

On August 15, 2022, on a motion by Joanne Crowley, seconded by George Perkins, the committee voted 7-0 to approve these minutes.

YARMOUTH TOWN CLERK
'22AUG16PM2:07 REC

Town of Yarmouth

**MINUTES OF THE WATER RESOURCES ADVISORY COMMITTEE MEETING OF
July 18, 2022**

The Yarmouth Water Resources Advisory Committee held a Business Meeting at 4:00 p.m. on Monday, **July 18, 2022**. The meeting was a hybrid meeting conducted in person in the Town Hall Room A and through Zoom videoconferencing.

Committee Members Present

In Person: Lee Rowley, Curt Sears, John Deliso, Spyro Mitrokostas, Tom Durkin, George Perkins, Joanne Crowley

Via Zoom: Mary Craig (departed at 5:32pm)

Staff: Bill Scott, Assistant Town Administrator; Jeff Colby, DPW Director; Kara Johnston and Dave Young, from CDM Smith; Louis Ragozzino, Wright-Pierce

1. OPM Update

Louis Ragozzino, Wright-Pierce, reported that CDM Smith is working towards submitting an SRF application for the town's wastewater collection system. Mr. Ragozzino also reported that it was decided that the treatment facility would be known as the Yarmouth Water Resource Recovery Facility. Mike Gudice, CDM Smith, provided an update on the collection system design and the town's submittal of additional environmental information related to the Notice of Project Change application with MEPA. Both tasks are on track to be completed on schedule. Jeff Colby, DPW Director, stated that the town is continuing to work with MassDOT to coordinate the collection system construction with upcoming state roadwork.

2. Design Update for WRRF and Collection System

Bill McConnell, CDM Smith, presented an update on the design of the Town's wastewater treatment facility. Mr. McConnell explained that the process design will need to be determined, with two different technologies as options. The options are Sequencing Batch Reactor (SBR) and Membrane Bioreactor (MBR). It was noted that SBRs are present at the Kingston Wastewater Treatment Facility, which members of the committee recently visited. It was noted that SBRs are excellent for TN removal and are very flexible/efficient, while the drawback of them is that you need denitrification filters in order to achieve the necessary nitrogen reduction. Meanwhile MBRs require a smaller footprint but are energy intensive and require ongoing operation and maintenance costs. CDM Smith recommended that Yarmouth utilize SBR technology at their plant for more flexibility and lower operation and maintenance costs. One member asked if the state and federal regulatory agencies prefer one design to the other. Mr. McConnell responded no. Another member asked if the operation and maintenance costs for the two designs will be presented before the committee needs to provide a recommendation between the

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two. Mr. McConnell responded that cost estimates will be presented to the committee. Mr. McConnell also reported that staff has recommended that the proposed treatment facility be named the Yarmouth Water Resource Recovery Facility (WRRF). Committee members supported this name. It was also discussed whether or not the new treatment plant will accept septage. It was recommended that there be space allocated for possible expansion of septage at some point, but to not initially accept septage at both locations. The committee was comfortable with not including septage treatment during the design of the WRRF, but allowing for the possibility in the future.

3. WRAC Neighborhood Meetings

Spyro Mitrokostas introduced his idea to have WRAC members provide wastewater updates to community groups in each of the three Yarmouth watersheds. The committee supported this idea and agreed to discuss the topic further at their next meeting.

4. Friends of Bass River Update

Rick Bishop, Friends of Bass River Executive Director, shared photographs taken on July 7th showing significant algae blooms on Bass River. Mr. Bishop reported that this algae bloom is taking place much earlier in the summer than is typical. He urged the committee to prioritize nitrogen reduction in wastewater planning going forward.

5. Committee Re-Organization

Vote: On a motion by Spyro Mitrokostas, seconded by Tom Durkin, the committee voted to re-appoint Curt Sears as chairman of the committee, by a vote of 7-0.

The next WRAC meeting is tentatively scheduled for August 15th. The meeting adjourned at 6:00pm