

**OFFICE OF STATE LANDS AND INVESTMENTS
Drinking Water State Revolving Fund**

APPLICATION COVER SHEET

Applicant: **TOWN OF STAR VALLEY RANCH**

Date: 30 March 2009

Address: 15 Cedar Creek Road, Suite D, HCR62 PO Box 7007, Star Valley Ranch, WY 83127

Contact Person: Mayor Boyd Siddoway E-mail address: svrmayor@silverstar.com Phone No.: 307-883-8696

Engineer: Clarence Kemp E-mail address: ckemp@forsgren.com Phone No.: 801-230-3682

Tax I.D. Number (required): 56-2545943

WOLFS Vendor Number - Applied for 3/26/09 -

Project Name and Brief Description: **Star Valley Ranch Deteriorated Steel Distribution Piping Replacement Project.** Project consists of the replacement of approximately 34,000 LF of existing deteriorated and undersized steel distribution piping.

Construction Start Date September 25, 2009 Estimate Actual

Substantial Completion Date August 1, 2010 Estimate Actual

Funding Source	Amount Requested
Drinking Water SRF Loan (Core Program 2.5% Interest)**	\$1,480,625
Drinking Water SRF Loan (ARRA Program 0% Interest)	\$0
Drinking Water SRF Loan (ARRA Program with Principal Forgiveness)	\$1,480,625

**** All Drinking Water SRF Loans awarded from the core program have a 0.5 point loan origination fee**

Total SRF Funding Requested \$ 2,961,250

Applicant's Other Funding \$0

Total Project Cost \$2,961,250

*List applicants other funding sources individually. Provide funding source, funding amount and status for each source:

Funding Source	Funding Amount	Funding Status

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APPLICATION SUMMARY FORM

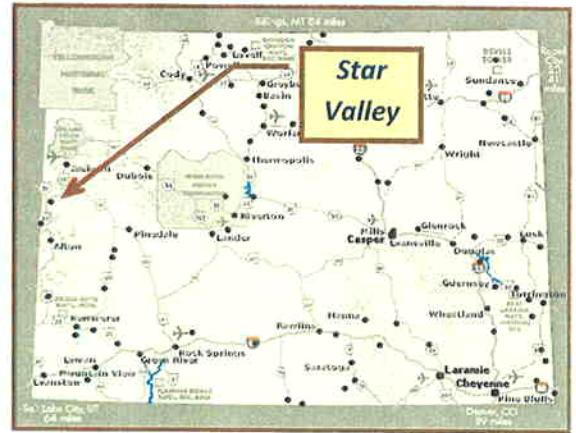
Date: 30 March 2009

Applicant: TOWN OF STAR VALLEY RANCH, WYOMING

Project Name: STAR VALLEY RANCH
DETERIORATED STEEL DISTRIBUTION
PIPING REPLACEMENT PROJECT

OVERVIEW:

Star Valley Ranch, initially developed during the early 1970's, consists of 21 plats totaling 2034 lots. Over the past several years, the demographics of Star Valley Ranch has changed dramatically from a recreational community to a full-time residential community with larger families. The residents of Star Valley Ranch overwhelmingly voted to form Wyoming's newest municipality in 2006. One of the largest hurdles faced by the new Town was the domestic water system.



Project Location Map

The Town of Star Valley Ranch is facing serious water supply shortages and health and safety concern related to their existing water system infrastructure. The water system service area includes 2032 residential lots as defined in the approved Star Valley Ranch plats. There are currently approximately 1000 homes connected to their system.

EXISTING SYSTEM DESCRIPTION

Star Valley Ranch is a primarily residential area situated in mountainous terrain adjacent to Bridger National Forest. A general overview of the system is shown.

Water Supply: The system is currently supplied by four domestic water sources; Green Canyon Springs (not owned by town), Prater Springs, Airstrip Well #1, and Cedar Well #1 (also not owned by town). Current supply sources are not adequate to meet peak day demands.

