



COLORADO WATER CONSERVATION BOARD



WATER SUPPLY RESERVE ACCOUNT APPLICATION FORM

Today's Date: 8/1/2017

Community Sub-Basin Post-Flood Source Water Restoration Project

Name of Water Activity/Project

Wildlands Restoration Volunteers

Name of Applicant

South Platte Basin
Roundtable

Amount from Statewide Account:

\$25,000

Amount from Basin Account(s):

\$25,000

Total WSRA Funds Requested:

\$50,000

Approving Basin Roundtable(s)

(If multiple basins specify amounts in parentheses.)

FEIN:46-0505155

Application Content

Application Instructions	page 2
Part I – Description of the Applicant	page 3
Part II – Description of the Water Activity	page 5
Part III – Threshold and Evaluation Criteria	page 7
Part IV – Required Supporting Material	
Water Rights, Availability, and Sustainability	page 10
Related Studies	page 10
Signature Page	page 12

Required Exhibits

- A. Statement of Work, Budget, and Schedule
- B. Project Map
- C. As Needed (i.e. letters of support, photos, maps, etc.)

Appendices – Reference Material

- 1. Program Information
- 2. Insurance Requirements
- 3. WSRA Standard Contract Information (Required for Projects Over \$100,000)
- 4. W-9 Form (Required for All Projects Prior to Contracting)

Water Supply Reserve Account – Application Form

Revised October 2013

Instructions

To receive funding from the Water Supply Reserve Account (WSRA), a proposed water activity must be approved by the local Basin Roundtable **AND** the Colorado Water Conservation Board (CWCBC). The process for Basin Roundtable consideration and approval is outlined in materials in Appendix 1.

Once approved by the local Basin Roundtable, the applicant should submit this application **with a detailed statement of work including budget and schedule as Exhibit A** to CWCBC staff by the application deadline.

WSRA applications are due with the roundtable letter of support 60 calendar days prior to the bi-monthly Board meeting at which it will be considered. Board meetings are held in January, March, May, July, September, and November. Meeting details, including scheduled dates, agendas, etc. are posted on the CWCBC website at: <http://cwcb.state.co.us> Applications to the WSRA Basin Account are considered at every board meeting, while applications to the WSRA Statewide Account are only considered at the March and September board meetings.

When completing this application, the applicant should refer to the WSRA Criteria and Guidelines available at: <http://cwcb.state.co.us/LoansGrants/water-supply-reserve-account-grants/Documents/WSRACriteriaGuidelines.pdf>. In addition, the applicant should also refer to the [Supplemental Scoring Matrix](#) applied to Evaluation Criteria Tiers 1-3 for Statewide Account requests .

The application, statement of work, budget, and schedule **must be submitted in electronic format** (Microsoft Word or text-enabled PDF are preferred) and can be emailed or mailed on a disk to:

Craig Godbout - WSRA Application
Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203
Craig.godbout@state.co.us

If you have questions or need additional assistance, please contact Craig Godbout at: 303-866-3441 x3210 or craig.godbout@state.co.us.

Water Supply Reserve Account – Application Form

Revised October 2013

Part I. - Description of the Applicant (Project Sponsor or Owner);

1.	Applicant Name(s):	Wildlands Restoration Volunteers		
	Mailing address:	3012 Sterling Circle, Suite #201 Boulder, CO 80301		
	FEIN #:	46-0505155		Watershed Restoration Coordinator
	Primary Contact:	Lukas McNally	Position/Title:	
	Email:	Lukas@wlrw.org		
	Phone Numbers:	Cell: 518-429-1279	Office:	970-493-2075, ext. 2#
	Alternate Contact:	Sarah Egolf-Tarr	Position/Title:	Development Director
	Email:	sarah@wlrw.org		
	Phone Numbers:	Cell: 307-760-5411	Office:	303-543-1411, ext. 6#

2. Eligible entities for WSRA funds include the following. What type of entity is the Applicant?

- ☐ Public (Government) – municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities and the local entity should be the grant recipient. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
- ☐ Public (Districts) – authorities, Title 32/special districts, (conservancy, conservation, and irrigation districts), and water activity enterprises.
- ☐ Private Incorporated – mutual ditch companies, homeowners associations, corporations.
- ☐ Private individuals, partnerships, and sole proprietors are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
- ☒ Non-governmental organizations – broadly defined as any organization that is not part of the government.

