2021 319 Application Form

General Information

Project Name: Dry Creek Restoration - Phase 3

Sponsor Name: Trout Unlimited, Inc.

Registered with the Secretary of State? N

Registered with SAM? Y

Duns #: 051698132

Does your organization have liability insurance? Y

Primary Contact: Jeff Dunn

Title: Upper Missouri & Yellowstone Project Manager

Address: 321 E. Main Street, Suite 411

City: Bozeman State: MT Zip Code: 59715

Phone Number: 406-579-0516

Email Address: Jeff.Dunn@tu.org

Signature: Jeff Dunn Digitally signed by Jeff Dunn DN: cn=Jeff Dunn, o, ou, email=jeff.dunn@tu.org, c=US Date: 2020.11.12 09:19:59 -07'00'

Signatory: Warren Colyer

Title: Western Water and Habitat Project Co-Director

Address: 312 N. Higgins, Suite 200

City: Missoula State: MT Zip Code: 59801

Phone Number: 406-540-2185

Email Address: Warren.Colyer@tu.org

Signature: Warren Colyer Digitally signed by Warren Colyer DN: cn=Warren Colyer, o=Trout Unlimited, Inc., ou=Western Water & Habitat Program, email=wcolyer@tu.org, c=US Date: 2020.11.11 17:26:35 -07'00'

Technical and Administrative Qualifications

Trout Unlimited's Bozeman based staff Jeff Dunn and Patrick Byorth will lead this project with support from project partners Scott Gillilan and Briana Schultz. The project team has successfully implemented Phases 1 and 2 of the Dry Creek Restoration effort, both of which were supported by the Montana Department of Environmental Quality (DEQ). Jeff Dunn has 18 years of water resource experience across Montana, including stream restoration design, implementation, and effectiveness monitoring. Patrick Byorth has a long career managing wild trout fisheries in southwestern Montana. Scott Gillilan with Gillilan Associates Inc. has been engaged in river restoration projects for over 30 years. Briana Schultz with Sundog Ecological has 15 years of experience with revegetation and permitting.

Past Projects

Project Name	Grant or Contract Amount	Funding Entity *(entity name/program, contact person, phone, email)*	Completion Date
Upper Deer Creek River Access Improvement Project	$ 295,000.00	Gallatin River Task Force, Emily O'Conner, 406-548-8111, emily@gallatinrivertaskforce.org	October 2020 (Revegetation in May 2021)
Reese Creek Irrigation Infrastructure & In-stream Flow Project	$ 412,000.00	Yellowstone National Park, Ann Rodman, 406-581-0910, ann_rodman@nps.gov	May 2020
Jack Creek Restoration Project, Phases 1 & 2	$ 233,000.00	Madison Conservation District, David Laufenberg, 608-335-3099, david@madisoncd.org	April 2020

Budget Summary*

		Other Funding	Federal Match	Non-Federal Match	319 Funding Request	Total Cost
	Education and Outreach	$ 0	$ 0	$ 0	$ 1,500	$ 1,500
	Project Administration	$ 0	$ 0	$ 0	$ 3,000	$ 3,000
	Total	$ 0	$ 0	$ 0	$ 4,500	$ 4,500
	Project 1 Name	Dry Creek Restoration Phase 3				
	Project Planning	$ 15,200	$ 0	$ 0	$ 0	$ 15,200
	Landowner Agreements, O & M	$ 0	$ 0	$ 0	$ 500	$ 500
Project 1	Project Implementation	$ 0	$ 0	$ 32,000	$ 36,000	$ 68,000
	Other Activities	$ 0	$ 0	$ 0	$ 0	$ 0
	Project Effectiveness Monitoring	$ 0	$ 0	$ 0	$ 5,300	$ 5,300
	Total	$ 15,200	$ 0	$ 32,000	$ 41,800	$ 89,000
	Project 2 Name					
	Project Planning					$ 0
	Landowner Agreements, O & M					$ 0
Project 2	Project Implementation					$ 0
	Other Activities					$ 0
	Project Effectiveness Monitoring					$ 0
	Total	$ 0	$ 0	$ 0	$ 0	$ 0
	Project 3 Name					
	Project Planning					$ 0
	Landowner Agreements, O & M					$ 0
Project 3	Project Implementation					$ 0
	Other Activities					$ 0
	Project Effectiveness Monitoring					$ 0
	Total	$ 0	$ 0	$ 0	$ 0	$ 0
	Total	$ 15,200	$ 46,300	$ 32,000	$ 46,300	$ 93,500

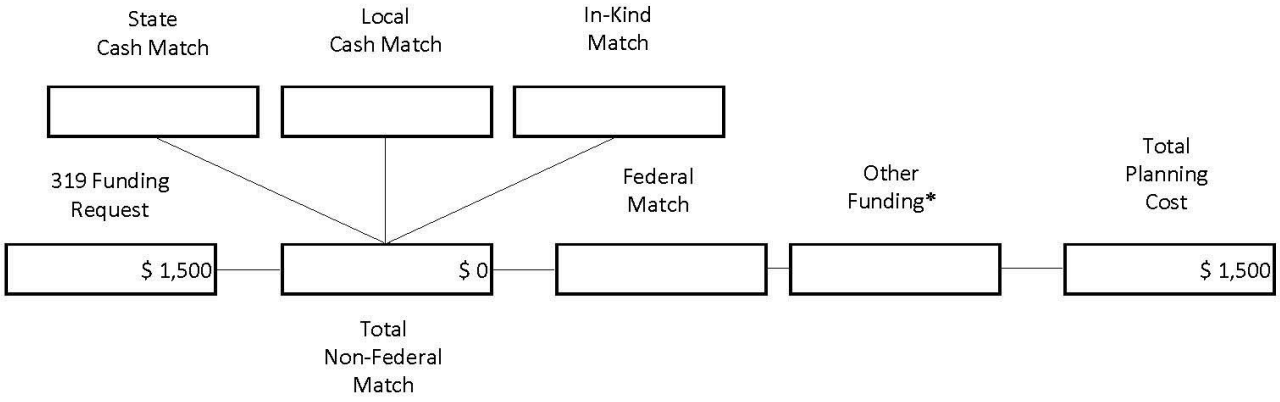
Fields outlined in black **on this page will auto-populate from other sections of the application form. Fields outlined in red **on this page** will not auto-populate. You must manually transfer the information for fields outlined in red.*

Education and Outreach

DEQ recognizes that 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. 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 these critical relationships. DEQ 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. Education and outreach activities funded by 319 or used as match for 319 funding must adhere to all of the eligibility requirements outlined in the annual Call for Applications document.

