

# STATE OF COLORADO

## Colorado Water Conservation Board Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Anna Mauss, P.E. *AM*  
Tim Feehan, P.E., Chief *TF*  
Finance Section

DATE: July 1, 2011

SUBJECT: **Agenda Item 21, July 12 - 13, 2011 Board Meeting**  
**Finance Section – Prequalification Project List Update**

The Finance Section compiles a list of prequalified projects for the Water Project Loan Program. In order to be included on this list, potential borrowers must submit a Loan Application and two years of financial statements to the CWCB staff. In addition, Borrowers requesting to be placed on the Prequalification Project List have a defined project, have performed preliminary engineering, and have a reasonable estimate of the project costs.

Projects on this list fit the initial criteria of the Water Project Loan Program; however, the list does not constitute loan approval. In order to receive a loan, borrowers must additionally submit a completed Loan Feasibility Study for review by CWCB staff. Staff will then prepare a recommendation to the Board for approval at a future CWCB meeting. Projects will remain on this list for one year from the date of the application or until Board approval of a loan.

Applications received by July 1, 2011 for this board meeting were:

- a. Tri-County Water Conservancy District – Ridgway Hydropower Project
- b. Paradise Acres Home Owners Association – Pipeline Project
- c. Missouri Heights Mountain Meadows Irrigation Company – Ditch Lining Project

Please refer to the preliminary Project Data Sheets for additional information on each project.

### Staff Recommendation

Staff recommends that the Board approve the new projects, as presented on page 2, to be placed on the Prequalified Project List.

## PREQUALIFIED PROJECT LIST

BORROWER	PROJECT NAME	APPLICATION DATE	BASIN	PROJECT DESCRIPTION	PROJECT COST	LOAN AMOUNT
<b>New Applications</b>						
Tri-County Water Conservancy District	Ridgway Hydropower Project	July 1, 2011	San Juan/Dolores	Tri-County plans to build a hydropower facility at Ridgway Dam using existing water releases.	\$16,000,000	\$10,000,000
Paradise Acres Home Owners Association	Pipeline Project	July 1, 2011	Arkansas	The association needs to construct a new raw water pipeline to its storage tank as mandated by Colorado Department of Public Health and Environment.	\$60,000	\$54,000
Missouri Heights Mountain Meadows Irrigation Company	Ditch Lining Project	July 1, 2011	Colorado	This project involves lining one mile of ditch to prevent seepage losses.	\$450,000	\$405,000
New Applications Subtotal					\$18,510,000	\$10,459,000

**PREQUALIFIED PROJECT LIST - PREVIOUSLY APPROVED APPLICATION**

Town of La Veta	North Lake Dam Repair Project	May 1, 2011	Arkansas	The purpose of this project is to repair the outlet works and address seepage problems at North Lake dam in La Veta.	\$750,000	\$675,000
Crystal Lakes Water and Sewer Association	Lone Pine Reservoir Enlargement	March 1, 2011	S. Platte	The purpose of this project is to enlarge Lone Pine Reservoir from 10.5 AF to 100 AF for augmentation purposes.	\$2,197,250	\$1,977,525
Town of Georgetown (by and through its Water Activity Enterprise)	Georgetown Lake Dam Outlet Works Modification Project	March 1, 2011	S. Platte	The purpose of this project is to modify the Georgetown Lake Dam outlet works to allow higher releases so the Town can comply with its augmentation plan.	\$3,300,000	\$3,000,000
Thunderbird Water and Sanitation District	Lambert Ranch Water Rights	January 1, 2011	S. Platte	The District is planning on purchasing the Lambert Ranch water rights to help firm the water supply for current residents.	\$350,000	\$315,000
Montezuma Valley Irrigation Company	West Lateral and Upper Arickaree Pipeline Project	October 1, 2010	San Juan/Dolores	The purpose of this project is to replace sections of open canals with buried pipelines in order to maintain & improve the 80-year-old irrigation system.	\$3,830,000	\$3,100,000
Plains Metropolitan District	Water Rights Purchase	July 1, 2010	S. Platte/Metro	The purpose of this project is to acquire water rights to provide irrigation to Deer Creek Public Golf Course (which the District is in the process of acquiring).	\$1,250,000	\$1,125,000
Totals					\$30,187,250	\$20,651,525

The Finance Section also compiles a list of potential borrowers/projects for the Water Project Loan Program. This list represents borrowers that have contacted the CWCB about a potential need for funding but have not submitted a loan application and/or a loan feasibility study.

