CITY OF PEWAUKEE

2016 Capital Improvement Project Request Form

Department: **Public Works Water**

Project Name: **Well No. 5 Radium Mitigation**

PROJECT COSTS / REVENUES

COSTS

Year	Amount 1	Source 1	Amount 2	Source 2	Amount 3	Source 3	Amount 4	Source 4	Total
2014									$ -
2015	$ 100,000	Water Utility							$ 100,000
2016	$ 1,274,000	Water Utility							$ 1,274,000
2017									$ -
2018									$ -

REVENUES

Year	Amount 1	Source 1	Amount 2	Source 2	Amount 3	Source 3	Amount 4	Source 4	Total
2014									$ -
2015									$ -
2016									$ -
2017									$ -
2018									$ -

PROJECT IMPACTS

Impact on the Community:

Well No. 5 has exceeded the maximum limit allowed for Gross Alpha radionuclides. This well is one of thirteen that serve our residents and businesses that are connected to the water system.

Visibility in the Community:

This project has a very high visibility.

Impact of Not Approving:

Failure to identify and install a gross alpha reduction system at this well will cause the City to abandon this well and lose the attendant water production.

Regulatory: The City is under Department of Natural Resources Orders to repair or abandon the well.

Operations: This well is one of thirteen that provides water to the City, and is a critical part of the drinking water infrastructure.

Project Category: Public Works Drinking Water Infrastructure Replacement

Dept. Sharing: Water Utility, Engineering, Fire

Project Criticality: High for Fire Protection; High for Water Operations

Cost Code:

New / Used: New-replacement

Expected Life: 20 yrs.

Department Ranking: High

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Department:	**Public Works Water**
Project Name:	**Well No. 5 Radionuclide Mitigation**
Advocate:	**Jeffrey Weigel, PWD**
2016	**$1,274,000**

Project Description:

Identify the best gross alpha water removal process ("pilot studies"), design, bid and build the building addition and treatment facility.

Map or Photo:

No map per Vulnerability Assessment Policy