

# Peirce Island Work Session with Peirce Island Committee

February 8, 2021

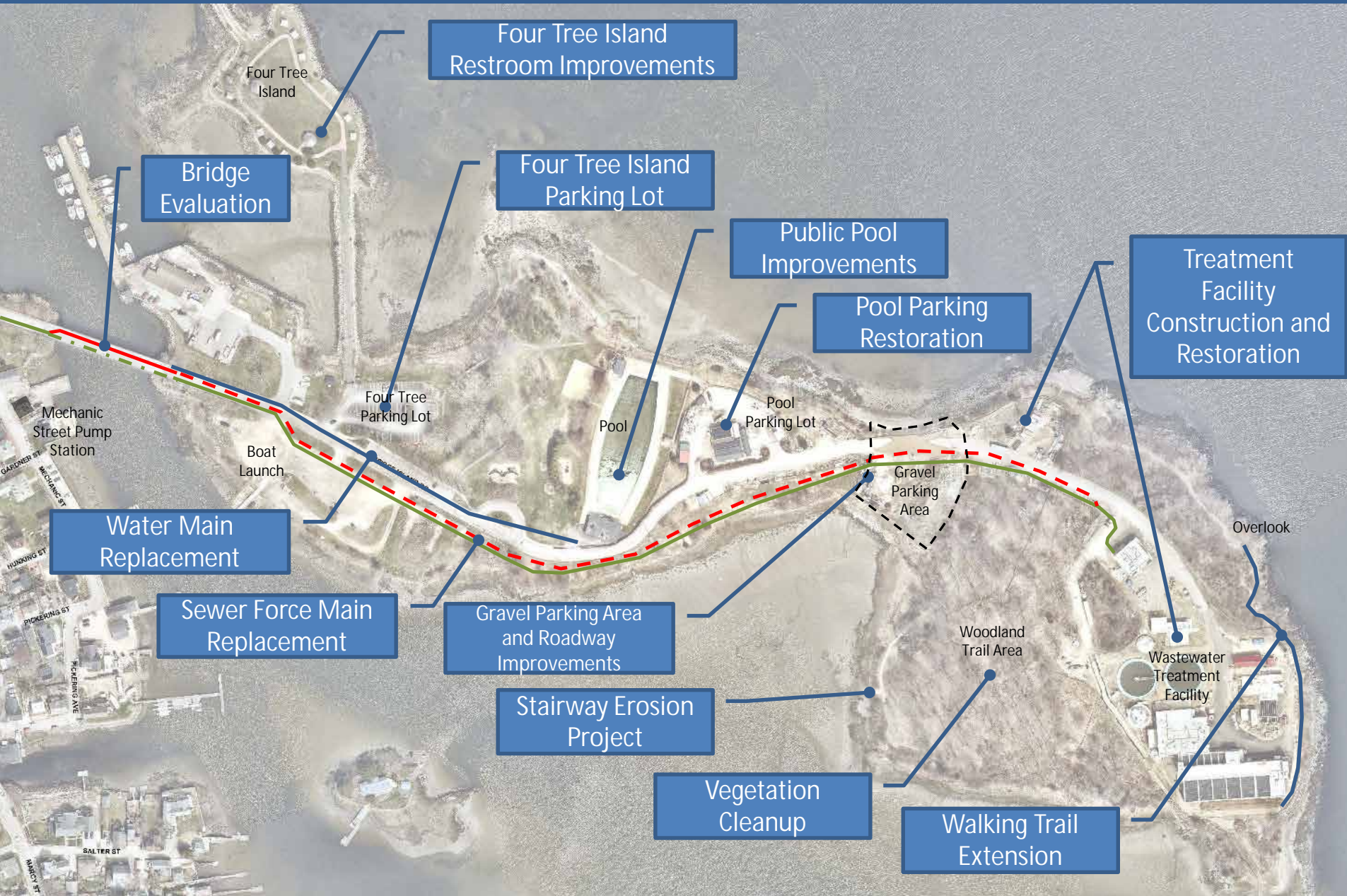
# Agenda

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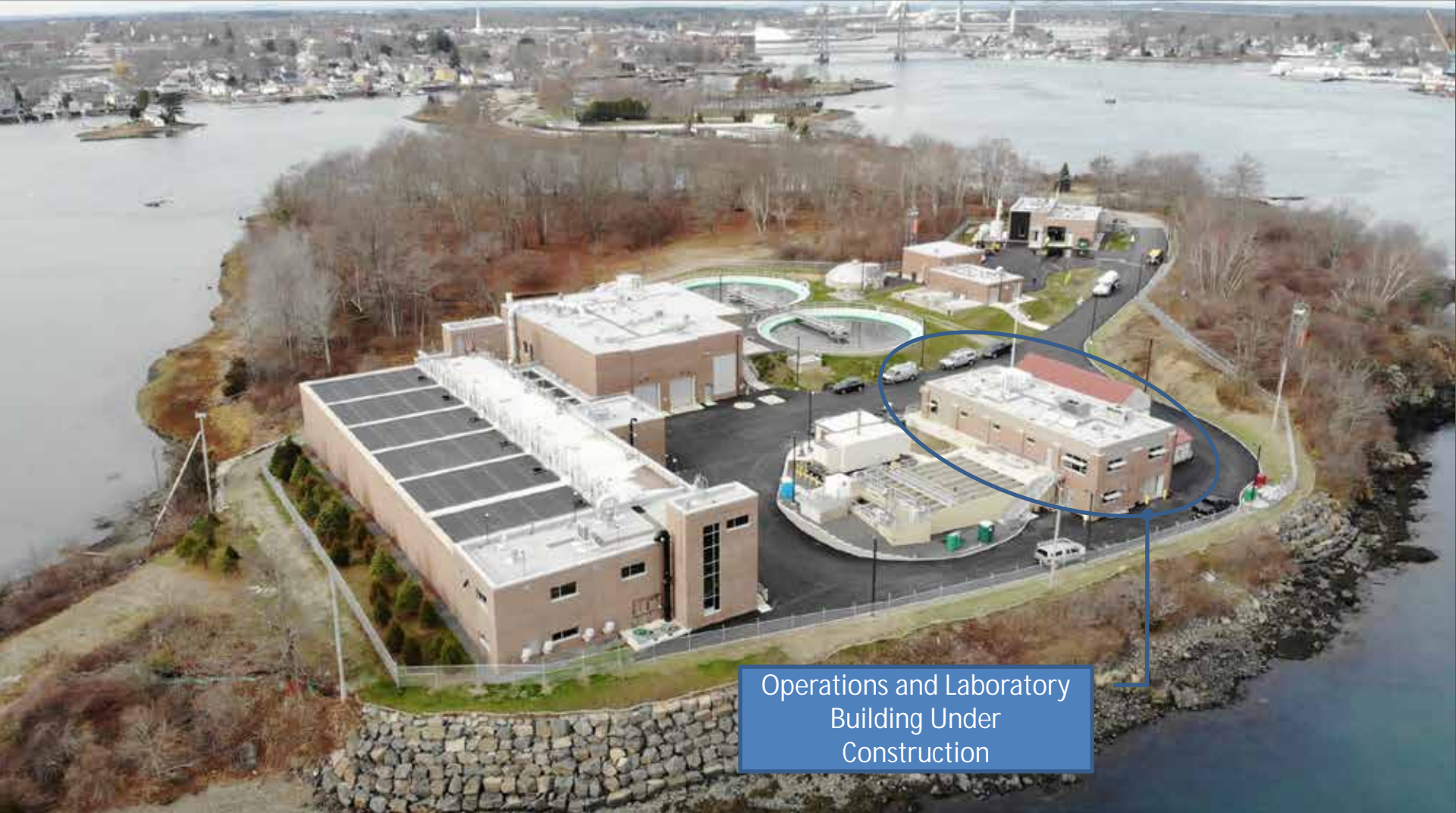
- Overview of Activities
- Wastewater Treatment Facility
  - Sewer Force Mains
- Peirce Island Bridge
- Public Art
- Off-leash Dog Walking Area
- Vegetation Maintenance



