

# Exhibit A

Statement Of Work	
Prepared Date:	11/30/2023
Name of Grantee:	Groundwork Denver
Name of Water Project:	Riparian Restoration and Monitoring in Lower Bear Creek
Water Project Overview:	
<p>Groundwork Denver (GWD) will utilize Water Plan Grant funding to engage youth and community members in volunteer events focused on repairing the structure and function of the riparian ecosystem along an eight-mile stretch of Lower Bear Creek used as a pedestrian trail. The goal of this effort is to restore the creek's natural resilience and preserve its function for both humans and the environment.</p> <p>GWD will also conduct monitoring twice per month for the period of the project using staff, youth, and volunteers to assess the project's impact on ecosystem health, including water quality and streambank stability. GWD will follow its water sampling Quality Assurance Project Plan (QAPP) developed with the U.S. Environmental Protection Agency (EPA). Water samples will be analyzed by an external laboratory following the Standard Method 9221 A, B, C, and F. Data will be reported on a 6-month basis to the EPA WQX Water Quality Database.</p> <p>GWD will implement best management approaches identified in the stakeholder-led Lower Bear Creek Watershed Plan, monitor impacts of project implementation and engage diverse stakeholders, including local partners and disproportionately impacted communities, in project planning and implementation. Project partners, including South Suburban Parks and Recreation, Denver Parks and Recreation, the City of Sheridan, and Colorado River Watch, will ensure the project's technical feasibility, while watershed residents will receive education about watershed health and engage in both planning and implementing riparian restoration projects.</p> <p>The prioritized eight-mile reach lacks a sufficient natural buffer to remain resilient to storm events and land use impacts, reducing equitable recreation opportunities. Removing debris and invasive plants, reinforcing buffers in the riparian areas, and re-planting native species will support habitat re-development, improve the creek's resilience, and increase recreation opportunities for local residents.</p>	
Project Objectives:	
<ul style="list-style-type: none"><li>• Restore, protect, and enhance the ecological processes of the riverine environment in Lower Bear Creek by restoring riparian habitats and reinforcing stream banks, leveraging best practices and methodologies identified in the stakeholder-led Lower Bear Creek Watershed Plan.</li><li>• Engage community, including collaborating partners within the watershed, youth, and historically excluded members of disproportionately impacted communities to ensure the inclusion of diverse interests in planning and implementing the project.</li><li>• Increase the accessibility and safety of recreational sites for both humans and the environment.</li><li>• Engage in ongoing water quality monitoring to assess the project's impact on water quality, streambank stability, and identify sources of pollution.</li></ul>	

Tasks	
<b>Task 1-Planning Riparian Restoration Efforts</b>	
Description of Task	
GWD will engage local project partners, including South Suburban Parks and Recreation, Denver Parks and Recreation, the City of Sheridan, and Colorado River Watch to create plans for, and support the implementation of, riparian restoration efforts.	
Method/Procedure:	
<p>GWD will engage South Suburban Parks and Recreation and Denver Parks and Recreation to create a strategic plan for riparian restoration along Bear Creek and facilitate strong partner engagement in community education and implementation of restoration projects. GWD will continue to collect samples monthly through Colorado River Watch program and ongoing water quality monitoring work, to identify prioritized areas and project activities, including types of species to remove and re-plant, identifying stormwater outlet and inlet quality, and other efforts to facilitate restoration. Data collected over the past 10 years through Groundwork Denver and the QAPP developed with the EPA will be used to create the sampling plan. Data collected will include metals, nutrients, macroinvertebrates, alkalinity, and hardness.</p> <p>GWD will share project results at stakeholder meetings, including the South Platte River Urban Watershed Partnership meeting, to ensure ongoing engagement and disseminate successes and challenges to inform future projects.</p>	
Deliverable:	
Four partners engaged; restoration areas identified; plan for implementation created through a collaborative process. GWD will provide a map of priority areas and associated implementation plans to CWCB.	

Tasks	
<b>Task 2 –Riparian Restoration Events</b>	
Description of Task:	
<p>Task 2A: Trash Removal: GWD will engage youth and community volunteers to support the removal of trash within the riparian area. The goal of this effort will be the restoration and protection of the riparian area along an eight-mile stretch of Lower Bear Creek while improving the safety and accessibility of recreation sites within it. Amount of trash (pounds) and volunteers engaged will be recorded.</p> <p>Task 2B: Invasives Removal: GWD will engage youth and community volunteers to support the removal of invasives, facilitate re-planting of native species, and complete other activities identified through the collaborative planning process. The goal of this effort will be the restoration and protection of the riparian area along an eight-mile stretch of Lower Bear Creek while improving the safety and accessibility of recreation sites within it.</p>	

