



Peirce Island WWTF Upgrade Construction

Public Information Meeting

July 17, 2019

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

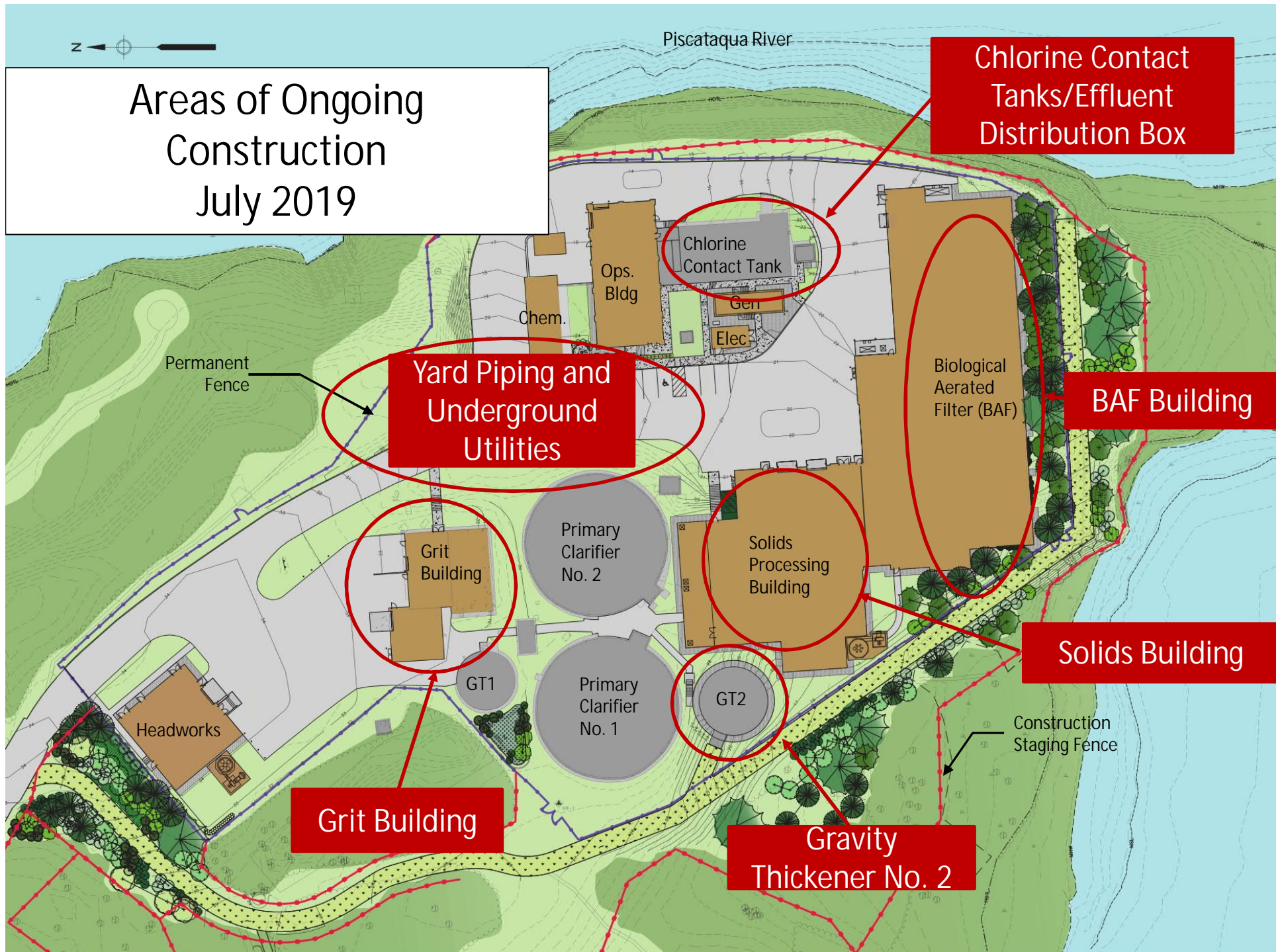
- Website:

<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.



