

ST. CLEMENTS SHORES

WWTP EXPANSION AND UPGRADE

Background

MetCom staff has been working closely with the St. Mary's County Health Department (HD), the Department of Land Use and Growth Management (LUGM), and the Maryland Department of the Environment (MDE) on this project. Priority Funding Area Exemption, Planning Commission, Smart Growth Coordination Committee approval, Comprehensive Land Use Plan and CWSP Amendments, review by the Maryland Departments of Planning and Environment, and a Sewer Service Area designation, culminated in an adopted of Resolution No. 2021-01 by the Commissioners of St. Mary's County (CSMC) on 1-5-2021. The required Preliminary Engineering Report (PER) was submitted to MDE on 6-30-2021 with comments received on 8-21-2021, followed up by a review meeting with MDE on 8-31-2021. This project will upgrade both the treatment system in order to provide additional service to the area to the existing 140 developed lots with failing systems plus 100 undeveloped lots initially with future expansion capability to the full 280 -320 EDU's. This phased approach was discussed with the CSMC at the last Joint Meeting.

Project Scope of Work

The work in general is for the upgrade and expansion of the existing St. Clements Shores Wastewater Treatment Plant to enhanced nutrient removal (ENR) for a capacity of 160,000 gallons per day (gpd) average daily flow (adf). Work includes, but is not limited to: an Membrane Bioreactor (MBR) headworks system; post-tensioned concrete bioreactor tank; return activated sludge (RAS) flow splitter; post-tensioned concrete post-anoxic and MBR tank; building to house permeate pumps, valving, electrical equipment, chemical equipment, laboratory, etc.; exterior chemical storage tanks; backpulse tank; spray field control valves; lagoon embankment repair; lagoon dredging; site access road; various site improvements; new generator at the existing control building; demolition of existing plant components necessary for the construction of the plant upgrades; and connection to existing facilities. Close coordination with wastewater plant personnel will be required for the duration of this project, especially for any activities related to any demolition or connections to existing facilities.

This project is fully funded by the Maryland Water Quality and Drinking Water Funding Programs.

Customer Impact

Traffic:

Residents in the area should expect minimal traffic impacts. Please speak with our on-site construction inspector or call the project manager below with any traffic concerns.

Water Service:

Residents in the area should expect no impacts to water service during construction.

Sewer Service:

Residents in the area who are served by public sewer should expect minimal to no interruptions to sewer service during construction. New connections can occur after the work is Operationally Accepted by the Commission.

Schedule

Design: Design contract was awarded to Dewberry Engineers in February 2022. Design is complete and staff is finalizing agency approvals.

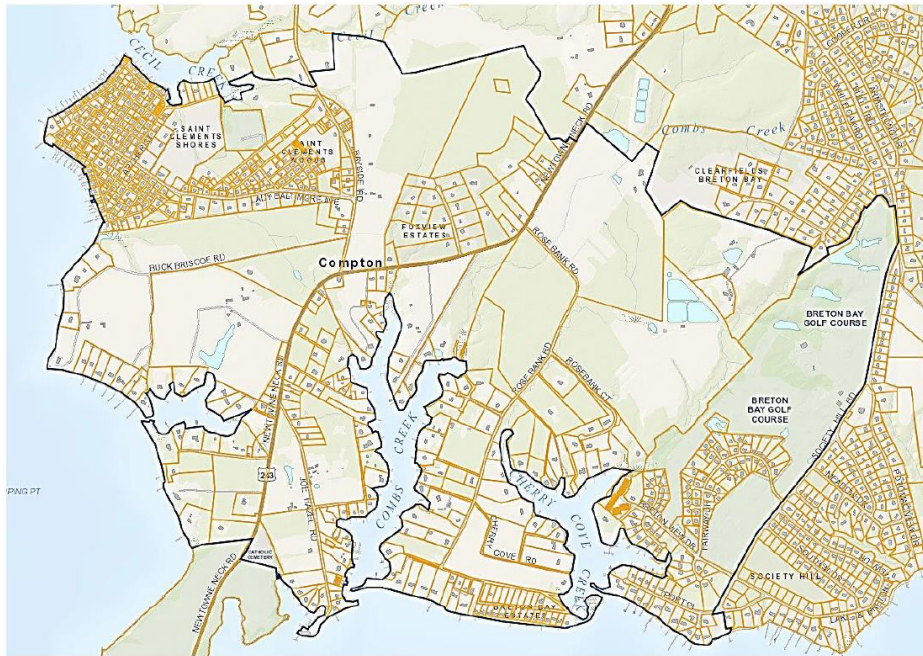
Construction: Construction contract solicitation is expected to be advertised Spring 2025 with construction expected to begin in the Fall after MDE approval. Construction duration is approximately 2 years.

Public Notices

Public Meeting: The Commissioners of St. Mary's County held a Public Hearing on December 8, 2020.

Service Area

Area included in Resolution 2021-01 as Exhibit A:



Project Location



VICINITY MAP
SCALE: 1" = 500'

Project Contacts

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(Please email any questions or concerns to mhollander@metcom.org)

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