



2024 319 Application Form - On-the-Ground Projects

General Information

Project Name _____

Applicant Name _____

Registered with the Secretary of State?

Registered with SAM?

UEI # _____

Does your organization have liability insurance?

Primary Contact _____

Signatory _____

Title _____

Title _____

Address _____

Address _____

City _____ State _____ Zip Code _____

City _____ State _____ Zip Code _____

Phone Number _____

Phone Number _____

Email Address _____

Email Address _____

Signature Holly Hiel

Signature Holly Hiel

Technical and Administrative Qualifications - *Describe the technical and administrative skills your organization will use to effectively and efficiently complete your proposed project(s).*

Budget Summary

	319 Funding Request	Non-Federal Match	Other Funding	Total Cost
Education and Outreach Project Administration				
Project 1 Name				
Project Planning				
Landowner Agreements				
Project Implementation				
Project Effectiveness Monitoring				
Total				
Project 2 Name				
Project Planning				
Landowner Agreements				
Project Implementation Project				
Effectiveness Monitoring				
Total				
Project 3 Name				
Project Planning				
Landowner Agreements				
Project Implementation Project				
Effectiveness Monitoring				
Total				
Project 4 Name				
Project Planning				
Landowner Agreements				
Project Implementation Project				
Effectiveness Monitoring				
Total				
Grand Total				

Education and Outreach

Developing good projects often requires a considerable amount of time and effort up front to build relationships and trust with individual landowners and stakeholder groups. It also requires adequate training for project sponsor staff (e.g., technical training, project management, public procurement, technical writing, etc). To promote the development of future projects, DEQ is encouraging project sponsors to use up to \$5,000 in 319 funding for education and outreach to develop and capitalize on critical relationships and to improve organizational capacity. DEQ also encourages applicants to incorporate on-the-ground projects into education and outreach efforts through on-site demonstrations and project tours. 319 funding may not be used to pay for food and beverages, or for honorariums and gifts.

Activity 1 (method of delivery)

Target Audience

Goals

Effectiveness Evaluation

Activity 2 (optional)

Target Audience

Goals

Effectiveness Evaluation

Activity 3 (optional)

Target Audience

Goals

Effectiveness Evaluation

319 Funding Request	Non-Federal Match	Other Funding*	Total
_____	_____	_____	
Match Source _____			Secured
Match Source _____			Secured
Match Source _____			Secured

**Use this space to record any funding that will be used to support creation of the task deliverables, but will not be reported as match. The purpose of this information is to give application reviewers a clearer understanding of the total amount of funding required to complete a task.*

Project Administration

319 funding applied to project administration must not exceed 10% of the total amount of 319 funding requested, or \$12,000, **whichever is lower**. Project administration includes normal business expenses associated with completion of the project, regular communication with DEQ, and completion of the following reporting:

- Mid-Year Reports: Due June 15th of each year the Contract is in effect.
- Annual Reports: Due December 15th of each year the Contract is in effect.
- Interim Reports: Due whenever reimbursement is requested outside of the normal Mid-Year, Annual and Final reporting periods while the Contract is in effect.
- Draft Final Report: Due for DEQ review and comment at least 15 days prior to the contract expiration date. The Final Report is a standalone document describing all contract activities and containing copies of all contract deliverables (even if the deliverables were previously submitted).
- Final Report: Due on or before the contract expiration date; must address all DEQ comments from previous drafts.
- Billing Statements: Submitted with each Mid-Year, Interim, Annual, or Final Report.
- Exception to the Reporting Schedule: The Final Report and associated Billing Statement will replace the last required Mid-Year or Annual Report.

319 Funding Request	Non-Federal Match	Other Funding*	Total Cost
_____	_____	_____	_____
Match Source _____			Secured
Match Source _____			Secured

**Use this space to record any funding that will be used to support creation of the task deliverables, but will not be reported as match. The purpose of this information is to give application reviewers a clearer understanding of the total amount of funding required to complete a task.*

Project 1 Name

Select the watershed restoration plan (WRP) or tribal nonpoint source plan that your project will help implement (please type in if missing from list).

Letter of support from author entity attached? *(If no, explain why below.)*

Problem Description

Waterbody name from the 2020 List of Impaired Waters

Probable causes of impairment to be addressed

Waterbody name from the 2020 List of Impaired Waters

Probable causes of impairment to be addressed

HEALTHY WATERSHEDS: In most instances, on-the-ground projects must address identified impairments. However, in some instances, EPA allows 319 funding to be used for projects that protect watersheds that are currently healthy.