Education and Outreach Deliverables *(Identify the education and outreach activities you will engage in and methods you will use to document their completion.)*

Trout Unlimited seeks to build relationships with landowners in the Dry Creek watershed, as well as stakeholders throughout the Gallatin River watershed, and will utilize the completed and ongoing restoration efforts to engage stakeholders as opportunities arise. To highlight the current work, Trout Unlimited will host at least one tour of the Phase 3 project reach post-completion to showcase restoration actions. Trout Unlimited previously hosted two tours of the Phase 1 reach, including a tour for local landowners and stakeholders, as well as hosting the Montana Watershed Coordination Council's fall 2019 tour. These tours and the completed work have generated additional interest in the watershed, including a landowner at the lower end of Dry Creek that would like to see their reach restored. In addition to project tours and stakeholder outreach, Trout Unlimited will continue to outreach to the approximately 800 members of the Madison-Gallatin Chapter of Trout Unlimited (MGTU) through news-feeds and web-posts documenting progress on the Dry Creek restoration efforts being conducted in partnership with Montana DEQ, while also highlighting progress on the Phase 3 project at the monthly and annual MGTU membership meetings.



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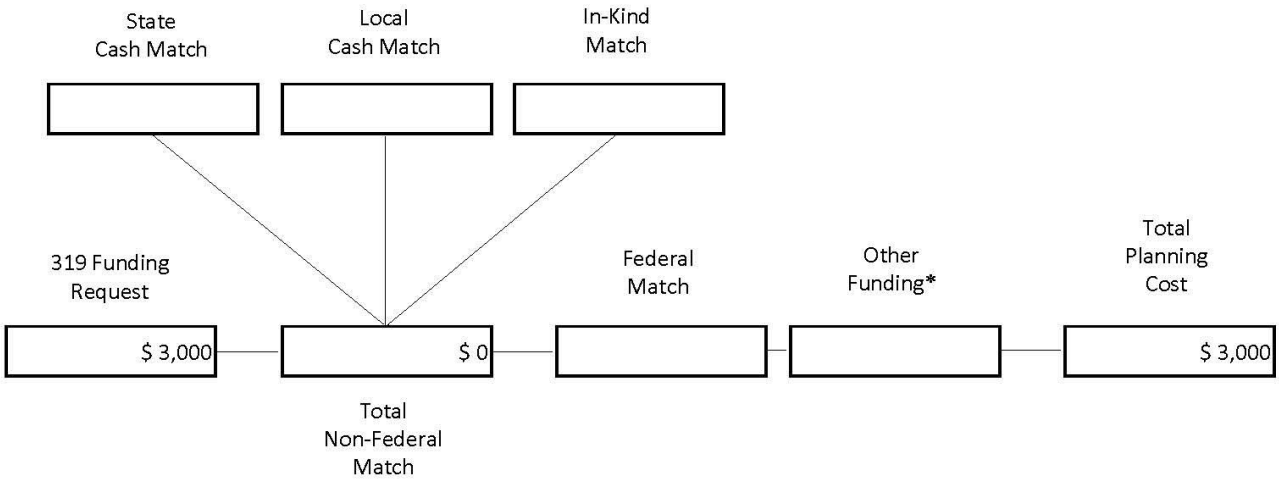
**Use this space to record any funding that will be used to support creation of the task deliverables, but will not be reported as match. The purpose of this information is to give application reviewers a clearer understanding of the total amount of funding required to complete a task.*

Project Administration

Project administration includes book keeping, invoicing, interim/annual/final report preparation, office supplies, rent, communications, etc. Up to 10% of the total requested 319 funds for your entire application can be used to pay for project administration. However, like all other tasks, payment is by reimbursement for actual expenses incurred.

Project Administration Deliverables *(Include interim/mid-year, annual, and final reports, as well as invoicing and office necessities.)*

Trout Unlimited will oversee and be accountable for the completion of all tasks necessary for the completion of Phase 3 of the Dry Creek Restoration Project. Trout Unlimited will prepare and submit billing statements, interim/mid-year reports, annual reports, and a final report.



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Project Form

A separate Project Form ***(including providing separate attachments)*** must be submitted for each project included in your application. Use the following examples to help determine when to lump and when to split projects. For additional assistance, contact Mark Ockey at mockey@mt.gov.

Splitting Examples (fill out multiple Project Forms)

- Stream restoration work occurring on two separate streams, on parcels owned by two separate individuals
- Two projects with significantly different sets of project partners
- Two projects that address substantially different pollution sources (e.g., one project that moves a corral off of a stream, and another to remove mine tailings, with both projects being on the same 800-acre recreational property)

Lumping Examples

- Contiguous stream restoration work spanning multiple land parcels
- 3 projects that address similar sources of pollution on a single land parcel (e.g., moving a corral off a stream, implementing a grazing management plan, and relocating a manure storage facility out of the floodplain, all on the same ranch)
- A mini-grant program designed to address numerous failing septic systems scattered throughout a watershed

Project Name Dry Creek Restoration Phase 3

Project Location

Latitude 45.93498 Longitude -111.18306

Latitude Longitude

Latitude Longitude

12-digit HUC(s) # 100200081203 - Lower Dry Creek

☑ **Project site map** attached, showing the location of all proposed on-the-ground restoration

Project Planning and Purpose

Select the Watershed Restoration Plan that your project will help implement.

Lower Gallatin - Greater Gallatin Watershed Council

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

Waterbody name from the 2018 List of Impaired Waters Dry Creek

Probable causes of impairment to be addressed sedimentation/siltation, alteration in stream-side vegetative cover

Waterbody name from the 2018 List of Impaired Waters n/a

Probable causes of impairment to be addressed n/a

or*

Name of healthy waterbody to be protected n/a

Description of identified threat to non-impairment status

n/a

Name of healthy waterbody to be protected n/a

Description of identified threat to non-impairment status

n/a

**While the majority of the available 319 project funding is dedicated to addressing known impairments, EPA is allowing states to use a limited amount of funding to protect non-impaired waters (healthy waters) from becoming impaired.*

Community Participation and Support

Landowner	Contributions to Project	Letter of Support Attached?
Miller and Sons Ranch Holdings, LLC, Steve Carlson	Project funding, in-kind contributions for materials sourced from on-site	☑
Kevin Thompson	Project funding, in-kind contributions for materials sourced from on-site	☑
		☐
		☐

Partner	Role	Letter of Support Attached?
Madison-Gallatin Chapter of Trout Unlimited, Mark Peterson	Project funding and volunteer opportunities	☑
Gillilan Associates, Inc., Scott Gillilan; and Sundog Ecological, Briana Schultz	Gillilan Associates: Design and construction oversight support Sundog: Permitting and revegetation support	☐
Gallatin Watershed Council, Holly Hill	Assistance with education, outreach and volunteer opportunities	☑
SIMMS, Diane Bristol	Supporting Trout Unlimited's Gallatin Home Rivers Initiative	☑

Other Community/Stakeholder Support

Project Description

Describe the nature and extent of the nonpoint source problem you are trying to address, the root causes of the problem, and your proposed solution.