Distribution and Storage: The system pipe network consists of over 30-miles of piping, most of which is in poor condition and/or undersized to meet future demands. There are currently 11 separate pressure zones. The six highest zones are served by the Prater Canyon tank, a 175,000 gallon rectangular concrete structure. The lower zones are served by the 400,000 gallon Green Canyon tank.

The initial system design was based on the use of PVC piping throughout the distribution system. However, steel pipe was often substituted for PVC. The steel piping is now an on-going maintenance

concern due to corrosion and leakage. Steel piping represents approximately 18% of the 167,000 feet of existing distribution piping.

The system was leak tested in late 2007. Forty-nine mainline leaks and forty-nine service line leaks were identified, of which fifty-nine leaks were classified as "significant", averaging about 3 gpm each. **The water loss due to leakage was estimated at 250,000 gallons per day or over 90 million gallons annually.** This proposed project will most of the leakage problem, thus minimizing the need for unnecessary source / well development.

Modeling indicates that the existing distribution system is not adequately sized to meet DEQ safe working pressure requirements during current maximum day demands. This proposed project will also address that problem.

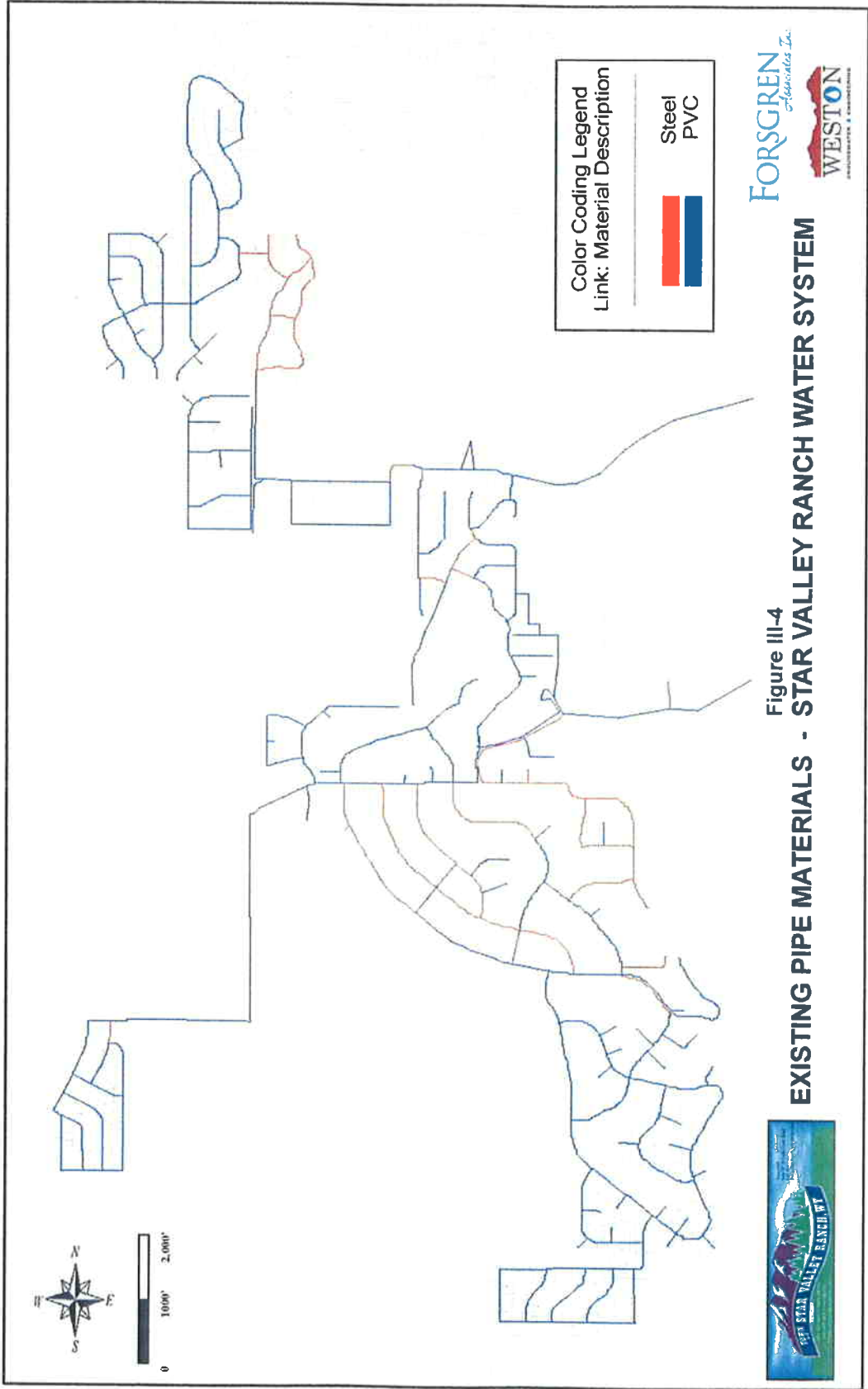
POPULATION SERVED

The water system service area includes 2032 residential lots as defined in the approved Star Valley Ranch plats. There are currently about 1050 homes constructed. Based on 2.9 persons per household in Star Valley Ranch, this equates to a current population of approximately 3,045 persons.

USER RATES

The Star Valley Ranch water system is only partially metered. Hence, the town currently uses a flat-rate fee structure. The town currently charges a residential base rate of \$18.00 plus a usage fee of \$66.00 for a total charge of \$84.00 per quarter per connection for unlimited usage. New connections to the system are assessed a \$5,100 tap fee.

Beginning July 1st, 2009, the rates will be increased to a residential base rate of \$20.00 plus a usage fee of \$75.00 for a total charge of \$95.00 per quarter per connection for unlimited usage. New connections to the system will be assessed a \$5,750 tap fee. Once metered, user rates will be based on actual use.



