

Texas Water Development Board



Eastland County WSD

DWSRF GREEN PROJECT RESERVE BUSINESS CASE EVALUATION

STATE FISCAL YEAR 2011 INTENDED USE PLAN

PROJECT NUMBER 61928

COMMITMENT DATE: March 17, 2011

DATE OF LOAN CLOSING: March 26, 2012

March 24, 2011

Mr. Dale Bennington
Water Superintendent
Eastland County Water Supply District
P.O. Box 16
Ranger, Texas 76470-0016

**Re: SFY 2011 Drinking Water State Revolving Fund
Green Project Eligibility**

Dear Mr. Bennington:

The Texas Water Development Board (TWDB) received Green Project Information Worksheets from the Eastland County Water Supply District (District) for project #8463 in response to the Drinking Water State Revolving Fund (DWSRF) invitation dated September 27, 2010. After reviewing the worksheets, TWDB staff determined the District meets certain green costs based on the following:

- The District's Green Project Information Worksheets dated October 27, 2010 requested \$2,111,510 of the \$11,650,000 Water System Improvements Project be considered eligible for the DWSRF Green Project Reserve (GPR). The project was generally described as rehabilitation of the existing water treatment plant and raw water transmission system.
- Installation of solar panels at a new chemical feed systems building and improvements to the existing raw water transmission main were requested to be considered eligible for the DWSRF GPR.
- The Environmental Protection Agency's (EPA's) *Green Project Reserve Guidance for Determining Project Eligibility* (TWDB-0161) lists renewable energy projects such as solar that provide power to a utility as categorically eligible for the GPR (Part B, Section 3.2-1). Energy efficient retrofits, upgrades, or new pumping systems and treatment processes are described as business case eligible for the GPR (Part B, Section 3.5-1).
- Information presented on the Green Project Information Worksheets revised on March 1, 2011 confirmed that the renewable energy (solar panel installation in the amount of \$104,000) project elements were categorically

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eligible for the DWSRF GPR. Energy efficiency retrofits or upgrades related to the raw water pumping and transmission system may be eligible for the DWSRF GPR, however, sufficient information was not provided on the Green Project Information Worksheets or application material to confirm eligibility. DWSRF GPR eligibility of the raw water pumping and transmission system may be reconsidered upon completion of the project planning phase. Therefore, at this time the TWDB considers project costs associated with renewable energy in the amount of \$104,000 eligible for the DWSRF GPR.

- Please note that the District's application for financial assistance must be consistent with information provided on the Green Project Information Worksheets dated March 1, 2011.

If you have any questions regarding green project eligibility, please feel free to contact John Muras, Project Engineer, by phone at 512-463-1706 or by email at john.muras@twdb.state.tx.us.

If you have any questions regarding the status of your application, please feel free to contact Luis Farias, DWSRF Project Lead, by phone at 512-475-4816 or by email at luis.farias@twdb.state.tx.us.

Sincerely,



Stacy L. Barna
Director of Program Development
Project Finance Division

SLB:bv

Green Project Reserve

Green Project Information Worksheets

**Drinking Water State Revolving Fund
Intended Use Plan**

The Federal Appropriation Law for the current fiscal year Clean Water and Drinking Water State Revolving Fund programs contains the Green Project Reserve (GPR) requirement. The following Green Project Information Worksheets have been developed to assist TWDB Staff in verifying eligibility of potential GPR projects.

TEXAS WATER DEVELOPMENT BOARD
DRINKING WATER STATE REVOLVING FUND (DWSRF)
GREEN PROJECT INFORMATION WORKSHEETS

PART I – GREEN PROJECT INFORMATION SUMMARY

Check all that apply and complete applicable worksheets:

Categorically Eligible

- Green Infrastructure \$ _____
- Water Efficiency \$ _____
- Energy Efficiency \$ 104,000.00
- Environmentally Innovative \$ _____

Business Case Eligible

- Green Infrastructure \$ _____
- Water Efficiency \$ _____
- Energy Efficiency \$ _____
- Environmentally Innovative \$ _____

Total Requested Green Amount \$ 104,000.00

Total Requested Funding Amount \$11,650,000.00

Type of Funding Requested:

- PAD (Planning, Acquisition, Design)
- C (Construction)

Completed by:

Name: LARRY K. FUSAL, P.E.

Title: VICE PRESIDENT

Signature: 

Date: 3/1/11

**TEXAS WATER DEVELOPMENT BOARD
DRINKING WATER STATE REVOLVING FUND (DWSRF)
GREEN PROJECT INFORMATION WORKSHEETS**

PART II - CATEGORICALLY ELIGIBLE

Complete this worksheet for projects being considered for the Green Project Reserve (GPR) as categorically eligible. Categorically eligible projects or project components are described in the following sections of the EPA GPR guidance (TWDB-0161):

Green Infrastructure	Part B, Section 1.2
Water Efficiency	Part B, Section 2.2
Energy Efficiency	Part B, Section 3.2
Environmentally Innovative	Part B, Section 4.2

Information provided on this worksheet should be of sufficient detail and should clearly demonstrate that the proposed improvements are consistent with EPA and TWDB GPR guidance for categorically eligible projects. Refer to **Information on Completing Worksheets** for additional information.

Section 1 - General Project Information

Applicant: Eastland county WSD PIF #: 8463

Project Name: Water System Improvments

Contact Name: Dale Bennington

Contact Phone and e-mail: (254) 647-3294; ecwsd@txol.net

Total Project Cost: \$11,650,000.00 Green Amount: \$104,000.00
(Categorically Eligible)

Brief Overall Project Description:

Rehabilitation of existing water treatment plant and raw water transmission system.

