DEQ
Montana Department of Environmental Quality

319 Nonpoint Source Final Project Proposal

FY2016 Final Proposals are due Monday, September 28, 2015

Section I: General Information

Project Title: Lake Helena WRP Implementation Project

Project Sponsor Information

Sponsor Name: Lewis & Clark County Water Quality Protection District

Registered with the Secretary of State? Yes

Registered with SAM? Yes

County: Lewis & Clark

Website: www.lccountymt.gov/health/water

Tax Identification # 81-6001383

DUNS # 06-027-3687

Primary Contact	Jennifer McBroom	Signatory	Andy Hunthausen
Title	Outreach and Watershed Coordinator	Title	Lewis & Clark County Commission Chair
Address	316 North Park Ave, Room 230	Address	316 North Park Ave
City	Helena	City	Helena
State	Montana	State	Montana
Zip Code	59623	Zip Code	59623
Phone Number	406-457-8584	Phone Number	406-457-8304
Fax Number	406-447-8398	Fax Number	406-447-8370
E-mail Address	jmcbroom@lccountymt.gov	E-mail Address	ahunthausen@lccountymt.gov
Signature	Jennifer McBroom	Signature	ATTEST: Paulette DeHart, Clerk of the Board

Project Location

12 Digit HUC #(s): 100301011504

(1) Waterbody Name from 2014 List of Impaired Waters: Prickly Pear Creek

(1) Probable cause(s) of impairment to be addressed (ex. metals): sediment, nutrients, temperature

(2) Waterbody Name from 2014 List of Impaired Waters: Sediment impaired streams within Lake Helena Watershed

(2) Probable cause(s) of impairment to be addressed (ex. metals): sediment, alteration in vegetative cover

(3) Waterbody Name from 2014 List of Impaired Waters:

(3) Probable cause(s) of impairment to be addressed (ex. metals):

Activity 1 Name	Tryan Project	Latitude (1)	46.65538	Longitude (1)	-111.97569
Activity 2 Name	BMP assistance in watershed	Latitude (2)		Longitude (2)	
Activity 3 Name	Education and outreach	Latitude (3)		Longitude (3)	

Nonpoint Source (NPS) Information

Which WRP does the project implement? Lake Helena

What is the WRP status? Under Development

Does the project address impairments identified in a TMDL? Yes

Waterbody Type: River/Stream

Functional Category: BMP Effectiveness Monitoring

1st Pollution Category	Agriculture (Grazing Related Sources)	Percent of Total (%)	30
2nd Pollution Category	Hydromodification (Channel Erosion/Incision)	Percent of Total (%)	30
3rd Pollution Category	Hydromodification (Channelization)	Percent of Total (%)	30
4th Pollution Category	Hydromodification (Removal of Riparian Vegetation)	Percent of Total (%)	10

Project Funding

319 Funds Requested	$93,611.00	Does the project sponsor have any open 319 contracts?	Yes
Matching Funds		Project Title	Lake Helena Watershed Restoration Project
State Cash Match		DEQ Contract Number	211072
Local Cash Match	$22,000.00	319 Award	$180,370.00
In-Kind Match	$43,000.00	Projected Closing Date	December 31, 2015
Total Match	$65,000.00	Project Title	
Other Federal Funds		DEQ Contract Number	
Total Project Budget	$158,611.00	319 Award	
Administrative Fee	$9,361.00	Projected Closing Date	

Section II: Project Description

Goal and Objectives: Describe the overall goal and specific objectives for this project.

The overall goals of this project is to improve water quality in the Lake Helena Watershed.
1. Start the first phase of designing, conducting project engineering review as required, applying for and securing required permits for restoration work on Prickly Pear Creek (Tryan Project).
2. Provide funding assistance to small landowners to implement sediment best management practices (BMPs) on local impaired creeks.
3. Monitor restoration project(s) according to DEQ standards in addition to evaluating O & E activities effectiveness.
4. Conduct outreach and education about project activities, restoration opportunities, and NPS water quality issues of the watershed.

Methods: Describe the approach selected to address/correct the problem(s), e.g. types of BMPs to be installed, and other important activities.

Stream restoration project (Task 1) will be designed to address instability and excessive erosion from previous agricultural practices and stream incision and limited floodplain access. Methods will include channel realignment, installation of tree revetments, root wads and rock to control erosion, reestablishment of riparian vegetation, and enlargement of channel flood storage capacity.
Types of sediment Best Management Practice (BMPs) to be considered for Task 2 include remote water alternatives, water gaps, riparian fencing, revegetation of riparian zones, riparian and/or cropland buffers, stream bank improvements, and grazing management plans. O&E activities including support of Lake Helena Watershed Group (LHWG), watershed festival, Water Watchers, and Big Sky Watershed Corps activities that will support both efforts to move the Tryan Project forward, conduct outreach activities to landowners to participate in the BMP assistance task, and educate landowners, general public, and youth about non-point source pollution causes, impacts, and options to address. The Watershed Restoration Plan has these activities planned and this Project is intended to implement these priorities of the plan.

Summary: Provide a brief summary of the project.