Water Supply Reserve Account – Application Form

Revised October 2013

3. Provide a brief description of your organization

Wildlands Restoration Volunteers' (WRV) mission is to foster a shared responsibility for the restoration and stewardship of public, protected, and ecologically important lands. WRV has an 18-year history of demonstrated success in stream restoration and volunteer leadership development across the region. WRV engages thousands of volunteers each year in a wide variety of community-based stewardship projects, including invasive species removal, stream and wetland restoration, trail work, forest health, and more. WRV was founded in 1999, and hosts its own comprehensive leadership development program and Youth & Inclusiveness Program.

By fall, 2017, our volunteers will have contributed over 480K hours of labor & expertise valued at over \$10 Million to Colorado's natural heritage. We are excited that 2017 will be the milestone year we reach both 1,000 projects and \$10 Million of volunteer time. Collaborative, community-based stewardship is a central focus of WRV's mission.

WRV's projects resume includes a major leadership role in coordinating the Big Thompson Watershed Coalition and serving as its fiscal sponsor during the post-flood period, thanks in large part to CWCB Coordination funding. WRV also played a lead role in the restoration of a significant reach of the North Fork of the Big Thompson River in 2015-2016, thanks in large part to Senate Bill 139 (stream flood restoration) funding from CWCB. During this project, WRV mobilized volunteer labor and heavy equipment to remove an abandoned, channel-wide dam, and to accomplish channel restoration and bank revegetation. This is now considered a showcase example restoration project for other Big Thompson Watershed Coalition partners to emulate.

WRV has an excellent reputation for high-quality restoration in the region. WRV is frequently asked for guidance about best practices for restoration and building a large and skilled volunteer community. We gladly offer this assistance because "building a culture of stewardship" is a core element of our mission.

Volunteer stewardship is central to WRV's mission. We are able to fulfill this mission with a small staff due to our large community of trained volunteer leaders, and our 3,500 active volunteers. Source water protection projects will engage at least 330 local volunteers. One tenth of them will be highly-trained leaders. The balance will provide the labor source.

In addition to 330 adult volunteers, WRV will engage approximately 180 local underserved youth. For more than seven years, our Youth & Inclusiveness Program has engaged diverse youth people in learning about restoration and watersheds. Participants will emerge with a greater understanding of their place in our communities and watershed, and increased awareness of their own capacity to conserve and steward water resources.

4. If the Contracting Entity is different then the Applicant (Project Sponsor or Owner) please describe the Contracting Entity here.

N/A

5. Successful applicants will have to execute a contract with the CWCB prior to beginning work on the portion of the project funded by the WSRA grant. In order to expedite the contracting process the CWCB has established a standard contract with provisions the applicant must adhere to. A link to this standard contract is included in Appendix 3. Please review this contract and check the appropriate box.

☒ The Applicant will be able to contract with the CWCB using the Standard Contract

Water Supply Reserve Account – Application Form

Revised October 2013

☐ The Applicant has reviewed the standard contract and has some questions/issues/concerns. Please be aware that any deviation from the standard contract could result in a significant delay between grant approval and the funds being available.

6. The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.

N/A

Part II. - Description of the Water Activity/Project

1. What is the primary purpose of this grant application? (Please check only one)

☒ Nonconsumptive (Environmental or Recreational)

☐ Agricultural

☐ Municipal/Industrial

☐ Needs Assessment

☐ Education

☐ Other Explain:

