

DEVELOPMENT OF ASSET MANAGEMENT PLAN AND REPLACEMENT OF BOW LANE PUMP STATION

STATE PROGRAM: New Hampshire Department of Environmental Services

ASSISTANCE RECIPIENT: Town of Pembroke

ASSISTANCE AMOUNT: \$800,000



PROJECT DESCRIPTION

The New Hampshire CWSRF encourages borrowers to develop an asset management plan by offering loan forgiveness for this activity. The program can provide 100 percent loan forgiveness for up to \$30,000 per approved phase of work. To date, the New Hampshire CWSRF has committed approximately \$2,600,000 to asset management projects and anticipates providing an additional \$2,000,000 in the near future. Of the 92 communities with sewer systems in New Hampshire, more than half of them incorporate asset management work. The New Hampshire CWSRF offers an asset management workshop each year that brings communities together with service providers and other experts. New Hampshire communities are engaged in the development of asset management plans and often participate in project kick-off meetings, level-of-service meetings, and wrap-up meetings.

The Town of Pembroke received an \$800,000 loan from the New Hampshire CWSRF for the replacement of the Bow Lane Pump Station and the development of an asset management plan for the entire wastewater collection system. By replacing the original pump station and installing a new generator to provide back-up power, the risk of overflow and discharge of untreated wastewater to the surrounding area will be reduced, and the safety and the environmental risk for the operators of the community will be eliminated. The Town received \$30,000 in principal forgiveness to develop an asset management plan for their entire collection system. Through the development process, the life cycle costs of critical assets were evaluated and a funding strategy for asset maintenance and replacement was developed. The plan is helping staff proactively manage their wastewater

The logo features a stylized white dollar sign (\$) with a fish swimming inside the top curve and another fish swimming inside the bottom curve, with arrows indicating a clockwise cycle.

Clean Water State Revolving Fund

asset inventory. It includes a mechanism to review and update the defined level-of-service at a regular interval, which helps provide transparency between the Town of Pembroke staff, sewer commissioners, and sewer users. The final steps of the asset management plan are to develop and implement a communication plan, which seeks to improve communication among the stakeholders and define the responsibilities for continued use of the asset management plan.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2021-02/documents/asset_management_plans_and_the_clean_water_state_revolving_fund.pdf.