Agriculture and hydrologic modification - Grazing in riparian areas and channelization name only a couple of the top ten confirmed sources of Non Point Source pollution(NPS) impairment by DEQ, 2012. With this project, Task 1 will start the process of reducing NPS with a willing landowner along the stream banks of lower Prickly Pear Creek that have little or no riparian vegetation referred to as the Tryan Project. The banks present are with eroding banks due to grazing by livestock and stream channel incising with limited floodplain connection. The first phase of the Tryan Project is to design the project and obtain the necessary permits for the project.
Task 2 will provide assistance to smaller landowners to implement BMPs to help reduce sediment and potentially nutrients while improving water temperatures and riparian and aquatic habitat along sediment impaired stream in the watershed. The WRP designates lower Prickly Pear Creek as a priority area for this type of stream restoration to address NPS impacts and sediment impaired stream reaches are another priority designation of the WRP within the watershed. Monitoring and/or evaluating the BMP sediment reduction levels and evaluating the outreach and educational components of the project are Task 3 activities.
The first step in protecting our waters is to educate people about how their actions affect Montana's water quality. The grant project is targeting several audiences through it's activities. The LHWG activities and the annual watershed festival reaches a general population and shows actual work that has been done to improve water quality in the watershed with initial contact with landowners. The Water Watchers program is directed to all the 4th and 5th graders in the Helena and East Helena area with classroom lessons and field trips to both Prickly Pear and Tenmile creeks demonstrating the impact of NPS pollution, its causes and remedies that can translate to parents.

Section III: Background Information

Statement of Project Need and Intent

Stream banks along lower Prickly Pear Creek have little or no riparian vegetation present with eroding banks due to grazing by livestock and other land practices, lowered water table that has led to stream channel incising and restricted access to the channel's historic floodplain. Reestablishment of natural stream channel function, channel point bars and sloped streambanks, adding flood capacity within the stream channel and stream riparian woody vegetation will significantly reduce sediment loads to the creek. Sediment is the most cited NPS pollutant leading to more impaired stream segments within Lake Helena Watershed. BMP implementation by willing landowners has been a proven method of addressing problem sites by the WQPD and previous grant projects. Opportunities with funding to work with and educate landowners of land on impaired listed streams is beneficial to implementing volunteer TMDL reductions as recommended in the watershed TMDL document.
Outreach and education is the only way to connect with landowners to communicate regarding water quality issues, gain acceptance, and to establish partnerships in implementing NPS pollution reductions.

Describe the pre-project planning that has already occurred.

Stream restoration projects have been discussed with the Tryans for several years. The landowner's interest in a collaborative project increased recently when area stream restoration work was conducted on two projects on the creek adjacent to and upstream from proposed project. Seeing the success of the previous restoration work has given the landowners confidence in WQPD's ability to deliver an improved riparian zone with reduced sediment loading without neglecting the landowner's need to maintain a working ranch and grazing program in the riparian zone. Discussions have included potential partners, funding sources, and landowners about the scope of the project, potential changes to the stream channel, and the grazing management changes a project will require to be successful.
The WQPD received a Regional Geographic Initiative Grant from the EPA from 2007 to 2010 that provided a BMP implementation program as requested in this project. That grant supported five BMP implementation projects including water gaps, alternative stock watering, riparian fencing, and riparian revegetation that ranged from $3,000 to $6,000 per project. These were very successful in establishing BMPs that beneficially impacted impaired streams. The feedback from the landowners involved was very positive and has led to more improvements and stream restoration activities with some of these landowners.
The Water Watchers Program has been extremely successful in educating about 1500 students a year in water quality since 1994. The LHWG has been conducting programs and outreach since 2003 and the Watershed Festival has been increasing attendance since 2007.

Collaborative Effort: Describe the collaborative effort you have engaged in to ensure support from all appropriate partners.

Alan McNeal (McNeal Resources), Eric Roberts, (FWP), staff from WQPD and LHWG have had site visits in the past month along with the landowners Laurie and Rick Tryan to discuss restortoration work and grazing management options. Discussions regarding partnerships with NorthWestern Energy to access their FERC conservation funding for the Tryan Project have been initiated and will be discussed at their December planning meeting. Possibility of requesting a FWP Future Fisheries Grant for the project has also been discussed. Lewis & Clark County Public Works Dept. has already agreed to donate the larger rock needed for the Tryan Project.
The WQPD has had previous experience in implementing both major stream restoration projects such as proposed for the Tryan project and landowner BMP assistance program as proposed with previous funding from EPA. Both types of projects have been very successful in engaging landowner participation in addressing NPS pollution and actually reducing the targeted pollutants within the projects. The Lake Helena Watershed Group and the watershed festival are outreach activities that have been very effective in connecting with prospective landowners for implementing land practices that benefit water quality improvements.

Partners and Roles: Identify the project partners and their roles.

Partner	Role
Rick and Laurie Tryan	Stream Restoration Project site landowners
Fish, Wildlife and Parks	Project Partner, possible funder through Future Fisheries
Lake Helena Watershed Group	Project Partner, volunteer source
Northwestern Energy	Project Partner, possible funder
Various Landowners	Potential BMP Project Partners

Technical and Administrative Qualifications

The WQPD has established a history of working with all sectors of the community in water quality improvements since its formation in 1992. The LHWG has an open membership and consensus based decision process. Mailing lists for the groups number over 850 individuals, representatives of state & federal agencies, local governments, environmental groups, conservational districts, and all types of landowners. The WQPD Outreach & Watershed Coordinator will act as the Project Manager (PM). This individual also presently serves as the LHWG Coordinator. The PM will oversee the planning and development of the stream restoration plan, implementation of the BMP implementation task, monitoring, and coordination of the outreach and education activities. The Project as outlined in the Scope of Work (SOW) constitutes an effort to implement the 2006 Watershed Framework Restoration Plan (TMDL). The WQPD is the ideal agency for managing the project, as an established part of the local county government with a mission to preserve, protect, and improve water quality. The WQPD coordinates the Lake Helena Watershed Group activities, and routinely works to address public concerns on water-related issues. Since its formation, the WQPD has received and successfully managed numerous water-quality related grants, as outlined in the following Table. The WQPD has successfully worked with landowners to plan, fund, and construct several stream restoration projects in the watershed and has built established relationships with collaborating agency and partners in these types of projects.

