

State of Wisconsin
 Department of Natural Resources
 Bureau of Community Financial Assistance – CF/2
 101 S. Webster St., P.O. Box 7921
 Madison, WI 53707-7921
 Phone No. (608) 266-7555, FAX (608) 267-0496



Environmental Improvement Fund (EIF)
 Green Project Reserve (GPR)
 Addendum to Financial Assistance Application
 Page 1 of 5 - August 2010

Applicants must complete and submit this form for each Clean Water Fund Program (CWFP) and Safe Drinking Water Loan Program (SDWLP) project for which they submit a Financial Assistance Application.

Municipality City of Bayfield, WI	<input type="checkbox"/> CWFP <input checked="" type="checkbox"/> SDWLP	EIF Project No. 5385-2
Does this project include any "green" elements as described below? <input checked="" type="checkbox"/> YES (If yes, complete and return page 1 and appropriate page(s) with green category information) <input type="checkbox"/> NO (If no, complete and return only page 1)		
Name and Title of Person Completing This Form (Type or Print) Mike Forslund, Project Engineer	Phone No. 608-251-4843	Email Address mike.forslund@strand.com
Signature of Person Completing This Form 		Date Signed 7-6-2012

Green projects fall into four separate categories: green infrastructure, water efficiency, energy efficiency, and environmentally innovative projects. Please read the definitions below and refer to the guidance document **Green Project Reserve: Guidance for Determining Project Eligibility**, dated April 21, 2010, (available on the web at <http://dnr.wi.gov/org/caer/cfa/EL/Section/news.html>). This document explains the types of projects eligible for funding under the Green Project Reserve and details which types of projects are considered categorically eligible and which types of projects require a business case. **Applicants must submit all required business cases prior to loan closing.** DNR is required to post the business cases on the web.

When completing this form, include only those costs you intend to request from the Environmental Improvement Fund.

SUMMARY OF GREEN PROJECT RESERVE COSTS

GREEN CATEGORY	EIF-FUNDED GREEN PROJECT COSTS
Green Infrastructure	\$
Water Efficiency	\$ 200,000
Energy Efficiency	\$
Environmentally Innovative	\$
TOTAL	\$ 200,000

FOR DNR USE ONLY

Signature of GPR Specialist 	Date Review Completed 2/4/13
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Water Efficiency definition: Water Efficiency projects include the use of improved technologies and practices to deliver equal or better services with less water. Water Efficiency encompasses conservation and reuse efforts, as well as water loss reduction and prevention, to protect water resources for the future.

This project is categorically a Water Efficiency project ____

Indicate Categorical Project number from *GPR: Guidance for Determining Project Eligibility* and estimated cost (i.e. 2.2-2 for \$35,000):

Categorical Project Number: _____ Estimated Cost: \$ _____

Categorical Project Number: _____ Estimated Cost: \$ _____

Other: _____ Estimated Cost: \$ _____

Or

This project requires a business case X

Indicate Business Case Project number from *GPR: Guidance for Determining Project Eligibility* and estimated cost (i.e. 2.5-3 for \$50,000):

Business Case Project Number: 2.5-2 Estimated Cost: \$ 200,000

Business Case Project Number: _____ Estimated Cost: \$ _____

Other: _____ Estimated Cost: \$ _____

The **TOTAL** estimated cost of this Water Efficiency project or project components \$ 200,000

Please provide a **detailed** description of your Water Efficiency project or project components below. Please include any pertinent calculations of water savings in both gallons and percentage of overall water usage. Attach a separate sheet if necessary.

This project includes replacement of 632 feet of water main along Rittenhouse Avenue in Bayfield. The existing water main being replaced is cast iron pipe installed in the 1950's that has exhibited a history of water main breaks. The City has reported 5 major main breaks/leaks in this area over the past 10 years. The water lost during each break is estimated at 50,000 gallons. Because this segment of main is located under the highway, the time and cost associated with finding and fixing the leaks is significant. According to the latest Public Service Commission report filed by Bayfield, the volume of Real & Apparent Water Loss from the system equated to 46% of the water pumped. With this section of water main replaced, we expect the annual water savings to be at least 25,000 gallons.