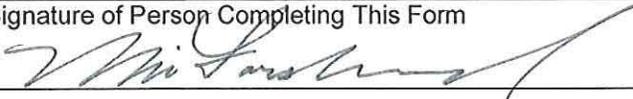


State of Wisconsin  
 Department of Natural Resources  
 Bureau of Community Financial Assistance – CF/2  
 101 S. Webster St., P.O. Box 7921  
 Madison, WI 53707-7921  
 Phone No. (608) 266-7555, FAX (608) 267-0496

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<br>City of Bayfield, WI  | <input type="checkbox"/> CWFP<br><input checked="" type="checkbox"/> SDWLP | EIF Project No.<br>5385-3                 |
| Does this project include any "green" elements as described below?<br><input checked="" type="checkbox"/> YES (If yes, complete and return page 1 <b>and</b> appropriate page(s) with green category information)<br><input type="checkbox"/> NO (If no, complete and return only page 1) |  |   |
| Name and Title of Person Completing This Form (Type or Print)<br>Mike Forslund, Project Engineer  | Phone No.<br>608-251-4843  | Email Address<br>mike.forslund@strand.com |
| Signature of Person Completing This Form<br>   |  | Date Signed<br>6-25-2013                  |

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           | \$ 656,000                     |
| Energy Efficiency          | \$                             |
| Environmentally Innovative | \$                             |
| <b>TOTAL</b>               | <b>\$ 656,000</b>              |

|  |                                  |
|--|----------------------------------|
| <b>FOR DNR USE ONLY</b>  |                                  |
| Signature of GPR Specialist<br> | Date Review Completed<br>10/9/13 |

**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: \$  656,000

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

Other: \_\_\_\_\_ Estimated Cost: \$ \_\_\_\_\_

The **TOTAL** estimated cost of this Water Efficiency project or project components \$  656,000

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 will include installation of 1,900 feet of 8-inch water main to replace aging segments of 6-inch main. New water services will also be installed to replace existing service connections. 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. 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 75,000 gallons.