2. If you feel this project addresses multiple purposes please explain.

The purpose of these projects is to protect source water quality and quantity for consumptive uses as well as habitat improvement for fish, birds, and wildlife. These well-rounded projects will accomplish multiple priorities set forth in the South Platte Basin Implementation Plan (BIP) and the Colorado Water Plan (CWP). Underscored project benefits include: protection of water quality for cities, agriculture, and imperiled native species; citizen engagement; improved native habitat for wildlife and ecological services that support Colorado's recreation and tourism economy; and water resources education. The proposal encompasses the restoration of up to five high-priority sites identified by local Watershed Master Plans, which were developed by Watershed Coalitions formed in the aftermath of the 2013 floods. This proposal is aligned with Colorado's Water Values, as described on page 9-43 of the CWP, because it demonstrates a major commitment to collaboration and stakeholder engagement. In partnership with these coalitions, private contractors, government agencies, other local nonprofits, school and youth groups, this work will benefit all downstream users, including City of Longmont and Town of Lyons, whose reservoir is downstream from the target reaches. The projects will also benefit agricultural producers whose supply is fed by these streams; the 75%-80% of area wildlife species which critically depend on riparian habitat; and the citizens and tourists whose experience/quality of life depends on healthy wildlife populations for recreational purposes, and those for whom restoration is a form of recreation itself. The CWP Critical Action Plan, page 10-5, describes the #3 Value reflected in the plan thusly: "Underlying Colorado's natural splendor are populations and communities of fish, birds, amphibians and wetland plants...Our brand requires that we protect and restore Colorado's natural environment with the most effective tools available." Adult and youth volunteers will benefit from educational programming provided through these projects. We request the opportunity for the South Platte Basin Roundtable's

Water Supply Reserve Account – Application Form

Revised October 2013

Education/Outreach employee to join us in person on one or many project dates to engage volunteers about water conservation, management, and other CWP priorities. This addresses Critical Goal H of the CWP: Education, Outreach, and Innovation, to “inform Coloradans about water issues to encourage engagement and innovation in determining Colorado’s water future.”

3. Is this project primarily a study or implementation of a water activity/project? (Please check only one)

☐

Study

☒

Implementation

4. To catalog measurable results achieved with WSRA funds can you provide any of the following numbers?

New Storage Created (acre-feet)

New Annual Water Supplies Developed, Consumptive or Nonconsumptive (acre-feet)

Existing Storage Preserved or Enhanced (acre-feet)

Length of Stream Restored or Protected (linear feet)

Length of Pipe/Canal Built or Improved (linear feet)

Efficiency Savings (acre-feet/year OR dollars/year – **circle one**)

Area of Restored or Preserved Habitat (acres)

Other -- Explain:

5. To help us map WSRA projects please include a map (Exhibit B) and provide the general coordinates below: **NOTE: since there are several sites, a single set of coordinates will not suffice, however this is one example set of coordinates:**

Latitude:

40.2247 N

Longitude:

105.2714 W

6. Please provide an overview/summary of the proposed water activity (no more than one page). Include a description of the overall water activity and specifically what the WSRA funding will be used for. A full **Statement of Work** with a detailed budget and schedule is required as **Exhibit A** of this application.

In September, 2013, South Platte River sub-basins were severely impacted by a 500-year flood event. Today, many reaches are still degraded, prone to future flooding, soil erosion, and weed infestation. Municipal reservoirs experienced severe sedimentation during the flood, and at great cost were later dredged. However, At present, upstream banks continue to erode and contribute to reservoir sedimentation. Also, in the aftermath of the flood, hundreds of thousands of invasive phreatophytes such as tamarisk/salt cedar have established.

The quality of water supporting cities, agriculture, and habitat is dependent upon the landscape integrity through which the water flows. WRV shares the priorities of South Platte Basin Roundtable (SPBRT) and Colorado Water Conservation Board (CWCB), including protection of water supply, water quality, irrigation infrastructure, and

Water Supply Reserve Account – Application Form

Revised October 2013

riparian habitat. We hope CWCB will partner with us for Source Water Restoration projects which will accomplish these priorities on the ground. WRV proposes to work in the Big Thompson, Little Thompson, Left Hand, James Creek, North St. Vrain and/or St. Vrain to control sediment by re-planting native healthy riparian plant communities across 16 acres scoured by the 2013 flood, spanning 2.2 miles of stream. Project objectives include:

1. Improve source water quality by stabilizing channels using cutting-edge, soft-armor techniques.
2. Reduce erosion by revegetating riparian corridors using professionals and volunteer labor & 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 SPBRT.
5. Search and remove invasive phreatophytes from approximately 20 acres.