Past and Current Projects

Funding Organization	Award Amount	Project Description	Project Status	Contact Information
MDEQ	$180,370.00	Lake Helena Restoration Project- -Develop watershed restoration plan -Prickly Pear Creek restoration project -Watershed and project effectiveness monitoring -Prickly Pear Creek Re-watering in 2013	In progress	Robert Ray -DEQ Tele: 406-444-5319 email: rray@mt.gov & Mark Ockey - DEQ Tele: 406-444-5351 email: mockey@mt.gov
MDEQ	$77260.00	Helena Valley Nonpoint Assessment Project - groundwater project -Surface and groundwater monitoring for nutrients -Analysis of valley groundwater drains and nutrient levels -BMP Assessment document -Outreach & Education activities	Completed-June 2015 Final Report in process.	Robert Ray Tele: 406-444-5319 email: rray@mt.gov & Mark Ockey - DEQ Tele: 406-444-5351 email: mockey@mt.gov
MDEQ	$125,000.00	Helena Area Ground Water Project, Phases I and II - Conduct groundwater sampling semi-annual and monthly for nutrient issues. -Establish gw/sw interaction monitoring network -Conduct isotope sampling for nutrient sources -Outreach & education activities.	Phase I: Completed June 2011 Phase II: Completed September 2012	Robert Ray - DEQ Tele: 406-444-5319 email: rray@mt.gov
USEPA	$48583.00	Lake Helena Watershed Riparian Ag Project - EPA Regional Geographic Initiative Grant. -Outreach & Education: Landowner contacts & solicitation for riparian projects. -Riparian Agricultural Lands Projects: BMP Implementation -Agricultural Water WQ Improvement Study	Completed-December 2010	Peter Ismert - EPA Tele: 303-312-6215 email: ismert.peter@epa.gov
MDEQ	$64296.00	Prickly Pear-Lake Helena Project - - Coordination of Watershed Group(s) - Water Watchers Program - Septic Maintenance District Planning	Completed - June 2009	Robert Ray - DEQ Tele: 406-444-5319 email: rray@mt.gov

Section III: Scope of Work

Task 1 Title Tryan Project

Description

Goals of the project work are to develop a stream restoration project on approximately 2100 linear feet of Prickly Pear Creek that will result in a reduction of soil erosion and sedimentation, lower stream water temperature, improve stream function and increase channel flood storage capacity. Methods will be stream channel reconfiguration and bank modifications with tree revetments, rock, and root wads and re-vegetation with woody riparian vegetation in accordance with the site design involving stream restoration goals. Also the project will include riparian fencing of the stream channel area with grazing management planning for the site.
A onsite Helena Valley Irrigation District (HVID) drain enters Prickly Pear Creek within the project area. Work on habitat improvements and minor modifications to address sediment loading by this tributary will be considered in the design of this project if approved by the HVID and the U.S. Bureau of Reclamation.
This phase of the project is to develop the project site design, gain landowner agreements for the project development and long-term maintenance, and initiate the process to obtain the required permits to construct the project. This may require an engineering study of the project design regarding floodplain changes to the FEMA Detailed Study Area for this site and a resulting FEMA LOMR application. Materials for the project are not found on the site itself (rock, gravels, trees for revetments and root wads) and will have to be acquired off-site and transported the site and stockpiled for future construction use.

Deliverables

Site survey of channel
Project Design documents & Mapping
Comprehensive Stream Permitting Application
County Floodplain Application
Copies of Project permits issued
Floodplain Project Engineering Review
FEMA LOMR Application (if required)

List of materials acquired and transported to the site.

Task 1 Funding

319 Funds	$40,000.00
Non-Federal Match	$15,000.00
Other Federal Funds	
Total Cost	$55,000.00
Is Match Secured?	Yes

Timeline July 2016-June 2019

Match Source WQPD Staff time, materials donations,

Task 2 Title BMP's assistance to small landowners

Description

Installation of sediment BMP's such as water gaps, riparian fencing, remote watering, riparian planting and vegetative buffers will be conducted with interested landowners on sediment impaired stream reaches throughout the watershed. The goal of the installation of BMPs will be to reduce the rate of erosion which will ultimately reduce sediment entering the stream and potentially reduce temperatures in streams (revegetation) and nutrient loading (grazing management) also. The project will provide a financial assistance for the BMP installation with willing landowners including a match requirement to provide a landowner stake in the practice.
The effort would include landowner outreach (see Task 4), project development, and financial assistance to implement appropriate agricultural lands best management practices projects that demonstrate sound environmental stewardship. The assistance for project construction would include funding, planning, and management assistance.

