



Abridged Application

Due February 5, 2016 by 5:00pm

SWIFT@twdb.texas.gov

2016 FEB - 5 A 11 15
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By submitting this abridged application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete abridged application by the stated deadlines, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the abridged application without review.

GENERAL INFORMATION

Name of Entity	County	Regional Water Planning Area
Creedmoor-Maha Water Supply Corporation	Travis, Caldwell, Hays	Region K

Entity Contact Information

Contact Person	Name	Charles Laws		
	Title	General Manager		
Mailing Address	12100 Laws Road			
	Buda, Texas 78610			
Phone Number	512-243-2113	Fax Number	512-243-2137	
Email Address				

PROJECT DESCRIPTION

Name of Project <i>(As it appears in the 2016 regional water plan)</i>	Creedmoor Maha 2020 Infrastructure Repair Plan			
Where can the project be found in the most recent Regional Water Plan?	Project described on page:	No (see Page A.1.)	Capital costs listed on page:	

Please attach a list of all water systems served by the proposed project. None Other Than CMWSC.

Phase(s) Applied For	<input checked="" type="checkbox"/> Planning	<input checked="" type="checkbox"/> Acquisition	<input checked="" type="checkbox"/> Design	<input checked="" type="checkbox"/> Construction
Population Served When Fully Operational	7,500 (est.)			

Description of Proposed Project

(See Page A.2.)



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Emergency <i>(select all that apply)</i>	<input type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input type="checkbox"/> Water supply need occurs earlier than anticipated in the State Water Plan. <input type="checkbox"/> Applicant has received or applied for Federal emergency funding. <input checked="" type="checkbox"/> None of the above.
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Agricultural Efficiency Project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Efficiency improvement achieved by implementing the project <i>(Please provide an attachment showing the basis for your calculation.)</i> <input type="checkbox"/> <1% <input type="checkbox"/> 10%-13.9% <input type="checkbox"/> 1%-1.9% <input type="checkbox"/> 14%-17.9% <input type="checkbox"/> 2%-5.9% <input type="checkbox"/> ≥18% <input type="checkbox"/> 6%-9.9%
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Household Cost Factor
(Household Cost Factor for SWIFT prioritization is calculated by dividing the service area's average residential water bill by its annual median household income. For regional projects, these should represent the combined service areas of all participating entities.)

Estimated average annual residential water bill:	\$946.80	Annual Median Household Income:	\$41,000 (est.)
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The proposed project addresses:	<input checked="" type="checkbox"/> Conservation <input checked="" type="checkbox"/> Water Loss <input type="checkbox"/> N/A	Annual Volume of Water Produced/Conserved by the Project <i>(in acre-feet per year)</i>	437.23 acre feet
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Readiness to Proceed <i>(select all that apply)</i>	<input type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required. <input checked="" type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline. <input type="checkbox"/> Applicant has acquired all water rights associated with the proposed project, or none will be required.
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ESTIMATED COSTS

Estimated Project Costs	Low-interest Loan	\$ 3.08 Million
	Deferred Loan	\$ 420,000
	Board Participation	\$
	Local Contribution	\$
	Other:	\$
	Total Estimated Project Costs	\$ 3.5 Million

Anticipated Commitments <i>Attach proposed schedule for multi-year commitments</i>	<input type="checkbox"/> One-Time Commitment <input checked="" type="checkbox"/> Multi-Year Commitments
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A.1.

Creedmoor-Maha is in the process of preparing documents asking for an amendment to the Regional Water Plan. The Creedmoor-Maha project described in this application is consistent with conservation efforts and the amendment to the Regional Water Plan will be consistent with state goals.

A.2.