# Overview Of Activities



# Peirce Island WWTF – Dec 2020



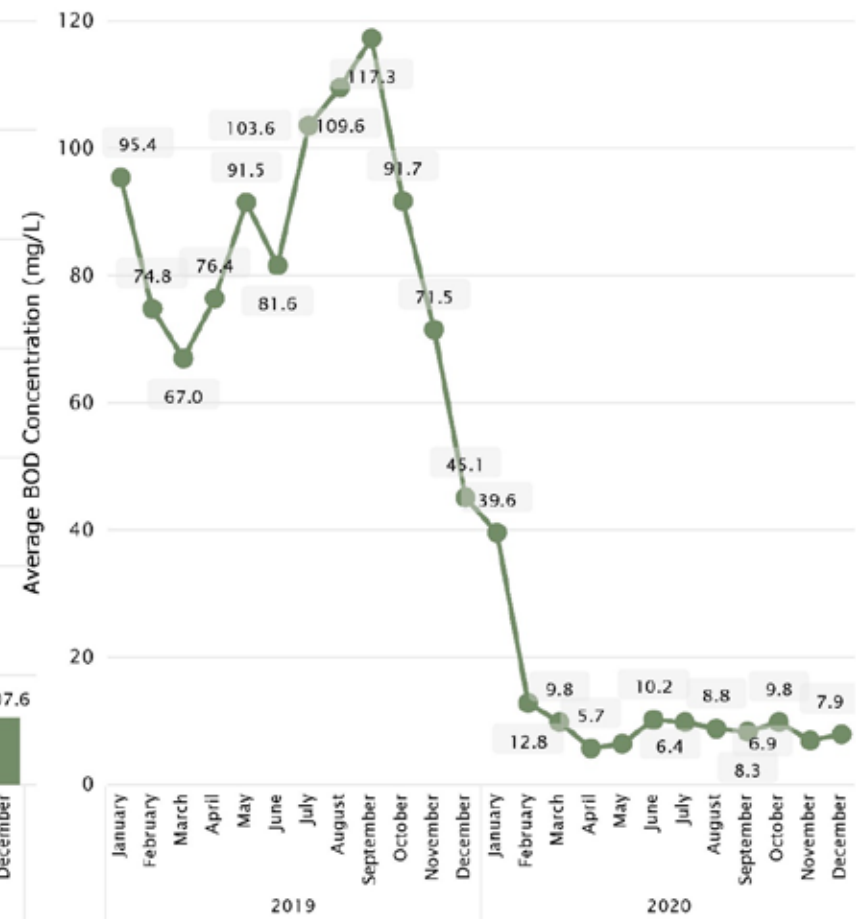
