

MONTAGUE CAPITAL IMPROVEMENTS COMMITTEE

MEETING AGENDA

Meeting Accessible via Zoom Only

<https://us02web.zoom.us/j/7415198772> or Phone: (646) 558-8656

Meeting ID: 741 519 8772 PassCode: 1754

Wednesday, December 6, 2023 from 3:15 to 4:30 pm

Votes May Be Taken

1. Call to Order and approve any outstanding meeting minutes
2. Review of Clean Water Facility (CWF) Capital Article Requests (CWF Superintendent Chelsey Little, invited)
 1. Montague Center Pump Station Upgrades (\$283,800)
3. Discuss CWF capital needs and ongoing capital projects including but not limited to:
 - Operations Building HVAC needs
 - CWF Facility Generator
 - Septage Receiving Station
 - Pump Station Generators
 - Industrial Boulevard Pump Station Rehab
 - Composting Facility Study
4. Topics not anticipated in the 48 hour posting requirements
5. Adjournment



Annual Town Meeting

SPECIAL ARTICLE REQUEST – CAPITAL EXPENSE

Budget Year
FY 25

This form is intended for use with capital article submissions \geq \$25,000 with a lifespan of 5+ years. For major building projects, please consult the Town Administrator.

Please complete this form in its entirety! Initial Submission due November 1

☐ Check Here if this an expedited request for Winter 2023 Special Town Meeting

Department: CWF Submitted by: Chelsey Little

Item/Project Cost: \$283,800 Date Prepared: 11/01/2023

Item/Project Title: Montague Center Pump Station Upgrades

Proposed Article Wording:

To see if the Town will vote to raise and appropriate, transfer from available funds, borrow, or otherwise provide the sum of **\$283,800**, or any other amount, for the purpose of upgrading the Montague Center Pump Station including any and all incidental and related costs, or pass any vote or votes in relation thereto.

Detailed Description for Background Materials: *(Provide a full description of the item or service. Use attachments as needed.)*

Pumps x2 (Centrifugal)	\$60,000
Wet Well Rehab (concrete, coatings/sealer, paint)	\$30,000
Dry Well Rehab (concrete, coatings/sealer, paint)	\$10,000
Generator w/switch gear	\$28,000
Electrical Contractor	\$10,000
Controls, including level controls (bring up to grade out of confined space)	\$20,000
Bypass pumping connection (currently does not have one)	\$10,000
Bypass pumping	\$5,000
Building concrete/repointing/stabilization	\$20,000
Air relief valve and appurtenances	\$50,000
Fencing/gate for security (currently non-existent)	\$10,000
Dehumidification system	\$5,000
Total:	\$258,000
Contingency of 10%	\$25,800
Grand Total:	\$283,800

Station Description:

The Montague Center Station is the Town's largest capacity station and is a multi-level structure with a very deep foundation, flat roof, and red brick masonry façade on the above ground level. This station was constructed adjacent to a waterway (the Sawmill River.) The structure is split into two major areas; wet well and dry well sides. The sides are divided by a concrete wall that extends from the base slab to the roof of the structure. The dry well is further divided into four levels.

Scoping Questions

Please elaborate in the comments box at bottom of the page

Do you have a written estimate or proposal for the scope of work?

If yes, attach the estimate

Is there a lease option for this expense?

Will this item or project replace a capital asset?

Will this create ongoing costs or savings?

Will this leverage grant or other external funding?

Is this request identified on the Capital Improvement Plan?

Yes**No**☐☒☐☒☒☐☐☒☐☒☒☐**Describe how the project/ purchase will be managed**

The Superintendent, along with Town Hall staff, will manage procurement and execution of the project.

Why is it essential that the Town makes this investment now?

The Montague Center Pump Station and its components are original from its installment in 1982 and need to be upgraded.

A summary of the detailed 2012 CDM Smith Engineering Report noted the following:

- No fence, puts station at risk for forced entry/vandalism to external generator and controls components
- Minor interior mortar deterioration, moisture damage to interior walls, need repairs on all levels, painting
- Exterior door replacement, brick and mortar needs re-pointing, painting
- Confined space entry is of significant concern relating to operator safety
- Due to age, risk of equipment failure is significant and increasing
- Capacity shortfall observed, larger pumps needed

The corresponding air relief valve and appurtenances located in the force main (that stems from the station) are in dire need of repair, as they have experienced corrosion due to prolonged exposure to sewer gases such as hydrogen sulfide. (See photo) Due to the importance of the relief valve on the overall operation of the station, it is recommended to perform the replacement of the valve assembly at the same time as the bypass occurs during the upgrade of the station.

Relative Priority : Your assessment of the how important this is to the Town at the present time.

Critical Importance



Highly Important

O

Moderately Important

O

Comments and additional information:

Photos

Station Exterior (2015)



Dry Well (2010, 2015)





Generator (2023)



Air Relief Valve and Appurtenances (2022)

