

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

Applicant & Grantee: Wildland Restoration Volunteers

Water Activity Name: Community Sub-basin Post-Flood Source Water Protection

Water Activity Purpose: Nonconsumptive

County: Selected sites w/in South Platte Basin

Drainage Basin: South Platte

Water Source: South Platte

Amount Requested: \$25,000 South Platte Basin Account
\$25,000 Statewide Account
\$50,000 Total request

Matching Funds: Basin Account Match (\$25,000) = 100% of Statewide Account request (meets 10% min)
Applicant & 3rd Party Match (\$406,910 cash & in-kind) = 1,628% of Statewide Account request (meets 10% min)
Total Match (Basin & Applicant/3rd Party Match of \$431,910 = 1,727% of Statewide Account request (meets 50% min)).
(refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:

Staff recommends approval up to \$25,000 from the South Platte Basin Account; and up to \$25,000 from the Statewide Account to help fund the project titled: Community Sub-basin Post-Flood Source Water Protection.
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Water Activity Summary: This WSRF grant, if approved, will assist Wildland Restoration Volunteers (WRV) to work with multiple partners in the Big Thompson, Little Thompson, Left Hand, James Creek, and St. Vrain drainages to control sediment by installing erosion control products, planting healthy native riparian plant communities across 16 acres, and removing tens of thousands of tamarisk saplings across 20 acres, and spanning 2.2 miles of stream.

Objectives of the project include:

1. Improve source water quality by stabilizing channels using a variety of cutting-edge techniques.
2. Reduce erosion by revegetating 16 acres of riparian corridor using professional labor, volunteers, and demonstrated revegetation expertise.
3. Reduce hazards and decrease likelihood of property damage by future floods.
4. Educate volunteers about water quality and conservation, and other goals of the South Plate BRT.
5. Search and remove invasive phreatophytes from approximately 20 acres

Activities will include native seeding, planting wetland plants, application of soil amendments (e.g. biosol, humate, inoculant as appropriate to streambank elevation), caging of the plants to prevent

beaver depredation, and installation of erosion matting and WoodStraw mulch to prevent erosion and increase groundwater infiltration. Plants will establish roots, stabilize the streambanks, provide structure for habitat, and eventually deposit leaf litter and rebuild healthy soils.

Discussion: These efforts assist the South Plate Basin Roundtable satisfy the Environmental and Recreational Goals: MO #1 Promote Restoration, Recovery, and Sustainability of Endangered, Threatened, and Imperiled Aquatic, Riparian and Wetland Dependent Species and Plant Communities; MO #3 Maintain or increase the number of stream miles or surface area of streams, lakes, wetlands and riparian areas for self-sustaining aquatic species populations, and wetland/riparian habitat, and Maintain or improve watershed health through source water protection, wildfire mitigation, sedimentation control and erosion control.

This project assists in satisfying Colorado's Water Plan Critical Goals and Actions as identified in *Chapter 10.3.F: Watershed Health, Environment, and Recreation* as the project supports expanding educational, outreach and innovative approaches.

Issues/Additional Needs: CWCB staff will work cooperatively with the applicant to develop a Statement of Work, Budget and Schedule that conforms to contracting requirements, and will coordinate with the applicant in obtaining the required Letter of Matching Commitment.

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:

Funding Source	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>	<u>Status</u>
Wildland Restoration Volunteers	\$0	\$62,198	\$62,198	Secured
Arapahoe Roosevelt National Forest	\$63,940	\$4,200	\$68,140	Secured
Audubon Rockies	\$1,000	\$0	\$1,000	Pending
Lyons Community Foundation	\$2,500	\$0	\$2,500	Secured
Little Thompson Watershed Coalition	\$16,000	\$85,000	\$101,000	Pending/Pending
Trout Unlimited	\$4,000	\$0	\$4,000	Pending
City of Longmont	\$71,000	\$75,000	\$146,000	Pending/Pending
Boulder Preparatory Academy	\$0	\$572	\$572	Pending
Terra Foundation	\$11,500	\$0	\$11,500	Pending
National Forest Foundation	\$2,000	\$0	\$2,000	Secured
CWCB Invasive Phreatophyte Control Program	\$8,000	\$0	\$8,000	Secured
Sub-total Matching Funds	\$179,940	\$226,970	\$406,910	
WSRF South Platte Basin Account	\$25,000	n/a	\$25,000	
WSRF Statewide Account	\$25,000	n/a	\$25,000	
Total Project Costs	\$229,940	\$226,970	\$456,910	

CWCB Project Manager: Craig Godbout