



Peirce Island WWTF Upgrade Construction
Public Information Meeting
January 17, 2018

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
- 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.

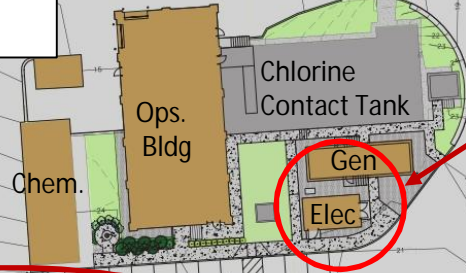




Piscataqua River

Areas of Ongoing Construction January 2018

New Electrical
Facilities



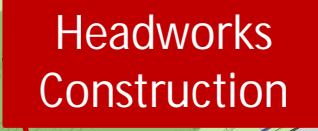
BAF Building
Rebar and
Concrete



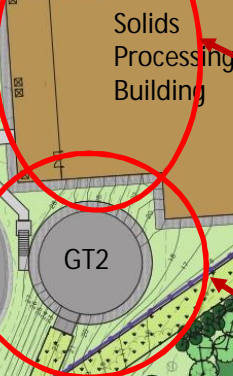
Yard Piping and
Utility Service



Headworks
Construction



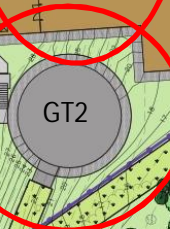
Solids Building
Underground
Utilities



Grit Building
Construction



GT 2/Temporary
Sludge Pump
Station



Permanent
Fence

Construction
Staging Fence

Primary Clarifier
No. 2

Primary Clarifier
No. 1

GT1

GT2

Chem.