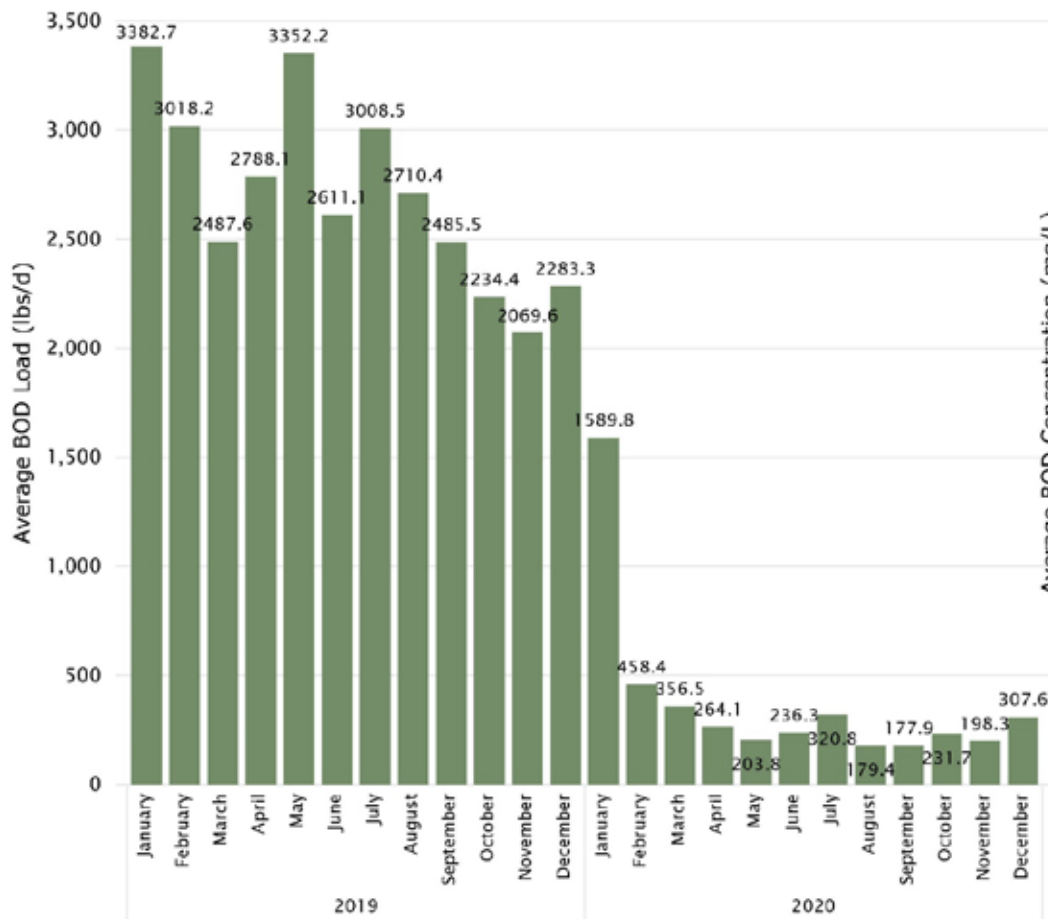
Operations and Laboratory Building Under Construction