Areas of Ongoing
Construction
July 2019



Site Overview November 2016



July 17, 2019



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



July 17, 2019



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



Yard Piping & Utilities

July 17, 2019



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



BAF Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



BAF Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



BAF Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

10

Work Completed Since Last Meeting



BAF Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

11

Work Completed Since Last Meeting



BAF Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

12

Work Completed Since Last Meeting



Solids Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

13

Work Completed Since Last Meeting



Solids Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

14

Work Completed Since Last Meeting



Solids Building

July 17, 2019



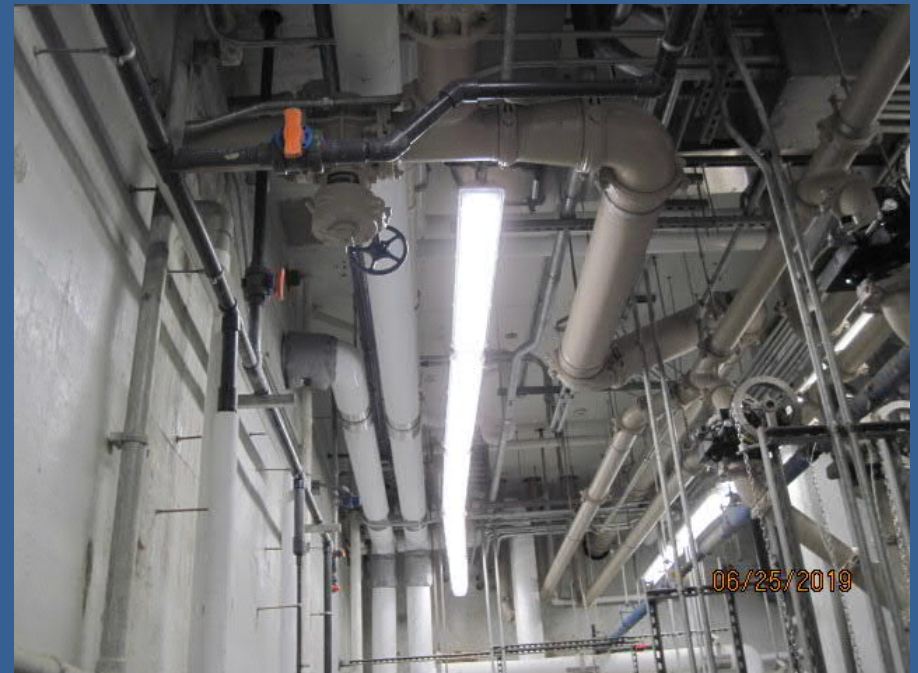
Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



Solids Building

Work Completed Since Last Meeting



Solids Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

Work Completed Since Last Meeting



Solids Building

July 17, 2019



Peirce Island WWTF Upgrade Construction

18

Work Completed Since Last Meeting



Effluent Distribution Box

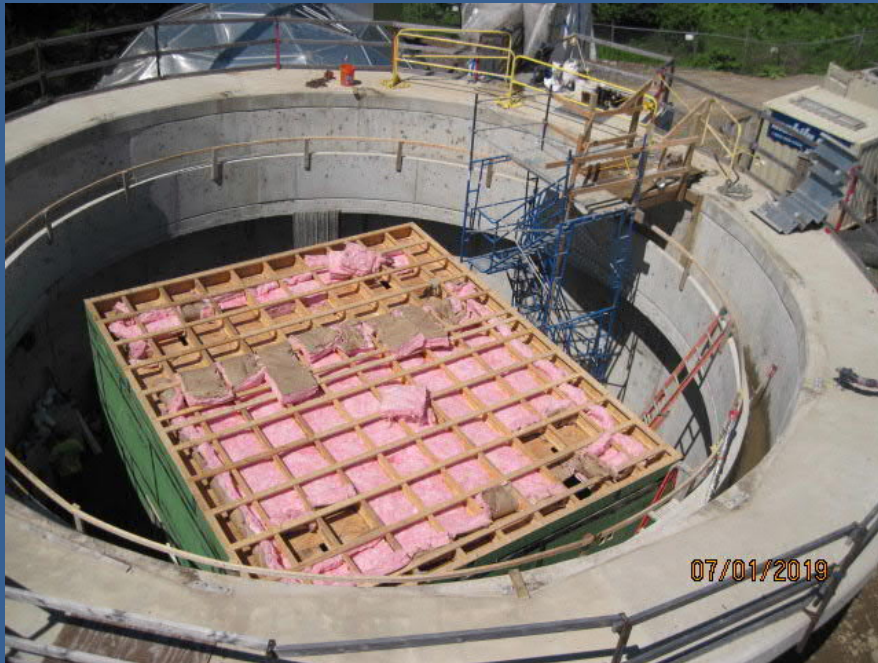
July 17, 2019



Peirce Island WWTF Upgrade Construction

19

Work Completed Since Last Meeting



Gravity Thickener No. 2

July 17, 2019



Peirce Island WWTF Upgrade Construction

20

Work to be Completed in Coming Month

- Continue minor finish work at the Headworks Building
- Continue architectural, structural, mechanical process, HVAC, plumbing, and electrical construction in the Grit Building
- Continue installation and testing of process piping in the pipe gallery and Stage 2 of the BAF Building
- Continue mechanical and electrical work in the BAF Building
- Continue installation of slide gates in the BAF cells
- Continue hydrostatic testing of BAF cells and effluent channels
- Continue installation of stairs in the BAF and Solids Buildings
- Continue masonry work at the BAF Building