Deliverables

Contractor shall submit to DEQ the following deliverables:
Project planning
Photo point documentation (before and after)
Landowner agreements

Task 2 Funding

319 Funds	$20,000.00
Non-Federal Match	$20,000.00
Other Federal Funds	
Total Cost	$40,000.00
Is Match Secured?	No

Timeline July 2016-June 2019

Match Source WQPD staff time, landowner match on projects

Task 3 Title Monitoring

Description

Contractor shall develop the following materials to evaluate the effectiveness of outreach and education activities.
(1)Evaluations for the teachers and youth of the Water Watchers program to measure the effectiveness of its activities and record the number of attendees. There are many components to the program; classroom discussions on NPS pollution, field trips to both Prickly Pear and Tenmile Creeks sampling water quality, discussing riparian vegetation, and land uses in the area. These topics will be included in the evaluations.
(2)The LHWG generally meets quarterly and produces two or more newsletters a year. These activities are forums for discussion, educating and informing on projects conducted in the watershed. Evaluating on the number of attendees to meetings and presentational materials will be conducted.
(3)The Watershed Festival is an annual event with displays and educational booths that demonstrates and educates the public on restoration projects and the results from such projects that are conducted in the watershed. Funding will provide for supplies to produce the evaluations that will record attendees and comments on effectiveness.
(4) Estimate load reduction resulting from BMP implementation projects.

Deliverables

Contractor shall submit to DEQ the following deliverables:
1. Evaluations for the Water Watchers program
2. LHWG sign in sheets and agendas of the meetings
2. Evaluations to the participants and public on the Watershed Festival
4. Load reduction estimates for BMP projects

Task 3 Funding

319 Funds	$750.00
Non-Federal Match	$1,000.00
Other Federal Funds	
Total Cost	$1,750.00
Is Match Secured?	

Timeline July 2016-June 2019

Match Source WQPD staff time

Task 4 Title Outreach and Education

Description

Contractor shall conduct the following outreach and education activities:
(1). Lake Helena Watershed Festival (2). Water Watchers (3). Lake Helena Watershed Group and (4). Big Sky Watershed Corps member.
Funding will provide for the Lake Helena Watershed Festival which is an annual event located at a local Helena park that reaches over 500 people. The festival is comprised of exhibits from over 20 state, federal, local agencies and non-profit groups that inform and educates the public on restoration projects and other activities that affect water quality in our watershed. It is also a way to gather interest from the public and potentially conduct future restoration work.
The Water Watchers program consist of classroom discussion, field trips to both Prickly Pear and Tenmile Creeks that involve stream sampling, non point source, riparian vegetation, and land use discussion takes place. Educating and changing attitudes to over 1500 youth, teachers, and parents through these activities. Funding will provide bus transportation to field trips for the 4th graders in the Helena and East Helena area.
Funding will provide the LHWG means to produce and mail two or more newsletters a year.
Partial funding for a Big Sky Watershed Corps member for two years that will assess and recruit landowners to conduct sediment BMPs on their property, assist in the Tryan restoration project, and educate youth, landowners and the watershed community on NPS issues.

Deliverables

Contractor shall submit to DEQ the following deliverables:
1. Brochure, posters, and any publication campaigns of the festival
2. Bus transportation billing and attendee count-Water Watcher
3. LHWG newsletters
4. BSWC contract and reports

Task 4 Funding

319 Funds	$23,500.00
Non-Federal Match	$28,000.00
Other Federal Funds	
Total Cost	$51,500.00
Is Match Secured?	Yes

Timeline July 2016 to June 2019

Match Source WQPD staff time, event participation

Task 5 Title Project Administration

Description

Contractor shall oversee and be accountable for the completion of all tasks. Contractor shall prepare and submit billing statements, status reports, annual reports, and a final report. Contractor shall maintain regular contact as defined by the DEQ project manager. Lewis & Clark County will assess a administrative charge of 10 percent of the total grant award.

Deliverables

Billing statement
Status reports
Annual Reports
Final Reports

Task 5 Funding

319 Funds	$9,361.00
Non-Federal Match	$1,000.00
Other Federal Funds	
Total Cost	$10,361.00
Is Match Secured?	Yes

Timeline July 2016 to June 2019

Match Source WQPD staff time

Task 6 Title

Description

Deliverables

Task 6 Funding

319 Funds	
Non-Federal Match	
Other Federal Funds	
Total Cost	
Is Match Secured?	

Timeline

Match Source

Section IV: Supporting Documents

Detailed Project Budget

Task Number and Specific Action	319 Funds	State Cash Match	Local Cash Match	In-Kind Match	Federal Funds	Total Costs
Task 1: Design	$10,000		$10,000			$20,000
Task 1: Permitting & Engineering Review	$25,000					$25,000
Task 1: Materials	$5,000			$5,000		$10,000
Task 2: Sediment BMPs for small landowners	$20,000			$20,000		$40,000
Task 3: Monitoring O&E activities	$750		$1,000			$1,750
Task 4: Outreach and Education Watershed Festival	$6,000			$5,000		$11,000
Task 4: O & E Water watchers	$4,500			$10,000		$14,500
Task 4: O&E LHWG newsletters	$3,000			$3,000		$6,000
Task 4: O&E BSWC	$10,000		$10,000			$20,000
Task 5: Administration	$9,361		$1,000			$10,361
TOTAL	$93,611		$22,000	$43,000		$158,611

Project Milestone Table: Complete the following Project Milestone Table by entering task numbers and titles in the left hand column, then check the box(es) for the appropriate quarter(s) and years(s) in which you will be working on the task.

