

12.14. PROJECTS & GROUPS

12.14.1. List of Water Projects

12.14.1.1. Explanation

The "Water Project Finance Act", §§72-4A-1 to 72-4A-10 NMSA 1978, created the Water Trust Board. In accord with §72-4A-5, the duties of the Board are to:

- A. adopt rules governing terms and conditions of grants or loans recommended by the board for appropriation by the legislature from the water project fund, giving priority to projects that have urgent needs, that have been identified for implementation of a completed regional water plan that is accepted by the interstate stream commission and that have matching contributions from federal or local funding sources;
- B. authorize qualifying water projects to the authority that are for:
 - (1) storage, conveyance or delivery of water to end users;
 - (2) implementation of federal Endangered Species Act of 1973 collaborative programs;
 - (3) restoration and management of watersheds;
 - (4) flood prevention; or
 - (5) water conservation; and
- C. create a drought strike team to coordinate responses to emergency water shortages caused by drought conditions.

This section lists ongoing and proposed projects by qualified entities in accordance with the Water Project Finance Act. A qualified entity is the state or a political subdivision, meaning a municipality, county, irrigation district, conservancy district, special district, acequia or soil and water conservation district, or any combination thereof operating pursuant to a joint powers agreement. The items on the list change on a regular basis and are not meant to be final.

The development of a single, coordinated listing of regional water projects would improve the effectiveness of the process. A list of capital projects to improve water and wastewater systems developed by the local governments in the region and updated annually is attached at the end of this section, and will be updated annually.

These projects are funded by local governments, land use agencies and other groups, utilizing local, federal or state funding sources, typical through revenue or general obligation bonds or grants to improve infrastructure and water quality. If seeking state funds through the state Water Trust Board or the Legislature, a requirement is to have a local capital outlay program.

Table 12.14-1.2. is the current list of Capital Outlay Water & Related Projects (2003-2007) provided by MRCOG in 2003.

12.14.1.2. Capital Outlay Water & Related Projects (2003-2007)

**Río Puerco y Río Jemez SubRegional Water Planning Entities
Capital Outlay Water & Related Projects (2003-2007)**

Project Title		Funding Source	2003	2004	2005	2006	2007
Cuba							
2003-01	Water System Improvements	CDBG LGrant	525,000	500,000	0	0	0
2005-01	Sewer system Improvements	CDBG LGrant	0	0	500,000	500,000	0
			525,000	500,000	500,000	500,000	0
Jemez Springs							
2004-03	Flood Ctrl	LGrant SGrant FGrant	0	175,000	175,000	175,000	0
2004-03	Village Draining, Paving & Gravel	SGrant FGrant Local	0	64,000	74,000	75,000	100,000
2005-03	Bathhouse Upgr	CDBG	0	0	500,000	0	0
2005-03	Sewer Line Upgr	FGrant SGrant	0	0	1,000,000	0	0
			0	239,000	1,749,000	250,000	100,000
San Ysidro							
2003-01	Water Treatment Plant Constr	CDBG SLoan	166,416	0	0	0	0
2007-01	Wastewater Treatment Plant Constr	CDBG LGrant Local	0	0	0	0	1,516,500
			166,416	0	0	0	1,516,500
Sandoval County (RPyRJ only)							
2003-01	Ponderosa Water	SGrant	200,000	0	0	0	0
2003-01	Rehabilitate Acequia Sys-Cuba	Local SGrant FGrant	160,000	400,000	200,000	0	0
2004-01	Countywide Sewer Treatment Study	Local SGrant	0	500,000	0	0	0
2005-01	Canon Water System	Local SGrant FGrant	0	0	1,000,000	0	0
2005-01	La Jara Water System	SGrant FGrant Local	0	0	1,008,000	0	0
			360,000	900,000	2,208,000	0	0
Grand Total All Projects			1,051,416	1,639,000	4,457,000	750,000	1,616,500

12.14.1.3. Future Projects for San Ysidro Community Ditch Association, January 2004

1. Structural changes to headgate at dam
2. Reconstruct 1500 feet of ditch at dam (correct reverse grade and sediment collection)
3. construct flumes/siphons to divert flood waters away from ditch
4. Reconstruct gate from Jemez Pueblo West Ditch to San Ysidro Ditch
5. Pipe or line lateral ditches in community
6. Treat willows along ditch
7. Add and improve turnouts for each *parciante*

12.14.1.4. Future Projects for Village of San Ysidro, January 2004

1. Construct more water galleries - increase water availability
2. Continue improvements to water treatment plant -- address arsenic, magnesium, fluoride, etc.
3. Construct more distribution lines
4. Construct waste water facility
5. Eradicate salt willow (tamarisk)

