

Drinking Water State Revol Application Form

No. PW070103-21

Applicant	Proposed Funding Package	
City of Rapid City 300 Sixth Street Rapid City, South Dakota 57701	Drinking Water SRF Loan	\$ <u>3,500,000</u>
Federal Employer ID No.	Consolidated Grant	\$ _____
46-6000-380	Local Bond Issue	\$ _____
Sub Applicant	Local Cash	\$ <u>330,000</u>
	Other: _____	\$ _____
	Other: _____	\$ _____
	Other: _____	\$ _____
	TOTAL	\$ <u>3,830,000</u>

Project Title: Red Rock Water Storage Reservoir

Description:

The proposed project will consist of the construction of a new water reservoir (tank), water transmission main, and related appurtenances at the southwestern edge of the City. The tank is being constructed to provide additional storage for existing water users in Rapid City currently being served from the Highway 16 pressure zone. Existing users now experience pressure problems as the existing Highway 16 reservoir does not provide adequate peak day storage requirements for the service area. The users to benefit reside in the Carriage Hills, Upper Wildwood, Westview, and Red Rock Estates neighborhoods in Rapid City. Additionally, the reservoir will provide back-up storage for users located in the Highway 16 area.

The reservoir is also being sized so as to provide for potential future service to parts of the Countryside North, Countryside South, and Whispering Pines neighborhoods and portions of the neighborhoods near Moon Meadows Road.

The precise reservoir location will either be just inside or just outside of the city limits. Also, there are six alternate locations being considered for the reservoir location – all relatively close to one another. The final location has not yet been selected. The tank volume will be approximately 3.5 million gallons. The tank may range from completely below ground to partially above ground to completely above ground, depending upon the final site that is selected. The approximate tank diameter will range from 130 feet to 165 feet – again depending upon which site is selected. Tank construction will most likely be post-tensioned concrete or pre-stressed concrete. There is a small chance that the tank will be cast-in-place concrete. The actual length of pipe will vary depending upon the final tank location that is selected, with most of the tank locations requiring between 500 and 1,500 lineal feet of approximately 20-inch diameter pipe. The pipe will tie into the existing transmission main located in Prestwick Road in the Red Rocks Subdivision.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and to the best of my knowledge and belief is, in all things, true and correct.

Jim Shaw, Mayor (605) 394-4119 _____ Date _____
Name and Title of Authorized Signatory (Typed) Phone # Signature

Jim Preston, Finance Officer (605) 394-4143 _____
Name and Title of Authorized Signatory (Typed) Phone # Signature