Nature and Extent of the Problem: Dry Creek is a tributary of the East Gallatin River draining the northern portion of the Gallatin valley from the Horseshoe Hills and the west slope of the Bridger mountains. During DEQ's sediment and habitat assessments in 2009, the upper monitoring site, which is upstream of the project reach, failed to meet sediment related targets for riffle pebble count fine sediment <2mm and also the pool tail grid toss target, while at the lower monitoring site, which is below the project reach, field observations noted that fine sediment from eroding streambanks was accumulating in pools. Sediment related impairments identified in the Lower Gallatin Planning Area TMDLs & Framework Water Quality Improvement Plan completed by DEQ in 2013 include sedimentation/siltation, alteration in streamside or littoral vegetative covers, and physical substrate habitat alterations. For Dry Creek, the aquatic life beneficial use is partially supported and the recreation beneficial use is not supported.

Root Causes of the Problem: Dry Creek was originally listed in 1992 as impaired for sediment due to channel realignment associated with transportation, reduced riparian vegetation, and siltation and streambank failure associated with agriculture. These actions have resulted in entrenched channel conditions and large eroding streambanks along much of Dry Creek, which provide a nearly-continuous source of fine sediment loading to the stream.

Proposed Solution: To address the identified impairments in Dry Creek, TMDLs were developed for sediment, total nitrogen, and total phosphorus and specified a 53% sediment reduction from sediment loading, with a 31% reduction in sediment loading from streambank erosion sources. To achieve this load reduction, the Lower Gallatin Watershed Restoration Plan (WRP) completed by the Greater Gallatin Watershed Council in 2014 recommended streambank stabilization and restoration of entrenched channel conditions, which is the intent of Phase 3 of the Dry Creek Restoration Project. Specifically, this project implements recommendations in Section 4.5 and Table 4.5 of the WRP by focusing water quality improvement efforts on streambank stabilization, restoration of entrenched channel conditions, and riparian buffer enhancement. Restoration treatments involve lowering large eroding streambanks and creating floodplain benches, while also enhancing existing riffles with gravel augmentations to effectively raise the elevation of the streambed locally to encourage access to the floodplain during high water events. For Phase 3, eight streambanks totaling approximately 824 feet of bankline will be treated over an approximately 2,064-foot project reach. In addition, the landowners have agreed to maintain a 50-foot riparian buffer along the project reach, which achieves the measurable milestone (outcome #36) in DEQ's 2017 Nonpoint Source Management Plan to protect, restore, and create riparian and wetland buffers to reduce NPS pollution.

Is this project a continuation of a previous project? If so, please explain the connection.

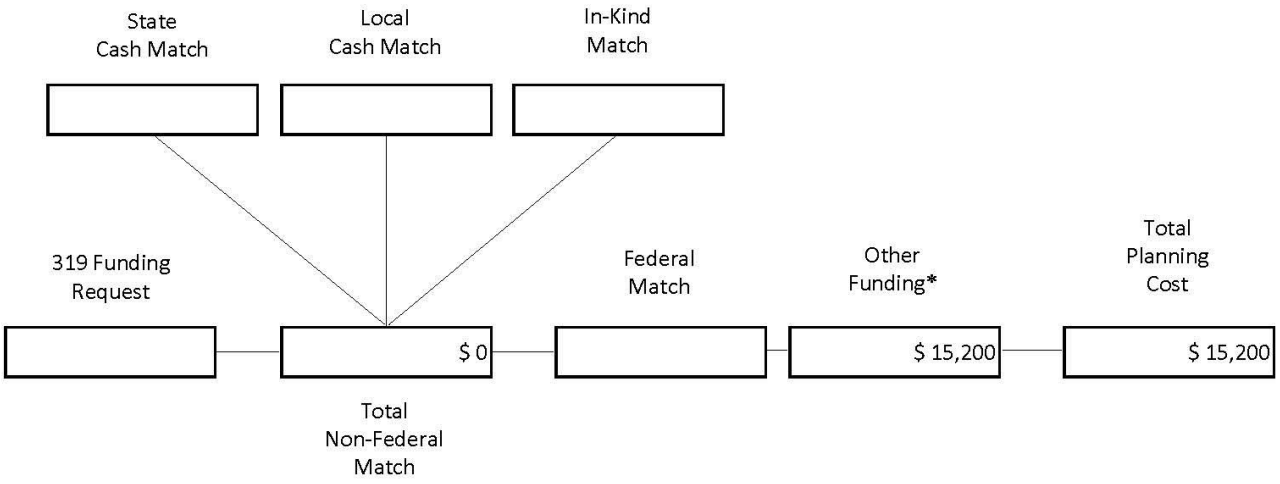
Yes, Phase 1 of the Dry Creek Restoration Project was completed in 2018/2019 and Phase 2 was completed in 2020. Phase 1 covered 1.85 miles of stream, restoring 1.13 miles of eroding bank, while Phase 2 covered an additional 0.30 miles immediately downstream of Phase 1, with 0.19 miles of eroding bank restored. Phase 3 is located immediately upstream of the Phase 1 reach and covers 0.39 miles of stream and 0.16 miles of eroding bank. Once all three phases are completed, a total contiguous length of 2.54 miles of Dry Creek will be restored, including 1.48 miles of eroding streambank.

Tasks and Budget

DEQ uses a standard template to develop scopes of work for 319 contracts. The tasks below match up with DEQ standard scope of work template. Some tasks might not be applicable to your project. Please leave the non-applicable tasks blank. If your project doesn't fit the task outline, use the task labeled "Other" to describe your project.

Task 1 - Project Planning Deliverables *(Include such things as completing project designs, conducting site evaluations, obtaining permits, organizing volunteers, conducting scoping meetings, etc. Identify specific deliverables that will be submitted.)*

Project planning necessary to implement Phase 3 of the Dry Creek Restoration Project includes survey, final design, wetland delineation, and permitting. This task will be completed using other funding sources to ensure that design and permitting is completed during the January-July 2021 timeframe and prior to the anticipated October 2021 construction window.