Name of healthy waterbody to be protected

Description of identified threat to non-impairment status

Name of healthy waterbody to be protected

Description of identified threat to non-impairment status

Describe the types, sources, and root causes of the pollution problem you're trying to address. *Identify the specific types and sources of pollution (e.g., sediment from excessive streambank erosion, nitrogen from livestock, loss of riparian habitat due to stream channel straightening). Identify the root causes of the pollution (e.g., streambank erosion caused by lack of riparian vegetation as a result of a historic road that was built next to the stream, a feedlot straddling the stream, stream channel was straightened to accommodate historic placer mining).*

Describe any previous or ongoing efforts to address the problem. *Identify previous or ongoing efforts to garner support for addressing the problem. Identify previous on-the-ground or management changes implemented to address the problem.*

Possible Solutions and Preferred (*proposed*) Alternative

Most nonpoint source pollution problems have multiple possible solutions, including doing nothing and waiting for natural processes to correct the problem. Please use the spaces provided below to describe reasonably possible solutions. Start with the "no action" alternative, and end with a more detailed description of the preferred alternative (the one for which you are seeking funding).

Name: No Action Alternative

Pros:

Cons:

Following implementation, how long will it take to achieve the desired nonpoint source pollution prevention benefits?

Immediately

5 years

10 years

20+ years

Never

Name:

Briefly describe the alternative.

Pros:

Cons:

Following implementation, how long will it take to achieve the desired nonpoint source pollution prevention benefits?

Immediately

5 years

10 years

20+ years

Never

Name: Preferred (*proposed*) Alternative

Project Location

Upstream End	Latitude	Longitude
Downstream End	Latitude	Longitude
Centerpoint	Latitude	Longitude
Upstream End	Latitude	Longitude
Downstream End	Latitude	Longitude
Centerpoint	Latitude	Longitude
Upstream End	Latitude	Longitude
Downstream End	Latitude	Longitude
Centerpoint	Latitude	Longitude

List the 12-digit Hydrologic Unit Code(s) (HUCs) in which the project area is located.

Detailed Project site map(s) Attach a map or set of maps showing the location and size of proposed activity. The map scale must be between 1:1,000 and 1:12,500. The map(s) must have an aerial photo background (e.g., USDA NAIP photography, Google Earth imagery, etc.). The map(s) must show the latitude, longitude, site name, and landowner for the activity site. The map(s) should also identify waterbodies affected by the pollution that the activity is designed to address.

Elevator Speech Summary In one short paragraph, summarize your proposed solution and why it's important.

Detailed Solution Description

Provide a detailed description of the solution you are proposing to implement to address the nonpoint source pollution problem. Describe the practices you intend to design and/or implement to solve the problem (what, where, when, how much or how many). Describe the anticipated maintenance needs (what, where, who, how long)

Project Planning

Identify the status of the following project planning tasks, where applicable.

	Completed?	Copy Attached?	To Be Completed Pre-Contract (Aug 2024)?	To Be Completed as Contract Deliverable?
*Draft Project Designs				
*Final Project Designs				
Consultation With Potential Regulators				
Necessary Permits				
Endangered Species Act Consultation				
Cultural Resources Inventory (<i>may be relevant</i>)				
Other:				
Other:				
Other:				

*See Call for Applications for minimum design standards.

Project Coordination and Planning Task This task would include completion of all applicable planning tasks from the list above, as well as coordination and oversight of the efforts of all project partners. Please provide a detailed budget below.

Detailed Budget Item	319 Funding Request	Non-Federal Match	Other Funding**	Total Cost
----------------------	---------------------	-------------------	-----------------	------------

TOTAL

Match Source:		Secured
Match Source:		Secured
Match Source:		Secured

**Use this space to record any funding that will be used to support creation of the task deliverables, but will not be reported as match.

Landowner Agreements

Identify the status of the following landowner agreement tasks, where applicable.

		To Be Completed Pre-Contract (Aug 2024)?	To Be Completed as Contract Deliverable?
nent tasks,			
Completed?	Copy Attached?		

*Draft Landowner Agreement(s)

*Final Landowner Agreement(s)

Grazing Management Plan

Other:

Other:

**See Call for Applications for a description of what each landowner agreement must contain.*

Landowner Agreement Task This includes costs for developing and managing landowner agreements, and developing grazing management plans where applicable. Please provide a detailed budget below.

Detailed Budget Item	319 Funding Request	Non-Federal Match	Other Funding**	Total Cost
----------------------	---------------------	-------------------	-----------------	------------

TOTAL

Match Source: Secured

Match Source: Secured

Match Source: Secured

***Use this space to record any funding that will be used to support creation of the task deliverables, but will not be reported as match. The purpose of this information is to give application reviewers a clearer understanding of the total amount of funding required to complete a task.*

Project Implementation

This includes costs for all materials, labor, equipment, construction oversight, and as-built surveys associated with implementing the plans developed under the Project Coordination and Planning task. *If you are requesting funding for design only, leave this task blank.*

Project Implementation Task Please provide a detailed budget below. Be as specific as you have information available, using estimates where necessary.

Detailed Budget Item	319 Funding Request	Non-Federal Match	Other Funding*	Total Cost
----------------------	---------------------	-------------------	----------------	------------

Project Implementation Match Sources

Match Source	Secured
Match Source	Secured
Match Source	Secured
Match Source	Secured

Project Effectiveness Monitoring

(If you are requesting funding for design only, you may choose to leave this task blank. Alternatively, you may use this task to request funding to develop a monitoring plan and conduct pre-project monitoring in anticipation of future implementation of your designs.)