12.14.1.5. Sierra Los Pinos Proposed Projects (January 2004)

- Tank - Sys 2 - 12K gal.
- Pressure control valve for lower Griegos Road (if development continues)
- Firestand Installation on System 2 / or fire hydrant
- Meter installation / possible Mutual Domestic Setup
- 10 k gal holding tank at Firestation for 5 k rapid delivery to fire station tanker

12.14.1.6. Fifty Year Water Plan For Regina MDWCA, Inc., November 2003

1. Support and encourage restoration and management of Watersheds on Public and Private Lands to enhance Water Retention and Quality and to reduce the threat of Wildfire.
2. Support the Cultural and Spiritual Values of Water and the Universal need for and importance of Water.
3. Ensure WATER and ACEQUIA Rights to preserve and protect the local Agricultural traditions.
4. Support Land and Water Use patterns that ensure a Rural Lifestyle and Economy.
 - Complete Phase II of the Upgrade project. Engineered and Surveyed. Funding pending since 2001.
 - Acquire the Land necessary for drilling a Second Well for use to accommodate the forecast increase in local population as well as the present waiting list for requested new meters. Include electrical power to that site, a Pump Building, a Booster Pump, a 10,000 gallon Tank, tie into the existing system and include an All Weather Road to that site.
 - Re-work and/or clean the San Jose and the South Spring after the drought period has ended. Neither of the Springs have produced any water after late November, 2002, after a gradual

decrease in production from approximately 32 gallons per Minute, down to zero gallons per minute.

- Replace any of the 27-year-old distribution system that is found to be defective and cannot be repaired.
 - Enlarge the size of the existing pipe of the distribution system as required by the increase in local population. At present, Regina has a moratorium on new meters due to lack of funding on Phase II of the upgrade project and the lack of sufficient water sources. We now have 62 on a waiting list for new meters. Regina cannot support economic growth without additional water and larger water lines.
 - Complete other Operation and Maintenance projects to include a Warehouse Building to accommodate storage of parts, parking of Backhoe and Service Truck and provide a point of bill collection and a meeting room. These O & M projects could also include replacement of service truck on a 5 to 10 year cycle per truck and replacement of system backhoe on a 15 year cycle.
 - Upgrade San Jose Trail to an All Weather road to allow access to the New 200,000 storage tank on a year around basis.
5. Support and Promote Conservation of Water
- Continue our graduated rate system. Our current rate system is \$21.50 for the first 6,000 gallons, then \$10.00 per 1,000 gallons for the next 6,000 gallons, then \$30.00 per 1,000 gallons for all over 12,000 gallons.
 - Enhance our routine inspections for leaks and damage to the existing system, to ensure a minimum amount of water lost due to leaks.
 - Continue to remind customers to conserve on Water use and retain the current Per Capita use of less than 40 gallons per day per person.
6. Promote Education on Land Use, Water use and Environmental Health and Water Conservation.

Jan Brown, President
Regina MDWCA, Inc.

12.14.1.7. 50-Year Plan For La Jara Water Users Association, November 2003

Plan continues to encourage restoration and maintenance of watersheds in the context of respecting traditional values and traditions.

Plan is based on assumption that population will at least double over the next 50 years, and quite possibly triple. With continued promotion of water conservation the demand for water will at least double in that period.

Projected needs of La Jara Water Users Association include:

1. Development of additional water source(s).
2. Upgrade of distribution system, including additional lines and larger mains. Larger mains will be needed for additional fire protection.
3. Maintenance and upgrades of current physical assets to both maintain quality service and to comply with ever-evolving state and federal regulations.

With Respect,

Marcella Van Cleve, La Jara Water Users Assoc.
President.

12.13.2. Descriptive catalogue of projects and potential projects

12.13.2.1. Explanation

When considering how to manage the watershed, a catalogue of projects and potential projects provides an opportunity to know what activities are underway or are planned, whether or not by a qualified entity for water trust funds. While this is not meant to be an exhaustive cataloging of projects underway, one of the outcomes of the regional water plan should be to act as a clearinghouse. In that way, projects -- be they by individuals, non-profit organizations, acequias, mutual domestics, villages, Pueblos, Navajo, Bureau of Land Management, Forest Service, Cuba Soil & Water Conservation District, Natural Resource Conservation Service, or Bureau of Reclamation-- can be mentioned. Others who so desire can find out more about these efforts, learn from information already gleaned, and so on. In such a way, much of the regional water plan will be implemented. Leverage upon those activities, the Steering Committee can also help to ensure that the plan is a success.

12.13.2.2. Catalogue

As of September 2003, this list was just beginning to be assembled. One task for the Steering Committee will be to solicit projects to include, and to continue to update the clearinghouse. Since it should be broad-ranging in scope and inclusive as to projects, nothing should be read into projects selected or not selected. Representative projects and programs are set out in the appendix, a listing of which can be gained by reviewing the Table of Contents, below. Having the programs placed in the appendices on the cd-rom allows for periodic updates.

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