

**From:** Patton, Brian [Brian.Patton@idwr.idaho.gov]  
**Sent:** Wednesday, March 10, 2010 12:01 PM  
**To:** Joan Sabott; Jonathan Bartsch  
**Subject:** FW: Dietrich Prjoect to CAMP  
Joan,

Attached is a CAMP project submittal from AFRD2/Big Wood Canal Company. Thanks

Brian

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**From:** Lynn Harmon [mailto:lynnharmon@cableone.net]  
**Sent:** Wednesday, March 10, 2010 12:00 PM  
**To:** Patton, Brian  
**Subject:** Dietrich Prjoect to CAMP

**Big Wood Canal Company  
American Falls Reservoir District No. 2  
409 North Apple St.  
Shoshone, Idaho 83352**

**Brian Patton  
Idaho Department of Water Resources  
Boise, Idaho**

**RE: Dietrich Project**

The Big Wood Canal Company and American Falls Reservoir District No. 2 are presently working on the early stages of a gravity pressurized pipeline system. The proposed system would convert approximately 8,000 acres of the project from an open channel gravity delivery to a closed pipeline system.

#### Water Savings

The estimated water savings is between 80 to 100 cfs. a day. This over a normal irrigation season would result in somewhere between 20,800 and 26,000 acre feet per year.

#### Potential Benefits

- 1) Added water supply for a water short area
- 2) Potential soft conversion of approximately 4,000 acres from ground water
- 3) Reduction in power

#### Recharge

The Company has two injection wells which have been licensed along the Dietrich Main Canal and plans are to start injecting water from Silver Creek into the wells this Spring prior to the irrigation season, to help offset the potential loss of incidental recharge which is now occurring via the loss in the present irrigation system. Conversions which would be made possible with the saved water would more than cover the incidental recharge that has been taking place.

#### Cost for Project

**Preliminary cost estimates range from 4 to 5 million dollars to construct the pipe system.**

**Status of Project**

**The project is in the early stages of planning. We have had a couple of meetings with the local water users involved and have formed a committee to continue with design and financing issues for the project.**

**We realize we are in the very early stages and not what would be considered as a shovel ready project, but would appreciate your consideration for funding.**

Sincerely,

**Lynn Harmon,  
General Manager**