

# Exhibit A

Statement Of Work	
Prepared Date:	June 28,2023
Name of Grantee:	Boulder Watershed Collective
Name of Water Project:	Boulder Creek Engagement & Innovation Project
<b>Water Project Overview:</b>	
<p>This project is aimed at expanding local capacity and scaling climate informed solutions to regional challenges. Regional challenges include drought and wildfire and associated impacts including soil degradation and erosion. This project looks at innovative solutions to improve soil health and carbon sequestration, reduce erosion, and increase the absorptive capacity of soil to improve hydrological conditions in forested and agricultural areas. To accomplish these solutions engagement activities will focus on small, local non-profits and community organizations. Building capacity within local organizations is a key component of scaling regional climate solutions.</p> <p>This project will focus on three district tasks. 1) building relationships and capacity with small, local organizations, 2) developing and implementing a Meadow Restoration Program to build climate resilience in the upper watershed, and 3) conducting long-term monitoring of a woodchip/mycelium inoculation project to add tools for addressing biomass issues from wildfire mitigation projects while also building soil fertility and water holding capacity.</p>	
<b>Project Objectives:</b>	
<ol style="list-style-type: none"><li>1. Build capacity within communities to scale climate informed solutions to local issues.</li><li>2. Increase awareness of water, soil and carbon to build community support for innovative solutions.</li><li>3. Develop innovative solutions to slow water as it moves across the landscape.</li><li>4. Provide data to support the use of fungi and mycelium as a tool for wildfire mitigation and biomass utilization issues.</li><li>5. Improve carbon sequestration and water cycling through ecosystem restoration.</li></ol>	

Tasks
<b>Task 1 – Engagement</b>
Description of Task:
<p>This task builds off our current CWCB Resilient Headwaters Planning grant and the stakeholder development which is currently underway within that grant. The Resilient Headwaters Planning grant focuses engagement efforts on governmental agencies and private landowners. The Grantee currently has strong relationships with local, state and federal agencies, including contracts for shared work and, in some cases, funding. The Grantee has over 600 acres of funded forest restoration/wildfire mitigation projects on private land with over 80 homeowners participating. Through this process, and as governmental funding and capacity has increased, one of the remaining barriers to scaling this work is community capacity. Without increasing local capacity, communities are unable to access and use available resources and unable to leverage their own strengths, like their networks within and across communities.</p>

This task aims to specifically engage and work to build capacity within small, local non-profits and community agencies, of which there are many within the Boulder Creek watershed (Saws & Slaws, Blue Mountain Forest Stewardship Initiative, Gold Hill Mountain Stewards, Magnolia Forest Group, Boulder Mushroom, Grama Grass and Livestock and numerous urban agencies). These groups are often volunteer, highly connected with their communities and very proactive about creating community participation in wildfire resilience activities and other climate solutions. These organizations often lack capacity to fully engage in planning and implementation processes and are unable to access resources and funding due to their reduced capacity. This can become an equity issue when areas with organizational capacity continually access resources while areas without capacity remain stagnant.

The Grantee feels strongly that there is a great opportunity to scale up local work, by investing time and energy in capacity building with local organizations. This will match the momentum at state and federal levels and increase ecosystem restoration potential and adoption of innovative practices on private lands.

**Method/Procedure:**

1. Build relationships through attending existing organizational meetings and events of other organizations.
2. Function as a liaison between local organizations and agency partners as appropriate.
3. Facilitate collaborative processes like the Coal Creek Canyon Collaborative (C4), a quarterly meeting of local non-profits and agency partners for wildfire planning.
4. Ensure local organizations are aware of and can access funding resources.
5. Assist with grant writing and provide other support as required for local organizations to access resources.

**Deliverable:**

The Grantee will provide CWCB Staff with:

1. A list of local organizations, their roles, and partnership opportunities.
2. A summary of information collected on how organizations are increasing capacity (organizational structure refinement, staffing, grants acquired, etc.).
3. A summary that identifies existing barriers, gaps, and potential solutions.

## Tasks

### **Task 2 – Meadow Restoration Program Development and Implementation**

**Description of Task:**

This task will build off of the Sediment Source and Storage for Disaster Planning and associated meadow prioritization, Assessment Protocol and Restoration Types Scorecard as guidelines for further program development. The task will leverage current efforts to build a Meadow Restoration program within The Grantee's Watershed Restoration program area which specifically focuses on identifying, assessing, prioritizing meadows for restoration and then working with landowners and consultants to design and implement restoration projects.

This task builds off multiple years of planning at individual sites (Tolland Ranch, Arapaho Ranch, etc.) and will develop a foundational approach for moving from planning to implementation (see google link above). This task pulls together these disparate efforts into a program so that work can be streamlined and scaled. The Grantee has developed a new Watershed Program Specialist position within their organization. This position will be responsible for the development and implementation of the Meadow Restoration Program.

