



PEIRCE ISLAND WWTF UPGRADE PUBLIC TOUR ON JULY 24, 2018



INTRODUCTION

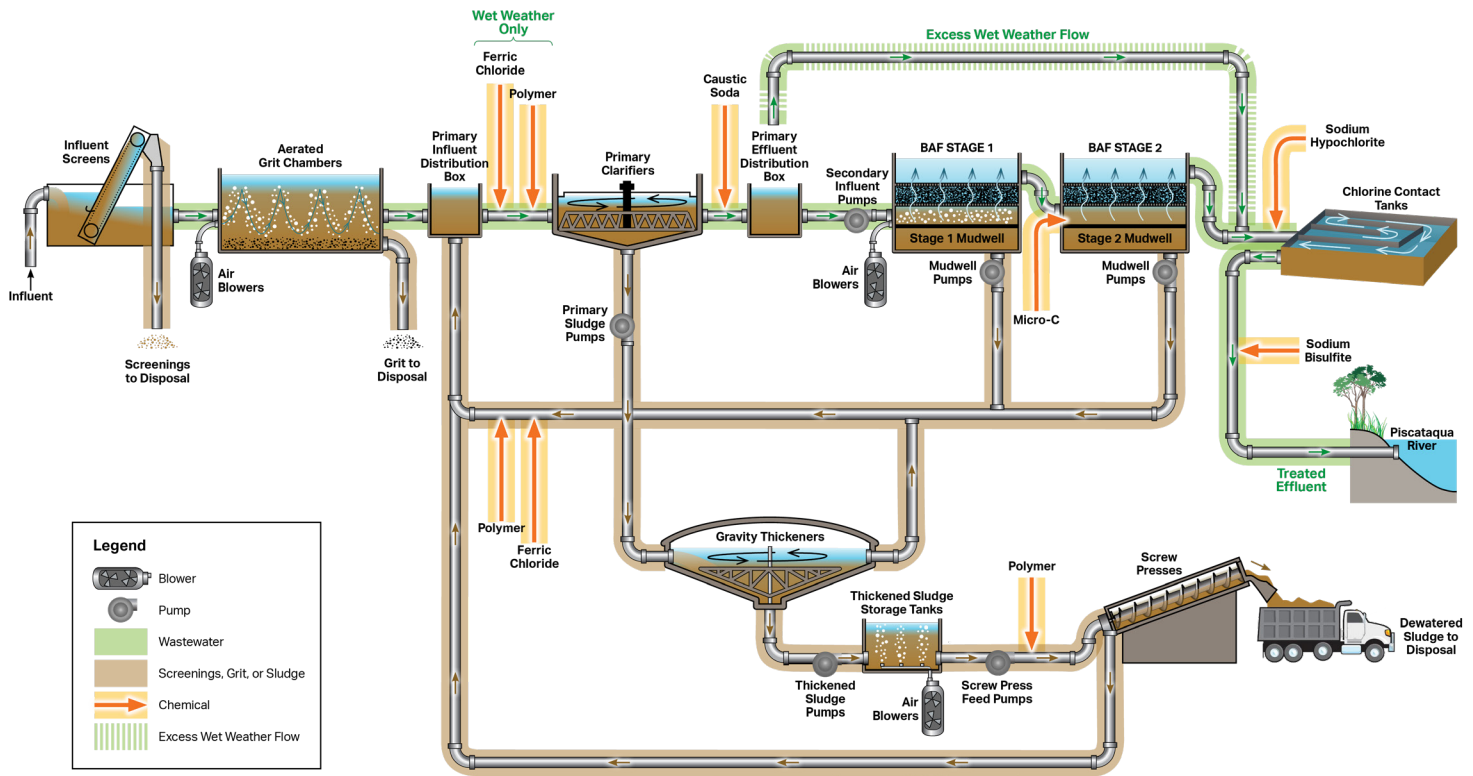
The Peirce Island Wastewater Treatment Facility (WWTF) Upgrade just entered the third calendar year of construction. The new Headworks Building, standby generator, and electrical service are now online. Significant work is underway on the Grit Building, the Biological Aerated Filter (BAF) Building, and the Solids Building. Future work will include construction of the new Operations/Lab Building.