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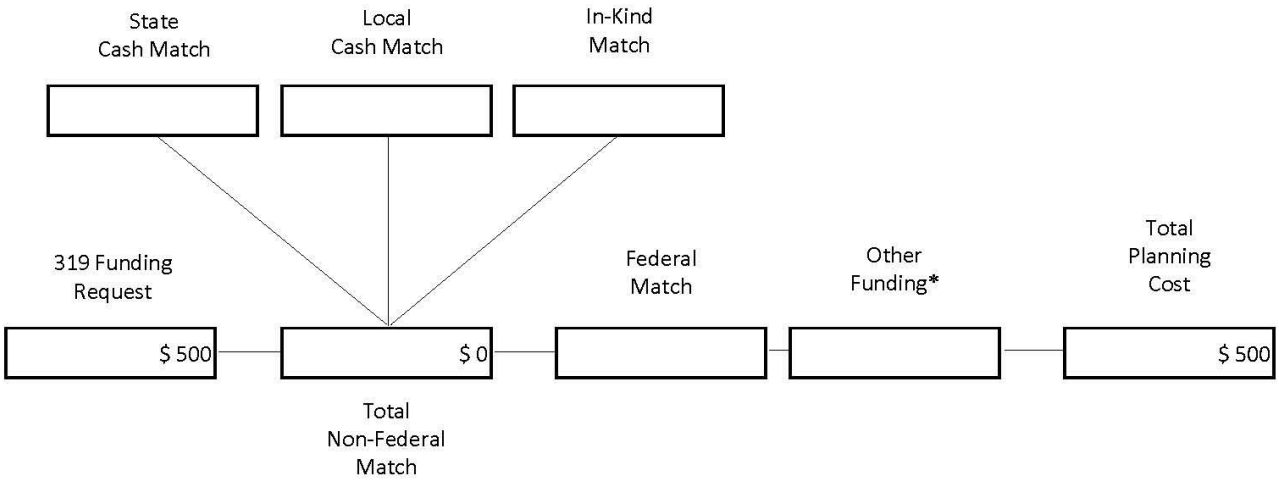
Landowner Agreements, Operation and Maintenance
This task only applies to projects involving on-the-ground activities. DEQ periodically evaluates the effectiveness of each on-the-ground project. To accomplish this, DEQ requires a process be in place to allow periodic access to the project site. The landowner agreement should also specify the roles of each project partner in the design, implementation and continued operation of on-the-ground pollution prevention practices. DEQ does not require the use of a specific landowner agreement template. In some situations, existing agreements between the project sponsor and the landowner may be sufficient.

Task 2 - Landowner Agreements, Operation and Maintenance Deliverables *(Include such things as landowner/sponsor communication, and draft and final agreements.*

The existing landowner agreement with Steve Carlson will be updated to include the Phase 3 reach, while a new landowner agreement will be developed with Kevin Thompson, who owns the uppermost portion of the Phase 3 reach.



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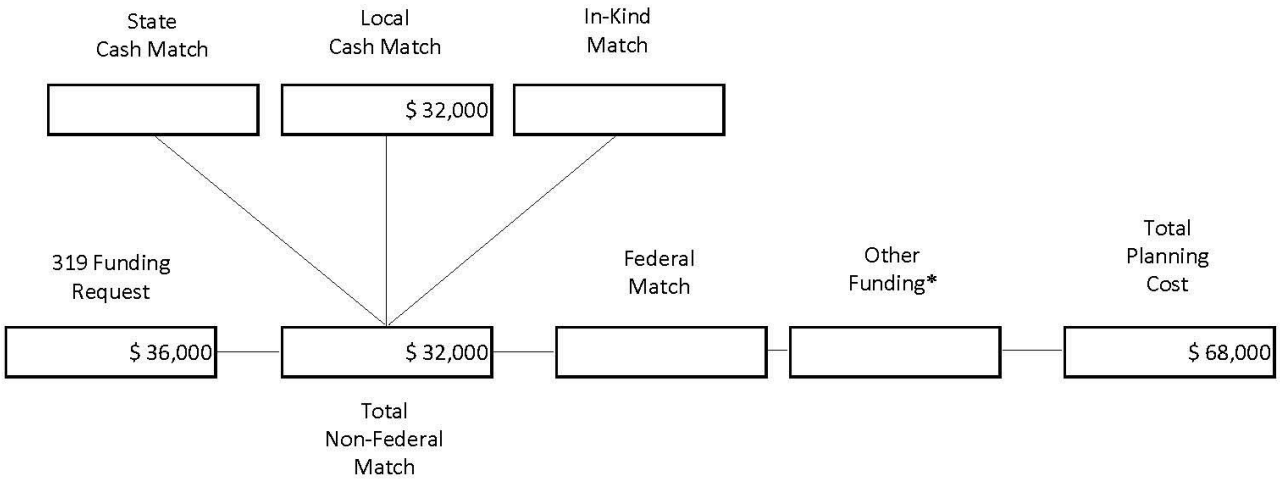
Project Implementation

Task 3 - Project Implementation Deliverables *(Include such things as construction oversight, implementation of on-the-ground restoration practices, preparation and submittal of as-built drawings, etc.)*

Project implementation will include construction contractor fees, along with construction oversight and revegetation, which will be supported by project partners, Gillilan and Associates and Sundog Ecological. To implement Phase 3 on-the-ground, vertical eroding streambanks will be restored to slopes suitable for woody riparian plantings and will include construction of a bioengineered inset floodplain bench at the toe of the treated banklines composed of native-sized gravel and cobble, along with sedge, brush and willow clump transplants. The opposite vegetated bankline will be graded as a point bar after the vegetated surface composed of sod, grasses and woody vegetation is removed and utilized in the construction of the new bankline. In addition, riffles will be enhanced with additional cobbles (referred to as "channel plugs" in the conceptual design) to effectively raise the streambed up and enhance floodplain reconnection, while also jump-starting sediment transport processes that will scour out excess fine sediment that has accumulated on the streambed. Eight streambanks totaling approximately 824 feet (0.16 miles) of bankline will be treated over an approximately 2,064-foot (0.39 mile) project reach. Project implementation deliverables will include the final design plans and approved permits.