# WWTF Performance

## PEIRCE ISLAND BIOLOGICAL OXYGEN DEMAND (BOD) EFFLUENT

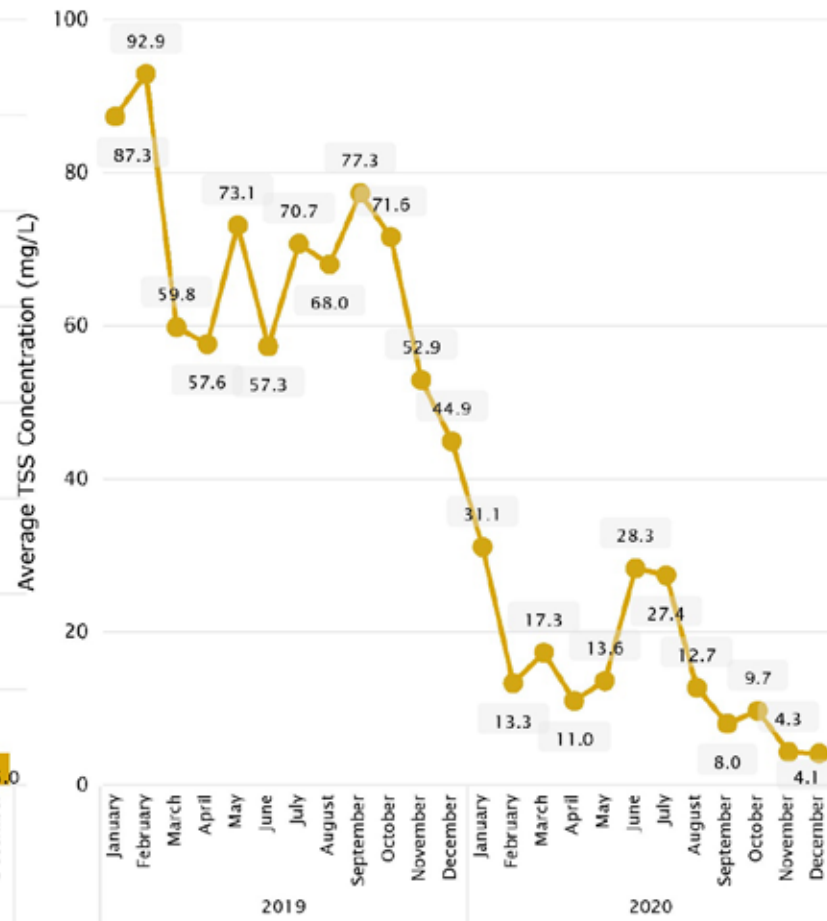
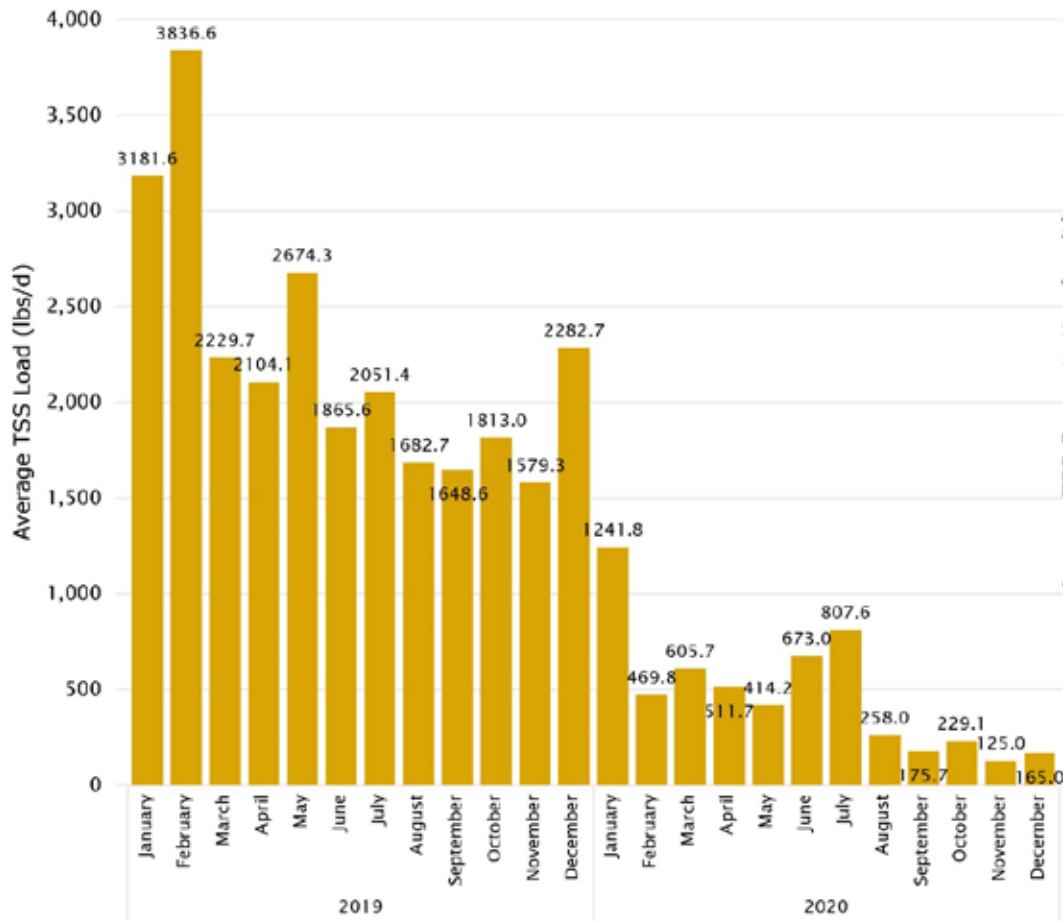
January 2019 - December 2020



