REGIONAL PRIORITY PROJECT PRIORITIZATION PROCESS

PROJECT INFORMATION FORM

IF ADDITIONAL SPACE IS REQUIRED FOR ANY RESPONSE OR YOU WANT TO SUBMIT ADDITION DOCUMENTS , CLEARLY IDENTIFY THE DOCUMENTS WITH THE PROJECT NAME AND EMAIL THEM TO FKENNEY@ADDISONCOUNTYEDC.ORG.

DOWNLOAD AND SAVE THIS DOCUMENT TO YOUR COMPUTER, COMPLETE THE FORM, THEN CLICK THE SUBMIT BUTTON.

PROJECT NAME:

Chipman Hill Water Storage Tank

TYPE OF PROJECT:

- [x] Infrastructure:
  - [x] Water
  - [ ] Wastewater
  - [ ] Broadband
  - [ ] Transportation
  - [ ] Public Facility
  - [ ] Other
- [ ] General Development:
  - [ ] Industrial
  - [ ] Commercial
  - [ ] Residential
  - [ ] Mixed
- [ ] Site/Facility Development for Specific Business
- [ ] Workforce Development
- [ ] Business Development
- [ ] Other:

PROJECT SPONSOR:

Organization Name	Town of Middlebury, Middlebury, Vermont 05753
Organization Mailing Address	77 Main Street
Organization Email	kramsay@townofmiddlebury.org
Organization Phone	(802) 458-8001

Contact info for the person submitting project information:

Name	Emmalee Cherington
Title	DPW- Director of Planning
Mailing Address	77 Main Street, Middlebury, VT 05753
Email	echerington@townofmiddlebury.org
Phone	(802) 388-4045

PROJECT PRINCIPAL(S) (if different than above):

Person 1:

Name	
Title	
Organization	
Mailing Address	
Email	
Phone	

Person 2:

Name	
Title	
Organization	
Mailing Address	
Email	
Phone	

PROJECT DESCRIPTION (5000 Characters):

The Middlebury Water Department Water System (WSID 5004) is supplied by three wells located about 3 miles east of the Town center. Water storage is currently provided by a two-cell 1.5-million-gallon (mg) storage tank on Chipman Hill, constructed in 1978. The system serves a year-round population of approximately 6000 with an additional 2500 college students during the school year. The Town maintains 2300 water service connections- both residential and commercial. Water customers are a mixture of residential, commercial, and industrial types. The system's largest user is Agri-mark- the Northeast's premier dairy farmer cooperative. Middlebury College is also a large user, with 156 accounts utilizing approximately

A hydraulic study that was performed in 2018, determined that the storage available for the Town water supply was inadequate to support the growing population and fire flow capabilities. The report provided recommendations to increase storage to better serve the community.

The proposed concrete water storage tank would be located adjacent to the existing storage on Chipman Hill. It would consist of a 1.3 mg pre-cast, pre-stressed concrete water tank. The proposed storage tank would allow for increased fire flow capabilities in addition to future average daily demands, better serving the population.

PROJECT LOCATION (3000 characters):

Provide the physical location of the project and/or the area to be served by the project

The proposed water storage tank would be located on Chipman Hill, adjacent to the existing water tank. The population of Middlebury would be served both through water service connectivity in addition to increased fire flow capabilities.

PROJECT PURPOSE AND BENEFITS (3000 Characters):

Describe the purpose and benefits to the region of the project. Describe if/how the project builds capacity within the region for improved regional development/economic development/ community development, including: advancing workforce development; expanding entrepreneurship efforts; supporting or enhancing existing business clusters, or other economic impacts within the region.

A hydraulic study that was performed in 2018, determined that the storage available for the Town water supply was inadequate to support the growing population and fire flow capabilities. The report provided recommendations to increase storage as proposed by this design project. The proposed concrete storage tank would allow for increased fire flow capabilities in addition to future average day demands, better serving the population. Therefore, the project would allow for economic development and community development, allowing for growth in the work force and housing.

PROJECT TIMELINE, MILESTONES, AND STATUS (3000 Characters):

Describe the project timeline, the current status of the project, and impediments to proceeding. Include factors such as site control, engineering and design, financing/funding identification and commitment, and permitting. Clearly identify where the project is in the timeline and what work remains.