Method/Procedure:
<p>Task 2A: Trash Removal: GWD will engage youth and community volunteers in volunteer events focused on removing trash from the riparian area. Trash removal will be paid for with matching funds. Community volunteers will receive education on the importance of removing trash and invasives, with a specific focus on improving habitats through this effort. GWD will document the type of trash collected to identify potential common sources or opportunity for education around littering and proper disposal using the U.S. EPA Escaped Trash Assessment Protocol, April 2021.</p> <p>Task 2B: Invasives Removal: GWD will engage youth and community volunteers in volunteer events focused on removing invasive species and replanting native species. GWD will seek guidance from South Suburban Parks and Recreation and Denver Parks and Recreation in a collaborative planning process on which species to remove and to replant. Invasive species to be removed include but are not limited to Poisonous Hemlock, Burdock, Diffuse Knapweed, Cut Leaf Teasel and Common Teasel, Leafy Spurge, Russian Olive, and Houndstongue. Native species replanting will be identified through the collaborative planning process. Community volunteers will receive education on the importance of removing invasives, with a specific focus on improving habitats through this effort. GWD staff will develop and coordinate the volunteer events, provide education to community volunteers during the event, and purchase seeds and plantings for events. As landowners and key stakeholders, South Suburban Parks and Recreation (SSPR) and Denver Parks and Recreation (DPR) will serve as advisors in identifying ideal species and areas of concern.</p>
Deliverables:
GWD will report the number of youth and community members engaged, number of volunteer events held, and number of pounds of trash collected. GWD will share a map of areas where trash was removed and share information on the type of trash collected and potential sources and solutions. GWD will also share a summary of treated areas where invasives were removed and native species were planted. This summary will include a map of treated areas, a list of species removed, qualities of material removed and methodology utilized for removal. Finally, this summary will include a list and qualities of native species planted.

Tasks
<b>Task 3-Water Quality Monitoring</b>
Description of Task:
Monitor surface water in prioritized area twice per month throughout the period of the project using staff, youth, and volunteers, with a priority of sampling following storm events, to identify pollution sources and evaluate whether on-the-ground projects are impacting water quality and streambank stability.
Method/Procedure:
GWD will conduct water quality monitoring and testing twice per month throughout the project period, focusing on E. coli testing; collecting water quality variables including pH, turbidity, specific conductivity, relative dissolved oxygen, and oxidative-reduction potential; and collecting stream condition variables including bank stability and vegetation surveys using Colorado River Watch survey methodology.

Monitoring will focus on evaluating the efficacy of project activities in restoring and protecting riparian health. GWD will also conduct Colorado River Watch sampling at Bear Creek Park in Sheridan once per month to collect data on the presence of metals, nutrients, and macroinvertebrates. Colorado River Watch sampling is provided in-kind and data is publicly available through the River Watch database.

**Deliverables:**

The results of water quality monitoring from at least 24 water sampling events. GWD will share a map of sampling locations and the results of these monitoring events with CWCB. GWD will also share a summary of these data with CWCB that includes an evaluation of the efficacy of restoration efforts and proposed future steps.

## Budget and Schedule

This Budget and Schedule reflects the tasks identified in the Statement of Work.



**COLORADO**  
Colorado Water  
Conservation Board  
Department of Natural Resources

### Colorado Water Conservation Board

#### Water Plan Grant

#### Budget and Schedule

**Prepared Date:** Dec 12, 2023

**Name of Applicant:** Groundwork Denver

**Name of Water Project:** Riparian Restoration and Monitoring in Lower Bear Creek

Task No.	Task Description	Estimated Task Start Date	Estimated Task End Date	Grant Funding	Match Funding	Total
1	Planning Riparian Restoration Efforts	7/19/2024	7/19/2029	\$ 16,404.96	\$ -	\$ 16,404.96
2	Riparian Restoration Events	7/19/2024	7/19/2029	\$ 39,441.00	\$ 60,592.60	\$ 100,033.60
3	Water Quality Monitoring	7/19/2024	7/19/2029	\$ 37,742.00	\$ 40,119.88	\$ 77,861.88
				<b>Total</b>	\$ 93,587.96	\$ 100,712.48
						\$ 194,300.44

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## Reporting Requirements

**Progress Reports:** The grantee shall provide the CWCB a progress report every six months, beginning from the date of issuance of the grant agreement. The progress report shall describe the status 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 Report:** At completion of the project, the applicant shall provide the CWCB a final report on the applicant's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.
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The CWCB will pay out the last 10% of the budget when the final report is completed to the satisfaction of CWCB staff. Once the final report has been accepted, and final payment has been issued, the grant agreement will be closed without any further payment.

## Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

Costs incurred prior to the effective date of this grant agreement are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of the grant agreement must be provided to the CWCB as part of the project documentation.

## Performance Measures

Performance measures for the grant agreement shall include the following:

(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget. Per grant guidelines, the CWCB will pay out the last 10% of the budget when the final report is completed to the satisfaction of CWCB staff. Once the final report has been accepted, and final payment has been issued, the grant agreement will be closed without any further payment.

(b) Accountability: Per grant guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per Grant Guidelines, progress reports must be submitted at least once every 6 months. A final report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each progress report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the grant agreement.