With support from the WSRA, WRV will coordinate restoration across multiple affected stream reaches within a 12-mile radius, involving multiple community partners and land ownership jurisdictions. Most sites require extensive instream channel reconstruction. Our work will focus on the stabilization and revegetation of the riparian corridor. The result will be 16 acres of riparian/wetland restoration, spanning 2.2 miles of stream, plus 20 acres of invasive phreatophyte removal, primarily tamarisk, which germinated after the flood in lower elevation reaches.

An example of project work is the section of the North St. Vrain Creek on the Button Rock Preserve. WSRA funding on this reach will directly protect the primary municipal water supply for the cities of Longmont and Lyons, by stabilizing stream banks and reducing sediment flow into primary system intakes downstream.

While we have secured a great deal of the necessary funding from a variety of sources, there is a gap. Current funding levels are insufficient to re-plant the riparian corridor and prevent continued erosion and sedimentation of the water supply, especially along the Little Thompson, and above Buttonrock Reservoir.

WSRA will enable a wide range of methods, following restoration industry best management practices. Much of the project area requires extensive instream channel reconstruction. That work has been partially completed and will take place at additional sites in 2017-18. Heavy equipment work (channel re-alignment, grading, soil bed preparation, transport of materials, etc.) will be performed by insured sub-contracted professionals. Instream work will re-establish an appropriate channel profile and cross-section, and include step-pool and riffle-pool-run/glide sequences, and other structures. These will sequester sediment, and yield a deep low-flow channel, which will assist in sediment transport, and provide refuge and spawning areas for fish. Grade control structures and re-connection to the floodplain will increase water storage capacity beneath the adjacent floodplain, supporting better vegetation establishment, and water release during critical low-flow months. This project will also remove and redistribute alluvial deposition in aggraded reaches. These designs combined with re-established riparian vegetation will reduce sediment deposition to downstream reaches, agricultural irrigation infrastructure, and reservoirs.

WSRA funds will be used for native seed, wetland plants, soil amendments (e.g. biosol, humate, inoculant as appropriate to streambed elevation), beaver caging (caging of the plants to prevent beaver depredation), erosion matting and WoodStraw mulch to prevent erosion for volunteers to deploy. Plants will establish roots, stabilize streambanks, provide structure for habitat, and eventually deposit leaf litter to rebuild the soil.

In addition, **thanks to prior funding from CWCB's Invasive Phreatophyte Control Program (IPCP)** has enabled WRV volunteers to pull hundreds of thousands of tamarisk saplings. We are catching up with the extreme germination event that occurred after the flood, but we need to keep ahead of the problem while the new trees are still young, while the cost is an order of magnitude smaller to deal with them. Based on personal correspondence with legislators, we understand no new funding has been planned by the Colorado Legislature for the IPCP in 2017.

Water Supply Reserve Account – Application Form

Revised October 2013

Part III. – Threshold and Evaluation Criteria

1. Describe how the water activity meets these **Threshold Criteria**. (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines.)
 - a) The water activity is consistent with Section 37-75-102 Colorado Revised Statutes.¹

These projects do not affect water rights.

- b) The water activity underwent an evaluation and approval process and was approved by the Basin Roundtable (BRT) and the application includes a description of the results of the BRT's evaluation and approval of the activity. At a minimum, the description must include the level of agreement reached by the roundtable, including any minority opinion(s) if there was not general agreement for the activity. The description must also include reasons why general agreement was not reached (if it was not), including who opposed the activity and why they opposed it. Note- If this information is included in the letter from the roundtable chair simply reference that letter.
 - c) The water activity meets the provisions of Section 37-75-104(2), Colorado Revised Statutes.² The Basin Roundtable Chairs shall include in their approval letters for particular WSRA grant applications a description of how the water activity will assist in meeting the water supply needs identified in the basin roundtable's consumptive and/or non-consumptive needs assessments.