Milestone	Spring 2016	Summer 2016	Fall 2016	Winter 2016	Spring 2017	Summer 2017	Fall 2017	Winter 2017	Spring 2018	Summer 2018	Fall 2018
Task 1:Design	■	■	■	■	■	☐	☐	☐	☐	☐	☐
Task 1:Permitting & Energineering Review	☐	☐	■	■	■	☐	☐	☐	☐	☐	■
Task 1:Materials	■	■	■	■	■	■	■	■	■	■	■
Task 2: Sediment BMPs assistance to landowners	■	■	■	■	■	■	■	■	■	■	■
Task 3: Monitoring Project/LHWG/ WW/Festival	■	■	■	■	■	■	■	■	■	■	■
Task 4: Outreach and Educational activities	■	■	■	■	■	■	■	■	■	■	■
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	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Submit **project map(s)** and **letters of support (at least 3)** along with the Final Project Proposal form. If your organization is not the author of the WRP you hope to implement, you must request a letter of support from the original authoring entity. If the authoring entity refuses to provide a letter of support, use the additional space at the end of the application to describe their response. If design drawings are available, provide those as well. For on-the-ground work, include copies of applicable permits if available.

- ☒ Project Map
- ☒ Letters of Support
- ☐ Design Drawings
- ☐ Applicable Permits
- ☒ Draft of amended WRP (if applicable)
- ☒ Photos
- ☐ Landowner Agreements

Use the space provided for any additional information that may not have been captured elsewhere in this Final Project Proposal

LEWIS & CLARK CONSERVATION DISTRICT

790 Colleen Street • Helena, Montana 59601 • 449-5000 ext. 112 • Fax (406) 449-5039

September 22, 2015

Robert Ray, Manager
Watershed Protection Section
Water Quality Planning Bureau
MTDEQ
PO Box 200901
Helena MT 59620-0901

RE: Lake Helena Watershed Restoration Implementation Project

To whom it concerns:

The Lewis & Clark Conservation District strongly supports the above referenced grant application. The Conservation District has been very supportive of work that the Lake Helena Watershed Group and the Lewis & Clark Water Quality Protection District have done in the Lake Helena Watershed over the years.

Permitting has become an onerous task for these kinds of projects as we recently witnessed with the Elliot Prickly Pear Project. Material costs have risen immensely over the years and this is quite a large project. The Conservation District has been interested in helping Rick Tryan for years and it would great to see this project begin moving forward into the planning stages.

In addition Tryan's project, there are many other landowners in the watershed who need assistance in implementation of sediment BMP's. All of these smaller projects add up to a much greater "whole" than one would imagine.

Please consider funding this application.

If you need additional information or if you have any questions, please contact me at 449-5000 ext. 112.

Sincerely,

LEWIS & CLARK CONSERVATION DISTRICT

Chris Evans
District Administrator

Montana Fish, Wildlife & Parks

September 10, 2015

PO Box 200701
930 Custer Ave W
Helena, MT 59620

Robert Ray
Montana DEQ
Water Quality Planning Bureau
PO Box 200901
Helena, MT 59620-0901

Dear Robert,

I am writing this letter to support the proposed Lake Helena WRP Implementation Project recently submitted by the Lewis & Clark WQPD for funding through the Clean Water Act Section 319 grant program. The proposed project includes 5 tasks aimed at improving water quality and reducing nonpoint source pollution in the Lake Helena watershed.

I have consulted with the WQPD on the proposed project, and concur that the proposed project will improve water quality by reducing sediment and nutrient loading and reducing water temperatures. Measures taken to reduce water quality impairment will also improve fish habitat. Stream bank treatments and realignment where needed will substantially reduce the rate of bank erosion. Vegetating the stream banks will not only reduce the rate of erosion, but will also reduce stream temperatures through shading. Use of large woody debris along with stream bank vegetation will hold stream banks in place while providing excellent fish habitat.

I believe the tasks outlined in the proposal will greatly benefit water quality and fish habitat in Prickly Pear Creek, as well as allow opportunity to implement BMPs to address water quality impairment throughout the Lake Helena watershed. I look forward to continuing work with the WQPD on this project, as well as other projects that arise.

Sincerely,

Eric Roberts
Helena Area Fish Biologist

CC: Mark Ockey, DEQ
Jim Wilbur, WQPD
Jennifer McBroom, WQPD

316 North Park Ave, Room 220
Helena, MT 59623

September 22, 2015

Robert Ray, Manager
Watershed Protection Section-Water Quality Planning Bureau
MT Dept. of Environmental Quality
PO Box 200901
Helena, MT 59620-0901

Dear Mr. Ray:

The Lake Helena Watershed Group (LHWG) steering committee would like to offer its support for the DEQ 319-grant proposal - Lake Helena WRP Implementation Project. The Lewis & Clark County Water Quality Protection District's (WQPD) grant proposal for water quality activities within the Lake Helena watershed will help in its direction to preserve, protect, and improve our water resources.