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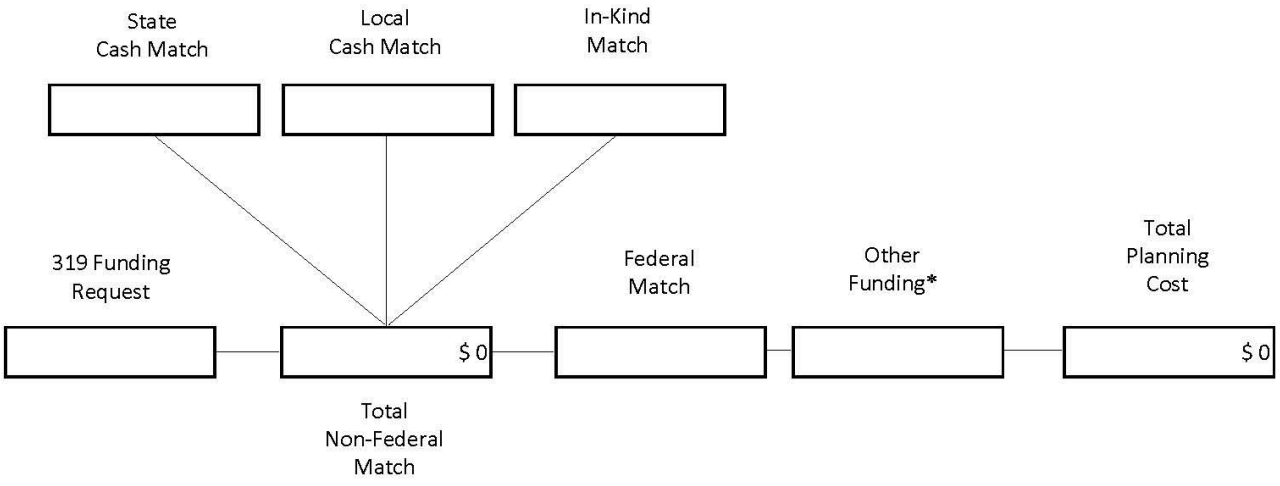
Other Activities

Use this task if the activities you are proposing are outside the scope of the typical design/implement/monitor process. Provide sufficient details to enable application reviewers to successfully compare the nonpoint source pollution reduction benefits of your project to those of other projects in the applicant pool.

Task 4 - Project Deliverables *(Include activities you will complete and the products you will submit to demonstrate completion.)*

No other activities are planned at this time.



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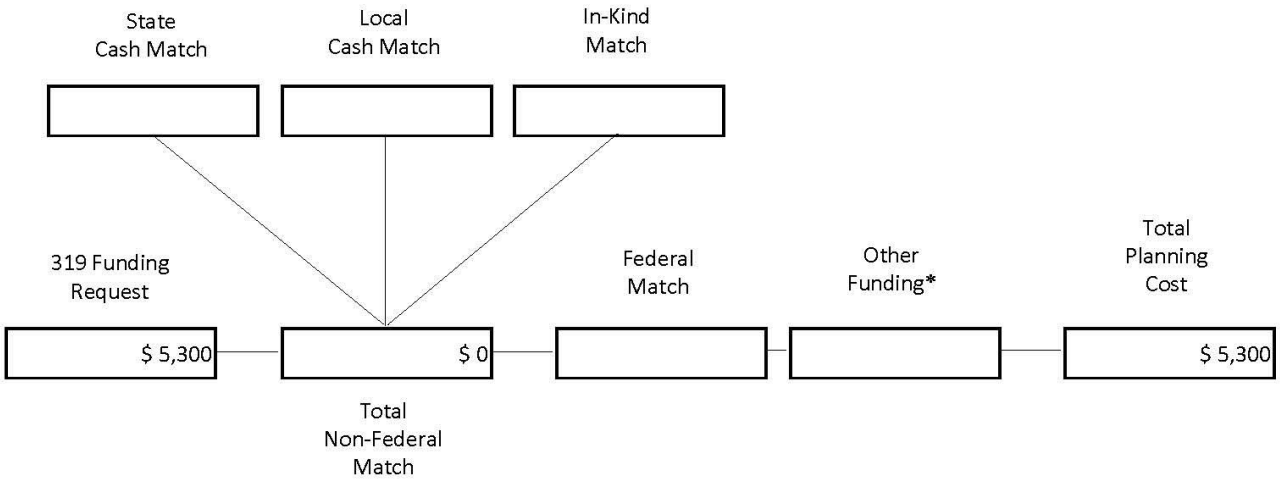
Project Effectiveness Monitoring

The short duration (1-3 years) and limited spatial extent (often just a few hundred yards) of most 319-funded projects frequently precludes the use of traditional water chemistry monitoring as a means of evaluating project effectiveness. Instead, DEQ encourages project sponsors to use simpler, more qualitative tools. Typically, this will include pre- and post-construction photo point monitoring, vegetation mortality measurements, and perhaps modeling to estimate pollution load reductions. Please contact one of the DEQ Nonpoint Source Program staff for guidance relative to your specific project.

Task 5 - Project Effectiveness Monitoring Deliverables *(Identify the specific tools and products you will use to evaluate and demonstrate the effectiveness of your project in reducing nonpoint source pollution.)*

Project effectiveness monitoring will include before and after photo point monitoring, along with sediment load reduction estimates based on before and after bank erosion measurements. Vegetation mortality rates will also be monitored. Project Effectiveness Monitoring Deliverables will include a report summarizing the monitoring results with before and after photos at predetermined photo points.



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Water Quality Benefits and Sustainability

Explain why the project is an appropriate next step for making progress towards removing a pollutant/waterbody combination from Montana's 2018 Impaired Waters List or preventing a healthy waterbody from becoming impaired?

Trout Unlimited, with support from Montana DEQ, is currently conducting a planning effort in the Dry Creek watershed to identify additional projects to reduced sediment loading. While still in progress, there is potential to continue working upstream from the Phase 3 reach and also to address channelized conditions and large eroding streambanks at the lower end of Dry Creek where it joins the East Gallatin River. Upstream of the confluence with Pass Creek, there is an opportunity to address large eroding streambanks in a severely entrenched reach of Dry Creek near the historic townsite of Menard. With an estimated sediment load reduction of 417 tons/year in Phase 1, the continued effort to restore these large eroding banks throughout the watershed will help ensure the achievement of the TMDL target of reducing sediment loads from eroding banks by a total of 31% or an estimated 984 tons/year.

Will your project address a major local source of nonpoint source pollution? Explain.

Yes, sediment loading from large streambanks along Dry Creek is a major source of sediment to the river system, including both Dry Creek and the East Gallatin River.

Describe the long-term, sustainable benefits your project will have on water quality.

Reduction of sediment loads from streambank erosion will reduce or eliminate this sediment source in the future. As the stream adjusts to the new sediment loads, flushing flows during runoff events will scour existing fine sediment deposits from the streambed, resulting in cleaner gravels for trout spawning and macroinvertebrate production.

Explain how your project will promote self-maintaining natural, ecological, and social processes that protect water quality.

Restoration treatments involve lowering large eroding streambanks and creating floodplain benches, while also enhancing existing riffles with gravel augmentations to effectively raise the elevation of the streambed locally to encourage access to the floodplain during high water events. Newly created floodplain surfaces will be planted with native vegetation, which will benefit from being planted within close proximity to base flow groundwater elevations.