In section S.3, the BIP states that “familiarity with the South Platte’s water issues by regulatory agencies, elected

¹ 37-75-102. Water rights - protections. (1) It is the policy of the General Assembly that the current system of allocating water within Colorado shall not be superseded, abrogated, or otherwise impaired by this article. Nothing in this article shall be interpreted to repeal or in any manner amend the existing water rights adjudication system. The General Assembly affirms the state constitution's recognition of water rights as a private usufructuary property right, and this article is not intended to restrict the ability of the holder of a water right to use or to dispose of that water right in any manner permitted under Colorado law. (2) The General Assembly affirms the protections for contractual and property rights recognized by the contract and takings protections under the state constitution and related statutes. This article shall not be implemented in any way that would diminish, impair, or cause injury to any property or contractual right created by intergovernmental agreements, contracts, stipulations among parties to water cases, terms and conditions in water decrees, or any other similar document related to the allocation or use of water. This article shall not be construed to supersede, abrogate, or cause injury to vested water rights or decreed conditional water rights. The General Assembly affirms that this article does not impair, limit, or otherwise affect the rights of persons or entities to enter into agreements, contracts, or memoranda of understanding with other persons or entities relating to the appropriation, movement, or use of water under other provisions of law.

² 37-75-104 (2)(c). Using data and information from the Statewide Water Supply Initiative and other appropriate sources and in cooperation with the on-going Statewide Water Supply Initiative, develop a basin-wide consumptive and nonconsumptive water supply needs assessment, conduct an analysis of available unappropriated waters within the basin, and propose projects or methods, both structural and nonstructural, for meeting those needs and utilizing those unappropriated waters where appropriate. Basin Roundtables shall actively seek the input and advice of affected local governments, water providers, and other interested stakeholders and persons in establishing its needs assessment, and shall propose projects or methods for meeting those needs. Recommendations from this assessment shall be forwarded to the Interbasin Compact Committee and other basin roundtables for analysis and consideration after the General Assembly has approved the Interbasin Compact Charter.

Water Supply Reserve Account – Application Form

Revised October 2013

officials, the business community and the general public will bolster Colorado’s ability to maintain sustainable water supplies,” and in section S.5.9, “Improving public understanding about the goals, needs, and plans of the state and the South Platte Basin will help to improve public acceptance of the need for innovative water rate structures, energetic conservation measures, and more integrated land use and water supply planning.” WRV’s plan to offer educational talks at each of the volunteer projects will include discussion of these concepts, and even involve the outreach/education employee of the Basin, as available, in giving talks to 480 members of the public. These stakeholders will be especially good listeners and will share this information in their circles, because their time and labor will have gone into helping implement the BIP themselves, so they will have “skin in the game,” so to speak.

In section S.3.3, the South Platte BIP states that “additional projects to address [environmental and recreational] needs should be considered, including environmentally friendly diversion structures, *restoration of habitat and stream channels*, and environmental pools in reservoirs with release timing to benefit the environment” (emphasis mine). WRV’s source water restoration projects are designed specifically to restore habitat and stream channels, and they do so without removing or changing any diversion structures or water rights. Please review the Letter of Support from Larry Rogstad, Area 2 Wildlife Manager, Colorado Parks & Wildlife, for more information.

These streams experienced disturbance on a level that has reverted river valleys to a state of primary succession. The addition of early and mid-seral plant species provides not only the physical habitat structure that fish & wildlife need, it also restarts the soil’s microbial processes, while passively discouraging the establishment of noxious weeds. Both the instream and riparian corridor revegetation components of this project will re-establish the currently missing habitat for a wide variety of native species.

Among the Critical Watershed Health, Environment and Recreation Actions listed on page 10-12 of the Colorado Water Plan, #1 is to “Continue to support and participate in collaborative approaches to prevent listings under the Endangered Species Act. Promote the sustainability of endangered, threatened, and imperiled aquatic- and riparian-dependent species and communities.” This proposal will restore habitat to protect imperiled species. It will enhance trout fisheries by providing more structural diversity, as well as reducing sediment mobilization, and provide critical shade to cool water temperatures. Several other species of native fish have survived in this area despite the proliferation of non-native salmonids:

- **Fathead minnow**, a threatened Colorado native, has been identified by the USFS as maintaining occupancy in the Little Thompson River.
- **Creek chub**, a threatened Colorado native, has been identified by the USFS as maintaining occupancy in the Little Thompson River.
- **Lake chub** are found in the St. Vrain and occasionally other watersheds, and are listed as “sensitive.”
- **Longnose sucker & white sucker** both currently have an unknown occupancy status in Boulder County watersheds.
- **Arapahoe stonefly** is currently a candidate for Endangered Species Act listing. The USFS believes that it may occur throughout Boulder County, although its range was had previously been estimated as smaller. The Arapaho Stonefly is an endemic species in Northern Colorado only.