## LOAN PROSPECTS

Basin	Last Contact	BORROWER	PROJECT NAME	PROJECT COST	LOAN AMOUNT
<b>South Platte</b>					
		B.H. Eaton Ditch Co (Windsor)	Pipeline & Diversion Structure	\$1,000,000	\$1,000,000
		Louden Irrigation & Reservoir Co	Ditch Improvements	\$500,000	\$500,000
		Greeley - Loveland Irrigation Co.	Augmentation Structure		\$500,000
		No Poudre Irrigation Co	Pump Station		\$5,000,000
		Town of Byers	Well & Pipeline		\$700,000
		Town of Johnstown	Kauffman Reservoir Purchase		\$5,000,000
	4/10	Boulder Left Hand Irrigation. Co	Ditch Piping (2012)		\$300,000
	2/10	Bergen Ditch Company	Dam Rehabilitation		\$2,000,000
	1/09	East Larimer County Water District	Rigdon Storage Project		\$3,000,000
	10/10	NISP Participants	NISP		\$30,000,000
	10/10	Chatfield Reallocation Participants	Chatfield Reallocation Participants		\$40,000,000
	4/10	Bergen Ditch & Res. Co	Dam Rehabilitation (Late 2010)		\$1,000,000
	5/10	Big Elk Meadows Assoc. (Estes Park)	Meadow Lake Outlet Rehab.		\$150,000
		Boulder Left Hand Irrigation. Co	Ditch Piping		\$300,000
	12/10	Pinehurst Country Club	Harriman Reservoir	\$5,000,000	\$500,000
	4/10	Jackson Ditch Co.	Ditch Repairs		\$50,000
				<b>TOTAL</b>	<b>\$90,000,000</b>
<b>Arkansas</b>					
	1/10	Upper Arkansas WCD	Trout Creek Reservoir	\$3,000,000	\$3,000,000
		Cherokee Metro District	Wells and Pipelines	\$800,000	\$800,000
	5/10	City of Trinidad	North Lake Reservoir Rehabilitation	\$1,600,000	\$1,600,000
	9/09	Ditch and Reservoir company	Big Johnson Reservoir		\$8,000,000
	9/09	Town of Ordway	Reservoir Rehab		\$2,000,000
	10/10	Lower Arkansas Water Mgmt Association	Water Rights Purchase		\$7,500,000
	10/10	Highline Canal Company	Water Rights Purchase	\$4,500,000	\$4,100,000
				<b>TOTAL</b>	<b>\$27,000,000</b>
<b>San Miguel/Juan</b>					
		Farmers Water Development Co	Gurley Reservoir Enlargement	\$5,000,000	\$5,000,000
	2/10	City of Ouray	Red Mountain Ditch Rehabilitation	\$200,000	\$200,000
				<b>TOTAL</b>	<b>\$5,200,000</b>
<b>Colorado</b>					
		Lateral MC070 Inc.	NRCS Ditch Rehabilitation	\$200,000	\$140,000
		Highland Ditch Co	Ditch Rehabilitation Project	\$200,000	\$200,000
		Ian Carney - Felix Tornare	Polaris Reservoir Rehabilitation	\$500,000	\$500,000
				<b>TOTAL</b>	<b>\$840,000</b>

<b>Gunnison</b>					
	7/09	Fire Mountain Canal & Reservoir Co.	New Reservoir		\$500,000
	10/09	Hinsdale County/Lake City	Lake San Cristobal Dam/Spillway		\$500,000
				<b>TOTAL</b>	<b>\$1,000,000</b>
<b>Rio Grande</b>					
				<b>TOTAL</b>	<b>\$0</b>
<b>Yampa</b>					
	4/09	Catamount Reservoir Company	Reservoir Rehabilitation		\$500,000
				<b>TOTAL</b>	<b>\$500,000</b>

Information shown is based on current staff knowledge and will likely change as Loan Prospects develop