Nonpoint Source Goals and Success Metrics

Nonpoint source pollution goal	Action that will be taken to reach the goal	Metric used to measure success
Reduce or eliminate sediment loading from 8 large eroding streambanks	Physcially lower eroding streambanks and construct a new bankline and floodplain bench using native materials, including cobbles, wetland sod, willow transplants, and containerized vegetation plantings	Sediment load reduction estimates, vegetation mortality counts, before and and photos at established monitoring points

Project Education and Outreach

Describe the educational benefits of your project. Will the project inspire additional nonpoint source pollution prevention work within the watershed?

Portions of Phases 1 and 2 of the Dry Creek Restoration Project are visible from the main road and have already inspired a downstream landowner to begin restoration planning on their property. In addition, two tours have been conducted of the project with various landowner and stakeholder groups in the Gallatin Valley. Phase 3 is expected to provide additional opportunities for stakeholder engagement by providing opportunities for stakeholders to witness restoration treatments evolve over time, with Phase 1 completed in 2019, Phase 2 completed in 2020, and Phase 3 targeted for 2021. Implementation of Phase 3 will keep this momentum going and provide inspiration for additional stream restoration and non-point source pollution control efforts in support of DEQ's upcoming focus on improving water quality in the Lower Gallatin TMDL Planning Area.

Bigger Picture Benefits

Describe your project's benefits to each of the items below. If there are no associated benefits, type "NA" for "not applicable".

Benefit to additional natural resources (e.g. native fisheries, threatened and endangered species, wetlands, etc).

Reduced sediment loading from large eroding streambanks will result in less fine sediment accumulation on the streambed, providing clean spawning gravels for trout.

Floodplain reconnection will result in expanded wetland and riparian habitat along reconstructed banklines and floodplain benches.

Addressing climate resiliency and hazard mitigation.

Reconnected floodplains provide natural water storage and slow the flow during high water events.

Provides direct public recreational access or aesthetic benefit.

Their are no public road crossings located within the project reach, though there are road crossings within close proximity, both upstream and downstream, that provide access opportunities for the angling public.

Aesthetic benefits include a wider floodplain and greater amount of riparian vegetation, along with decreased turbidity in the water from the reduced streambank erosion sediment loads.

Reduces pollutant loading above a permitted point source in a manner that could contribute to future economic benefit for a downstream Montana community.

Numerous communities are located downstream of Dry Creek, which flows into the East Gallatin River, Gallatin River, and Missouri River, which flows through much of central and eastern Montana before joining the Yellowstone River to form the Mississippi River, ultimately flowing into the Gulf of Mexico. Reducing pollutant loading in this headwater stream provides water quality benefits to this large river system.

Directly helps protect a drinking water source.

Helena, Montana is the next major city downstream that derives its drinking water from the Missouri River, to which Dry Creek is a headwater tributary.

Benefit to socially disadvantaged populations.

n/a

Additional Attachments

Attach additional items that could help reviewers better understand your project. Items could include site photos, design drawings, site evaluations, permits, etc. Please be conscious of reviewers' time, as they may not have time to read lengthy studies and reports. List all additional attachments below.

- [x] Phase 3 Site Photos
- [x] Phase 3 Conceptual Design
- [x] Phases 1 Before and After Photos
- [ ]
- [ ]
- [ ]
- [ ]
- [ ]

Dry Creek Restoration Project – Phase 3
2021 319 Nonpoint Source Funding Application

Attachment A

Letters of Support

GALLATIN WATERSHED COUNCIL

November 13, 2020

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

Dear Mr. Ockey,

The Gallatin Watershed Council welcomes the opportunity to provide our support for Trout Unlimited's (TU's) proposal to improve water quality in the Lower Gallatin Watershed with support from the 319 Grant Program. Having been a partner on the Dry Creek Restoration Project over the past several years, GWC has seen the commitment and dedication of the landowners and project stakeholders toward cooperatively improving water quality, restoring hydrologic connectivity and improving instream flows. The Phase 3 proposal will extend project work upstream, restoring an additional 824ft of eroding streambank and enhancing riparian buffers.

GWC developed the Watershed Restoration Plan for the Lower Gallatin Watershed, in conjunction with other community stakeholders and collaborating entities. Trout Unlimited's project goals are in alignment with the goals and direction of our watershed's WRP. GWC has supported riparian planting efforts for other phases of the Dry Creek Restoration Project by providing financial assistance and helping to coordinate volunteer planting days. We look forward to identifying ways to bring project support to this phase as well.

We value TU's experience and knowledge in watershed conservation and commend their leadership on this important project. The Dry Creek Project serves as a model for future cooperative projects in the area and we urge your full support.

Respectfully,

Holly Hill

Holly Hill
Executive Director
Gallatin Watershed Council

November 10, 2020

Mr. Mark Oakey
Watershed Protection Section
Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

Re: Dry Creek Restoration Project Phase III

Dear Mr. Oakey,

The Madison-Gallatin Chapter of Trout Unlimited (MGTU) is proud to be a partner in the ongoing effort to restore Dry Creek, which is a critical headwater tributary feeding the East Gallatin River. In support of this effort, MGTU provided volunteers for willow harvest and planting in Phase I and $25,000 in financial contributions for the recently completed Phase II. MGTU pledges additional support for Phase III of the Dry Creek Restoration Project, which builds upon the successful completion of Phases I and II. Reducing sediment inputs from large eroding banks on Dry Creek has directly benefited the restored reach and a reduction in fine sediment on the streambed is clearly visible. In addition, this reduction in sediment loading also benefits the East Gallatin River, which is a cherished local fishery. Phase III aims to further reduce sediment inputs from large eroding streambanks using native materials to restore riparian vegetation and reconnect the floodplain, which will further reduce sediment inputs to the stream, along with providing enhanced streamside shading.

Thank you for considering Trout Unlimited's grant application for Phase III of the Dry Creek Restoration Project.

Sincerely,

Mark Peterson, Board President
Madison-Gallatin Trout Unlimited

Madison-Gallatin Chapter of Trout Unlimited
PO Box 52, Bozeman, MT 59771
mgtroutunlimited@gmail.com

SIMMS

November 9, 2020

Mr. Mark Oakey
Watershed Protection Section
Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

Re: Dry Creek Restoration Project Phase III

Dear Mr. Oakey,

SIMMS supports Trout Unlimited's proposal to continue their restoration efforts on Dry Creek, which is a primary tributary to the lower East Gallatin and is critical to the long-term resilience of the Gallatin River system. Phase III of the Dry Creek Restoration Project builds upon the successful completion of Phases I and II and aims to further reduce sediment inputs from large eroding streambanks using native materials to restore riparian vegetation and connection with the floodplain.