Identify the status of the following project effectiveness monitoring tasks.		To Be Completed Pre-Contract (Aug 2024)?	To Be Completed as Contract Deliverable?
	Completed?	Copy Attached?	
*Monitoring Plan			
**Pre-project estimate of nitrogen, phosphorus, and/or sediment loading from project site			
Pre-project photo-point monitoring			
Other:			
Other:			
*See Call for Applications for a description of what a monitoring plan must contain.			
**Only applicable to on-the-ground projects designed to reduce nitrogen, phosphorus, or sediment pollution.			

Project Effectiveness Monitoring Task This task includes costs for developing and implementing a reasonable method of evaluating extent to which the preferred alternative resolves the nonpoint source pollution problems you described previously in your application. Please provide a detailed budget below. Include any items from the above list that have not yet been completed, additional monitoring you would like to do, implementation of the monitoring plan, and preparation and submittal of a written monitoring report. If planting vegetation will be part of your project, include vegetation mortality monitoring as a line item.

Detailed Budget Item	319 Funding Request	Non-Federal Match	Other Funding	Total Cost
----------------------	---------------------	-------------------	---------------	------------

TOTAL

Project Effectiveness Monitoring Match Sources

Match Source: _____	Secured
Match Source: _____	Secured
Match Source: _____	Secured

Project Goals and Benefits

Nonpoint Source Goals List the specific, measurable nonpoint source goals for your project.

Other Important Benefits Describe the benefits the preferred alternative is likely to have on the topics below.

Local Community

Local Ecosystem

Other Important Benefits *(continued)*

Downstream
Communities

Downstream
Ecosystems

Drinking Water
(for humans)

Economic or Socially
Disadvantaged
Communities

Climate Change/
Climate Resiliency

Public Access to a
Clean and Healthy
Environment

Project Partners

Identify each of the project partners and describe their contribution to the project. Include landowners, land managers, project designers, funders, and your own organization. Indicate whether each partner, other than your organization, has provided a letter of support. (*Note: each landowner must provide a letter of support.*)

Landowner

Contributions to Project

Letter of Support Attached?

Project Partner

Contributions to Project

Letter of Support Attached?

Project 1 - Project Timeline

Task Description	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q
	2024	2024	2025	2025	2025	2025	2026	2026	2026	2026	2027	2027

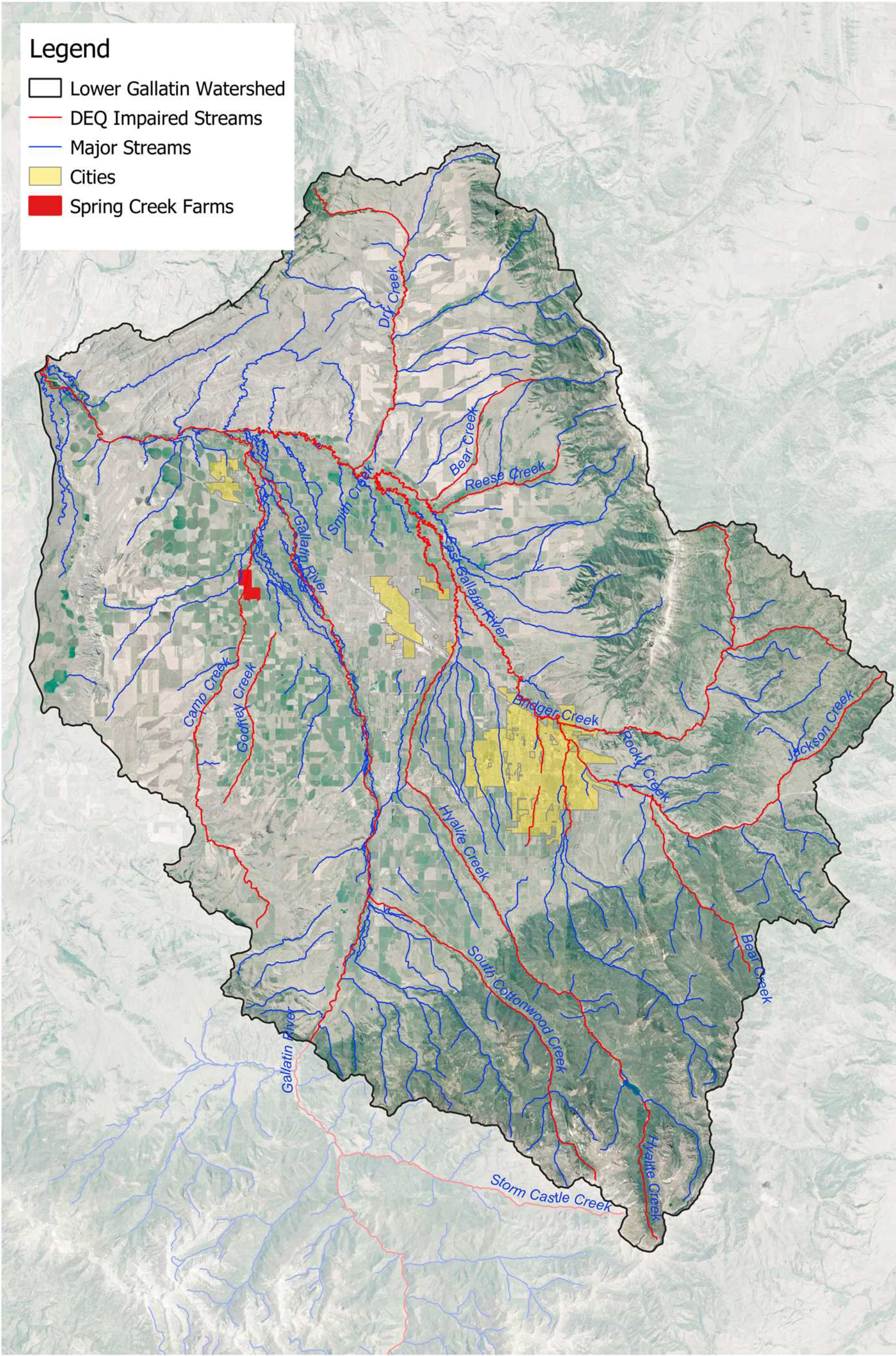
Other Attachments - Please list any additional documents you will be submitting with your application.