This project supports our LHWGs commitment to protecting water resources for the benefit of the community and watershed. The funding of this project would continue the on-going efforts of the LHWG to improve water quality and provide a voice for stakeholders of the watershed in the water quality restoration efforts called for by the TMDL and the proposed watershed restoration plan expected for approval in December 2015. Additionally, this project is in keeping with a long-time goal of the LHWG to re-establish a healthy riparian zone along the stream segment from York Road to Sierra Road in the Helena Valley.

Education and outreach to children and other members of the community and the construction of stream improvements, restoration projects, and best management practices have been the primary objectives of the LHWG. We hope these efforts will continue with assistance of the WQPD and funding of this proposal.

Respectfully on behalf of the group,

Robert R. Alexander, Chair
Lake Helena Watershed Group
Steering Committee

September 23, 2015

Robert Ray, Manager
Watershed Protection Section-Water Quality Planning Bureau
MT Dept. of Environmental Quality
PO Box 200901
Helena, MT 59620-0901

Dear Mr. Ray:

This letter is to express our support of the Lewis & Clark County Water Quality Protection District's (WQPD) 319-grant proposal entitled, "Lake Helena WRP Implementation Project". We have been in discussion with the WQPD for a number of years about possible work on our property. With the recent work that has been completed on Prickly Pear Creek we are encouraged to move forward with this stream improvement project. The WQPD has our support in implementing restoration work on our property.

