

DRINKING WATER BOARD
BOARD PACKET FOR EMERGENCY CONSTRUCTION LOAN

APPLICANT’S REQUEST:

Central Iron County Water Conservancy District (CICWCD), System #11085, is requesting financial assistance from the Drinking Water Board to provide drinking water, through a temporary connection, to Mid Valley Estates, System #11015, who is experiencing a source failure. The cost of this connection is estimated to be \$64,778.

STAFF COMMENTS AND RECOMMENDATION:

The Mid Valley Estates Water Company contacted CICWCD early last week and asked if they could assist them by delivering water through a temporary connection. They had lost 5 feet in their tanks the past day and their source was producing at a much diminished rate which would not allow them to recover their tanks to supply water to their customers. The well started producing sand and had to be restricted to a small amount of water in order to maintain clean water.

The District contacted DEQ District Engineer John Chartier and asked for his opinion on a temporary connection to Mid Valley Estates and he advised them to move forward. The District operator met with the Mid Valley Estates operator the next morning and decided upon the best temporary connection, given how quickly Mid Valley would be out of water. Appropriate piping was acquired and a temporary connection to a District fire hydrant was established to fill their tanks. This all took place in a matter of 12 hours. The District’s quick action prevented 250 homes from going without water or having water shortages. The District and Mid Valley would like to establish a permanent connection between the systems through a metered connection in the future.

The current water bill for CICWCD is approximately \$39 and the proposed water bill after construction of Phase III will be approximately \$92 which is 3.56% of local MAGI. The MAGI is \$31,172, which is 86% of the State’s MAGI of \$36,175.

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board authorize a \$64,778 construction loan to CICWCD with \$64,778 in principal forgiveness.

APPLICANT'S LOCATION:

CICWCD is located in Cedar City in Iron County.

MAP OF APPLICANT'S LOCATION:



POSITION ON PROJECT PRIORITY LIST:

This project scores 100 points on the PPL under the emergency category.

PROJECT DESCRIPTION:

The Mid Valley Estates Water Company contacted CICWCD early last week and asked if they could assist them by delivering water through a temporary water connection. They had lost 5 feet in their tanks the past day and their source was producing at a diminished rate which would not allow them to recover their tanks to supply water to their customers. Their well was producing sand and had to be restricted to a small amount of water in order to maintain clean water.

The District operator met with the Mid Valley Estates operator the next morning and decided upon the best temporary connection given the short time until Mid Valley would be out of water. Appropriate piping was acquired and a temporary connection to a District fire hydrant was established to fill their tanks. The District and Mid Valley would like to establish a permanent connection between the systems through a metered connection in the future.

POPULATION GROWTH:

Nolte Engineers had originally predicted that over the next 5 years, the number of connections will increase at a rate of approximately 40%, thus increasing the observed population by the same rate. Over the remaining 25 years, the growth will settle into a 2% growth rate. However, the District has already seen a decline in anticipated growth, thus a 2% growth rate was used as the basis for our evaluation. The following are population projections bases on the Governor’s Office of Planning and Budget.

	<u>Year</u>	<u>Population</u>
Current:	2008	33,779
Projected:	2030	87,644

COST ESTIMATE:

Engineering- Design	\$3,289
Engineering- CMS	\$3,289
Construction	50,608
Contingency	<u>\$7,591</u>
Total Project Cost	\$64,778

COST ALLOCATION:

The cost allocation proposed for the project is shown below.

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Principal Forgiveness	\$64,778	100%
Total Amount	\$64,778	100%

APPLICANT: Central Iron County Water Conservancy District
88 East Fiddlers Canyons Road, Suite A
Cedar City, Utah 84720
Telephone: (435) 865-9901
Fax: (435) 865-9902

PRESIDING OFFICIAL &
CONTACT PERSON: Scott Wilson, Executive Director
88 East Fiddlers Canyons Road, Suite A
Cedar City, Utah 84720
Telephone: (435) 865-9901
Fax: (435) 865-9902
Email: rwilson@infowest.com

CONSULTING ENGINEER: Kelly Crane, P.E.
Nolte Associates
870 North Main Street Suite 102
Cedar City, Utah 84721
Telephone: (435) 865-1453
Fax: (435) 865-7318
Email: kelly.crane@nolte.com

FINANCIAL CONSULTANT: Scott Wilson, Executive Director
88 East Fiddlers Canyons Road, Suite A
Cedar City, Utah 84720
Telephone: (435) 865-9901
Fax: (435) 865-9902
Email: rwilson@infowest.com

ATTORNEY: Richard Chamberlain
Chamberlain & Associates
225 North 100 East
Richfield, Utah 84720
Telephone: (435) 896-4461
Fax: (435) 896-5441
Email: rchmbrln@xmission.com