

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

CONFIRMATION OF BOARD APPROVAL

A Board Meeting held in Denver, Colorado, at the History Colorado Center located at 1200 Broadway Ave. Denver, CO 80203, on Wednesday, March 19, 2014 and a quorum was present for the Board to conduct business.

CWCB Staff presented a recommendation for approval of the following loans:

Agenda Item: 33. Water Supply Planning- WSRA Grant Scope of Work Change

10-0 a. North Delta Irrigation Company- Tunnel Reconstruction Project
(Y-N vote)

Action: The loans recommended for approval under this Agenda Item were approved by the Board for funding. All contracts resulting from this approval will include a reference to this Board meeting.

Approved on MARCH 19, 2014
Date

The Chairman is authorized to attest by his signature the Board's approval of the agenda item.

April Montgomery, Chairman of the Board Date

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Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Kirk Russell, PE, Chief
Finance Section

DATE: March 7, 2014

SUBJECT: **Agenda Item 33a, March 18-19, 2014 Board Meeting**
Water Supply Planning – WSRA Grant Scope of Work Change
North Delta Irrigation Company – Tunnel Reconstruction Project

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Introduction

In March 2012 the CWCB considered a funding request for the North Delta Tunnel Reconstruction Project. The sources of funding included a \$760,000 Statewide Fund Grant, a \$40,000 Gunnison Basin Fund Grant and an \$800,000 CWCB Loan for a total \$1.6 million.

The purpose of the Tunnel Reconstruction Project was to repair the tunnel that collapsed in July 2011. The Project included the installation of 1,500 feet of 48 inch pipe to line the tunnel and 700 feet of ditch piping immediately up-canal of the tunnel. The Project was under an aggressive schedule in order to deliver water to shareholders in the summer of 2012. After the Project was complete and irrigation water was turned on, it was determined that the tunnel piping was only able to deliver about half of the Company's decreed water right. Based on preliminary observations, it is likely that one of the causes is a high spot midway into the tunnel. In addition, the design capacity of the tunnel was dependent upon the installation of additional ditch piping up-canal to provide the hydraulic gradient necessary to achieve the needed capacity at the tunnel.

The Company is now requesting the Board approve the unused grant funds that were authorized by the Gunnison Basin in February 2012. These funds will be used to investigate options to determine the most cost beneficial solution to deliver the Company's decreed flow to its shareholders.

Staff Recommendation

Staff recommends the Board approve up to \$82,686 from the Statewide Account to fund the additional work necessary to complete the North Delta Irrigation Company's – Ditch System Study.