Benefiting these species’ habitat is helpful in maintaining populations and hopefully preventing Endangered Species Listing, thereby avoiding future permitting issues as delineated in the BIP’s section S.3.5, and in the CWP’s Critical Action Plan F: Watershed Health, Environment, and Recreation (page 10-12).

Water Supply Reserve Account – Application Form

Revised October 2013

In Colorado, 75-80% of all wildlife use riparian areas at some stage of their lives, and more than half of those are considered “riparian obligates.” Riparian corridor re-vegetation will re-establish the currently missing habitat for a wide variety of these species whose dependence on the riparian corridor is crucial to their survival. In addition to providing food and cover, riparian habitat provides a crucial corridor or travel way for a variety of terrestrial wildlife. This project will re-create diverse native riparian plant communities that will benefit multiple mammals including river otter, which is making a comeback in Boulder County, at least 91 species of birds, the fish listed above, and many more.

As the South Platte BIP states in section S.5.5, “focused attention is needed to address threats associated with extensive tree mortality in the basin, increased fire hazards and water quality degradation associated with major recent floods” (emphasis mine). WRV’s source water projects implement the restoration of high-priority sites identified by local Watershed Master Plans, some of which were developed by Watershed Coalitions formed in the aftermath of the 2013 floods.

Future flood resiliency and water quality are import aims of this project, in keeping with Critical Goal I of the CWP. One such example is the portion of the North St. Vrain Creek on the Button Rock Preserve. Our work on this reach will directly protect the primary municipal water supply for the Cities of Longmont and Lyons, by stabilizing stream banks and reducing sediment flow into their primary system intake downstream. Also, in the aftermath of the flood, hundreds of thousands of invasive phreatophytes such as tamarisk/salt cedar have sprouted in certain areas. While tamarisk are not common in the South Platte Basin yet, if these seedlings are allowed to mature, they will be extremely expensive for the local municipalities to control, and they will aggressively displace a diverse native riparian plant community, which is detrimental for wildlife.

- d) Matching Requirement: For requests from the **Statewide Fund**, the applicants will be required to demonstrate a **25 percent** (or greater) match of the total grant request from the other sources, including by not limited to Basin Funds. A minimum match of 5% of the total grant amount shall be from Basin funds. A minimum match of 5% of the total grant amount must come from the applicant or 3rd party sources. Sources of matching funds include but are not limited to Basin Funds, in-kind services, funding from other sources, and/or direct cash match. Past expenditures directly related to the project may be considered as matching funds if the expenditures occurred within 9 months of the date the contract or purchase order between the applicant and the State of Colorado is executed. Please describe the source(s) of matching funds. (NOTE: These matching funds should also be reflected in your Detailed Budget in **Exhibit A** of this application)

WRV is bringing significant match funding to this project: \$408,629 not including this request, from all sources including in-kind and cash contributions. \$62,198 of in-kind is projected from WRV volunteer labor and expertise based on the most recent rate published on independentsector.org; \$63,940 in cash pledged by Arapahoe Roosevelt National Forest; \$1,000 cash pledged by Audubon Rockies; \$2,500 cash received from Lyons Community Foundation; \$16,000 cash pledged by Little Thompson Watershed Coalition; \$4,000 cash pledged by local chapters of Trout Unlimited; \$71,000 cash pledged by the City of Longmont; roughly \$572.85 in-kind transportation for youth pledged each by Boulder Preparatory Academy, Nature Kids/*Jovenes de la Naturaleza*, TEENS, Inc., Youth Services Initiative, including rental of school bus or 15-passenger van; \$11,500 cash pledged by Terra Foundation; \$2,000 cash applied for from National Forest Foundation, earmarked for sites on National Forest lands; \$75,000 in-kind instream work pledged by City of Longmont, federally funded and performed by Ecotone; \$85,000 in-kind instream work pledged by the Little Thompson Watershed Coalition,

Water Supply Reserve Account – Application Form

Revised October 2013

federally funded and performed by EQR; \$4,200 of native seed in-kind pledged by the Arapaho Roosevelt National Forest, and \$8,000 cash awarded by the Invasive Phreatophyte Control Program of Colorado Water Conservation Board for tamarisk and Russian olive removal.