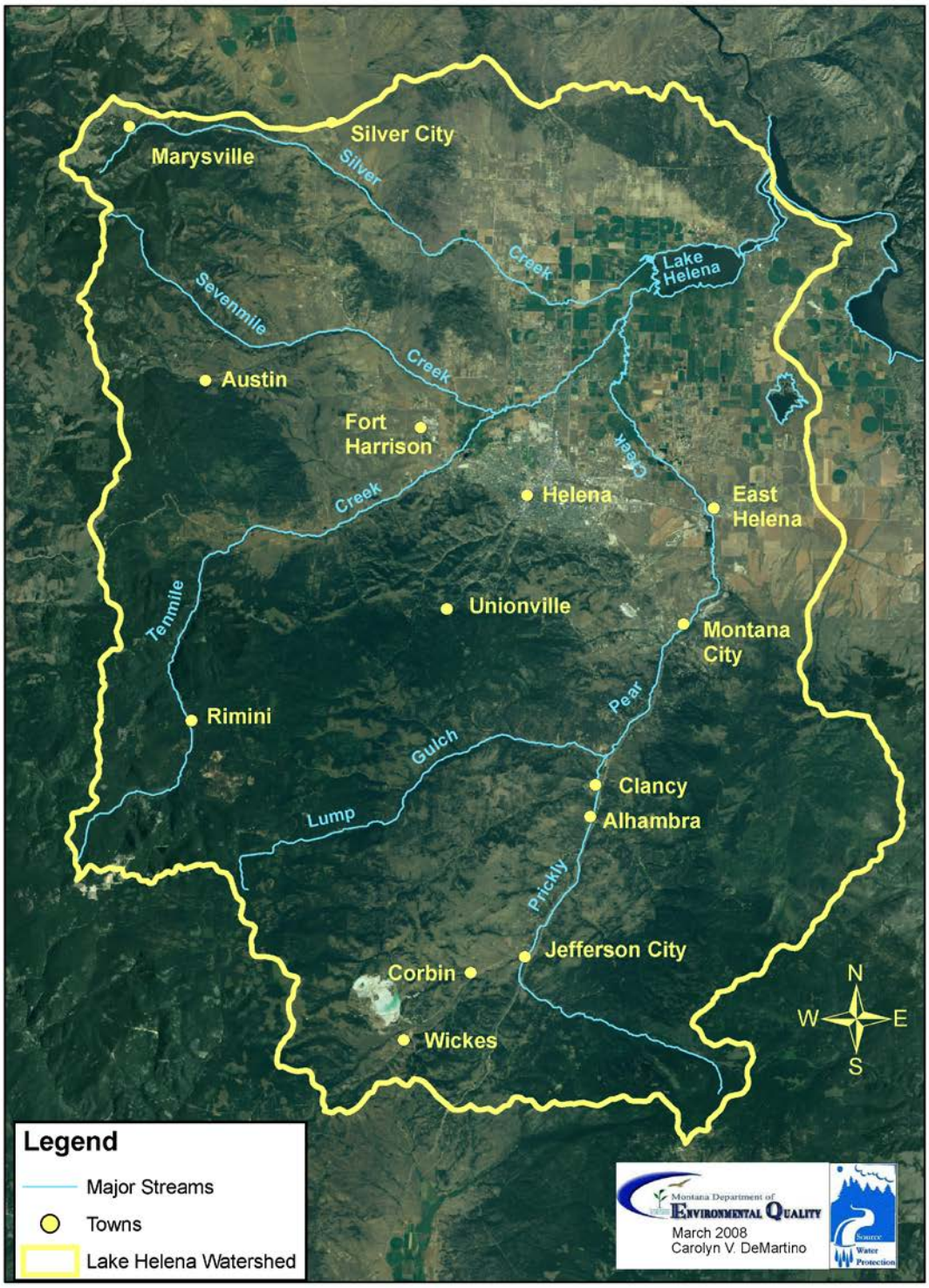
Sincerely,

Rick Tryan
Laurie Tryan

Rick Tryan and Laurie Tryan
2225 Sierra Rd East
Helena, MT 59602

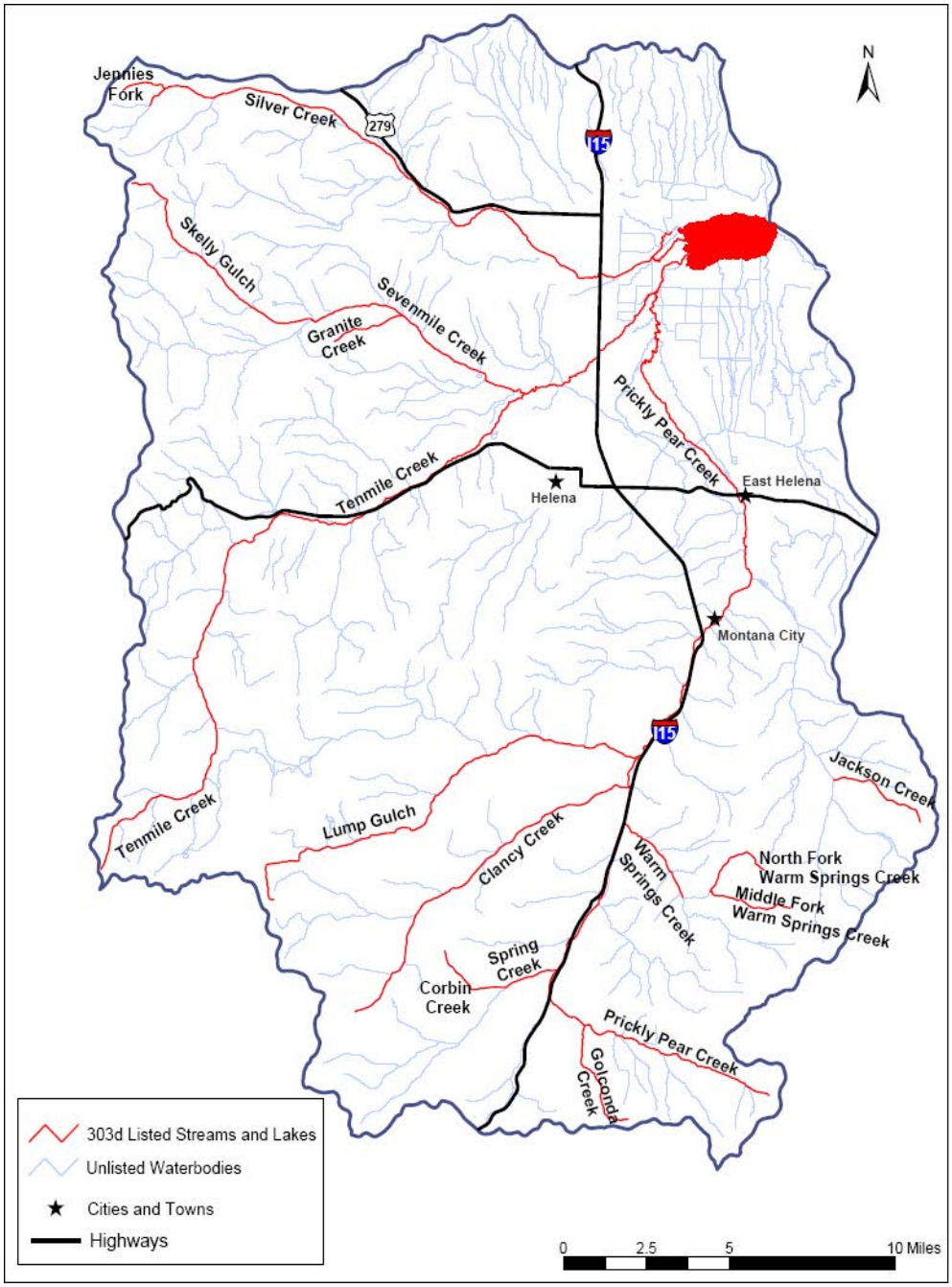
For the Education and Outreach Activities, the activities described in proposal will affect the Lake Helena watershed.

