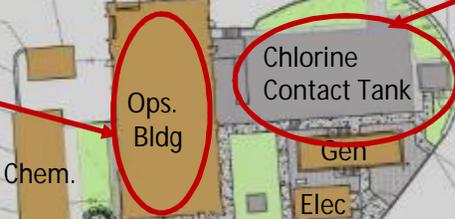


Piscataqua River

Anticipated Construction
August – February 2021

Chlorine
Contact Tanks

Operations/Lab
Building



Permanent
Fence

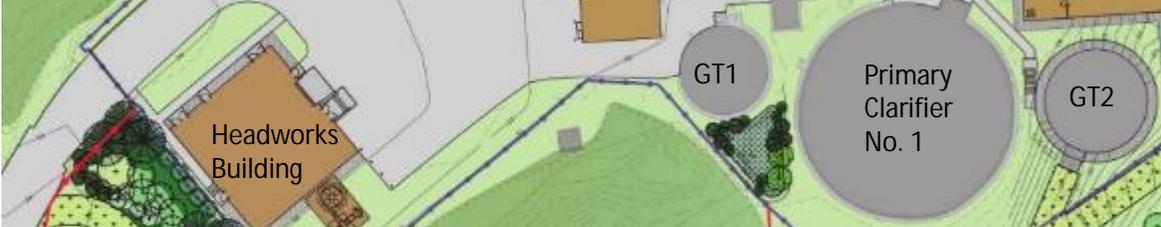
Site
Work



BAF Building



Construction
Staging Fence



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



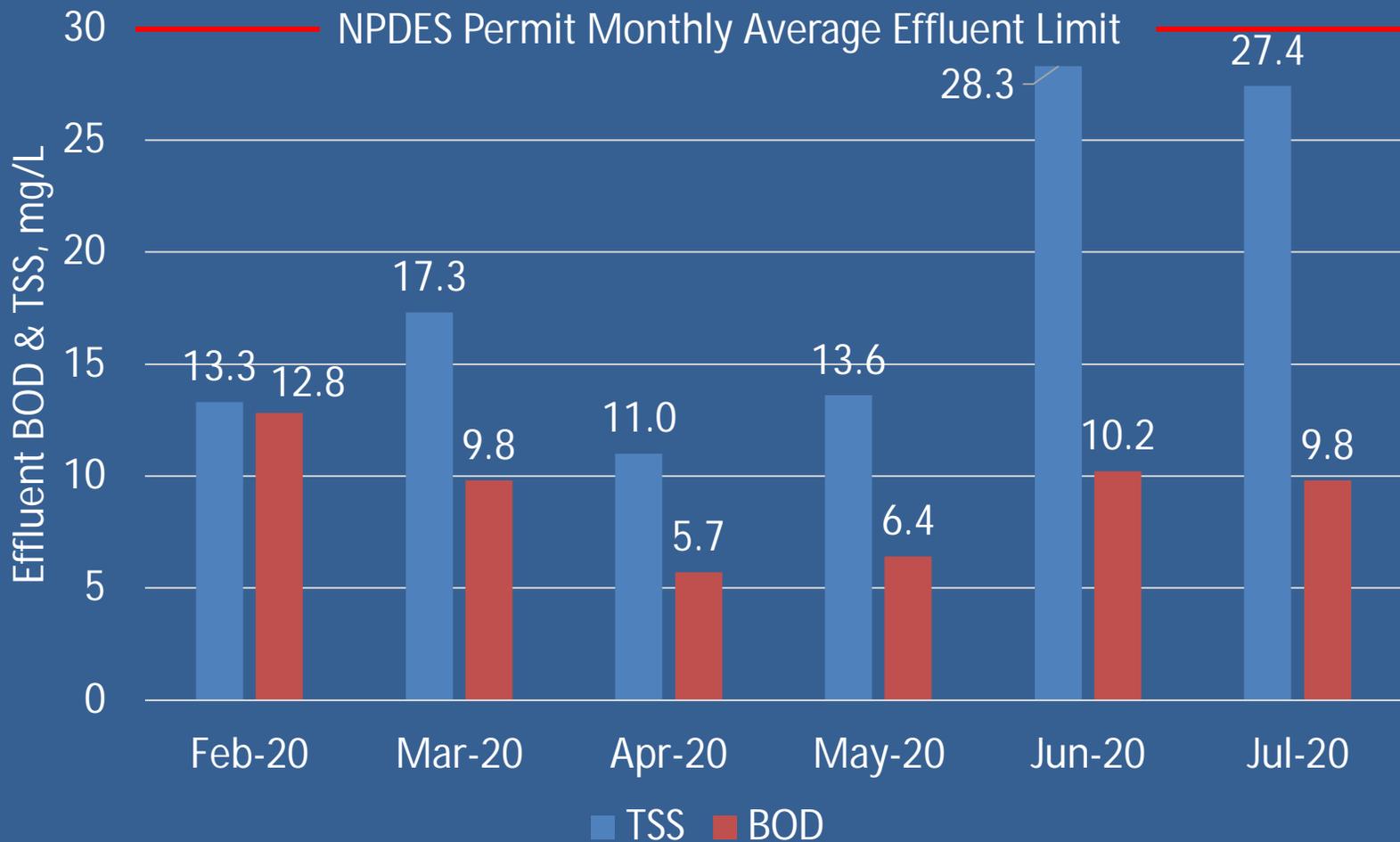
Consent Decree Schedule

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	December 1, 2019 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	Complete

