



# Peirce Island WWTf Construction

Portsmouth City Council Meeting  
January 9, 2017 Quarterly Update

# Topics of Discussion

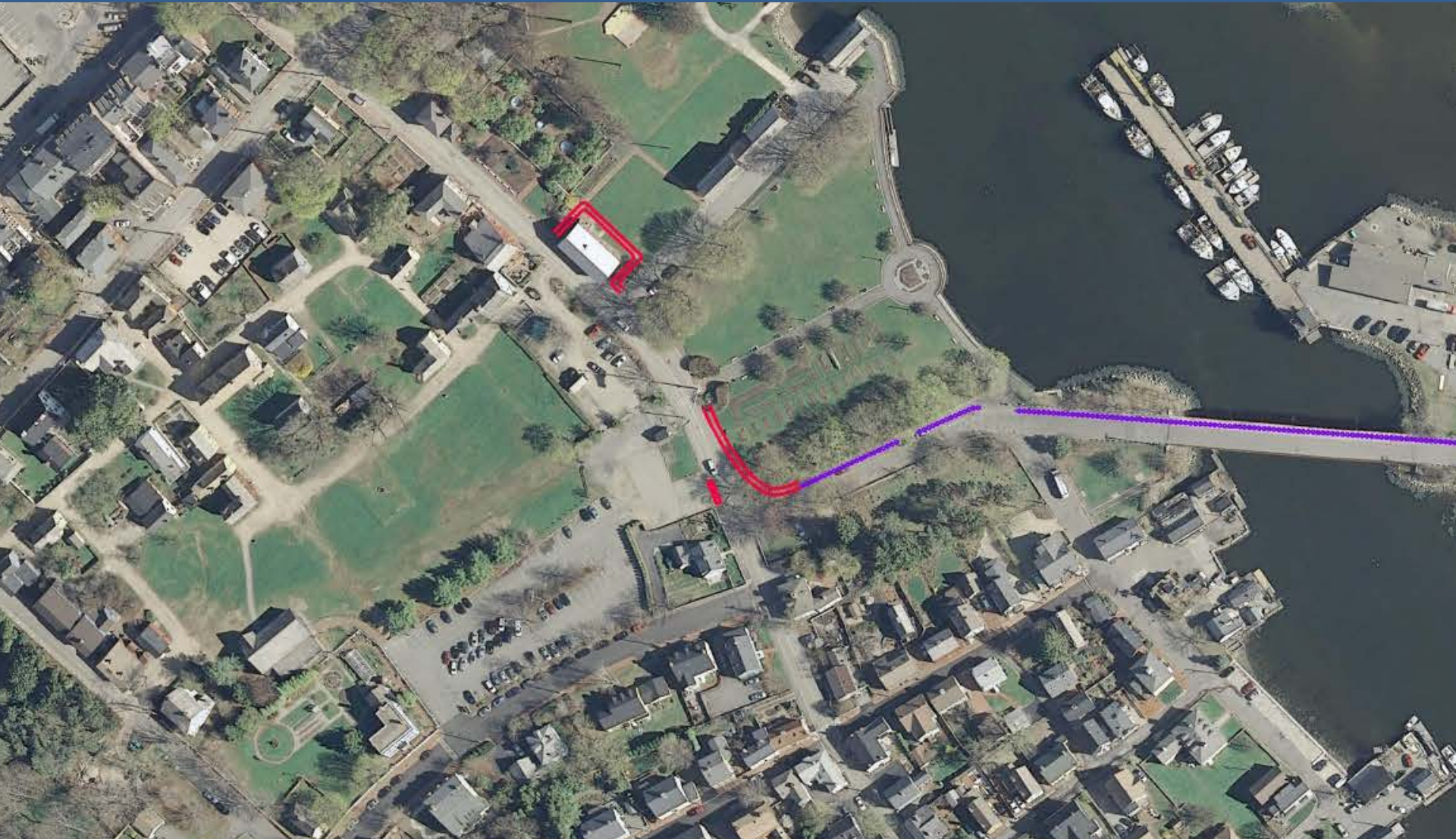
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- Construction Update
- Legal Update





# Off Island Work





# Off Island Work Pictures



# Off Island Work Pictures





# Staging Area Work

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# Staging Area Work Pictures





# WWTF Work

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Anticipated Construction  
December 2016 – May 2017

Piscataqua River

New Pump Station

Temporary Electrical Facilities

Existing Filter Building Demolition

New Electrical Facilities

Ops. Bldg  
Chlorine Contact Tank  
Chem.  
Gen  
Elec

Biological Aerated Filter (BAF)