Lake Helena Watershed Aerial Map



Lake Helena WRP Implementation Project

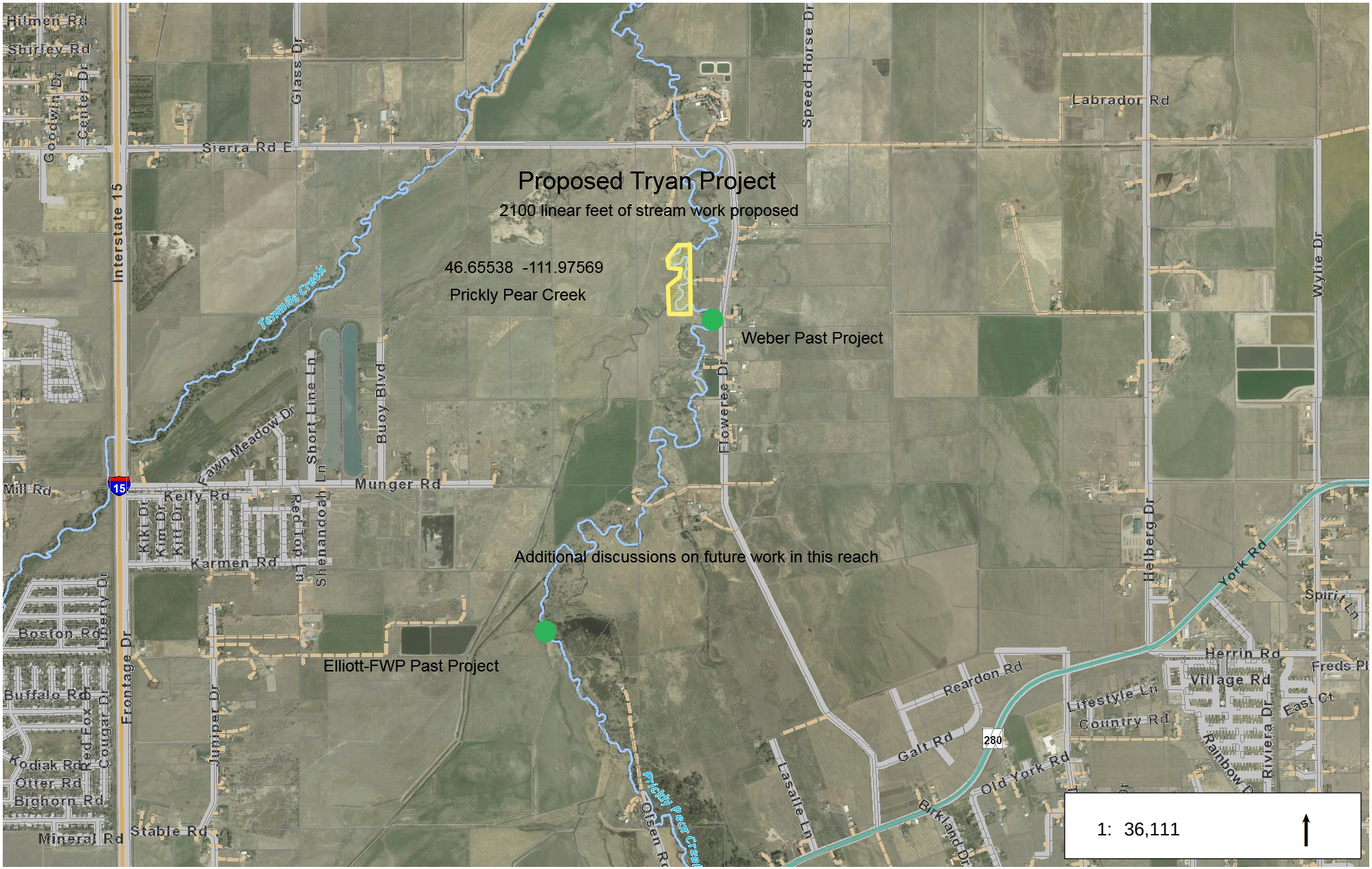
The Best Management Practices as described in the proposal will affect the sediment impaired streams below identified in red.



LEWIS & CLARK COUNTY
~ CITY OF HELENA ~

Lake Helena WRP Implementation Project

Interactive Mapping Service

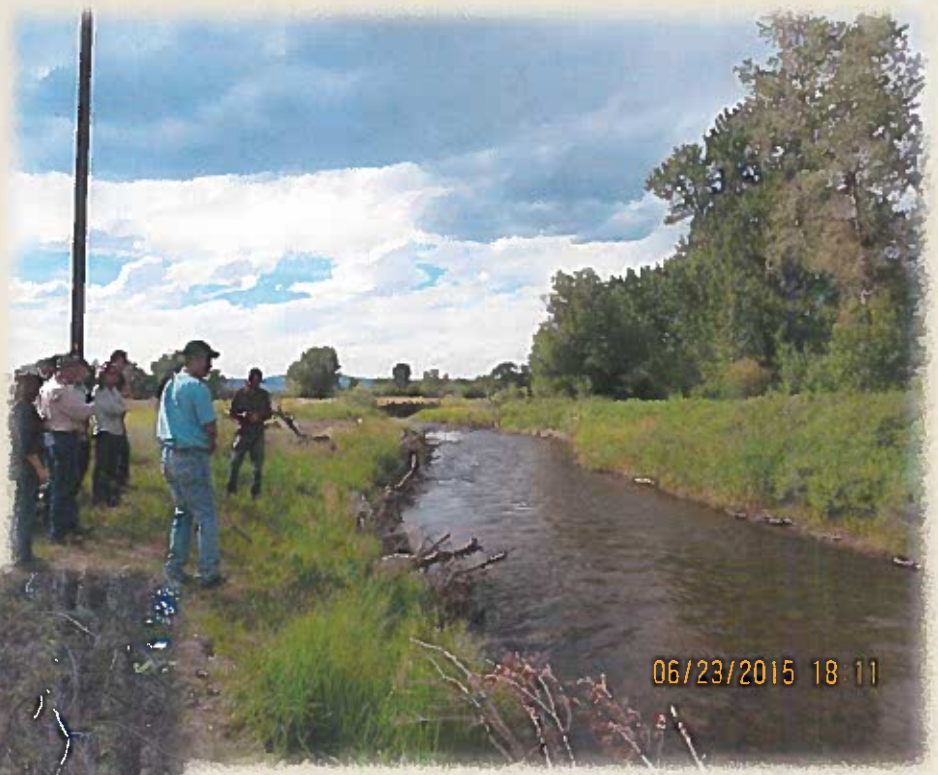


1.1 0 0.57 1.1 Miles

Proposed Tryan Project
2100 linear feet proposed for restoration work


2010 7 8


2009 7



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