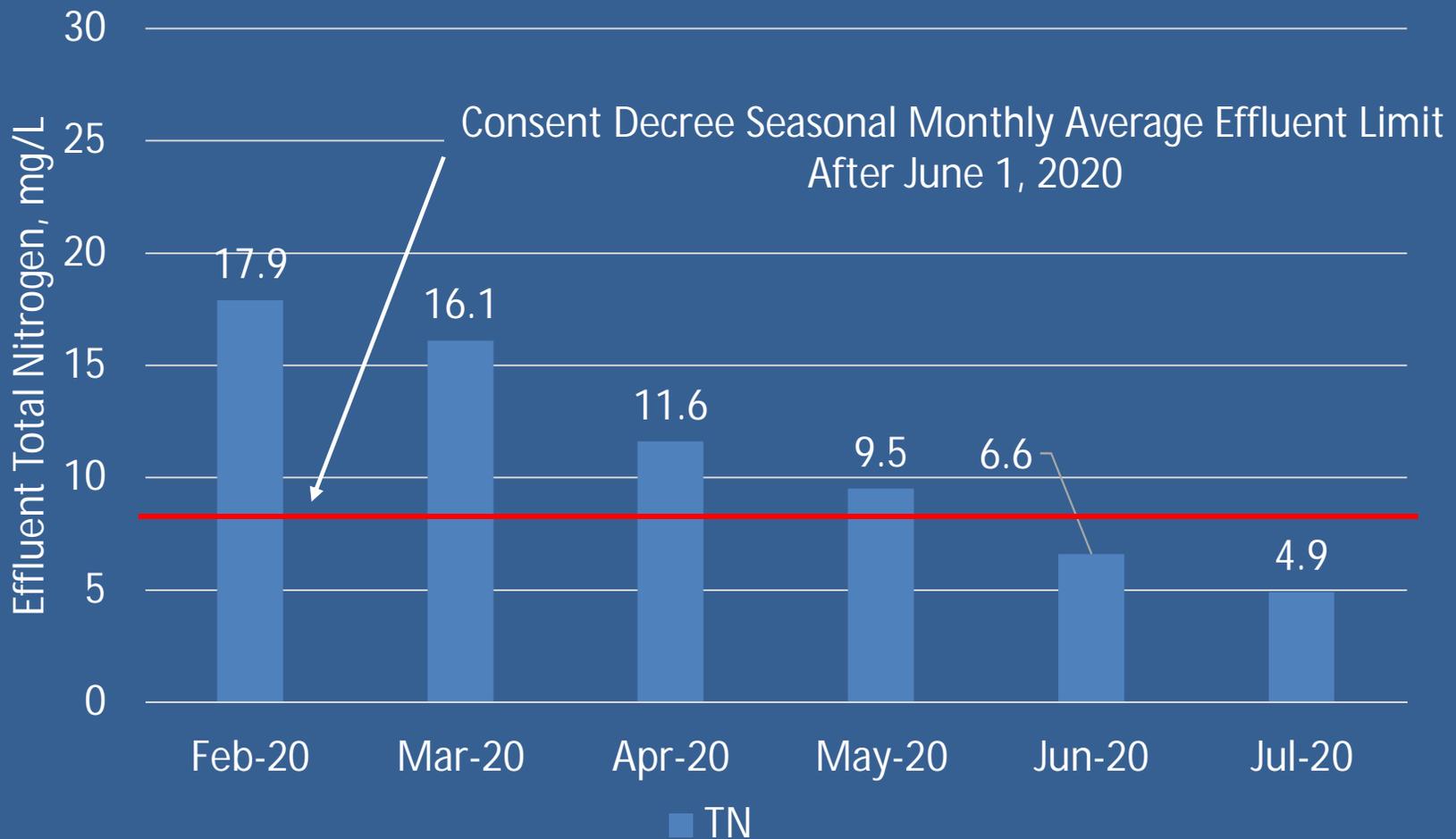
*Seasonal Limit May through October



Effluent Results



Effluent Results



Events and Recreation

- Upcoming
 - No events scheduled.





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: September 16, 2020, 11:00 AM