Current meadow restoration implementation activities include advancing existing projects at initial phases of design at Tolland Ranch, Arapaho Ranch and Caribou Ranch. These three ranches are privately owned,

collectively over 5,000 acres, and have landowners willing to pursue meadow restoration projects. These are only initial projects, and the goal is to identify, assess and develop restoration design at more sites.
Method/Procedure:
<ol style="list-style-type: none"> <li>1. Use previously developed documents as guidance for further program development.</li> <li>2. Assess prioritized meadows and identify areas for restoration.</li> <li>3. Identify funding sources for design &amp; implementation.</li> <li>4. Procure and manage projects.</li> <li>5. Work with landowners throughout the process.</li> <li>6. Monitor results.</li> </ol>
Deliverable:
<p>The Grantee will provide CWCB Staff with:</p> <ol style="list-style-type: none"> <li>1. A summary of meadow assessments from sites throughout the watershed.</li> <li>2. Restoration design documents for a minimum of four meadow sites.</li> <li>3. Photos and documentation of restoration for a minimum of four meadow sites.</li> </ol>

Tasks
<b>Task 3 – Monitoring</b>
Description of Task:
<p>This task is one component of a larger <i>Peaks to Prairie</i> project to transform wood chip “waste” from fire mitigation projects into productive compost for agricultural lands by fungal inoculation. The Grantee, Boulder Mushroom and Grama Grass and Livestock received a Boulder County Climate Innovation Fund grant to initiate the project. That funding has allowed over 15 acres of wood chips to be hauled to a denuded agricultural property owned by city of Boulder Open Space and Mountain Parks. Large quantities of fungal inoculant are being produced by Boulder Mushroom and will be applied to the wood chips. Once the wood chips have been partially decomposed (on their way to becoming compost), they will be spread across the agricultural property. The goals of the project are to address the challenging biomass issue associated with wildfire mitigation, improve soil fertility and water cycling on prairie grasslands and agricultural properties and build the opportunity for a local circular economy where forest biomass can be used to support food production.</p> <p>The Climate Innovation Fund has provided funding to initiate the project, but monitoring and data collection must occur over multiple years to understand changes in soil composition, water cycling and carbon sequestration potential.</p> <p>The Grantee has hired a consultant, with carbon accounting experience, to monitor for year one. The Grantee will extend the consultant’s contract to collect on-site and remote sensing data and provide analysis for years two and three through 2026.</p> <p>The consultant will monitor over 20 indicators and provide quantitative analysis relative to the ecoregion. They will look at nutrient and water cycling, plant community resilience, land conditions &amp; trends, soil carbon and water infiltration, soil carbon stocks and other indicators. They will monitor at eight sites on the agricultural property and two sites at a forestry project in the mountains. Each site will include a control plot, inoculated chips and inoculant chips with bale grazing at the agricultural property.</p> <p>Monitoring data will allow the Grantee’s project team to communicate results with a broad array of partners who could benefit from future work with the goal of scaling up this type of project/partnership.</p>

Method/Procedure:
<ol style="list-style-type: none"> <li>1. Update contract with the consultant to extend through 2026 (additional 2 years of monitoring).</li> <li>2. Facilitate monitoring events between the Consultant and city of Boulder (property owner).</li> <li>3. Extend permits with city of Boulder as needed.</li> </ol>
Deliverable:
The Grantee will provide CWCB with an analysis and regenerative report for 3 years of monitoring.

Budget and Schedule						
This Budget and Schedule reflects the tasks identified in the Statement of Work.						
Task No.	Task Description	Estimated Task Start Date	Estimated Task End Date	Grant Funding	Match Funding	Total
1	Engagement	11/30/2023	5/31/2025	\$60,000.00	\$60,000.00	\$120,000.00
2	Meadow Restoration Program	11/30/2023	5/31/2025	\$80,000.00	\$80,000.00	\$160,000.00
3	Monitoring	6/30/2025	12/31/2026	\$58,600.00	\$58,600.00	\$117,200.00
Total				\$198,600.00	\$198,600.00	\$397,200.00

Reporting Requirements
<p><b>Progress Reports:</b> 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.</p>
<p><b>Final Report:</b> At completion of the project, the applicant shall provide the CWCB a final report on the applicant's letterhead that:</p> <ul style="list-style-type: none"> <li>• Summarizes the project and how the project was completed.</li> <li>• Describes any obstacles encountered, and how these obstacles were overcome.</li> <li>• Confirms that all matching commitments have been fulfilled.</li> <li>• Includes photographs, summaries of meetings and engineering reports/designs.</li> </ul> <p>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.</p>

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.