Ops. Bldg

Chlorine
Contact Tank

Gen

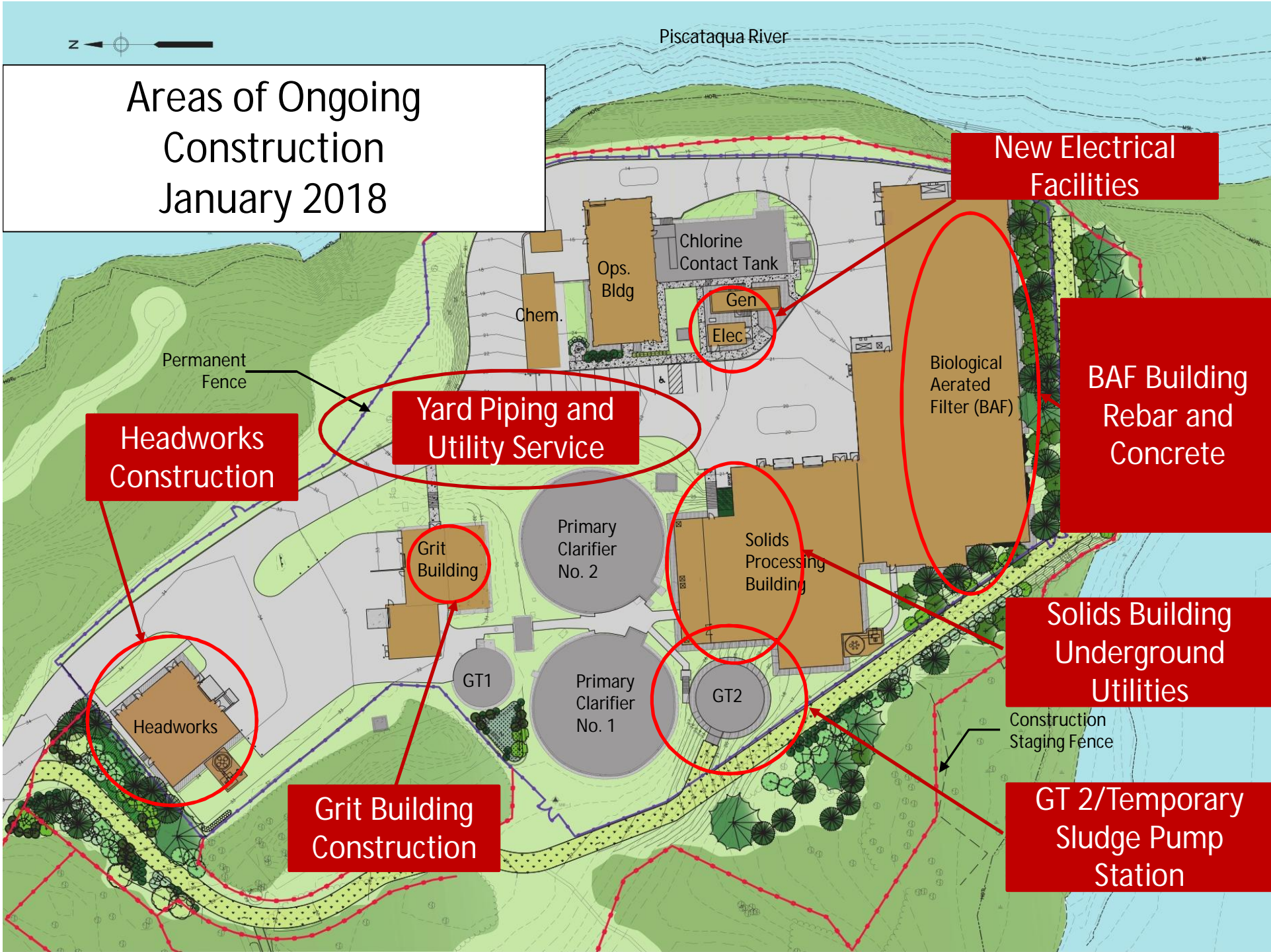
Elec

Biological
Aerated
Filter (BAF)

Solids
Processing
Building

Headworks

Grit
Building



Work Completed Since Last Meeting



GT 2/Temporary
Sludge Pump
Station

Solids Building
Underground
Utilities

BAF
Building
Rebar and
Concrete

New Electrical
Facilities

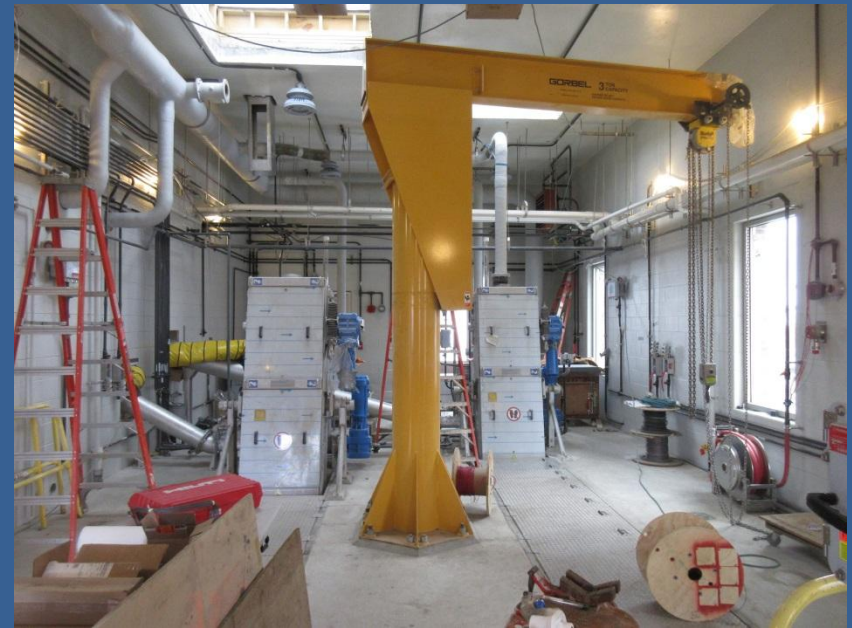
Headworks
Construction

Grit Building
Construction

Yard Piping &
Utility Service



Work Completed Since Last Meeting



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Peirce Island WWTF Upgrade Construction

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Work Completed Since Last Meeting



January 17, 2018



Peirce Island WWTF Upgrade Construction

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Work to be Completed in Coming Month

- Continue interior work at the Headworks Building, including doors, windows, mechanical, HVAC, plumbing, and electrical.
- Continue selective demolition and structural, mechanical process, HVAC, plumbing, and electrical construction in the Grit Building
- Continue installation of reinforcing steel and concrete for the BAF Building slabs and walls
- Continue installation of utilities under new Solids Building
- Install slide gate in Primary Effluent Distribution Box
- Begin installation of reinforcing steel and concrete for the Solids Building foundation



Work to be Completed in Coming Month, Cont.

- Continue interior work at the Electrical Building
- Start up and test the standby generator
- Begin to transfer buildings to permanent power
- Remove temporary electrical system and temporary switchgear
- Continue underground piping installation near the Grit Building