Additional documents are not required, but may be submitted to provide more specific details about a project or to demonstrate adequate planning and preparation. However, be respectful of the amount of time it will take an application reviewer to read through your application. **If a reviewer is running short on time, they will be permitted to focus solely on the application form and the attachments specifically identified in the previous pages.**

Final Thoughts - Use the space below to share any additional information that might be useful in helping someone to better understand your project.

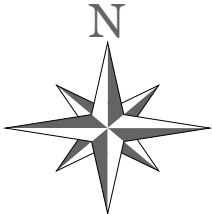
**Make sure the Primary Contact and the Signatory for your organization
have both signed and dated the application.**

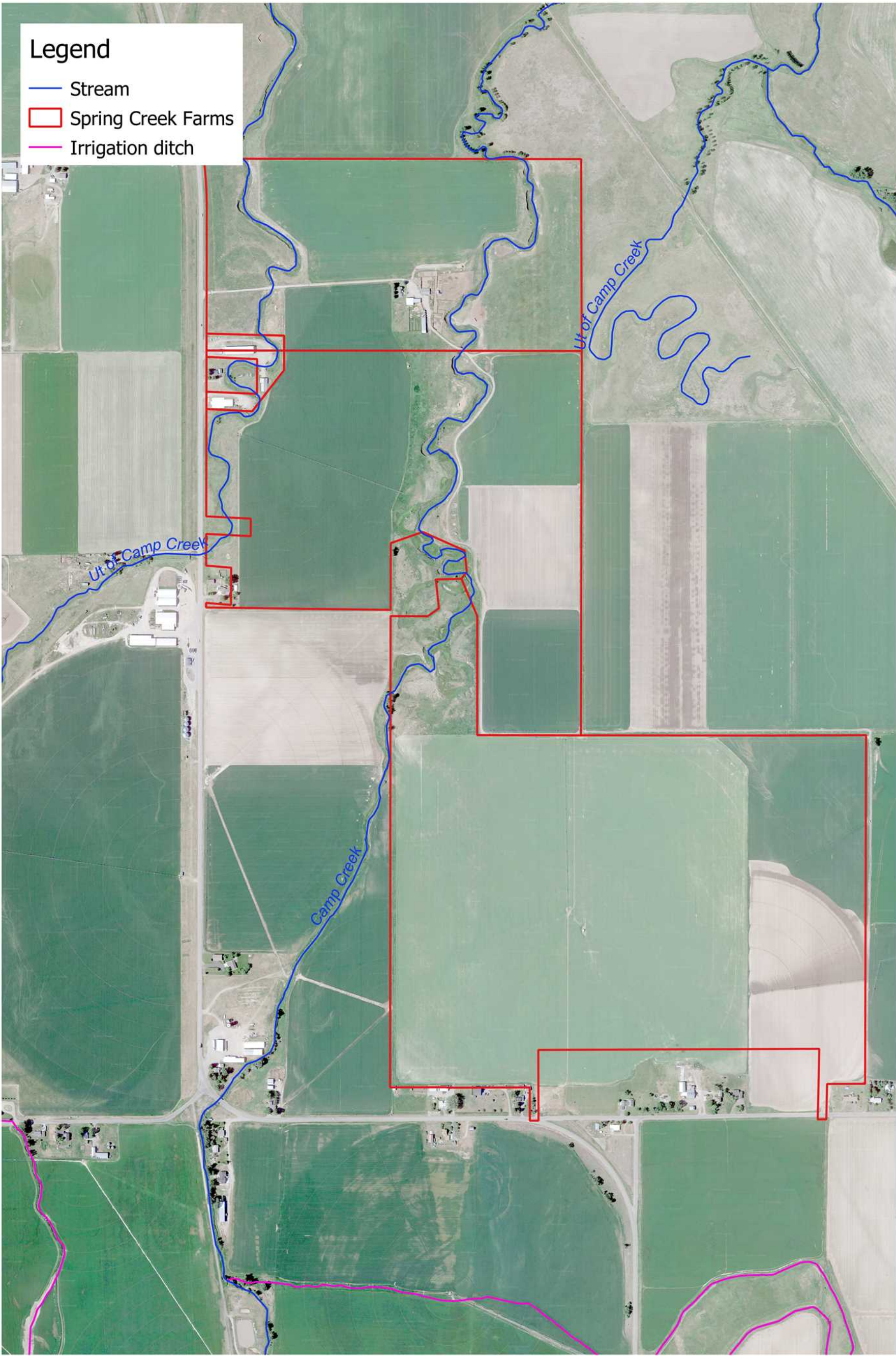
MAPS/ DESIGNS



Overview Map
Date: 10/6/2023
Scale: None

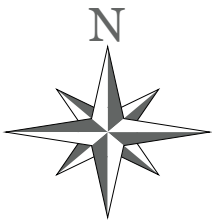
Spring Creek Farms
Low Tech Processed Based
Channel Restoration





Site Map 1
Date: 10/6/2023
Scale: None

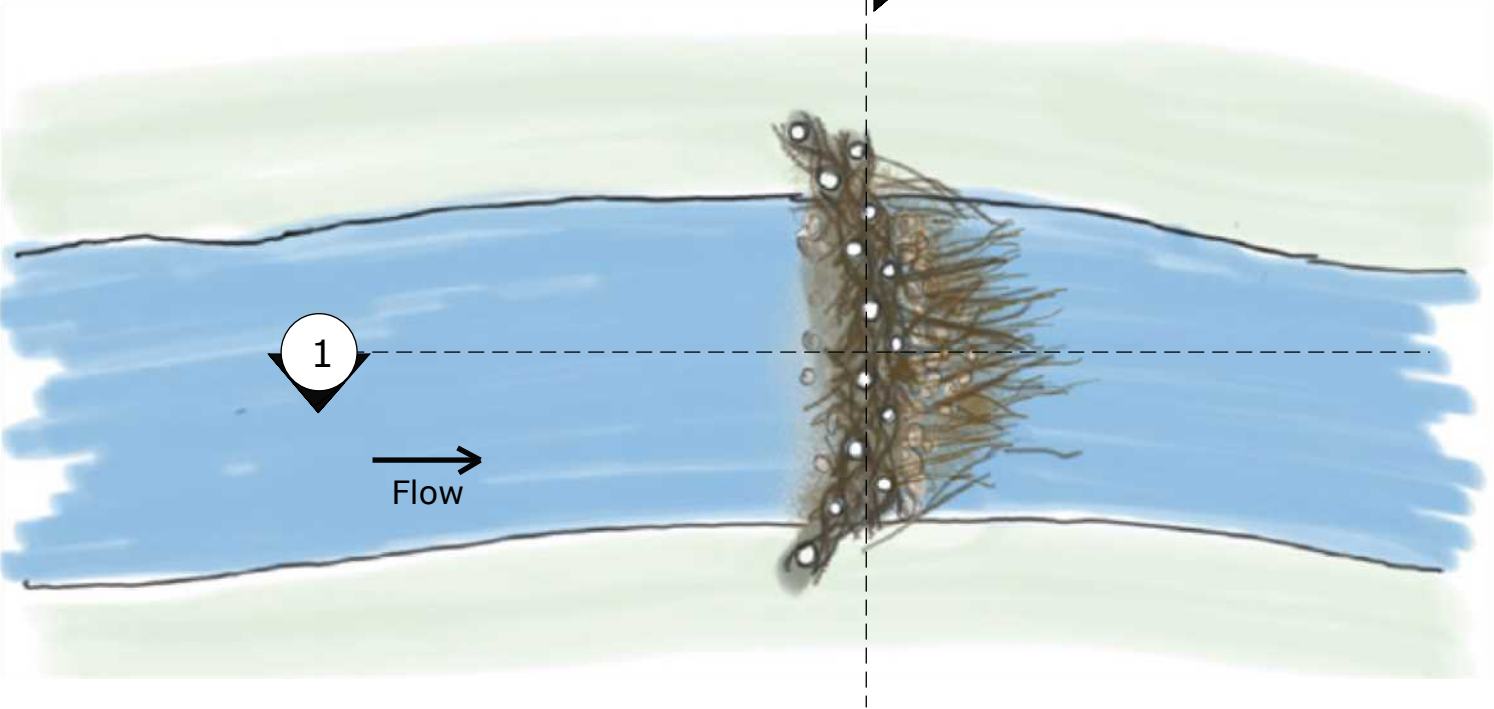
Spring Creek Farms
Low Tech Processed Based
Channel Restoration



