



COLORADO WATER CONSERVATION BOARD



WATER SUPPLY RESERVE ACCOUNT APPLICATION FORM

NORTH FORK OF THE GUNNISON INVASIVE WEED REMOVAL

Name of Water Activity/Project

DELTA CONSERVATION DISTRICT

Name of Applicant

Gunnison Basin
Roundtable

Amount from Statewide Account:

Amount from Basin Account(s):

Total WSRA Funds Requested:

\$20,000

\$20,000

Approving Basin Roundtable(s)

(If multiple basins specify amounts in parentheses.)

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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)

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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>

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:

Greg Johnson – WSRA Application
Colorado Water Conservation Board
1580 Logan Street, Suite 200
Denver, CO 80203
gregory.johnson@state.co.us

If you have questions or need additional assistance, please contact Greg Johnson at: 303-866-3441 x3249 or gregory.johnson@state.co.us.

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

1.	Applicant Name(s):	DELTA CONSERVATION DISTRICT		
	Mailing address:	690 Industrial Blvd Delta, Colorado 81416		
	Taxpayer ID#:			
	Primary Contact:	RALPH D'ALESSANDRO	Position/Title:	Vice President
	Email:	rdinca@yahoo.com		
	Phone Numbers:	Cell: (970) 314-5355	Office:	(970) 874-5726 x121
	Alternate Contact:	Kristie Martin	Position/Title:	Manager
	Email:	kristie.martin@co.nacdnet.net		
	Phone Numbers:	Cell:	Office:	(970) 874-5726 x121

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.

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3. Provide a brief description of your organization

The Delta Conservation District (DCD) is a political subdivision of the State of Colorado and its authorities, powers and structure are contained in Colorado Revised Statutes, Title 35, Article 70. The District, initially known as the Delta Soil Conservation District, was organized in 1951 in compliance with the Colorado Revised Statutes and received a certificate of organization from the Colorado Secretary of State. The DCD has Weed Control and Management as one of its Natural Resource Goals and Objectives in its 2011-2013 Long Range Plan. In 2011 the DCD partnered with Delta County, through its weed coordinator, and the NFRIA-WSERC Conservation Center (NWCC) to conduct an invasive weed survey and removal project on approximately 2 miles of riparian land in two contiguous conservation easements (The Curry Easements) in the area of a former in-stream gravel mine. The DCD's 2012 Annual Plan of Work continues to address noxious weeds in multiple ways, including seeking funding to utilize for weed control and to support the county weed control program. The funding sought for this project is one part of the DCD's Annual Plan of Work. The removal of invasive Tamarisk and Russian Olive along riparian areas are of especial importance in controlling invasive weeds because of the spread of seeds by river transport along the entire North Fork River corridor and this project will complete its earlier work.

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

☐ 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.

There are no relevant TABOR issues.

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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.

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:

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4. To help us map WSRA projects please include a map (Exhibit B) and provide the general coordinates below:

Latitude: N 38° 52' 29"

Longitude: W 107° 35' 45"

5. 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.

The project is located within environmental segment 6 on the North Fork of the Gunnison River above the Town of Paonia and below the Paonia Dam. Phase I is focused on an approximately 19 acres above the Minnesota Creek along both sides of the North Fork of the Gunnison to survey and identify Tamarisk and other invasive species. The 19 acre area is part of the Paonia River Park and is land donated by the United Companies to NFRIA, NWCC's predecessor, in 2003 from a former in-stream gravel mine. The DCD will partner with NWCC on the project. Phase I involves 3 tasks.

The initial Phase I task will complete an area survey of Tamarisk and invasive weeds. Our team will conduct a survey of invasive weeds in the project area using volunteers to record species, density and size.

The second task will employ the Western Colorado Conservation Corps (WCCC) to do mechanical eradication of Tamarisk and Russian Olive trees including herbicide application with assistance from the Delta County Weed Coordinator. WCCC will chip the slash. Native revegetation will be accomplished with volunteers

The final Phase I task will be completed in Year 2. Our team will remove and/or treat invasive regrowth.

Phase II will start in Year 2 and extend the project area north of the River Park by addressing the invasives species on private land. The initial task of Phase II will be to define property ownership and meet with the landowners. The proposed project envisions no cost to participating landowners. There are two specific indications of the high probability that landowners will participate in the project. First direct communication with the Delta County Weed Coordinator indicated that landowners are amenable to removal of invasive species if done at no cost to the landowners. Secondly during a recent project sponsored by Painted Sky RC&D to introduce Tamarisk beetles to kill Tamarisk on private land, more landowners expressed interest than there were beetles available.

