

Date & Time: **9/12/2022 4:00 PM**

Location: **Yarmouth Department of Public Works**

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

Objective: **Water Resource Advisory Committee – Project Progress Report**

Previous Month's Accomplishments

- July 23 - W-1 Flow and Load Criteria Technical Memoranda
 - W-2 Effluent Water Quality Criteria Technical Memoranda
- July 28 - Hydrogeologic Evaluation report submittal to Mass DEP
 - Site Visit to Cohasset MBR Wastewater Treatment Plant
- August 2 - Board of Selectmen SRF Application Presentation
- August 3 - Architectural Concepts Meeting
- August 9 - W-4 Biological Process Alternatives Evaluation and Recommendation Technical Memorandum
 - Phase 1 Collection System Schedule
- August 10 - Draft Supplemental Environmental Impact Report
- August 12 - 2023 Clean Water Construction Project Evaluation Form
 - 2023 Drinking Water Construction Project Evaluation Form
- August 15 - Supplemental Environmental Impact Report to MEPA

Recent Accomplishments

September 1 – W-3 Septage and Grease Receiving Considerations
September 9 - The following new design criteria memos were submitted for review.

- G-1 Area Classification
- G-2 Nomenclature
- A-1 Architectural Basis of Design
- S-1 Structural Design Concepts
- GEO-1 Geotechnical Review
- W-1 Flow and Load Criteria Technical Memoranda
- W-2 Effluent Water Quality Criteria Technical Memoranda
- W-3 Septage and Grease Receiving Considerations
- W-4A Denitrification Filters Design Concepts
- W-5 Preliminary Treatment Design Concepts
- W-6 Disinfection Design Concepts
- W-7 Solids Processing Design Concepts
- W-8 Odor Control Design Concepts
- H-1 HVAC Design Concepts
- P-1 Plumbing and Fire Protection Design Concepts
- I-1 Instrumentation and Control Design Concepts
- E-1 Electrical Design Concepts

Microsoft Teams Town Project Site

- The Town has established a Team site where files can be uploaded for access by the project team including Yarmouth Staff. The items requested include: Running list of deliverables and status (see attached), plans and any permits and applications submitted, current cost estimates, narrative project executive summaries, project descriptions, notice of project change.
- **Spending Plan** – Bill Scott requested a spending plan broken down by Engineering and Construction phases (attached). The Town is concerned that the revenue generated from Phase I does not cover the cost of the Phase I contracts and has requested that the design team look at cost reduction measures.

Upcoming Milestones

September 9 - Collection System Technical Memorandum/30% Design Submittal

September 19 – WRAC Neighborhood Meetings (see attached)

September 22 – WRRF Technical Memoranda Review Workshop

September 23 – Collection System Technical Memoranda Review Workshop

Date: 9/9/2022

To: William J Scott, Assistant Town Administrator

From: Louis Ragozzino

Subject: Yarmouth WRRF and Phase 1 Sewer Collection System Deliverable Schedule

Cc: Jeff Colby; CDMSmith

Schedule of Deliverables/milestone dates based on CDM Smith project schedule.

1) Contract 1 - Water Resource Recovery Facility

- a) Preliminary Design
 - i) September 9, 2022 Technical Memorandum Submittal
 - ii) November 29, 2022 30% Design Submission
- b) Final Design
 - i) March 21, 2023 60% Design Submission with refined Cost Estimate
 - ii) August 4, 2023 90% Design Submission
 - iii) August 22, 2023 SRF Application with 90% design and updated cost estimate
 - iv) November 2, 2023 MADEP Permission to Advertise
- c) Bidding
 - i) November 3, 2023 Bid Advertisement
 - ii) January 26, 2024 Bid Evaluation
 - iii) January 29, 2024 Notice of Contract award
- d) Key Milestone Dates
 - i) June 30, 2023 Town Authorizes Funding for Project
 - ii) June 28, 2024 Town Executes Construction Contract
 - iii) July 2023 – 2025 Construction

2) Contract 2 - East of Parkers River (Old Main St to Rte. 28/N. Main St Intersection)

- a) Preliminary Design
 - i) September 9, 2022 Technical Memorandum/30% Design Submittal
- b) Final Design
 - i) November 23, 2022 60% Design Submittal
 - ii) February 17, 2023 90% Design Submittal
 - iii) March 29, 2023 100% Design Submittal
- c) Bidding
 - i) April 13, 2023 Bid Advertisement
 - ii) July 1, 2023 Notice of Contract award
 - iii) August 2023 – 2025 Construction

3) Contract 3 - East of Parkers River (Parkers River to Old Main St., including South Shore Dr.)

