

**Water Supply Reserve Fund – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**Sept 19-21, 2017**  
**Agenda Item 22(i)**

**Applicant & Grantee:** Lucky Penny Ranches LLC

**Water Activity Name:** Aqua Fria Reservoir Rehabilitation

**Water Activity Purpose:** Nonconsumptive/Agricultural Implementation

**County:** Jackson

**Drainage Basin:** North Platte

**Water Source:** Beaver Creek

**Amount Requested:** \$75,000 North Platte Basin Account

**Matching Funds:** Applicant Match (\$25,000 cash & in-kind)

- 33.3% of Basin Account request (meets 25% min)
- 25% of total project cost of \$100,000  
(refer to *Funding Summary/Matching Funds* section)

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$75,000 from the North Platte Basin Account to help fund the project titled: Aqua Fria Reservoir Rehabilitation.

**Water Activity Summary:** This WSRF grant, if approved, will assist the Lucky Penny Ranch in their efforts to rehabilitate the Aqua Fria Reservoir. Rehabilitation efforts include the installation of a debris curtain upstream of the dam face, replacing the dam face with hand placed rocks and grout, camera inspection of outlet pipes to determine replacement needs, camera inspection of internal dam pipes to determine repair needs, evaluate and if necessary repair pipe/gate system, repair outlet gate and wheel assembly, install a trash rack, clear pathway of emergency spillway, installation of a gauging system. These improvements will assist the applicant in meeting the requirements of the State Engineer's Office. Water from this reservoir is used to irrigate hay meadows to produce very high quality mountain meadow hay used for North Park cattle production. Funding for this project will also help preserve a quality fishery and provide nesting habitat for water fowls and other bird species.

**Discussion:** As pointed out in the Basin Roundtable Chair's Recommendation Letter, several goals set forth in the North Platte Basin Implementation Plan are addressed by the project. The preserved storage helps to maintain and maximize the consumptive use of water in the basin while helping to maintain important existing water infrastructure. In addition, the multiple purpose uses of the reservoir help to directly maintain healthy wetlands while showcasing the beneficial relationship between agricultural and environmental and recreational water use.

**Issues/Additional Needs:** No issues or additional needs have been identified.

**Eligibility Requirements:** The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

**Evaluation Criteria:** This activity has undergone review and staff has determined it satisfies the Evaluation Criteria outlined in Colorado's Water Plan, Section 9.4. Please refer to Basin Roundtable Chair's Recommendation Letter and the Application for a detailed response.

**Funding Summary / Matching Funds:**

<b><u>Funding Source</u></b>	<b><u>Cash</u></b>	<b><u>In-kind</u></b>	<b><u>Total</u></b>	<b><u>Status</u></b>
Lucky Penny Ranch LLC	\$15,000	\$10,000	\$25,000	Secured
WSRF North Platte Basin Account	\$75,000	n/a	\$75,000	n/a
<b>Total</b>	<b>\$90,000</b>	<b>\$10,000</b>	<b>\$100,000</b>	

**CWCB Project Manager:** Craig Godbout