

### **WRAC Meeting 3/27/2023 4:00pm**

The Yarmouth Water Resources Advisory Committee held a Business Meeting at 4:00 pm on **Monday March 27<sup>h</sup>, 2023**. The meeting was a hybrid meeting conducted in person in the Town Hall Hearing Room and through Zoom videoconferencing.

**Committee Members Present:** Mary Craig, Lee Rowley, John Deliso, George Perkins, Ken Smith, Spyro Mitrokostas

**Others:** Bob Whritenour, Town Administrator; Jeff Colby, DPW Director; Michael Guidice and Matt Pitta, Dave Young from CDM Smith, Louis Ragozzino from Wright-Pierce; Paul Cioffi, IT Director, Rick Bishop, Jay Gardiner, Acting Health Director, John Frost

**Called to order:** 4:06pm

**OPM Update:** Wright-Pierce provided a progress report by Louis Ragozzino. Wright Pierce's two page hand out is attached to these minutes. MassDEP is still reviewing the ground water discharge permit application and a conference call was held on 3/15/23. CC Commission 208 Consistency Review of 1/19/2023 has been completed. OPM completed preliminary review of Contract 2 and 3. Updated Design Contract Schedule. Advertisement for Phase 1 Contract 2 was 3/22/2023. Workshops with OPM/Town Staff/CDM.

**Design Update and WRRF and Collection System:** CDM Smith has provided slides for their discussion which are attached to these minutes. Contract 2 advertised by 3/22 and Contract 3 advertised by 3/29. Mass DOT permit submitted 2/22/2023. SRF -final IUP to be issued around April 2023 and SRF application to be submitted after Town Meeting

**Regulatory/Permitting Update:** in process as needed see slide from CDM (page 4).

**Property Owner Costs: Bob Whritenour with a presentation which is attached.** The town is working on the cost per betterment and currently has an estimate of \$15,000 for up to a three bedroom single family home. Residents will have the ability to pay for the betterment over 30-years at potential 2% Interest rate. They are working on completing the estimate per property as well. The connection estimate for a single family home is currently at \$8,000-\$10,000. This is not part of the betterment but subject to funding through the Aquifund. Customers will pay a capital surcharge of 25% of the O & M costs on their wastewater bill. There will NO general property cost fee. Working with UMass to get a betterment calculator online that they can put information in to get their rates and cost. Looking to present on 3/28/23 to Board of Selectman. He has asked for a support from the Committee to the Board of Selectman and if anyone could attend for his presentation to the BOS. Spyro stated he would in person and Lee per zoom. The committee took a vote with George making the motion and Mary C. 2<sup>nd</sup> to show full support of the project to the BOS.

**Communication Plan:** provided samples which received after the meeting see attached

**Friends of Bass River Update:** Rick Bishop – Upper Bass River Headwaters project – The Wetlands have gone through 1<sup>st</sup> phase with MEPA permitting, and received a waiver for the EIR which saves time and about \$45,000 on the project. Approaching 100% completing of design document for the 57.2 acres of wetlands and starting design for the weir road culvert replacement.

**Review of Past Meeting Minutes:** 3/13/2023 minutes – approved and now posted.

**Future Meeting Dates/Agenda Items:** April 10<sup>th</sup>, 2023

**Committee Reorganization:** To be discussed after Town meeting.

**Meeting Adjourned:** 5:47pm – Ken made the motion and John seconded and all in favor – yes.

**Attachments:**

Wright Pierce- Progress Report dated 3/27/2023

CDM Smith Wastewater update slides dated 3/27/2023

Town Administrator Presentation – Chart Attached, File attached electronically and available as needed

3/13/2023 Minutes Approved at 3/27/2023 – Lee Motioned – Ken 2nd – 4 in favor 1 abstained - approved

DRAFT

Date & Time: **3/27/2023 4:00 PM**

Location: **Yarmouth Department of Public Works**

Project: **Yarmouth Wastewater Collection System and Water Resource Recovery Facility**

Objective: **Water Resource Recovery Facility Design – WRAC Meeting**

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## Meeting Topic

### 1. Deliverables Schedule / Critical Milestones (3 month Look ahead)

- a. Water Resource Recovery Facility
  - i. Groundwater Discharge Permit – Status, Mass DEP Meeting Results
    1. DEP is still reviewing application – Conference call held on Mar. 15, 2023.
    2. Cape Cod Commission 208 Consistency Review - Jan 19, 2023 Review Completed
  - ii. December 14, 2022 30% Design Workshop
  - iii. December 15, 2022 Cost Savings Action Items review
  - iv. 30% Comments provided to CDM on Jan. 10, 2023 and review meeting held Jan. 26, 2023
  - v. 60% Design Submittal received on March 22, 2023.
- b. Collection System East of Parker's River (Rt. 28, South Shore Drive, and)
  - i. September 23, 2022 Technical Memorandum/30% Design Review Completion
    1. OPM completed review of preliminary collection system plans for Contract 2 and 3.
  - ii. November 30, 2022 60% Design Submittal for Contracts 2 and 3
  - iii. 60% Design Review Workshop – TBD
  - iv. December 13, 2022 – MADOT TIP meeting
  - v. January 6, 2023 Pump Station alternatives memo submitted
  - vi. 90% Design Submitted. Review completed.
  - vii. Contract 2 was advertised for bidding on March 22, 2023.
  - viii. Contract 3 will be advertised for bidding on March 29, 2023.

