



**TOWN OF OAK BLUFFS, MASSACHUSETTS  
CAPITAL IMPROVEMENT PROGRAM  
PROJECT REQUEST FORM**

**FY2023**

DEPARTMENT INFORMATION			
Department	Wastewater	Date	10/1/21
Submitted by	Patrick Hickey	Title	Facilities Manager
Signature	<i>Patrick Hickey</i>		

ASSET OR PROJECT INFORMATION	
Project Title	Wastewater Planning Implementation
Asset Description	
Description and Purpose of Equipment/Project	Appropriation to design additional sewer system expansions intended to accommodate needs identified in the wastewater planning process (Lagoon Pond and other areas of town). USDA grant funding (including a small grant) is possible.
Justification	Implementation of the most cost effective way to upgrade the Town's wastewater treatment facility, in accordance with the Town's CWMP.

ASSET/PROJECT DETAILS					
Useful Life	20+ Years				
Preliminary Plans/Specs	Under Study		Completed		N/A
Final Plans/Specs	Under Study		Completed		N/A
Priority	URGENT		NECESSARY	X	DESIRABLE

Costs/Cost Estimates	
Land	0
Construction	0
Equipment	0
Other	0
<b>TOTAL COST (use word table tools layout formula to sum above)</b>	<b>\$26,000,000</b>

Effects on Annual Operating Budget	
Operational	0
Maintenance	0
Personnel	0
<b>TOTAL COST (use word table tools layout formula to sum above)</b>	

Grants/Source of Funding					
How will expense be funded?	Current Funds		Bond or Note	Grant	X
If Bond or Note do you have TA approval	Yes		No		
If Grant, has Grant be awarded	Yes		No		X
If Grant, is there a Match Requirement	Yes		X	No	
If Grant Match required do you have funds for it	Yes			Not Yet	X

**Additional Comments or Justification (add below or on separate sheet)**

This is a follow-up to the wastewater planning phase and preliminary design phase of this work. This aims to be the most cost efficient way to upgrade the Town's wastewater treatment facility, which is operating near capacity.

The Town completed a wastewater management plan prior to 2000. This plan identified several areas of concern and most, if not all, of these areas have been addressed via sewerage. Now the Town faces nitrogen contamination in several watersheds. The Town has recently been provided with reports from the Massachusetts Estuaries Project that provide a limit on the amount of nitrogen that may enter several of the town watersheds. Failure to address state issued TMDLs could result in administrative action being taken by the state.

With these new areas of concern and the potential need for other sewerage accommodations in the Town, an updated Comprehensive Wastewater Management Plan is underway to consider all areas of concern with regard to nitrogen contamination. This project will help to determine the future treatment limits for the Town's wastewater treatment facility and the future flows to this facility. It will also help determine what conventional (sewerage) and/or alternative technologies may be needed to address the nitrogen contamination