2. For Applications that include a request for funds from the **Statewide Account**, describe how the water activity/project meets all applicable **Evaluation Criteria**. (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines and repeated below.) Projects will be assessed on how well they meet the Evaluation Criteria. **Please attach additional pages as necessary.**

Evaluation Criteria – the following criteria will be utilized to further evaluate the merits of the water activity proposed for funding from the Statewide Account. In evaluation of proposed water activities, preference will be given to projects that meet one or more criteria from each of the three “tiers” or categories. Each “tier” is grouped in level of importance. For instance, projects that meet Tier 1 criteria will outweigh projects that only meet Tier 3 criteria. The applicant should also refer to the Supplemental Scoring Matrix applied to Evaluation Criteria Tiers 1-3 for Statewide Account requests. WSRA grant requests for projects that may qualify for loans through the CWCB loan program will receive preference in the Statewide Evaluation Criteria if the grant request is part of a CWCB loan/WSRA grant package. For these CWCB loan/WSRA grant packages, the applicant must have a CWCB loan/WSRA grant ratio of 1:1 or higher. Preference will be given to those with a higher loan/grant ratio.

Tier 1: Promoting Collaboration/Cooperation and Meeting Water Management Goals and Identified Water Needs

- a. The water activity addresses multiple needs or issues, including consumptive and/or non-consumptive needs, or the needs and issues of multiple interests or multiple basins. This can be demonstrated by obtaining letters of support from other basin roundtables (in addition to an approval letter from the sponsoring basin).

This water activity is co-beneficial by addressing multiple needs and issues, including consumptive and non-consumptive needs. We feel this proposal is in strong concord of the spirit of the Colorado Water Plan because not only is it a multi-purpose project, there are many project partners collaborating, and the location of the sites have been determined from priorities created by the Watershed Coalitions, which were convened for the purpose of community and stakeholder input.

- b. The number and types of entities represented in the application and the degree to which the activity will promote cooperation and collaboration among traditional consumptive water interests and/or non-consumptive interests, and if applicable, the degree to which the water activity is effective in addressing intrabasin or interbasin needs or issues.

Confirmed project partners include both consumptive and non-consumptive water interests: Little Thompson Watershed Coalition, City of Longmont, Arapaho-Roosevelt National Forest, Colorado Water Conservation Board, Audubon Rockies, ERQ, IronWoman Construction, Lyons Community Foundation, National Forest Foundation, Trout Unlimited (two local chapters), Nature Kids/Jovenes de la Naturaleza, TEENS, INC., Youth Services Initiative, and Boulder Preparatory High School. This project involves a great deal of match funding.

Water Supply Reserve Account – Application Form

Revised October 2013

- c. The water activity helps implement projects and processes identified as helping meet Colorado’s future water needs, and/or addresses the gap areas between available water supply and future need as identified in SWSI or a roundtable’s basin-wide water needs assessment.

Tier 2: Facilitating Water Activity Implementation

- d. Funding from this Account will reduce the uncertainty that the water activity will be implemented. For this criterion the applicant should discuss how receiving funding from the Account will make a significant difference in the implementation of the water activity (i.e., how will receiving funding enable the water activity to move forward or the inability obtaining funding elsewhere).

Funding from the federal government is currently flowing into Northern Colorado for flood recovery, four years after the flood. This is great news, and is funding a portion of this work and some of WRV’s partners. However, there is a funding gap. Especially in the case of the Little Thompson Watershed Coalition, and Buttonrock Preserve, the funding available is significantly insufficient to achieve water protection and ecological goals. In order to restore properly functioning streams, WSRA funding is necessary. If WRV does not receive WSRA funding, alternate funding sources will be pursued. Since the projects are currently in motion, it would be unlikely we will find sufficient funding in time to restore these streams and their beneficial functions.

- e. The amount of matching funds provided by the applicant via direct contributions, demonstrable in-kind contributions, and/or other sources demonstrates a significant & appropriate commitment to the project.