# WWTF Performance

## PEIRCE ISLAND TOTAL SUSPENDED SOLIDS (TSS) EFFLUENT

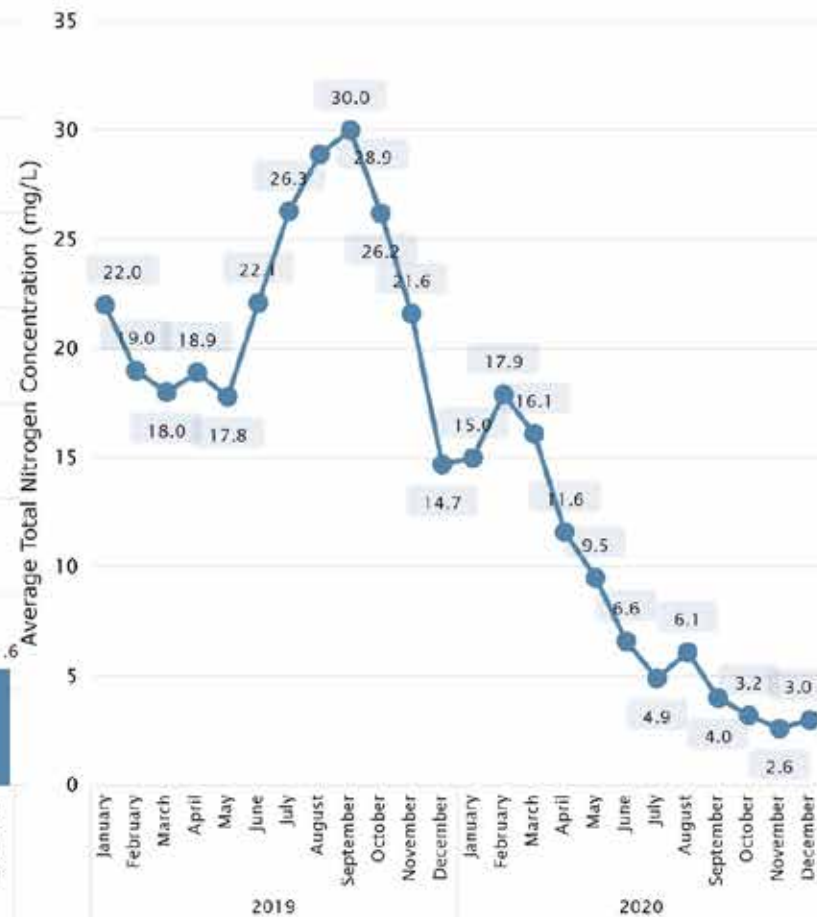
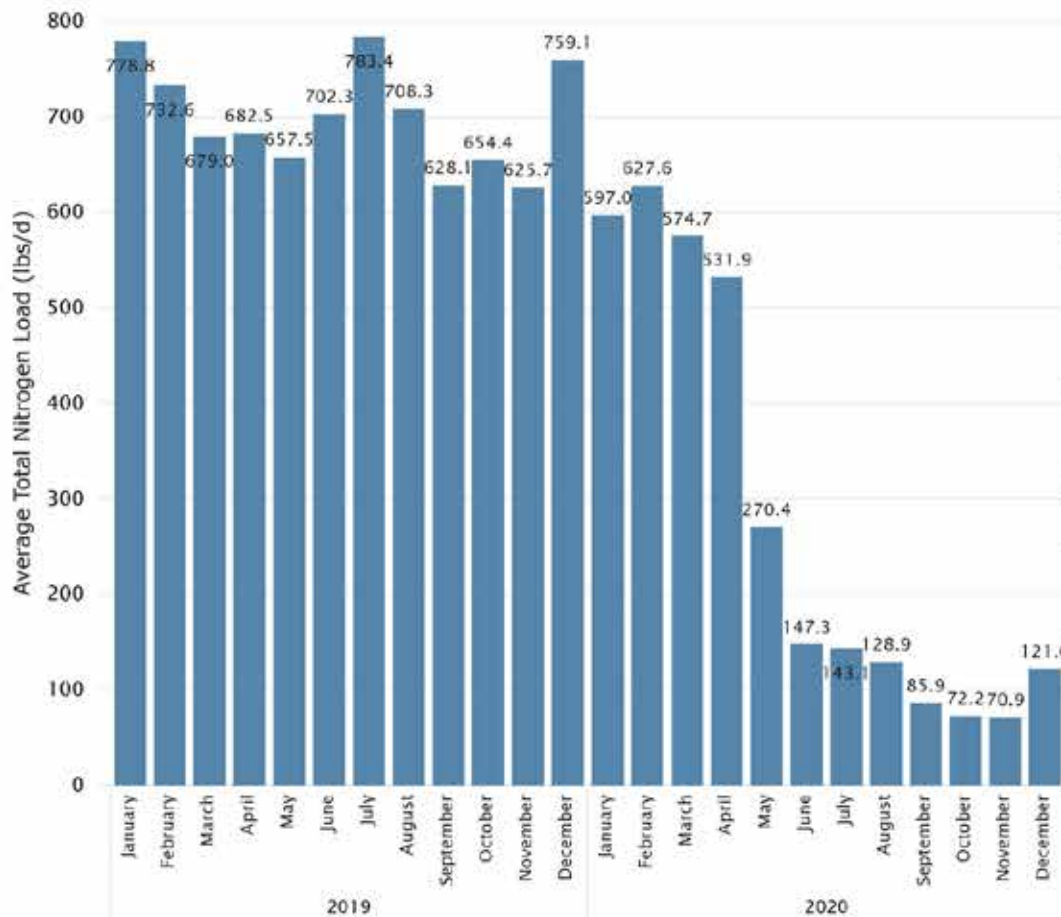
January 2019 - December 2020