Our team will use the work success of Phase I as an educational tool to inform the landowners about the project. Upon obtaining landowner permission, a survey of the land will initially identify species, density and size by location. The survey will size the project area north of the River Park. Our team will leverage the success of Phases I and II by seeking separate grant funding to continue the project. Mechanical eradication and herbicide application will be employed utilizing a WCCC team.

Additional funding is being sought through the submission of grant applications to the Colorado River Water Conservation District and the Colorado State Weed Coordinator's Weed Management Fund. Volunteer participation by the NWCC and DCD and project management will complete the matching funding. Separate future grant funding will seek to extend the project to the Paonia Dam and downstream toward the Confluence with the Gunnison River.

Part III. – Threshold and Evaluation Criteria

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1. Describe how the water activity meets these **Threshold Criteria**. (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines.)

The proposed project, “North Fork of the Gunnison Invasive Weed Removal,” meets the criteria established in Senate Bill 06-179, as an Eligible Water Activity. The project proposed consists of two Phases. Phase I will complete all the tasks required to remove Tamarisk and invasive weeds within a 19 acre area, remove and/or treat invasive regrowth in the second year, and complete native revegetation. Phase II will extend the project area north of the River Park to the Paonia Reservoir Dam by completing a survey identifying the invasive species, density and size on the river bank. The survey results will size the project area north of the River Park.

- a) The water activity is consistent with Section 37-75-102 Colorado Revised Statutes.¹

The proposed project will proceed from the foundational principle that the water rights of any landowner or irrigation company will not in any way be superseded, abrogated, or otherwise impaired by invasive removal efforts of this project.

- 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 BRTs 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.

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.

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- 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.

The project will include the removal of invasive weeds and have no impact on any water rights, while increase the public's nonconsumptive use of the river corridor. Therefore, the project meets Section 37-75-104(2) C.R.S..

- d) Matching Requirement: For requests from the Statewide Fund, the applicants is required to demonstrate a **20 percent** (or greater) match of the request from the Statewide Account. Statewide requests must also include a minimum match of **5 percent** of the total grant amount from Basin Funds. 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 application was submitted to the CWCB. 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)

N/A – Requesting funds from Basin Account

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.

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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.**

N/A – Requesting funds from Basin Account

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. 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).
- 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.
- 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).
- 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.

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.
- 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.

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- i. The water activity provides a high level of benefit to Colorado in relationship to the amount of funds requested.
- j. The water activity is complimentary to or assists in the implementation of other CWCB programs.

Continued: Explanation of how the water activity/project meets all applicable **Evaluation Criteria**.

Please attach additional pages as necessary.

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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 – Nonconsumptive use project.

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

N/A

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 5 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.

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

Signature of Applicant:

Print Applicant's Name: RALPH D'ALESSANDRO

Project Title: North Fork of the Gunnison Invasive Weed Removal

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

Greg Johnson – WSRA Application
Colorado Water Conservation Board
1580 Logan Street, Suite 200
Denver, CO 80203
gregory.johnson@state.co.us

Exhibit A
Statement of Work

WATER ACTIVITY NAME - North Fork of the Gunnison Invasive Weed Removal

GRANT RECIPIENT – DELTA CONSERVATION DISTRICT (DCD)

FUNDING SOURCE - Water Supply Reserve Account – Basin Account

INTRODUCTION

The project is located within environmental segment 6 on the North Fork of the Gunnison River above the Town of Paonia and below the Paonia Dam. Phase I of the project will include inventory by an on the ground survey of Tamarisk and Russian Olive along and on both sides of an approximate 19 acre stretch of land on the North Fork of the Gunnison River above the Town of Paonia. Following the survey, removal of the Tamarisk and Russian Olive will be accomplished with work crews employing mechanical eradication and herbicidal treatment. Disposal of slash will be done by appropriate means, including chipping. Revegetation with native species will follow where native vegetation is not present. Retreatment of the project area will be conducted in the following year. Phase II will extend the project area north of the River Park to the Paonia Reservoir Dam by completing a survey identifying the invasive species, density and size along the river bank. Our team will use the work success of Phase I as an educational tool to inform the landowners about the project. The survey results will size the project area north of the River Park.

BACKGROUND

Problem and Urgency to Solve – Tamarisk and Russian olive are spreading rapidly in the North Fork of the Gunnison River corridor. Controlling the woody invasives at the upstream segment of the river will reduce their spread further downstream. Both tamarisk and Russian olive drive changes to the riparian environment. Sediment dynamics have been shown to especially be driven by tamarisk. Removal of tamarisk and Russian olive permit native species to increase. Revegetation in areas where woody invasives are removed prevents the incursion of other invasive species, such as Russian knapweed.

A major benefit from the eradication of Tamarisk and other invasives during Phases I and II, beyond that to the specific land parcels addressed, will be the reduction of the downstream flow of invasive seeds that cause further infestation of these invasive species in the river corridor.