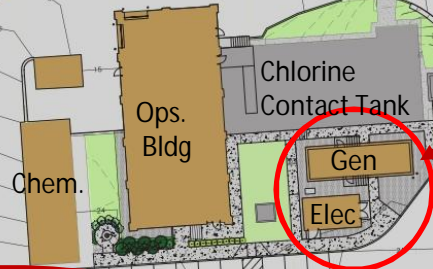




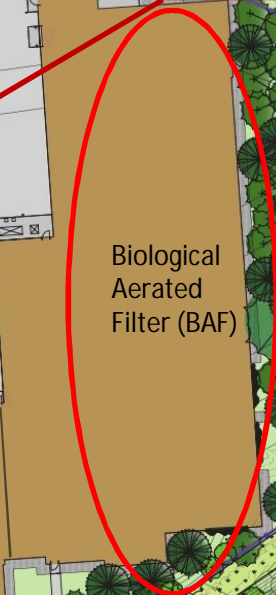
Piscataqua River

Anticipated Construction January – June 2018

New Electrical
Facilities



BAF Building
Construction

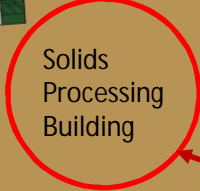


Headworks
Construction

Yard Piping and
Utility Service



Solids Building
Construction



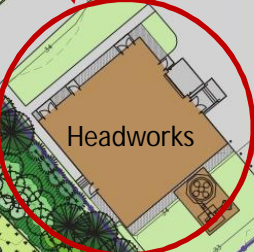
Grit Building



Temporary Sludge
Pump Station



Grit Building
Construction



Primary Clarifier
No. 2

Primary Clarifier
No. 1

GT1

GT2

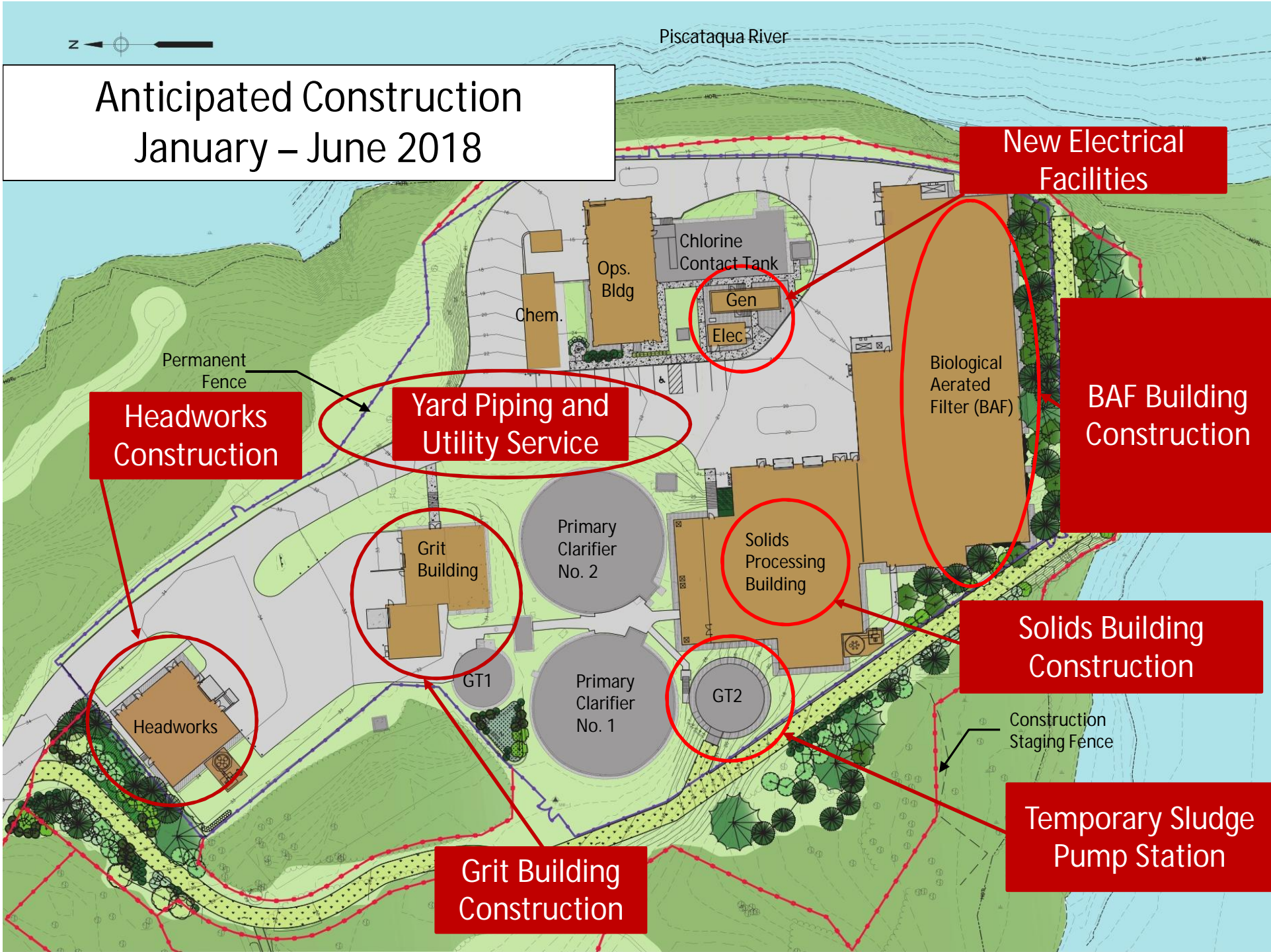
Ops. Bldg

Chlorine
Contact Tank

Chem.

Permanent
Fence

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
- Total Contract: \$73.956 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	On Schedule
BAF Substantial Completion	December 1, 2019	On Schedule
Achieve Compliance with NPDES Permit Limits	April 1, 2020	On Schedule



Events and Recreation

- Upcoming
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: February 21, 2018, 11:00 AM