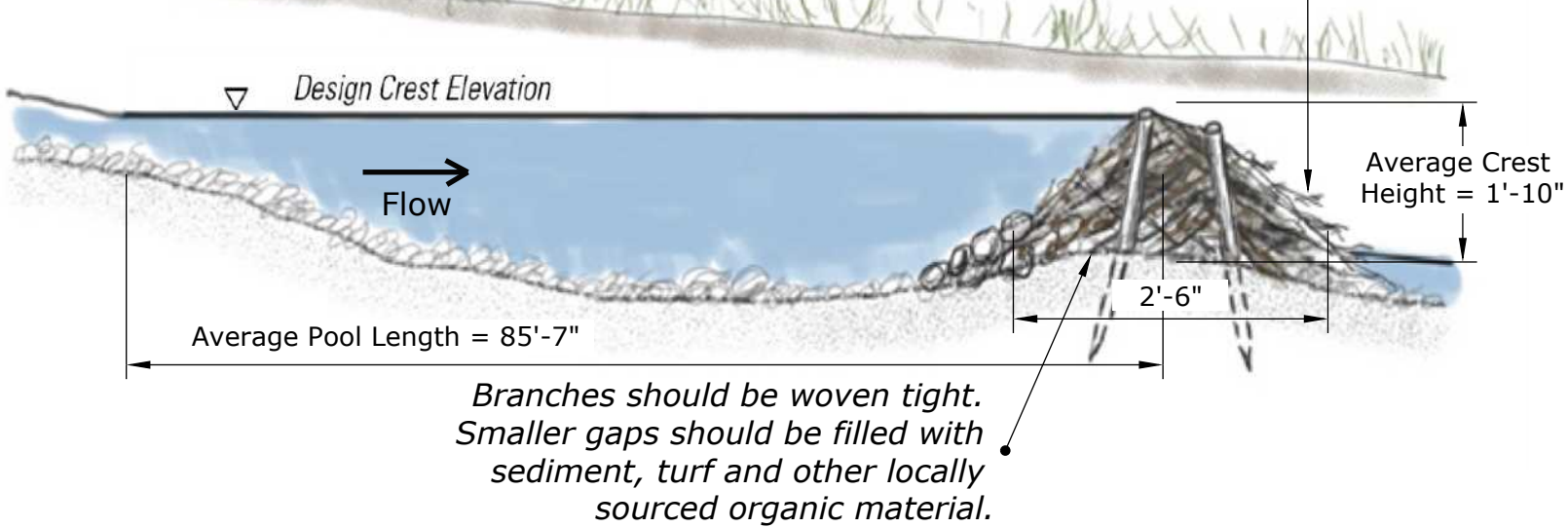


Site Map 2	Spring Creek Farms Low Tech Processed Based Channel Restoration	
Date: 10/6/2023		
Scale: None		

