

## **Green Project Reserve 2010 DWSRF Priority List**

Green Project Reserve (GPR) is a new component of our Drinking Water State Revolving Loan Fund (DWSRF). The law states "for FY2010, to the extent there are sufficient eligible project applications, not less than 20% of the funds made available under this title, to the State for DWSRF Capitalization Grants shall be used by the State for projects to address green infrastructure, water or energy efficiency improvements or other environmentally innovative projects." To meet the requirements of the GPR, the VT DWSRF is proposing to focus its efforts on waterline replacement projects that address significant water losses and improve energy efficiency. While currently there is no additional subsidy being proposed for projects funded under the GPR, the primary benefit for a qualifying waterline replacement project is elevated priority ranking. Those systems wishing to be considered for the 'leaky pipe fund' must submit a business case addressing all of the identified components found below. The purpose of the business case is to provide a well documented justification for a project and will be used to determine eligibility for the GPR. Business cases will be reviewed by this office for completeness, accuracy and reasonableness/justification. Below is a recommended outline for a business case.

### **Green Project Reserve Type- Water and Energy Efficiency**

Provide brief project description and basic outline of water and energy efficiency benefits.

### **Documents submitted and to be reviewed by the State:**

List engineering reports, water audit summaries, leak detection reports, maintenance records, break history and other supporting documentation.

### **Leaky Pipe Technical Business Case Evaluation:**

Provide technical analysis to justify eligibility for GPR.

The business case should identify:

- length, pipe material and age, diameter, and a general description of location within system
- if pipes are being rehabilitated or replaced
- the pipes being replaced are the primary source of water loss (if such data is available)
- any relevant break, repair or other maintenance records
- the means for determining water loss (source metering vs. individual metering of connections)

The business case should provide specific information on the basis for rehabilitation or replacement of the pipes covered in the project. This information should give a reasonable basis to expect that the pipes proposed for replacement are likely to generate the largest return in leak reduction for the size of the project. Thus, a pipe replacement project based essentially on useful life assessments, without more, would not be eligible. Finally, if energy efficiency is relevant to project qualification as "green", the business case should provide any available documentation regarding expected increases in energy efficiency. Please refer to AWWA's guidance for further explanation and assistance on proper water loss calculations.

### **Financial Evaluation:**

Include documentation and analysis to support the financial evaluation. The business case should identify the amount of real water loss related to daily production and relative lost revenue or increased

cost to produce the water that is lost. Estimate cost and water savings from the project based on the technical analysis of the benefits.

For more information about draft DWSRF Project Priority List and a projects priority ranking, please contact Bryan Redmond, DWSRF Program Specialist, at (802) 241 3408 or [bryan.redmond@state.vt.us](mailto:bryan.redmond@state.vt.us). For information about the GPR Business Case contact Ashley Lucht, Capacity Development Coordinator, at (802) 241 3424 or [ashley.lucht@state.vt.us](mailto:ashley.lucht@state.vt.us) or Eric Law, Project Development Specialist, at (802) 241 4656 or [eric.law@state.vt.us](mailto:eric.law@state.vt.us). Additionally we can be reached toll free within Vermont by calling (800) 823-6500.

Honorable Peter Shumlin, Governor    Deb Markowitz, ANR Secretary    David Mears, DEC Commissioner

This (fact sheet/form/application) and related environmental information are available electronically via the internet. For information visit us through the Vermont Homepage at <http://www.vermont.gov> or visit VT WSD directly at <http://www.vermontdrinkingwater.org>

Water Supply Division  
103 South Main Street  
Waterbury, VT 05671-0403  
Toll free 1-800-823-6500  
Out of State 1-802-241-3400  
Fax 1-802-241-3284