# WWTF Performance

## PEIRCE ISLAND TOTAL NITROGEN EFFLUENT

January 2019 - December 2020



# Peirce Island WWTF Construction Schedule

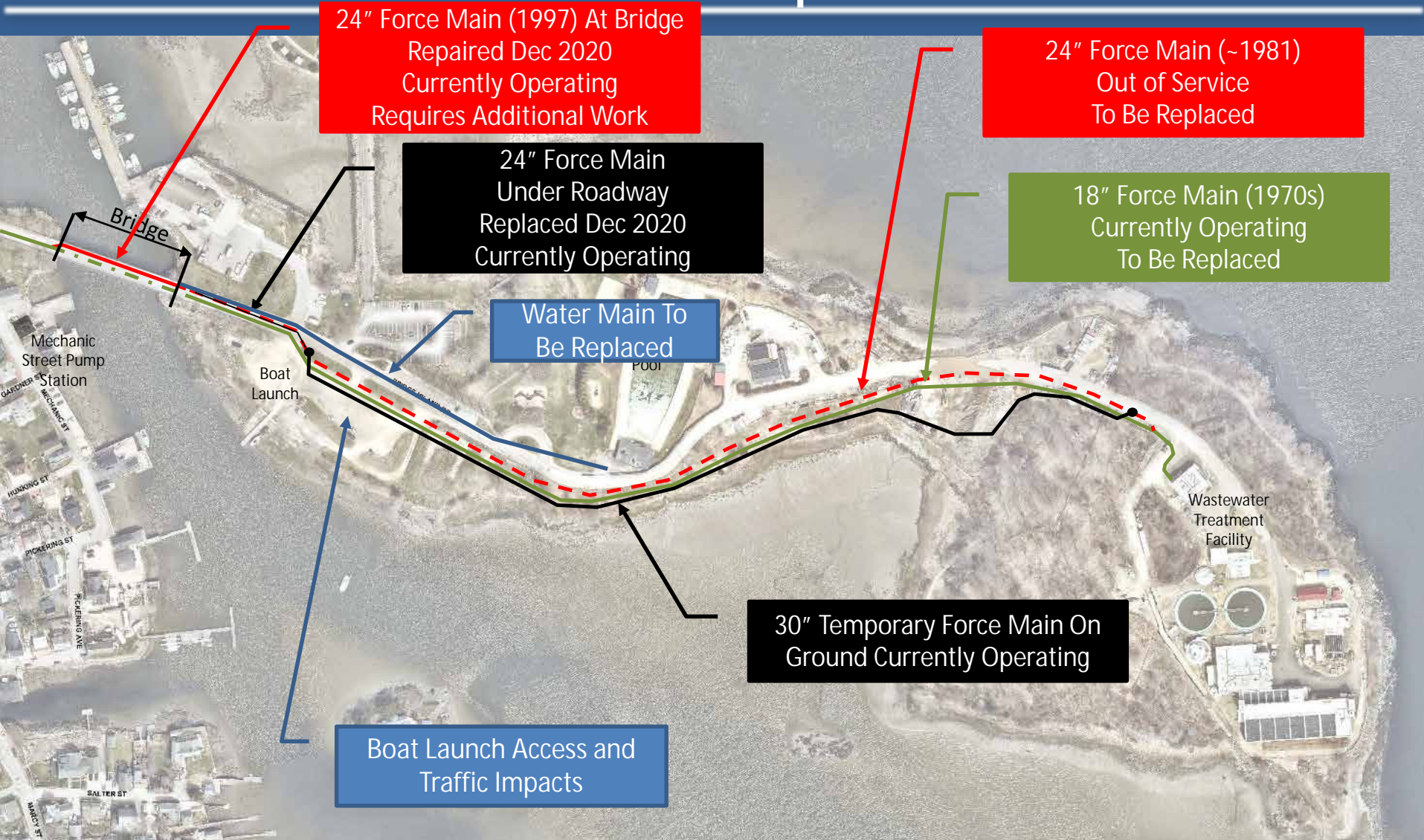
- All Consent Decree Milestones Met
- Contractual Substantial Completion
  - Anticipated March 17, 2021
- Contractual Final Completion
  - Anticipated June 2021

- Site Restoration
- Removal of Construction Fencing
- Demobilization





# Sewer Force Mains and Water Main Replacement



# Sewer Force Mains Under Bridge

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- Two Existing Sewer Force Mains
  - 16" (2016)
  - 24" (1997) repaired and evaluated Dec 2020
- 24" Force Main Requires Additional Work
  - Deterioration at joints
  - Engineers currently evaluating options



# Peirce Island Bridge

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- Bridge Deck Replacement 2016
- Anticipated Replacement After Completion of WWTF Construction
  - Evaluated during construction
  - Better than anticipated
- Currently Evaluating Substructure To Extend Life Span (+10 years)
  - Improves opportunity to receive funding