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APPLICATION GENERAL INFORMATION FORM

A. Is this an Emergency? Yes No

B. Please provide the percentage or proportionate cost of the project for each project type below

Plan & Design & CMS	15.2%	Purchase	0%
Treatment	0%	Restructure	0%
Transmission & Distribution	0%	Land Acquisition.	0%
Source	0%	Other	
Storage	84.8%		

C. Life expectancy of Project? (Number of years) 50 years

D. Public Participation: Date public hearing was held for local participation/review of proposed project which included presentation of project alternatives. Advertised WWDC Public Hearing for master plan recommendations (including distribution piping replacement) was held on December 4, 2008. However, this project is proposed for a Categorical Exclusion thus eliminating the requirement for a public hearing.

Please be sure to include these items from the application checklist:

- 1) Copy of proof of publication of public hearing notice.
- 2) Minutes from public hearing

E. Environmental Review: Have you sent letters to agencies requesting an environmental review of the project?
PROJECT IS BELIEVED TO BE ELIGIBLE FOR A CATEGORICAL EXCLUSION

Agency	Date Review Requested	Date Clearance Received

F. Please be sure to include these items from the application checklist:

- A. Items due at least 45 days prior to Board Meeting.
 - 1) Environmental assessment report.
 - 2) Affidavit of Publication- Findings of No Significant Impact (FONSI)

OR:

- B. Item due at least 15 days prior to Board Meeting.
 - 1) Affidavit of Publication-Categorical Exclusion (CAT EX)

G. Certification

I certify that I am authorized to sign this application on behalf of our governing body, and the applicant will comply with all appropriate requirements if approved. To the best of my knowledge and belief, the information in this application is true and correct. I understand the State may review any relevant documents or instruments relating to the analysis of this application.

Boyd Siddoway, Mayor
Name and Title (typed)



Signature

26 March 2009
Date

Clarence S. Kemp, P.E., Town Engineer
Name and Title of Contact Person

(801) 230-3682
Phone No.q