



WANNACOMET WATER COMPANY

Telephone (508) 228-0022
Fax (508) 325-5344

MEMORANDUM

To: Martin Anguelov, Budget Analyst

From: Bob Gardner, General Manager

RE: FY 2016 and FY 2017-2025 Capital Requests

Date: August 24, 2014

I have completed the FY 2016 Capital project request forms as well as the spreadsheet for FY 2017 – 2025. I would like to bring the following to your attention. I also want to point out that with the exception of the tank recoating in FY 2025 there are no capital requests for Siasconset Water. At such time as the merger of Siasconset Water into Wannacomet Water is completed I anticipate adjusting Wannacomet's Capital Program to recognize needs in the Siasconset system.

The following changes should be made to the Draft Capital Plan Spreadsheet dated July 18, 2014

1. The capital project for the Raceway Drive Water Main extension is no longer being considered.
2. The \$30,000 allocation for the upgrade of the David Worth Pumping station motor control center has been completed to the point that full replacement is now scheduled for 2021
3. All of the allocations for Vehicle replacement will be carried in the operations budget instead of a capital request. This approach was instituted with the FY 2015 budget.
4. All upgrades for servers will be put forth by the IT Department.
5. The Wellfield Relocation and upgrade, Operations/Maintenance Facility and New Administration Building have been moved from FY 2018 to FY 2016.
6. Water Main Replacement costs have been updated for FY 2017-2025 and other projects for this period have been added and shown on the FY 2017-2025 Capital Requests Spreadsheet

Fiscal Year 2016 Requests

1. New project sheets have been submitted for the Wellfield relocation and upgrade, Operations/Maintenance Facility and New Administration Building.



Town of Nantucket

Proposed FY2016 Capital Project

Project Title: Replacement of Wyer's Valley Tubular Wellfield

Department: Wannacomet Water Co. **Contact Person:** Robert Gardner

Department Priority: Low Medium High X

Funding Amount Requested: \$ \$1,750,000.00

Funding Source(s): General Fund State Grant

Enterprise Fund X Other (please explain):

Project Description including location and source of cost estimate:

The project entails replacing the Wyer's Valley 79 tubular wells, pumps and controls with two wells, new controls and associated piping. Additionally, a new pumping station will be constructed for these wells and to incorporate the existing Well #12. The existing diesel power generator will be replaced by a propane fuel generator. The cost estimate was developed by our consulting engineers and includes a 20% contingency. Project is expected to start in FY 2015 and be completed in FY 2016. Additionally, if the Nantucket Cottage Hospital relocated to Wyer's Valley they have agreed to participate in the cost of this project.

Is the request for a new structure or equipment?

If the request is for replacement or renovation please explain the need. The Wyer's Valley tubular well field dates back to 1914 and has been modified several times. The well field and pumping system experienced a major failure on July 4, 2014 which caused the Water Commission to make the replacement of this system a priority.

Provide cost changes (if any) that will/could result from this request i.e. increase or decrease maintenance costs, utilities, personnel etc. Estimated cost savings in electric cost of 15% are expected to be realized from a more efficient pumping system and the elimination of the maintenance costs associated with the existing Wyer's Valley pump station.

Provide an estimate of revenues (if applicable) gained by this expenditure. No additional revenues are expected from this project.

If relevant, provide any other justification for the project or equipment. This project will increase groundwater protection by installing the two new wells twice as deep as the existing 79 wells and also eliminate the need to store diesel fuel for power generation in the well field.



Town of Nantucket

Proposed FY2016 Capital Project

Project Title: Replacement of Administration and Operations Facilities

Department: Wannacomet Water Co. **Contact Person:** Robert Gardner

Department Priority: Low Medium High X

Funding Amount Requested: \$ \$3,500,000.00

Funding Source(s): General Fund State Grant

Enterprise Fund X Other (please explain):

Project Description including location and source of cost estimate:

This project was originally scheduled for FY 14 but when the Nantucket Cottage Hospital indicated a desire to use the Wyer's Valley property for a new hospital and finance the relocation of the Administration and Operations facilities it was postponed. The current plan calls for the construction of new facilities at 43 Polpis Road. The NCH has committed to pay for this project. Should the voters deny the NCH's request to construct a new hospital at Wyer's Valley the new facilities would be constructed at 1 Milestone Road. Cost Estimate is based on previous estimates and update by our designer and consulting engineers.

Is the request for a new structure or equipment?

If the request is for replacement or renovation please explain the need. The existing buildings located at 1 Milestone Road would need to be demolished to accommodate the NCH. Therefore new facilities would be built on Water Company property at 43 Polpis Road.

Provide cost changes (if any) that will/could result from this request i.e. increase or decrease maintenance costs, utilities, personnel etc. While it is hard to put a dollar amount on savings it is safe to assume that with a energy efficient building, efficient heating and ventilation systems that savings in utilities and maintenance costs will be realized.

Provide an estimate of revenues (if applicable) gained by this expenditure. No additional revenues are expected from this project.

If relevant, provide any other justification for the project or equipment.

| FY 2017 - 2025 Proposed Capital Requests | | | |
|--|---|---|----------------|
| DEPARTMENT: Wannacomet Water Company | | | |
| | Item | Additional Description | Estimated Cost |
| FY 2017 | Water Main Replacement | North Liberty and Lily Streets, Brush Road Hussey Street | \$750,000 |
| FY 2018 | Water Main Replacement | India Street and Orange Street Lincoln Circle | \$1,000,000 |
| FY 2019 | Hydrant Upgrade | Replace all Fire Hydrants installed before 1985 and or undersized. | \$900,000 |
| FY 2020 | Pump Station Motor Control Center Replacements | Replace and update MCC's at State Forest and North Pasture. | \$100,000 |
| FY 2021 | | | |
| FY 2022 | | | |
| FY 2023 | | | |
| FY 2024 | | | |
| FY 2025 | Water Tank Recoating | North Pasture, Siasconset | \$1,200,000 |