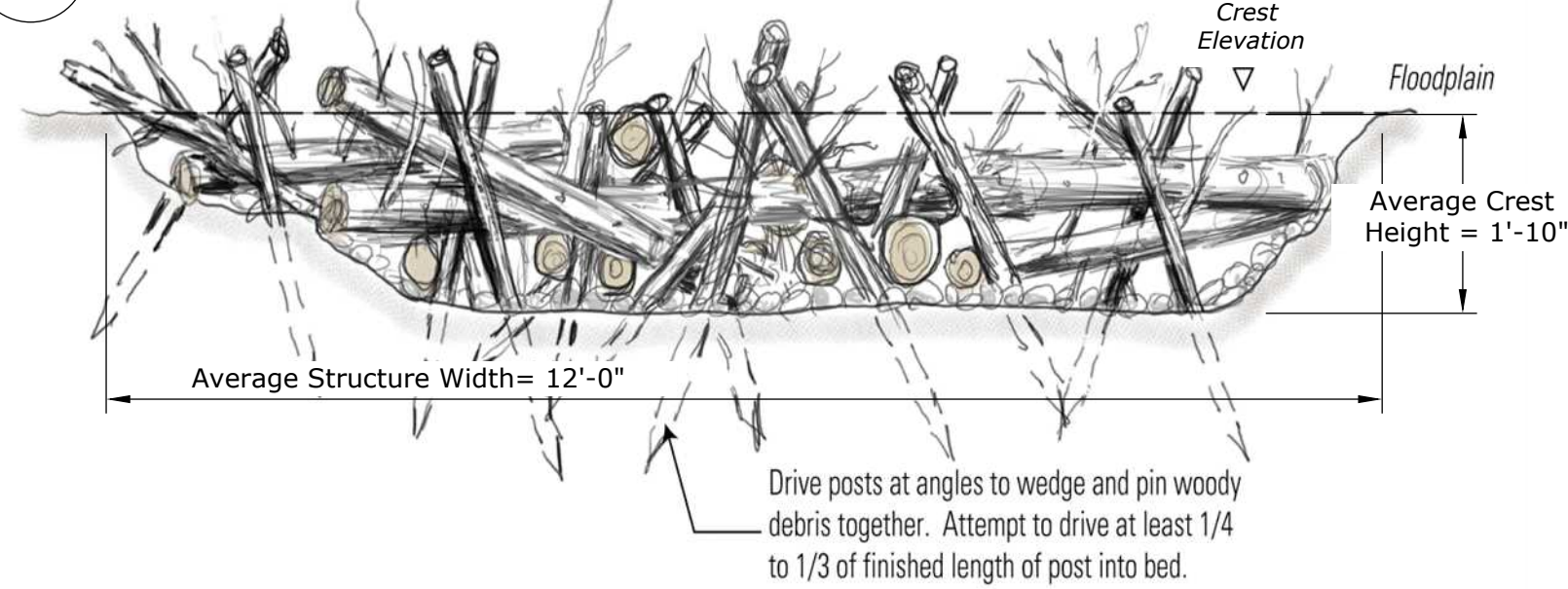
Design Typical Plan View



1 Design Typical Profile View *Overflow mattress of branches laid parallel to flow direction and woven into weave above. Mattress acts to dissipate flow energy of flows spilling over top of dam.*



2 Design Typical Cross Section View



Design Typicals	Spring Creek Farms Low Tech Processed Based Channel Restoration
Date: 10/6/2023	
Scale: None	



Spring Creek Farms Draft Plan

USDA is an equal opportunity provider, employer, and lender

THIS MAP IS FOR GRAPHICAL PURPOSES ONLY AND DOES NOT REPRESENT A LEGAL SURVEY. EVERY EFFORT IS MADE TO ENSURE DATA IS ACCURATE AND RELIABLE WITHIN THE LIMITS OF THE CURRENT STATE OF THE ART. BUT NECE MAKES NO WARRANTY, EXPRESSED OR IMPLIED, NOW OR IN THE FUTURE, OF THIS MAP CONSTITUTE SUCH A WARRANTY.



LETTERS OF SUPPORT

From: <tim@plantthebest.com>

Date: Wed, Oct 4, 2023 at 10:35 PM

Subject: Letter of support

To: holly@gallatinwatershedcouncil.org <lilly@gallatinwatershedcouncil.org>

To whom it may concern,

We are writing this letter of support for the Spring Creek Restoration project for many reasons. My brother Nick and I have been part of Venhuizen Ranch and Spring Creek Farms are entire lives. We grew up changing the water pipes in the pastures and fields and has been a part of who we were as we grew up until today. A couple years ago we thought that we were going to lose this original homestead as we went through the estate process, however, Nick and I were fortunate enough to purchase this property last year and keep it in our family. One of the things that our late grandfather and our late father always wanted was to restore the natural flowing creeks that run though this property. This is ultimately why we bring this project to you today, to finish a desire of the men thought taught us how to care for the land.

The Gallatin Watershed Council has laid out some good plans and ideas that we think can bring Spring Creek back into a better thriving Stream and ecosystem. Spring Creek Farms is our name because Spring Creek starts on our land right behind the house that I grew up as a kid. The hope would be to Restore Spring Creek on our property but this would connect to the property downstream that has already been restored which we feel is a huge benefit.

We do not take this project lightly and we would be committed to the following :

- Continued involvement to project planning, development and implementation
- \$30,000 of cash outlay and in-kind work

We ask you to consider this project so that we can help do our part for the greater Gallatin Watershed

Thank You for your consideration

Tim Venhuizen
Spring Creek Farms



Montana Department of Environmental Quality
Attn: Mark Ockey
Watershed Protection Bureau
P.O. Box 200901
Helena, MT 59620
Re: Montana Watershed Coordination Council 319 Funding Application

10/5/2023

Dear Mark,

I am writing on behalf of the Montana Conservation Corps (MCC) to express my full support of the Gallatin Watershed Council (GWC) and their local 319 funding request. GWC's Spring Creek Farms: Spring Creek Restoration proposal is poised to improve water quality and mitigate the effects of non-point source pollution that is degrading a key tributary of Camp Creek which ultimately impacts the Lower Gallatin Watershed. To address this issue, GWC proposes the construction of a series of beaver dam analogues, planting riparian vegetation, and managing grazing along a small spring creek that flows into Camp Creek. The proposed restoration actions will result in improved wetland and riparian function, benefiting water quality and wildlife habitat. As water passes through the wetland created by GWC's project, sediment and excess nutrients in the perennial spring creek will be reduced before entering Camp Creek.

In partnership with GWC, MCC's highly trained Mesic Restoration Crew will help implement the proposed project by removing and installing fence, treating invasive weeds, installing in-stream structures (BDA and PALS), planting riparian revegetation, and installing a watering facility. As such MCC will also be able to contribute matching funds through the work of our crew via a federally approved formula for determining match.