Creedmoor-Maha WSC, organized in the late 1950's as a not-for-profit water supply entity, originally served predominantly rural customers until the area changed by growth of the sale of small tracts of land for individuals who wanted to live in the country. A surge of growth occurred between 1962-1964, when the developers of these tracts installed a majority of 4" PVC water lines to area households. Built to acceptable standards at that time, those aging lines have continued to break, crack, blowout and leak. Now, in one of the fastest growing areas of the United States, Creedmoor-Maha's CCN (Travis, Hays, Caldwell Counties, including the City of Mustang Ridge) has water demands that the Creedmoor-Maha WSC Infrastructure Repair Plan ("CMIRP") addresses. The CMIRP proposes to replace existing water lines that have been repaired and replaced over the last 25 years with increasing frequency. The plan targets areas where supply lines are constantly breaking and leaking. The composition of clay and black land prairie soils contribute to upheaval of the land in times of drought and excessive rain. Repairing leaks in an emergency mode have become the major activity of the corporation. In 2014 and 2015, the estimated known/unknown water loss totaled 143,472,174 gallons. As pipes continue to deteriorate, water losses increase and in part, to pay for these losses and the increased supply of wholesale water demanded, user rates have increased to one of the highest in the area. Although Creedmoor-Maha CCN is a lower income area (\$41,000 average median income per household), this is not appropriate, nor acceptable. This convoluted version of "Water Whac-A-Mole" requires constant expenses when the repair or replacement of the line (sometimes over ½ mile) would secure the more certain and less expensive flow, conserving water as well.

This application is for a total of \$3.5 million to be utilized over a 5 year time period. The deferred loan cost for planning, acquisition and design should equal approximately 12% or \$420,000 leaving \$3.08 million for construction total cost.

It is estimated that repair of the 40% (Phase One) of the problem lines can be accomplished over the first 2 year period (2016-2017) and the remaining 60% (Phase Two) over a 3 year period (2018-2020). Creedmoor-Maha has never received TWDB funding for any of its programs. The Plan anticipates some fluctuation in labor and material costs---about 10% per annum. Funds would be drawn as needed.

The application anticipates benefits to the system and a repayment pledge wherein Creedmoor-Maha will 1) repurpose operation revenues from realized water loss savings towards debt repayment; 2) lower wholesale water costs due to resolving the water loss and more efficient use of water; 3) cost savings for the Creedmoor-Maha rate payers by diminishing the number of repair incidents, which lowers the cost of doing business; 4) ability to provide developing residential and commercial areas with a constant and stable water source. We are asking for a loan of \$3.5 million, utilized over a 5 year time frame with a favorable payback period.

In light of the area's short water supply, it is imperative that we critically control losses and make efficient use of existing water supplies, which will conserve water resources out of the Edwards Aquifer

for future use as urban development shifts toward the Creedmoor-Maha's CCN. The TWDB has recognized line loss and needed repair as a conservation project in the past for other entities.

The Board, along with consulting engineers' help, has identified pipelines that would be a priority in repairs or replacement, by amount of water loss, extent of pipe needed for repair, as well as number of individuals those lines serve. While applying for funds, Creedmoor-Maha would also appreciate consideration for other funding, including DWSRF or EDAP.

Bennie Bock, II

Attorney

Physical Address: 352 West Mill

Mailing Address: 387 West Mill

New Braunfels, Tx 78130

Office: 830-625-7574

February 4, 2016

Texas Water Development Board
1700 Congress Ave.
Austin, TX 78701

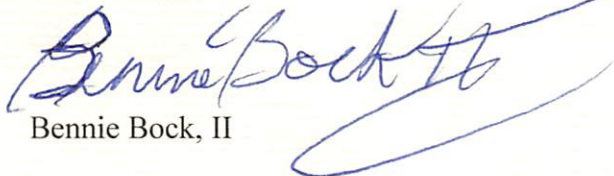
Re: Creedmoor-Maha Water Supply Corporation
SWIFT Abridged Application

Please find enclosed the Creedmoor-Maha Water Supply Corporation's SWIFT Abridged Application.

If you have any questions, please contact me at 830-625-7574. If I am unable to answer your questions I will contact someone who can.

Thank you very much.

Sincerely yours,



Bennie Bock, II

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