- a) Preliminary Design
 - i) September 9, 2022 Technical Memorandum/30% Design Submittal
- b) Final Design
 - i) November 23, 2022 60% Design Submittal
 - ii) February 17, 2023 90% Design Submittal
 - iii) March 29, 2023 100% Design Submittal
- c) Bidding
 - i) April 13, 2023 Bid Advertisement
 - ii) July 1, 2023 Notice of Contract award
 - iii) August 2023 – 2025 Construction

4) Contract 4 – Route 28 to North Main Intersection (MassDOT)

- a) Final Design
 - i) July 1, 2022 75% Design Submittal
 - ii) TBD 100% Design Submittal
- b) Bidding
 - i) October 15, 2023 Bid Advertisement
 - ii) April 2024 – 2026 Construction

5) Contract 5 – Route 28 West (MassDOT)

- a) Final Design
 - i) TBD Not Yet Under Contract
- b) Bidding
 - i) April 15, 2024 Bid Advertisement
 - ii) 2024 – 2026 Construction

6) Contract 6– Route 28 West (MassDOT)

- a) Preliminary Design
 - i) TBD Not Yet Under Contract
- b) Bidding
 - i) April 15, 2024 Bid Advertisement
 - ii) 2024 – 2026 Construction

PHASE I WASTEWATER RESOURCE RECOVERY FACILITY AND COLLECTION SYSTEM

	Contract	Estimate	Start Date	Completion Date
Engineering				
1	WRRF	\$ 3,750,000	4/6/2022	2/1/2024
2	Collection East of Parkers River -(Route 28/Long Pond to N. Main Street)	\$ 2,110,000	4/12/2022	7/1/2023
3	Collection East of Parkers River (Bridge to Route 28/Long Pond incl. S. Shore Drive)	Incl. w/Cont. 2	4/12/2022	7/1/2023
4	MassDOT Route 28/N. Main Street Intersection	\$ 225,000	12/16/2020	7/15/2023
5	MassDOT Route 28 West of Parkers River	\$ 760,000	6/16/2021	4/15/2024
6	West of Parkers River (non MassDOT and PS)	Incl. w/Cont. 5	6/16/2021	4/15/2024
Construction				
1	WRRF	\$ 126,363,000	2/1/2024	1/31/2026
2	Collection East of Parkers River -(Route 28/Long Pond to N. Main Street)	\$ 24,502,000	7/1/2023	6/30/2025
3	Collection East of Parkers River (Bridge to Route 28/Long Pond incl. S. Shore Drive)	\$ 15,463,000	7/1/2023	6/30/2025
4	MassDOT Route 28/N. Main Street Intersection	\$ 2,292,000	3/1/2024	3/1/2026
5	MassDOT Route 28 West of Parkers River	\$ 13,550,000	6/30/2024	6/30/2026
6	West of Parkers River (non MassDOT and PS)	\$ 25,074,000	6/30/2024	6/30/2026
Totals				
	Engineering	\$ 6,845,000		
	Construction	\$ 207,244,000		
	Totals	\$ 214,089,000		

Notes:

1. CDM Smith is currently only under contract for Preliminary Design of the Phase 1 East of Parkers River area (Contracts 2 and 3). Amount shown (\$2,110,000) includes Preliminary (\$320,000) and Final Design (\$1,790,000).
2. CDM Smith is currently only under contract for Preliminary Design of the Route 28 West project (Contracts 5 and 6). Amount shown (\$760,000) includes Preliminary (\$225,000) and estimate of Final Design update (\$535,000).
3. Not included above is separate contract for topographical survey of the Phase 1 East of Parkers River area (\$311,000).