The DCD believes that controlling invasive weeds and restoring native riparian vegetation will have a multitude of benefits for local and regional land stewardship efforts. Improving riparian areas will restore critical wildlife habitat for State and Federally Listed Threatened, Endangered and Species of Concern. Re-establishing native plant communities will stabilize key stretches of the river that have been disturbed by in-stream gravel mining and other activities. Stabilizing key reaches of the river will improve in-stream habitat by encouraging natural, meandering patterns in the river and will reduce sediment loading into a turbid river, which will improve water quality.

Public Involvement – Prior to initiation of each phase, the public will be informed about the project via press releases to the Delta County Independent, North Fork Merchant Herald, KVNF (the local

community radio station), NWCC membership. The announcements will also include a call for volunteers.

Project supporters – NFRIA-WSERC Conservation Center (NWCC), Delta County Weed Coordinator, Western Colorado Conservation Corps, Colorado Canyons Association, Tamarisk Coalition, The Nature Conservancy, Town of Paonia

OBJECTIVES

The project objectives include:

- Completing the survey and removal of invasive weeds on the 19 acre parcel at the Paonia River Park
- Developing an educational tool to present to the local landowners at the completion of Phase I
- Completing a landowner and invasive weed survey of the North Fork of the Gunnison River from the Paonia Reservoir to the town of Paonia.
- Define the need, the required effort and the size the invasive removal project between Paonia and the Paonia Reservoir.

PHASE I

Phase I is focused on an approximately 19 acres above the Minnesota Creek along both sides of the North Fork of the Gunnison to survey and identify Tamarisk and other invasive species. The 19 acre area is part of the Paonia River Park and is land donated by the United Companies to NFRIA, NWCC's predecessor, in 2003 from a former in-stream gravel mine. The DCD will partner with NWCC on the project. Phase I involves 3 tasks.

TASK 1 – Survey of Invasive Weeds on 19 Acres

Description of Task

The Survey Task will complete an area survey of Tamarisk and invasive weeds.

Method/Procedure

Our team will conduct a survey of invasive weeds in the project area using volunteers to record species, density and size.

Deliverable

A detailed report of number of invasive species, density, and location will be compiled.

TASK 2 – Mechanical Removal of Invasive Weeds

Description of Task

The focus of Task 2 is the removal of the invasive weeds and native revegetation.

Method/Procedure

Western Colorado Conservation Corps (WCCC) will be subcontracted to complete mechanical eradication of Tamarisk and Russian Olive trees including herbicide application with assistance from the Delta County Weed Coordinator. WCCC will chip the slash.

As required, native revegetation will be accomplished with DCD volunteers.

Deliverable

A complete report on the activities completed to remove the invasive weeds, including picture coverage for before, during, and after, will be delivered. Lessons learned will be compiled to aid similar projects in the future.

TASK 3 – Regrowth Removal

Description of Task

Tasks will focus on removing regrowth of the invasive weeds and will be completed in Year 2.

Method/Procedure

Our team will use small tools for removal and herbicide application as required to treat invasive regrowth that occurs.

Deliverable

A complete report on the activities completed to remove the invasive weeds regrowth, including picture coverage for before, during, and after, will be delivered. Lessons learned will be compiled to aid similar projects in the future.

PHASE II

Phase II will start in Year 2 and extend the project area north of the River Park by addressing the invasives species on private land. The proposed project envisions no direct cost to participating landowners. There are two specific indications of the high probability that landowners will participate in the project. First direct communication with the Delta County Weed Coordinator indicated that landowners are amenable to removal of invasive species if done at no cost to the landowners. Secondly during a recent project sponsored by Painted Sky RC&D to introduce Tamarisk beetles to kill Tamarisk on private land, more landowners expressed interest than there were beetles available.

The survey results will define the need, the required effort and the size the invasive removal project between Paonia and the Paonia Reservoir. Our team will leverage the success of Phases I and II to seeking separate grant funding to continue the project.

TASK 1 – Property Location and Ownership

Description of Task

Task 1 will define property ownership, meet with the landowners, and obtain permission to complete the survey required in Task 2.

Method/Procedure

Our team will use the Delta and Gunnison Counties landowner GIS data to define the location and ownership for the river corridor. Our team will then use the success of Phase I as an educational tool to inform the landowners about the project.

Deliverable

A complete report on the activities completed to utilize county GIS data will be delivered. The developed educational tool and results from all the meetings will also be included in the report. Lessons learned will be compiled to aid similar projects in the future.

TASK 2 – North Fork Invasive Survey

Description of Task

Upon obtaining landowner permission, a survey of the land will initially identify species, density and size by location.