Headworks Excavation & Construction

Permanent Fence

Solids Processing Building

Primary Clarifier No. 2

Grit Building

Revetment Construction

Construction Staging Fence

Sludge Thickener Excavation

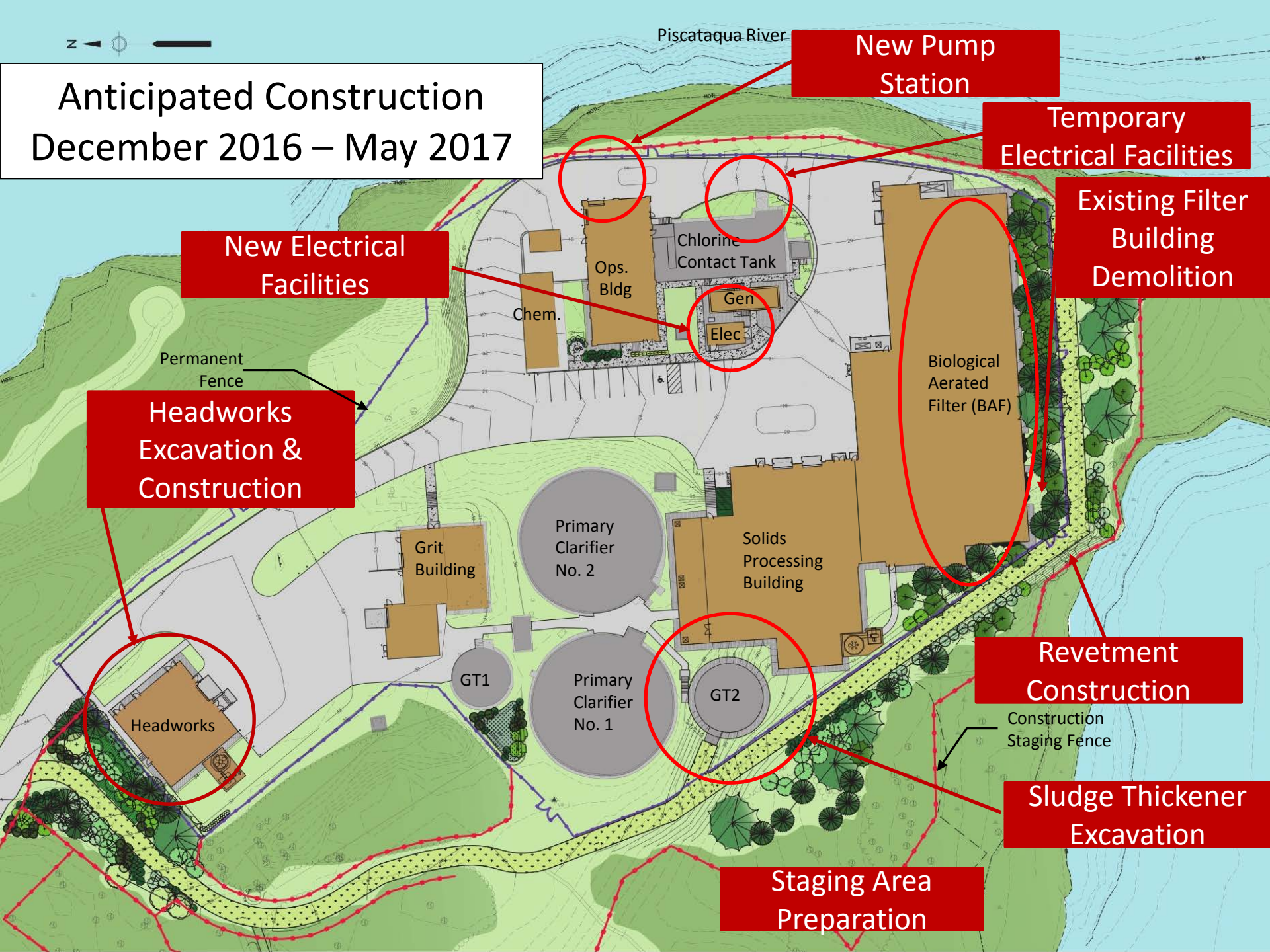
Headworks

Primary Clarifier No. 1

GT1

GT2

Staging Area Preparation





# WWTF Work Pictures



January 9, 2017



Peirce Island WWTF Upgrade

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# WWTF Work Pictures



January 9, 2017



Peirce Island WWTF Upgrade



# WWTF Work Pictures



January 9, 2017



Peirce Island WWTF Upgrade

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# WWTF Work Pictures



# WWTF Work Pictures





# Public Meetings

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- September 21, 2016
- October 19, 2016
- November 16, 2016
- December 21, 2016
- Tonight's Quarterly Update to Council
- Presentations, Notes from Meeting on City's Wastewater Website
- No Construction Related Complaints to Date



# Ongoing Mitigation Work

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- Permitting and Design for Parking Area Expansion
  - Four Tree Island
  - Adjacent to Boat Ramp Parking Area
  - Construction in Spring 2017
- Use of Snow Dump Area in Winter
  - Will Reduce Traffic through South End for Downtown Load Out





# Legal Update

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- Consent Decree Second Modification
  - Milestones
  - Mitigation
- Citizens Complaint Update
  - Clean Water Act Complaint Filed November 30<sup>th</sup> in United States District Court
  - State Moved to Dismiss
  - City and EPA Will Respond in Late January



# Upgrade Milestones

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- Notice to Proceed September 1, 2016
- Completion of Headworks November 21, 2017
- Testing of BAF Influent Pumps May 9, 2019
- BAF Substantial Completion December 1, 2019
- Project Substantial Completion May 31, 2020  
(Contract Milestone)
- Meet Permit Compliance April 1, 2020
- Project Final Completion August 30, 2020  
(Contract Milestone)







# Questions