By providing this funding, GWC will not only been able to successfully meet its mission, but will also provide invaluable resources to the Lower Gallatin Watershed and surrounding communities resulting in a measurable and lasting on-the-ground impact that will benefit future generations. The projects implemented as a result of this funding will be efficient and effective in mitigating nonpoint source pollution and will also promote natural water storage essential to drought and flood resilience.

GWC has formed sustainable and resilient partnerships and has led the way in creating new and innovative approaches to properly address critical non-point source related issues throughout the Gallatin Valley. MCC fully supports GWC's proposal and we urge you to award full funding support to the organization.

Best Regards,

Bryan N. Wilson
Director-Individual Placement Programs
Montana Conservation Corps
Office- (406).587.4475 x107
Email- bryan@mtcors.org





Connor Parrish, Project Manager, Gallatin Home River Initiative

Watershed Protection Section
Montana Department of Environmental Quality
Attn: Mark Ockey
1520 E. Sixth Avenue
Helena, MT 59620

Dear Mr. Ockey,

I am contacting you to provide Trout Unlimited's support for the Gallatin Watershed Council's (GWC) application to Department of Environmental Quality's (DEQ) 319 non-point source grant opportunity. The Gallatin watershed faces numerous water quality impairments that jeopardize the health of its fish, wildlife, and growing community. GWC's Spring Creek Farms: Spring Creek Restoration proposal provides cost effective solutions to improve water quality and restore natural process that enhance fish and wildlife habitat. Historically this stream has been overgrazed which has led to its degradation. To address this issue GWC proposes the construction of a series of beaver dam analogues, planting riparian vegetation, and managing grazing along a small spring creek that flows into Camp Creek. The proposed restoration actions will result in improved wetland and riparian function, benefiting water quality and wildlife habitat. As water passes through the wetland created by GWC's project, sediment and excess nutrients in the perennial spring creek will be attenuated before entering Camp Creek. The project will also promote natural water storage that should provide drought and flood resilience in the Camp Creek watershed.

Trout Unlimited is intimately involved in ongoing conservation efforts in the lower Gallatin watershed and I believe the Gallatin Watershed Council has the professional capabilities and local contacts that position them well for the project they are proposing. Trout Unlimited is dedicated to protecting and restoring the Gallatin's coldwater fishery and thus very supportive of the Gallatin Watershed Council's grant proposal.

Connor Parrish

Project Manager, Gallatin Home River Initiative



United States
Department of
Agriculture

Farm
Production
and
Conservation

Natural
Resources
Conservation
Service

Bozeman Field Office
3710 Fallon St.
Suite B
Bozeman, MT 59718

10/02/2023

Watershed Protection Section
Montana Department of Environmental Quality
Attn: Mark Ockey
1520 E. Sixth Avenue
Helena, MT 59620

RE: Letter of Collaboration

Gallatin Watershed Council,

The USDA, Natural Resources Conservation Service (NRCS) agrees to participate as a collaborator on the restoration/reclamation project of the spring creek on the property of Spring Creek Farms, Inc.

The NRCS portion of the work will be under the primary direction of Katie Mumford, soil conservationist out of the Townsend field office, with support from Christopher Mahony, district conservationist, Bozeman field office; Tyler Martindale, Bozeman area engineer; Cory Wolfe and Paul Sanford, state engineers. The proposed project involves utilizing NRCS standards and specifications in the implementation of a number of practices related to the spring creek restoration, specifically, fencing, watering facilities and tree and shrub establishment.

In addition, if selected for Environmental Quality Incentives Program (EQIP) funding, NRCS will be involved with the removal of an animal feeding area located just upslope of the spring creek with an additional animal confinement area along Camp Creek also being removed.

Spring Creek Farms Inc is also applying for National Water Quality Initiative funding to restore portions of Camp Creek, which is listed as impaired by the Montana Department of Environmental Quality (MTDEQ). The spring creek is a tributary to Camp Creek and enters Camp Creek just below the property boundary of Spring Creek Farms Inc. Given the fact that the spring creek is a tributary to Camp Creek (an impaired waterbody), with the majority of its length on Spring Creek Farm Inc's property and their commitment to restoration activities make this project integral in addressing water quality issues in Camp Creek.

The proposed collaboration has been reviewed by the appropriate personnel at the field office. If your application for 319 funds through the MTDEQ is selected for funding, it is the Agency's intent to collaborate with each other and/or commit resources as necessary.

Notice of Award or question should be emailed to Katie.Mumford@usda.gov with a cc to Christopher.Mahony@usda.gov and Eric.Wyatt@usda.gov. We appreciate the opportunity for this collaboration.

Sincerely,

Tom Watson
State Conservationist

OTHER ATTACHMENTS

Photos of the Spring Creek on Spring Creek Farms





Photos of the neighboring ranch that completed a restoration project on Camp Creek