### 2. Cash Flow Estimate/Funding

- Potential Cost Savings items discussed for the WRRF 30% design between \$4.5M and \$6.4M
- Collection System 60% design potential cost savings equals approximately \$5M
- 2023 Clean Water SRF Draft Intended Use Plan issued on December 16, 2022. Yarmouth has highest ranking.
- Cash flow estimate per contract per month provided to Town on March 14, 2023.

### 3. Action Item Review

- a. Comments on 60% WRRF Design Plans and Specifications

4. Accomplishments since last Meeting

- March 15, 2023 Groundwater Permit discussion with CDM Smith
- March 22, 2023 Bid Advertisement of Contract 2 Collection System and Pump Stations
- March 22, 2023 Receipt of 60% WRRF Plans and Specifications

5. Design Contract Schedule

| <u>Contract</u> | <u>Name</u>  | <u>Submittal date</u> |
|-----------------|--|-----------------------|
| 1               | Contract 1 - WRRF  |                       |
|                 | <b>WRRF 60% Design</b>   | <b>3/22/2023</b>      |
|                 | WRRF 90% Design  | 8/4/2023              |
|                 | WRRF 100% Design   | 10/30/2023            |
|                 | Permit Completion  | 10/2/2023             |
|                 | Bid Advertisement  | 11/3/2023             |
| 2               | Contract 2 - Collection East of Parker's River<br>(Route 28/Long Pond to N. Main Street)                     |                       |
|                 | 90% Design Submittal   | 2/17/2023             |
|                 | <b>Bid Advertisement</b>   | <b>3/22/2023</b>      |
|                 | <b>Receipt of Bids</b>   | <b>4/6/2023</b>       |
| 3               | Contract 3 - Collection East of Parker's River<br>(Bridge to Route 28/Long Pond including South Shore Drive) |                       |
|                 | 90% Design Submittal   | 2/17/2023             |
|                 | Bid Advertisement  | 3/29/2023             |

6. Construction Contract Schedule

| <u>Contract</u> | <u>Name</u>  | <u>Construction Start date</u> |
|-----------------|--|--------------------------------|
| 1               | Contract 1 - WRRF  | 6/28/2024                      |
| 2               | Contract 2 - Collection East of Parker's River<br>(Route 28/Long Pond to N. Main Street)                     | 7/1/2023*                      |
| 3               | Contract 3 - Collection East of Parker's River<br>(Bridge to Route 28/Long Pond including South Shore Drive) | 7/1/2023*                      |
| 4               | MassDOT Rt. 28/N. Main Street Intersection   | 3/1/2024**                     |
| 5               | MassDOT Rt. 28 West of Parker's River  | 6/30/2024**                    |
| 6               | West of Parker's River (non MassDOT and PS)  | 6/30/2024                      |

(\* construction start dates will be dependent upon receipt of SRF funding)

(\*\* sewer construction will likely be let as a separate contract from MassDOT)

# Yarmouth Wastewater

Water Resources Advisory Committee

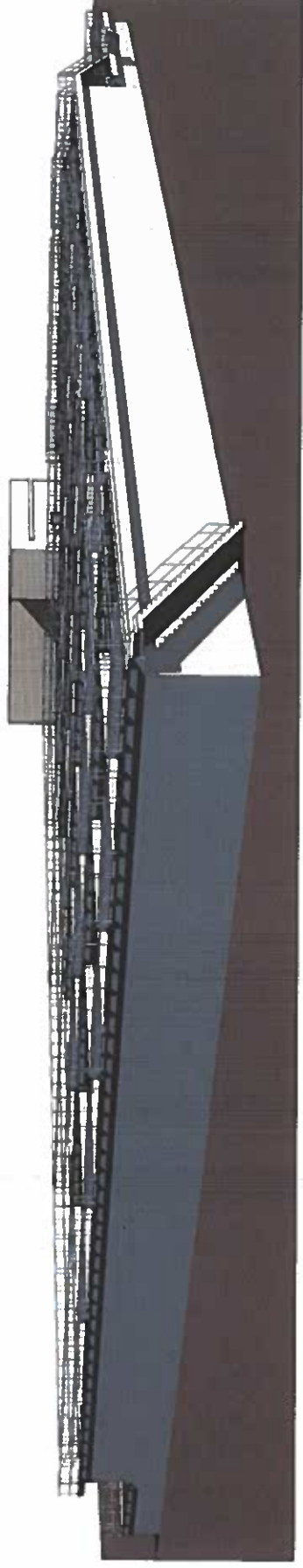
March 27, 2023



**CDM  
Smith**

# WRRF Design Update

- 60% submittal has been made
- Scheduling review workshop (early April)
- Next milestone submittal: 90 percent 8/4/2023



PERSPECTIVE VIEW

# Collection System Design Update

- Plans & Specs Bid Set
  - Contract 2 Submitted/Advertised 3/22/2023
  - Contract 3 3/29/2023
- Bid Openings
  - Contract 2 4/6/2023
  - Contract 3 4/13/2023

# Regulatory/Permitting Update

- SRF Draft Intended Use Plan (#1 ranked project)
  - Final IUP to be issued around April 2023
  - SRF Application to be submitted after Town Meeting
- MassDEP Groundwater Discharge Permit
  - Still under review
  - Meeting with MassDEP
- Land Use Controls submitted to MassDEP for review
  - MassDEP has changed process and wants Town to approve first and then resubmit