The leadership team at SIMMS just committed to a 3-year project with Trout Unlimited, Gallatin Home Rivers Initiative, because we feel the Gallatin is a rare treasure for those who get to know it; but a history of intense use has left the Gallatin in a compromised condition. It will require hard work to restore the Gallatin to its full potential.

We believe that this project directly benefits the cold-water fisheries of this headwater stream in the Gallatin River watershed and offer our full support.

Thank you for considering this request for funding.

Sincerely,

Diane Bristol
Sr. Director, Employee & Community Engagement

PO Box 3645 | Bozeman, Montana 59772 | 177 Garden Drive | Bozeman, Montana 59718
Telephone 406 585 3557 | E-mail info@simmsfishing.com | www.simmsfishing.com

MSRH, LLC
POST OFFICE BOX 1797
BOZEMAN, MONTANA 59771
DIRECT DIAL: 952.454.5690
EMAIL: SBC@SAGEHORNLLC.COM

5 November 2020

Water Protection Bureau
Attention: Mark Oakey
Dept. of Environmental Quality
PO Box 20091
Helena, MT 59620

Re: Dry Creek Restoration Project Phase III

On behalf of Miller and Sons Ranch Holdings, LLC, I want to offer our financial support to the ongoing restoration efforts that are being guided by Trout Unlimited in the Dry Creek watershed located in Gallatin County, Montana.

With Phase I and II completed, we would like to participate in Phase III. We consider the projects to be tremendously successful and a benefit to all stakeholders.

Thank you for consideration of the merits of our application submittal.

Sincerely,

Stephen Carlson
Member
Miller and Sons Ranch Holdings, LLC

November 11, 2020

Mr. Mark Oakey
Watershed Protection Section
Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

Re: Dry Creek Restoration Project Phase III

Dear Mr. Oakey,

As a landowner along the proposed Phase 3 reach of the Dry Creek Restoration Project, I want to express my support for Trout Unlimited's project. My property is located upstream of Phases I & II and I appreciate the work the downstream landowner has completed with assistance from the Montana Department of Environmental Quality. I can attest that the completed restoration work in Phases I and II has greatly improved conditions within Dry Creek and I would like to see this great work continue along my property and throughout the Dry Creek watershed.

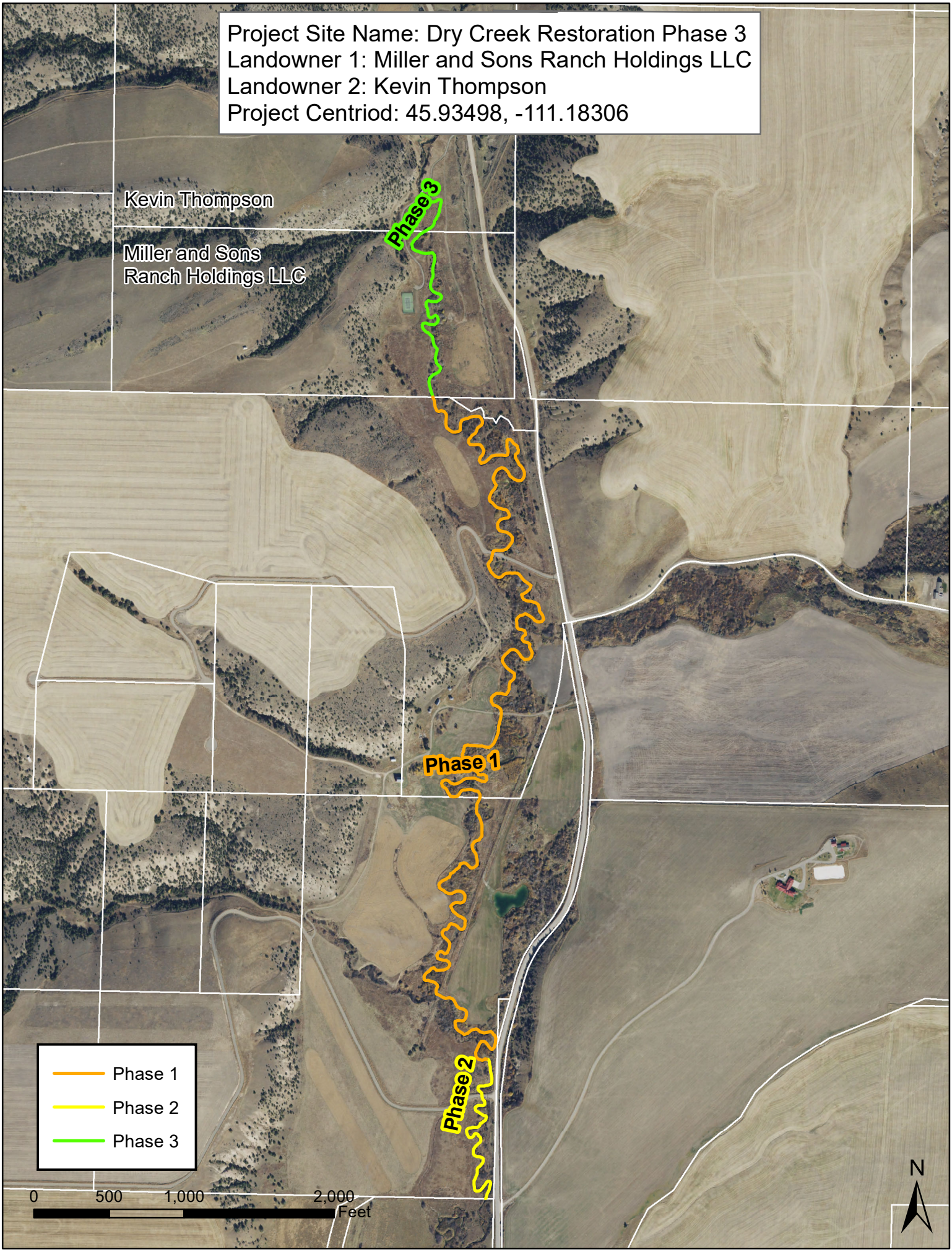
Thank you for considering this grant request.