The Town will be submitting this project to the state Drinking Water State Revolving Fund (DWSRF) priority list for design and construction in December 2022. Using the At-The Ready process to qualify an engineer, the Town has contacted Dufresne & Associates, P.C. (Dufresne Group) for design of the proposed water tank. Currently the DWSRF program is reviewing the engineering agreement contract. Once approved, the agreement increases the project score on the DWSRF priority list, allowing the project to receive funding and advance to construction more quickly.

PROJECT PRINCIPAL EXPERIENCE/PARTNERSHIPS (3000 Characters):

Describe project principal(s) experience, ability to complete the project, and describe any projects partnership(s) and how the partnership(s) will help ensure success.

The storage tank project will be managed by the Department of Public Works (DPW) Director of Planning. The Director is responsible for managing all Capital Improvement Projects (CIP) for the town including water, wastewater, stormwater, and highway improvements. The work is generally funded through a variety of revenue sources in addition to the annual CIP budget. For example, funding sources have included: Clean Water and Drinking Water State Revolving Loan funds (CWSRF/DWSRF), Vermont Agency of Transportation Environmental Mitigation Grants, Clean Water Block grants, Transportation Alternatives grants, Northern Borders Regional Commission grants. The Director works closely with the Project Engineer to oversee the proposed construction.

PROJECT SUPPORT AND REGIONAL NEED (4000 Characters):

Describe how the project is consistent with identified local and regional goals, advances regional needs identified in plans, reports or public forums, and describe the community support and engagement. Include reference and link to the municipal and/or regional plan, report, or forum identified. Also describe how the project leverages regional human, social, financial, cultural, and/or physical capital, and supports, compliments, or enhances existing efforts.

The storage available for the Town water supply is inadequate to support the growing population and fire flow capabilities. The Town Hydraulic report provided recommendations to increase storage as proposed in this project. There are no alternative water sources for the stakeholders involved.

The 2017 Middlebury Town plan identified that during the 1980's, 447 dwelling units were added (houses, apartment units, condominiums, modular homes etc.). During the 1990's the growth was 124 units and in the 2000-2010 decade, 263 units. The most recent population increases included additional college students and the development of two large residential developments, South Village and South Ridge. Even with this recent growth, there is still considerable demand for increased housing needs within the Town limits, increasing the demand on the Town water supply. The proposed concrete storage tank would allow for increased fire flow capabilities in addition to supplying future average daily demands, better serving the population.

PROJECT COST, IDENTIFIED AND COMMITED FUNDS/FINANCING, AND FUNDING GAP:

Provide the total project cost and complete the simple sources and uses chart.

Total Project Cost: $ 2,412,000

Sources:

Source	Amount
DWSRF	$ 0
Total Sources:	$ 0

Uses:

Use	Amount
Engineering	$ 62,000
Construction	$ 2,350,000
Total Uses:	$ 2,412,000

Funding Gap: **$ 2,412,000**

Note: Uses must exceed sources or there is no funding gap

Budget Narrative (3000 Characters):

Describe the amount of funds/financing that have been identified and include a clear status of the funds (Received, committed, applied for, identified, etc.) including the dates of receipt, commitment, application, expected distribution, etc. Clearly identify any funding gap.

The estimated design cost of the project is $62,000 and the construction cost $2,350,000. The project is currently pursuing funding through the state DWSRF. The Town submitted for the priority list last year but did not score high enough. The approved Engineering agreement, will help the project to score higher, potentially securing the funding.

JOB CREATION (4000 Characters):

Provide the number of full-time jobs to be created and/or retained by the project, a description of the benefits package to be offered to the majority of the new/retained jobs, and the average wage of the jobs to be created/retained.

The Water department consists of three year-round, full-time employees, supported by the Director of Operations, the Department of Public Works Office Administrator, and nine individuals from the Highway Department. The Town provides full benefits and a pension to all full-time staff members. The water storage will support the projected growth in the Town of Middlebury both on a commercial and residential level, in addition to providing increased fire service protection for potential commercial growth.

CLEAR FORM

PRINT FORM

SUBMIT PROJECT