PROJECT FACTS

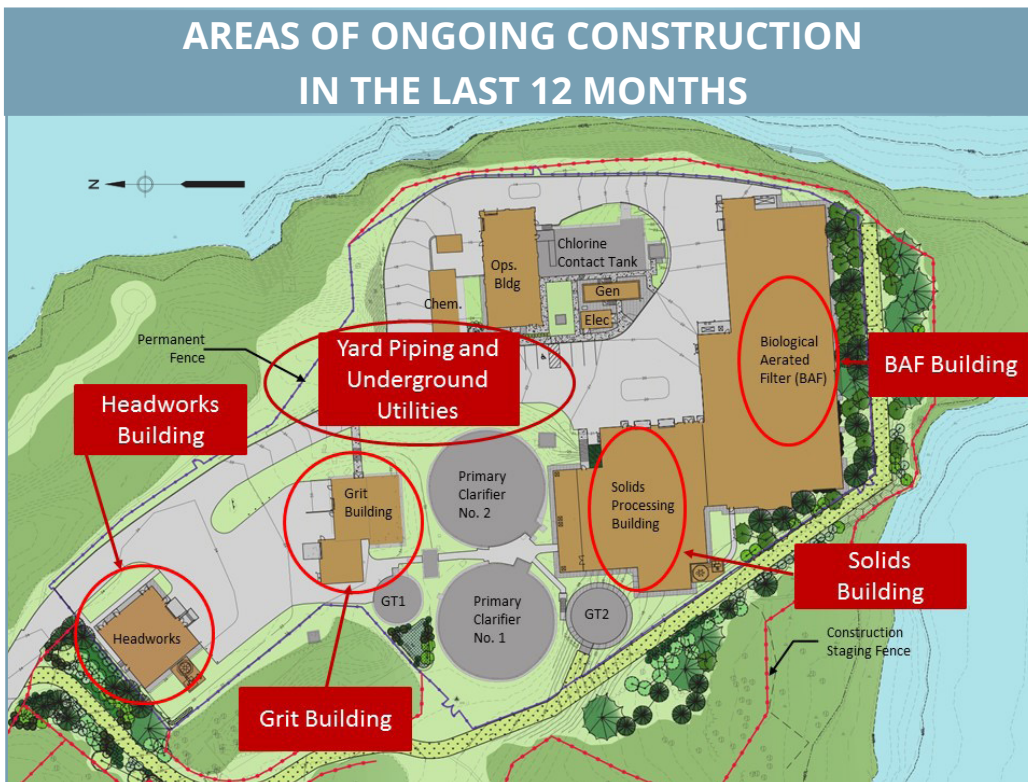
- ✔ Construction commenced in September 2016
- ✔ Construction cost expended as of June 30, 2018: \$45,191,145.64
- ✔ Percent completed: 48% by time & 60% by cost
- ✔ Area of WWTF site: 3.7 acres
- ✔ New buildings or tanks to be constructed: 5
- ✔ Total number of construction trucks to date: 8,500 round trips
- ✔ Maximum number of trucks in 1 day to date: 75 round trips
- ✔ Amount of rock removed for the BAF: 9,800 cubic yards
- ✔ Amount of concrete placed: 11,000 cubic yards
- ✔ Amount of reinforcing steel installed: over 3,000,000 lbs.
- ✔ Number of construction staff on-site daily: 70 - 80
- ✔ Amount of utility pipe installed to date: 3 miles

PROJECT SCHEDULE MILESTONES

MILESTONES	DEADLINE	STATUS
Consent Decree Second Modification 09-cv-283-PB		
Executed Contract to Construct Upgrades	09/01/2016	08/25/2016
Submit Two Additional Milestones for EPA Review and Approval	12/01/2016	11/29/2016
Addn Milestone 1: Transfer existing SCADA system to the new Headworks Building	11/21/2017	10/18/2017
Addn Milestone 2: Start-up & Testing of Secondary Influent Pump Station in new Solids Building	05/09/2019	On Schedule
BAF Substantial Completion	12/01/2019	
Achieve Compliance with NPDES Permit Limits	04/01/2020	
Substantial Completion	05/31/2020	
Final Completion	08/30/2020	



PROCESS FLOW DIAGRAM



CONSTRUCTION COSTS

Original Contract Value	\$72,785,545.00
Change Order 1 - January 2017	367,290.42
Change Order 2 - May 2017	546,722.46
Change Order 3 - August 2017	93,838.31
Change Order 4 - December 2017	162,869.20
Change Order 5 - May 2018	249,828.16
Contract Value Total	\$74,206,093.55