# Public Art

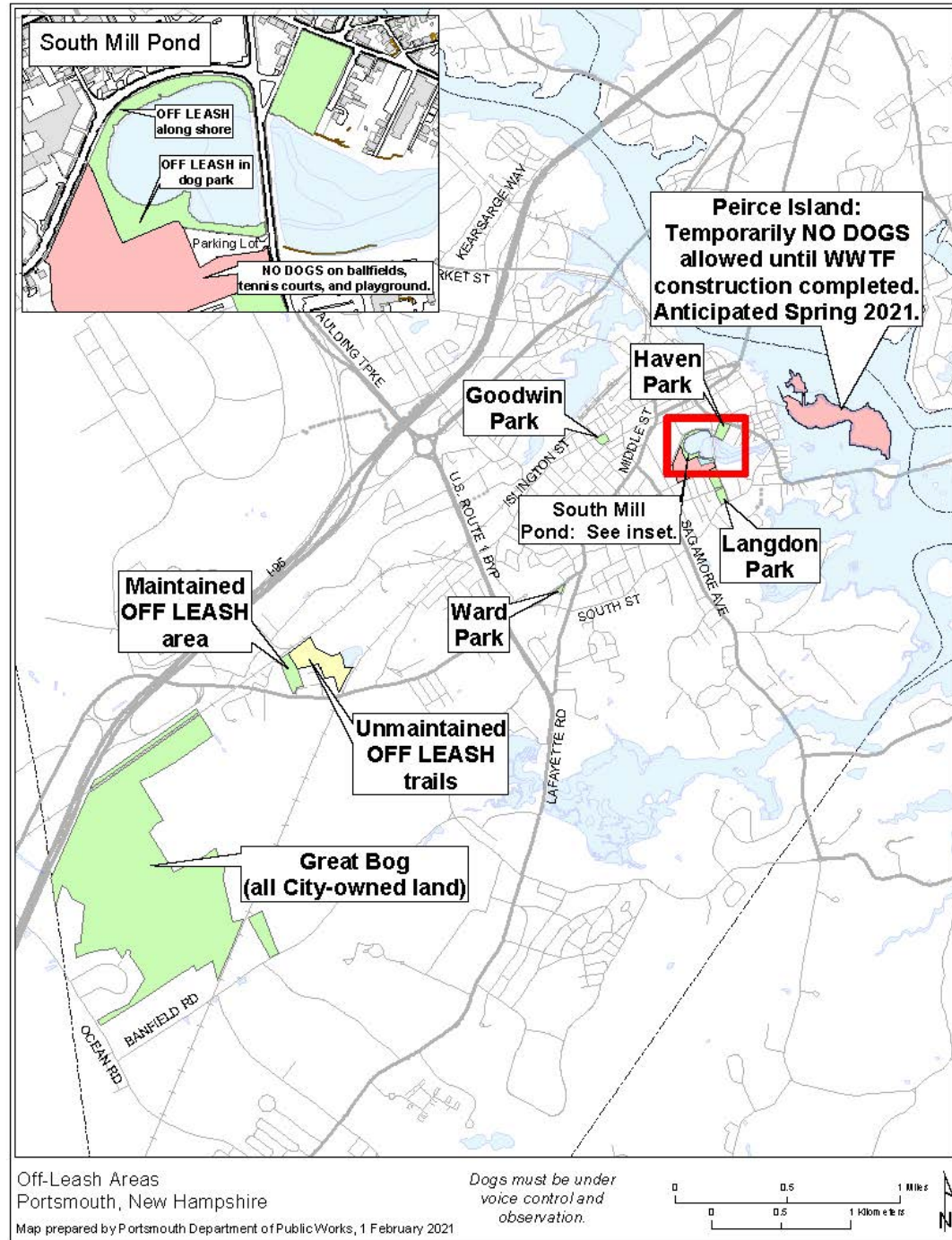
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- Currently Defined By Ordinance
  - \$150,000 for the Peirce Island WWTF
- Public Art Not Eligible For SRF Funding
- Construction Budget Not Adequate To Cover Art
- City Council Will Need To Appropriate Funds From Sewer Fund Net Position Or Exempt This Project



# Off Leash Dog Walking Area

- Updated Map Identifying All Locations
- Will Put In Place Temporary Access for Peirce Island Until Construction Complete





# Dialogue and Questions