Method/Procedure

Our team will contact all landowners identified and set up meetings. We anticipate both community and individual landowner meetings. We would cover the general issues on the project at the community meetings and then anticipate individual landowner meetings to discuss specific details for each landowner.

Deliverable

A complete report on the river corridor, including picture coverage, will be delivered. Lessons learned will be compiled to aid similar projects in the future.

REPORTING AND FINAL DELIVERABLE

DCD shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. Our progress reports 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. All deliverables defined for the tasks will be delivered in the progress reports.

At completion of the project, DCD shall provide the CWCB a final report that summarizes the project and documents how the project was completed. Our report may contain photographs, summaries of meetings, engineering reports/designs, and deliverables defined for each task.

BUDGET

The total project funds are given in the Grant Request Table.

Grant Request Table			
Total Project Cost	\$60,000	Status	Funding Work Area
Gunnison Basin RoundTable	\$20,000	Proposal Submitted	Mechanical Eradication and Herbicide Application by Work Crew, Native Species Revegetation and Private Landowner Survey by Volunteers
List Funding Sources			
Colorado River District	\$15,000	Proposal Submitted	Mechanical Eradication and Herbicide Application by Work Crew
Colorado State Weed Management Fund	\$15,000	Proposal Underway	Mechanical Eradication, Herbicide Application and Regrowth Treatment
Delta Conservation District and NWCC	\$10,000	In Kind	Area survey of Invasive Weeds and Native Species Revegetation

A total project budget by task is given below.

Total Costs				
	Labor	Other Direct Costs	In-Kind Contributions	Total Project Costs
Phase I				
Task 1 – Survey of Invasive Weeds on 19 Acres	\$500		\$1,000	\$1,500
Task 2 – Mechanical Removal of Invasive Weeds	\$1,000	\$44,900		\$45,900
Task 3 – Regrowth Removal	\$500	\$2,000	\$2,000	\$4,500
Phase II				
Task 1 – Property Location and Ownership	\$500		\$3,000	\$3,500
Task 2 – North Fork Invasive Survey	\$500	\$100	\$4,000	\$4,600
Total Costs:	\$3,000	\$47,000	\$10,000	\$60,000

Phase I, Task 2 ODC

- WCCC Sawyer/Herbicide Crew – 5 weeks @ \$7,000 per week = \$35,000
- WCCC Chipper – 16 hours @ \$40 per hour plus \$200 transportation cost = \$ 840
- Herbicide (Garlon 4 or Element 4), methylated seed oil supplies, sprayers, masks, wipes, and safety supplies \$9,000
- Survey materials – \$60

Phase I, Task 3 ODC

- Herbicide (Garlon 4 or Element 4), methylated seed oil supplies, sprayers, masks, wipes, and safety supplies \$2,000

Phase II, Task 2 ODC

- Survey materials – \$100

In-Kind Contribution is 1000 volunteer labor hours valued at \$10.00 per hour.

Labor is project management and administration estimated at 1500 hours valued at \$20.00 per hour.

A GBRT total project cost by task is given below.

GBRT Costs				Matching Funds	Total Project Costs
	Labor	Other Direct Costs	GBRT Costs		
Phase I					
Task 1 – Survey of Invasive Weeds on 19 Acres	\$200		\$200	\$1,300	\$1,500
Task 2 – Mechanical Removal of Invasive Weeds	\$400	\$17,960	\$18,360	\$27,540	\$45,900
Task 3 – Regrowth Removal	\$200	\$800	\$1,000	\$3,500	\$4,500
Phase II					
Task 1 – Property Location and Ownership	\$200		\$200	\$3,300	\$3,500
Task 2 – North Fork Invasive Survey	\$200	\$40	\$240	\$4,360	\$4,600
Total Costs:	\$1,200	\$18,800	\$20,000	\$40,000	\$60,000

GBRT ODC = 40% of total project ODC by task.

GBRT Labor = 40% of total project Labor by task.

SCHEDULE

The following table provides a project schedule including key milestones for each task and the completion dates.

	Start Date	Finish Date
Phase I	9/1/2012	12/31/2013
Task 1	9/1/2012	9/30/2012
Task 2	10/1/2012	12/31/2012
Task 3	5/1/2013	12/31/2013
Phase II	1/1/2013	
Task 1	1/1/2013	8/31/2013
Task 2	9/1/2013	12/31/2013

PAYMENT

DCD will request payment based on actual expenditures and invoice accordingly to CWCB. The request for payment will 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. DCD understands that the last 5 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 will 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.

Insurance Requirements

DCD will meet all insurance requirements taken from the standard contract apply to WSRA projects that exceed \$25,000 in accordance with the policies of the State Controller's Office. Proof of insurance as stated below will be provided upon notification of intent to award this grant.

W-9 Form

DCD will provide a completed W-9 form prior execution of a contract or purchase order.