Sincerely,

Dry Creek Restoration Project – Phase 3
2021 319 Nonpoint Source Funding Application

Attachment B

Project Area Map


Project Site Name: Dry Creek Restoration Phase 3
Landowner 1: Miller and Sons Ranch Holdings LLC
Landowner 2: Kevin Thompson
Project Centriod: 45.93498, -111.18306
Kevin Thompson
Miller and Sons Ranch Holdings LLC
Phase 3
Phase 1
Phase 2
Phase 1
Phase 2
Phase 3
0
500
1,000
2,000
Feet
N

Dry Creek Restoration Project – Phase 3
2021 319 Nonpoint Source Funding Application

Attachment C

Site Photos

Dry Creek Restoration Project – Phase 3

Typical Streambank Erosion Conditions – October 2020


10. 16. 2020


10. 16. 2020

Dry Creek Restoration Project – Phase 3
2021 319 Nonpoint Source Funding Application

Attachment D

Conceptual Design

2017 NAIP

14000

Steep Piles

Good Habitat

Channel Plug

Bedrock Ledge

Wetland

13500

Channel Plug

Relocate Channel

Tear Down High Bank

Channel Plug

13000

Grade Point Bar

Tear Down High Bank

Tear Down High Bank

Channel Plug

Good Willows

12500

Tear Down High Bank

Good Borrow

12000

Remove Pile

Tear Down High Bank

Tear Down High Bank

Tear Down High Bank

11500

Relocate Channel

Dry Creek - SxS
Conceptual Plan

0 100 200

Feet

N

DTM Consulting, Inc Bozeman, MT 406-585-5322

Dry Creek Restoration Project – Phase 3
2021 319 Nonpoint Source Funding Application

Attachment E

Phases 1 Before and After Photos – Photo Points 2, 3, 6, 11 and 12

PHOTO POINT 2: STREAMBANK 46 (XS 2/3) – VIEWED FROM DOWNSTREAM

Pre-construction 10/2/18

Year 1 8/6/19

Year 2 8/10/20

PHOTO POINT 3: STREAMBANK 41 (XS 10) – VIEWED FROM UPSTREAM

Pre-construction 10/2/18

Year 1 8/6/19

Year 2 8/10/20

PHOTO POINT 6: STREAMBANK 36 (XS 17/18) – VIEWED FROM DOWNSTREAM

Pre-construction 10/2/18

Year 1 8/6/19

Year 2 8/10/20

PHOTO POINT 11: STREAMBANK 21 (XS 34) – VIEWED FROM UPSTREAM

Pre-construction 10/2/18

Year 1 8/6/19

Year 2 8/10/20

PHOTO POINT 12: STREAMBANK 21 (XS 34) – VIEWED FROM DOWNSTREAM

Pre-construction 10/2/18

Year 1 8/6/19

Year 2 8/10/20

Dry Creek Restoration Project – Phase 3
2021 319 Nonpoint Source Funding Application

Attachment F

"Dark Money" Documentation

ATTACHMENT F – DECLARATION FORM

Declaration Form
Dark Money Spending Disclosure Requirements

Contracting Entity shall comply with the State of Montana Executive Order No. 15-2018 requiring the disclosure of dark money spending.

Definitions. As used in this declaration form, the following definitions apply:

Electioneering Communication: A paid communication that is publicly distributed by radio, television, cable, satellite, internet website, mobile device, newspaper, periodical, billboard, mail, or any other distribution of printed or electronic materials, that is made within 60 days of the initiation of voting in an election in Montana, that can be received by more than 100 recipients in the district in Montana voting on the candidate or ballot issue, and that:

a. refers to one or more clearly identified candidates in that election in Montana;

b. depicts the name, image, likeness, or voice of one or more clearly identified candidates in that election in Montana; or

c. refers to a political party, ballot issue, or other question submitted to the voters in that election in Montana.

The term does not mean:

a. a bona fide news story, commentary, blog, or editorial distributed through the facilities of any broadcasting station, newspaper, magazine, internet website, or other periodical publication of general circulation unless the facilities are owned or controlled by a candidate or political committee;

b. a communication by any membership organization or corporation to its members, stockholders, or employees;

c. a commercial communication that depicts a candidate's name, image, likeness, or voice only in the candidate's capacity as owner, operator, or employee of a business that existed prior to the candidacy; or

d. a communication that constitutes a candidate debate or forum or that solely promotes a candidate debate or forum and is made by or on behalf of the person sponsoring the debate or forum.

In this definition, the phrase "made within 60 days of the initiation of voting in an election" means:

a. in the case of mail ballot elections, the initiation of voting occurs when official ballot packets are mailed to qualified electors pursuant to 13-19-206, MCA; or

b. in other elections the initiation of voting occurs when absentee ballot packets are mailed to or otherwise delivered to qualified electors pursuant to 13-13-214, MCA.

Contracting Entity: A bidder, offeror, or contractor.

Covered Expenditure means:

a. A contribution, expenditure, or transfer made by the Contracting Entity, any of its parent entities, or any affiliates or subsidiaries within the entity's control, that:

   i. is to or on behalf of a candidate for office, a political party, or a party committee in Montana; or

   ii. is to another entity, regardless of the entity's tax status, that pays for an Electioneering Communication, or that makes contributions, transfers, or expenditures to another entity, regardless of its tax status, that pays for Electioneering Communication; and

b. The term excludes an expenditure made by the Contracting Entity, any of its parent entities, or any affiliates or subsidiaries within the entity's control made in the ordinary course of business conducted by the entity making the expenditure; investments; or expenditures or contributions where the entity making the expenditure or contribution and the recipient agree that it will not be used to contribute to candidates, parties, or Electioneering Communication.

Solicitation Requirements. The Contracting Entity shall disclose Covered Expenditures that the Contracting Entity has made within two years prior to submission of its bid or offer.

The disclosure of Covered Expenditures is only required by the bidder/offeror whenever the aggregate amount of Covered Expenditures made within a 24-month period by the bidder/offeror, any parent entities, or any affiliates or subsidiaries within the bidder/offeror's control exceeds $2,500.

If the bidder/offeror meets the disclosure requirements, the bidder/offeror shall submit this signed declaration form indicating "Yes" AND the required disclosure form with its bid/proposal.

If the bidder/offeror does NOT meet the disclosure requirements, the bidder/offeror shall submit this signed declaration form with its bid/proposal indicating "No".

Annual Contract Requirements. The Contracting Entity agrees that if awarded a contract and the contract term exceeds, or has the potential to exceed 24

months, it must annually review and complete a new declaration form and disclosure form, if necessary.

☐ Yes- I have read, understand, and meet the disclosure requirements for the 24 months immediately preceding the submission of this form. I will complete the necessary disclosure form and submit it with this form.

Company Name (Clearly Printed):

_____

Authorized Signature:

_____

Date: _____

☒ No- I have read, understand, and do NOT meet the disclosure requirements. I certify that the Contracting Entity has not made Covered Expenditures in excess of $2,500 in the 24 months immediately preceding the submission of this form.

Company Name (Clearly Printed):

Trout Unlimited, Inc.

_____

Authorized Signature:

Warren Colyer Digitally signed by Warren Colyer
DN: cn=Warren Colyer, o=Trout Unlimited, Inc., ou=Western Water & Habitat Program, email=wcolyer@tu.org, c=US.
Date: 2020.11.11 11:39:32 -07'00'

Date: 11 - 11 - 2020