**Recent inquiries:**

Park Center Water District – Well redrilling project

**CWCB Water Project Loan Program  
Prequalified Project Data Sheet**

**Borrower:** Tri-County Water Conservancy District **County:** Montrose

**Project Name:** Ridgway Hydropower Project

**Project Type:** Hydroelectric

**Drainage Basin:** Gunnison

**Water Source:** Uncompahgre River

**Total Project Cost:** \$18,000,000

**Funding Source:** TBD

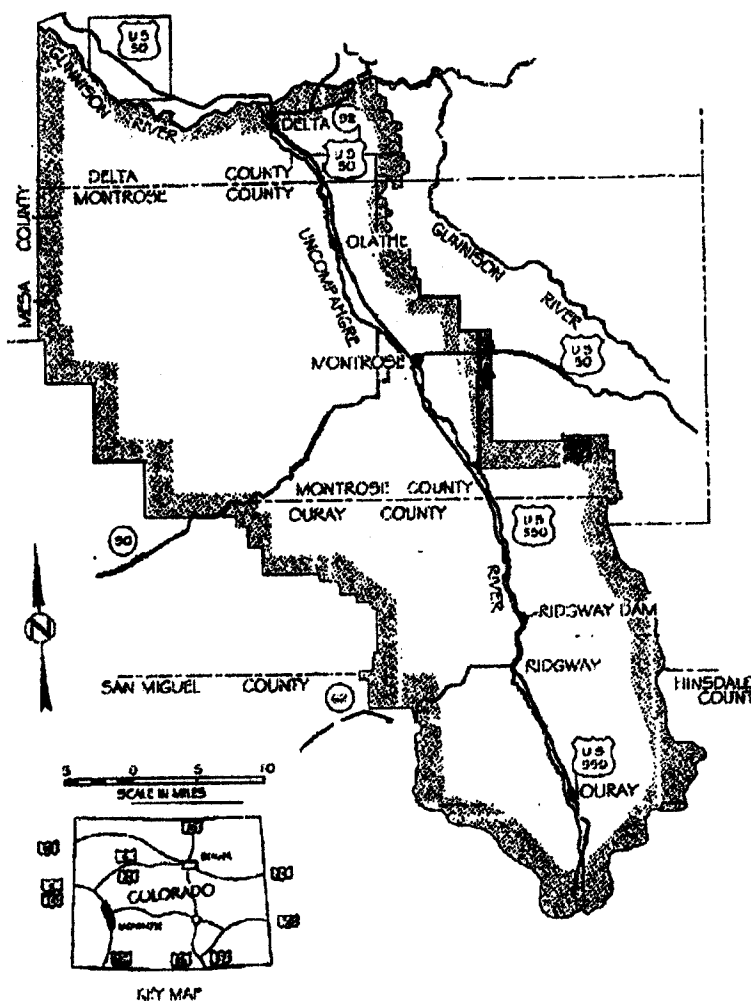
**Type of Borrower:** Municipal

**Average Annual Diversion:** 35,000 AF

**CWCB Loan:** \$10,000,000

**Interest Rate:** TBD **Term:** TBD

Tri-County Water Conservancy District operates and maintains Ridgway Dam for the Bureau of Reclamation and supplies water to a 1,400 square mile service area crossing through Delta County, Montrose County, and Ouray County. The District also sells irrigation water to the Uncompahgre Valley Water Users Association. The District plans to build a hydropower facility at Ridgway Dam to produce 22.6 gigawatt-hours of electricity per year at an installed capacity of 7 MW (one 4.9 MW and one 2.1 MW turbine and generator). In addition to the CWCB financing, the District is applying for \$2M from the Colorado Water Resources and Power Development Authority. It has also received an allocation from the Governor's Energy Office of \$6.5M in Energy Conservation Bonds.