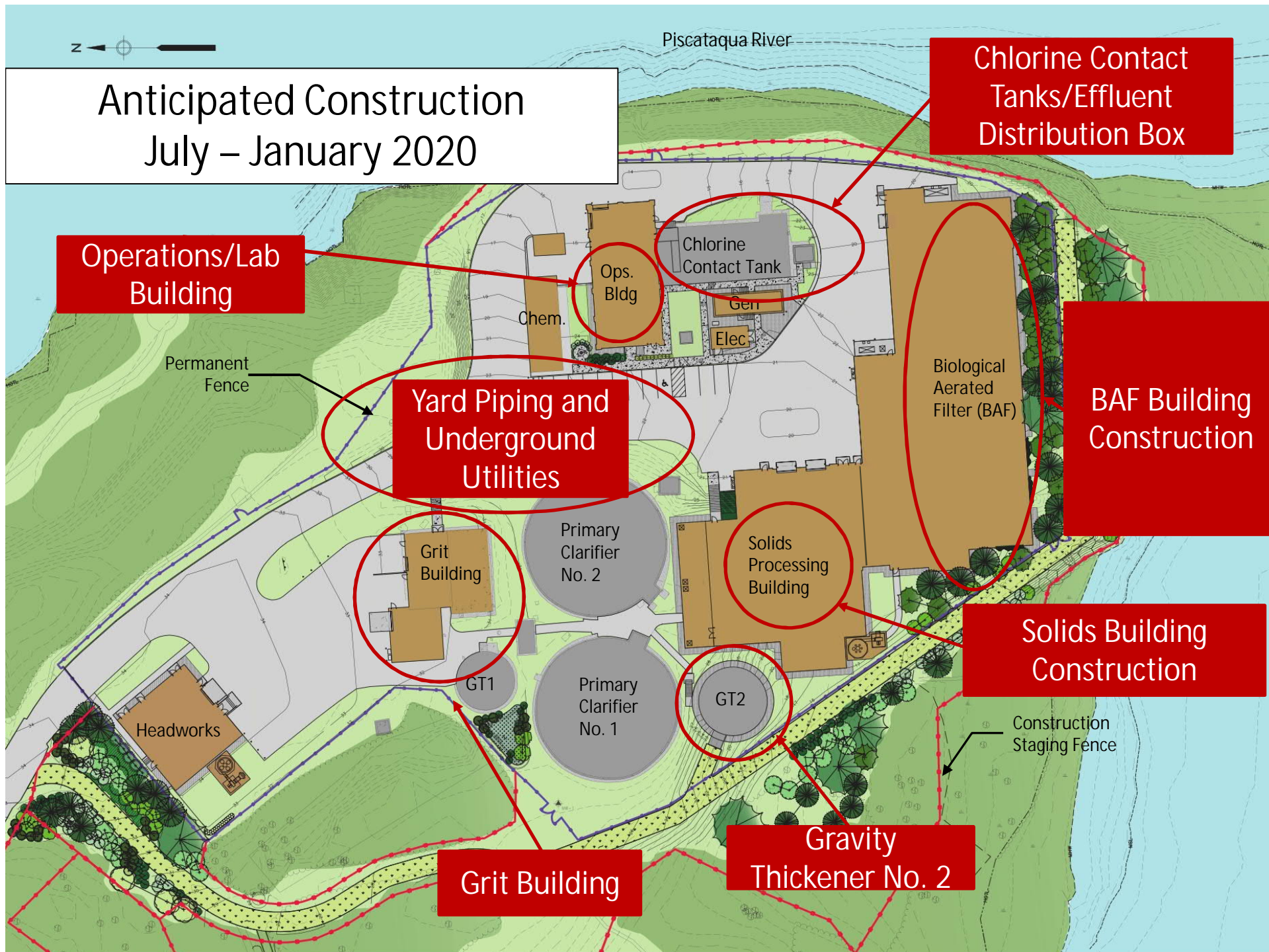
Work to be Completed in Coming Month, Cont.

- Continue installation, testing, and startup of equipment and process piping in the Solids Building
- Continue electrical, HVAC and plumbing work in Solids Building
- Continue painting of process piping in the Solids Building
- Continue underground piping installation between the Grit Building, Solids Building, and BAF Building
- Begin gate installation and selective demolition in the Primary Clarifier Effluent Distribution Box and Effluent Distribution Box
- Continue installation of Gravity Thickener No. 2 mechanism
- Begin temporary equipment relocation and selective demolition in the existing Sludge Processing Building





Anticipated Construction July – January 2020



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
- Total Contract: \$74.667 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	On Schedule
Achieve Compliance with NPDES Permit Limits	April 1, 2020	On Schedule



Events and Recreation

- Upcoming
 - Yoga in the Park
 - Summer in the Streets – Pro Portsmouth
 - Prescott Park Concert Series
 - Prescott Park Community Showcase
 - Music on Vaughan Mall Stage
 - Chamber of Commerce Annual “Street. Life!” Dinner
 - Plein Air Painting Event NH Art Association
 - Strawberry Banke Events





Public Input / Comments / Concerns

Next Meeting

- Public Construction Meeting
 - Next Meeting: August 21, 2019, 11:00 AM

