

September 18, 2013

Idaho Department of Water Resources
900 N Skyline Drive, Suite A
Idaho Falls, Idaho 83402-1718

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Department of Water Resources
Eastern Region

Application for Permit No. 75-14772

Attached are photographs and locator map supporting the above permit application.

PHOTO #1 is near the proposed POD and is a close up of the pressure relief valve discharging the water I propose to divert.

PHOTO #2 is a wider angle of the pressure relief valve. The shallow ditch carrying the discharged water runs from the valve towards the lower left of the photograph.

PHOTO #3 shows water running in the ditch about 30 feet below the valve.

PHOTO #4 shows the same ditch about 50 feet below the valve. You will note the ditch is dry at this point.

PHOTO #5 is a picture of the end of the ditch near the west borrow of South 9th Street. The three iron pins at the top of the photo are at the old abandoned head wall where the pressure relief valve used to be. The pipeline between this point and the present relief valve was abandoned after it ruptured from too much pressure. The line was not worth repairing.

PHOTO #6 is a picture of the dry borrow on the west side of South 9th Street. Water from Arrowhead only reaches this point when they are flushing or draining the system.

PHOTO #7 is taken up hill from the pressure relief valve. It is a picture of a old field riser with a small gasket leak. It shows the amount of pressure in the line even with the pressure relief functioning. There is a 500 foot drop in elevation in the Arrowhead system and the pressure at the relief valve is around 200 psi.

PHOTO #8 shows the POU area.

Any runoff from my proposed diversion would eventually run into the same small drainage ditch along Fulton Street that the ditch from the POD now drains to.

I realize the limitations of this type of water right and plan to use a low volume sprinkler system and drip irrigation at the POU.



David L. Tomlinson

















