

Wastewater Treatment Plant
Town of Maynard, MA
Capital Project Request Form

Department: Please Pick One
Contact Person: David Simmons
Date Prepared: January 15, 2013
Contact Phone Number: Cell # 978-265-0674

Note: Items submitted in prior years are NOT re-submitted unless there are changes to the request

New Capital Request? (Y/N): Yes

Change to a Request from a prior submittal? (Y/N): NO

Project Title: Secondary Sludge Pump Replacement

Fiscal Year Request: 2014 Priority Category (see definition below): Please Pick One

Description: See Attached Letter

Situation (how did this project need come about):

- What alternatives were considered and why were they rejected?:
- Can other departments in Maynard use this capital item?: NO
- Risk of not doing this project?:

Need Arises From:

- Compliance w/ State or Federal Law
- New Program based on documented demand
- Elimination of public health/safety problem
- Improvement in effectiveness or efficiency
- Elimination of liability exposure
- Expanded program based on documented demand.
- Cost savings or avoidance in existing program
- Replace Existing Capital Asset

Financial Information:

Amount being requested: \$35,000 Partial Funding Y(N) Y or N if Y, how much: \$, and source:

Basis for Cost Estimate (please attach additional information):

- Firm Outstation
- Dept Estimate
- Contractor Estimate
- Other

Expected Life of Item or Project: 20 YRS Expect Residual Value \$

Will the Capital Purchase replace something that currently provides the function or will it provide a new function?

- New
- Replacement

If replace, please state the age (yr of purchase), residual value and other pertinent information about the item being replaced (mileage for vehicles, version for software etc): Year: Residual Value: \$

>15 YRS

Impact on Operating Cost of the Department:

- Increase
- Decrease
- No Impact

Explain Impact:

Submitted By: David A. Simmons Date: January 15, 2013
Title: Plant Manager - Weston + Sampson Services

Definitions of Categories:

- Category 1: Projects that can NOT be reasonable postponed
- Category 2: Projects which should be carried out with in a few years in order to meet anticipated public need.
- Category 3: Projects which are needed to meet documented new or expanded public demands
- Category 4: Projects that can easily be postponed or eliminated from immediate consideration



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January 17, 2013

To: Town of Maynard Capital Projects Committee

From: David A. Simmons, Plant Manager, Weston & Sampson Services, Inc.

Re: Capital Project Request for Secondary Sludge Pump Replacement

Attached is a Capital Request Form for the replacement of a secondary sludge pump. An article was approved to include this item, replacement of the two secondary clarifiers and the purchase of a Vac Truck. At this time, it appears that there may not be enough funds left after the second clarifier is purchased. I am submitting the application for the secondary sludge pump to be considered as a capital project for FY 2014, in the event funds are not available.

When the upgrade of the treatment plant was being designed and cost estimates were being discussed. The Town decided that the two secondary clarifiers and the two secondary sludge pumps did not have to be included in the upgrade. One of the clarifiers broke in February of 2011 and was not replaced and back in operation until November 2012. The other clarifier is showing signs of failure and as a result, this unit is scheduled to be replaced within the next month.

One of the secondary sludge pumps was replaced with a Penn Valley pump the town had purchased several years ago prior to the plant upgrade to facilitate pumping sludge to the tanker truck and since the upgrade included new sludge transfer pumps, this Penn Valley pump was used to replace one of the secondary sludge pumps. The plan is purchase another Penn Valley pump of the same type and model to facilitate spare parts inventory, etc. All that will be remaining is to replace the last secondary sludge pump, once the second clarifier is installed in a few months.

The Town of Maynard has been working very closely with the Department of Environmental Protection and realizes the importance of replacing these units and the state is aware of the diligence the town has shown in taking action to have these units replaced and as a result, there has been no formal Administrative Orders issued to the Town for non-compliance and it is very important that the Town continue down this path to avoid any legal action from the state.

I would be pleased to meet with you and/or the committee at any time to discuss this matter in further detail is you so desire. I can be reached at 978-265-0674.

Respectfully Submitted,

A handwritten signature in blue ink that reads "David A. Simmons".

David A. Simmons
Plant Manager, WSS