Matching funds from WRV and partners for this project exceed 8:1; a very good leverage value for CWCBC funds. This meets a criteria for state resource prioritization listed in the CWP, by implementing conservation best practices, cost-effectiveness, local investment by volunteers, addition of local and federal funding, and because WRV has the financial capability to implement this proposal without taking on any debt (CWP, 9-44).

Tier 3: The Water Activity Addresses Other Issues of Statewide Value and Maximizes Benefits

- f. The water activity helps sustain agriculture & open space, or meets environmental or recreational needs.

This activity helps sustain agriculture and meets environmental and recreational needs, by reducing the sediment load in streams, which helps agricultural infrastructure, trout fisheries, and because missing habitat will be restored for big game species and others that are important to wildlife watching. This fulfills the first item listed as a value of the CWP, “Colorado’s Water Plan values a productive economy that supports...viable and productive agriculture...recreation, and tourism industry” (10-3).

- g. The water activity assists in the administration of compact-entitled waters or addresses problems related to compact entitled waters and compact compliance and the degree to which the activity promotes maximum utilization of state waters.
- h. The water activity assists in the recovery of threatened and endangered wildlife species or Colorado State species of concern.

This proposal will help prevent further decline of Colorado State Species of concern, and a local Threatened species.

- i. The water activity provides a high level of benefit to Colorado in relationship to the amount of funds requested.

Water Supply Reserve Account – Application Form

Revised October 2013

This activity will leverage multiple beneficial purposes and objectives prioritized by the BIP and the CWP. Underscored project benefits include: protection of water quality for cities, agriculture, and imperiled native species; South Platte citizen engagement; improved native habitat for wildlife and ecological services; and, water resources education. Additional tangential benefits: WRV is working with locally headquartered contractors, Colorado underserved school-children, and Colorado volunteers. It is hard to overstate the value this activity will provide to the community, economy, environment, and by leveraging funds from outside the state.

- j. The water activity is complimentary to or assists in the implementation of other CWCB programs.

This activity includes the removal of tens of thousands of tamarisk from twenty acres, which continues crucial post-flood restoration work funded by CWCB's Invasive Phreatophyte Control Program. The Phreatophyte Control Program was funded by the legislature in 2015. Regrettably, WRV's understanding from conversations with legislative assistants is that the Control Program will not be funded again this year. All of these activities are built upon lessons learned and subsequent improved restoration and management techniques by WRV. WRV would also like to thank and acknowledge the CWCB for significant prior stream restoration funding from the Flood-Related Stream Restoration Fund of the Watershed Restoration Program (funded in 2014 by the legislature).

Continued: Explanation of how the water activity/project meets all applicable **Evaluation Criteria**.
Please attach additional pages as necessary.

Part IV. – Required Supporting Material

1. **Water Rights, Availability, and Sustainability** – This information is needed to assess the viability of the water project or activity. Please provide a description of the water supply source to be utilized, or the water body to be affected by, the water activity. This should include a description of applicable water rights, and water rights issues, and the name/location of water bodies affected by the water activity.

N/A

2. Please provide a brief narrative of any related studies or permitting issues.

All necessary permits have been secured.

3. Statement of Work, Detailed Budget, and Project Schedule

The statement of work will form the basis for the contract between the Applicant and the State of Colorado. In short, the Applicant is agreeing to undertake the work for the compensation outlined in the statement of work and budget, and in return, the State of Colorado is receiving the deliverables/products specified. **Please note that costs incurred prior to execution of a contract or purchase order are not subject to reimbursement.** All WSRA funds are disbursed on a reimbursement basis after review invoices and appropriate backup material.

Please provide a detailed statement of work using the template in Exhibit A. Additional sections or modifications may be included as necessary. Please define all acronyms and include page numbers.

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

PAYMENT

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 10 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

The above statements are true to the best of my knowledge:

Signature of Applicant:



Print Applicant's Name: Sarah Egolf-Tarr

Project Title: Community Sub-Basin Post-Flood Source Water Restoration Project

Date: 8/1/2017

Return an electronic version (hardcopy may also be submitted) of this application to:

Craig Godbout – WSRA Application
Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203
303-866-3441, ext. 3210 (office)
303-547-8061 (cell)
craig.godbout@state.co.us