**CWCB Water Project Loan Program  
Prequalified Project Data Sheet**

**Borrower:** Paradise Acres Home Owners Association

**County:** Huerfano

**Project Name:** Pipeline Project

**Project Type:** Pipeline Construction

**Drainage Basin:** Arkansas

**Water Source:** Nontributary Well

**Total Project Cost:** \$60,000

**Funding Source:** TBD

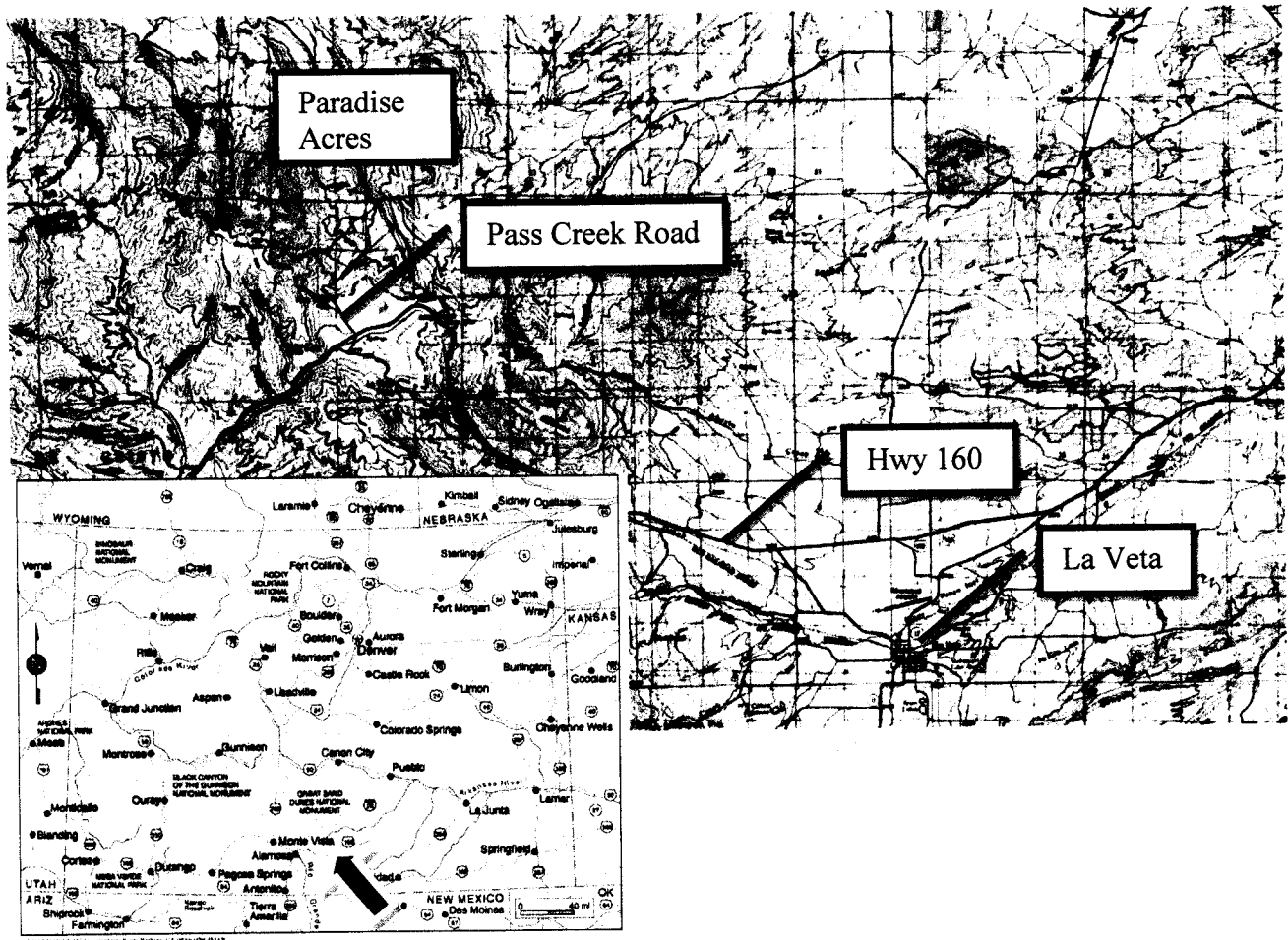
**Type of Borrower:** Low-Income Municipal

**Average Annual Diversion:** 5 AF

**CWCB Loan:** \$54,000

**Interest Rate:** TBD    **Term:** TBD

Paradise Acres Home Owners Association is located in Huerfano County, 20 miles west/north west of La Veta, CO. The association owns one well, four storage tanks, and a distribution system to service 38 homes. Currently, water is pumped from the well to the storage tanks and gravity feeds via the same distribution system to residential users. The Colorado Department of Public Health and Environment is requiring the association to install a chlorination system and separate dedicated pipelines (one for raw water, one for chlorinated water). The loan request is to construct the dedicated fill line and building house for a disinfection system. The \$20,000 chlorination system will be financed through the association's cash reserves and/or a special assessment.



## CWCB Water Project Loan Program Prequalified Project Data Sheet

**Borrower:** Missouri Heights Mountain Meadows Irrigation Company      **County:** Eagle

**Project Name:** Ditch Lining Project

### Project Type: Ditch Rehabilitation

**Drainage Basin:** Colorado

**Water Source:** Roaring Fork

**Total Project Cost: \$450,000**

**Funding Source:** TBD

**Type of Borrower:** Agricultural

**Average Annual Diversion: 4,480 AF**

**CWCB Loan: \$450,000**

**Interest Rate:** TBD    **Term:** TBD

Missouri Heights Mountain Meadows Irrigation Company provides irrigation water to approximately 1,500 acres of ranch land located 12 miles northeast of Carbondale. The company worked with the Natural Resources Conservatio service (NRCS) to evaluate losses within its ditch. A one-mile section has been identified as an area of high seepage, with losses estimated at 25%-35%. The NRCS is providing technical design assistance but will not be financing any of the construction.

