
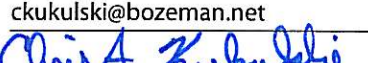


7/19/12

Project Proposals are due Friday July 27, 2012

Project Title Protecting Bozeman's Surface Waters

Project Sponsor Information

Name	City of Bozeman	Tax Identification Number	81-6001238
Address	PO Box 1230, 121 N. Rouse Ave.	Website	http://www.bozeman.net/Home.aspx
City	Bozeman	State	Montana
		Zip Code	59771
		County	Gallatin
Primary Contact	Dustin Johnson	Signatory	Chris Kukulski
Title	Project Engineer	Title	City Manager
Phone Number	406/582-2288	Phone Number	406/582-2306
Fax Number	406/582-2263	Fax Number	406/582-2339
E-mail Address	djohnson@bozeman.net	E-mail Address	ckukulski@bozeman.net
Signature		Signature	

Project Funding

319 Funds Requested	\$22,000.00
Matching Funds	
State Match	
State In-Kind Match	
Local Match	\$14,667.00
Other Match	
Total Matching Funds	\$14,667.00
Other Federal Funds	
Total Project Budget	\$36,667.00
Advance Requested*	\$0
Administrative Fee	\$0.00

**Advances require additional justification and DEQ approval.*

Does the project sponsor have any open 319 contracts?	No
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Project Title

DEQ Contract Number

319 Award

Projected Closing Date

Project Title

DEQ Contract Number

319 Award

Projected Closing Date

Nonpoint Source (NPS) Information

319 Project Category	Education and Outreach
Functional Category	
1st Pollution Category	
2nd Pollution Category	
3rd Pollution Category	
Waterbody Type	
Is waterbody on the 2012 Impaired Waters List?	

Project Location

Statewide ☐ *If project is not statewide, please complete the rest of this section.*

Does project implement a TMDL?	No
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Watershed Name or HUC #

TMDL Planning Area

Project 1 Name

Latitude (1) Longitude (1)

Project 2 Name

Latitude (2) Longitude (2)

Project 3 Name

Latitude (3) Longitude (3)

Project 4 Name

Latitude (4) Longitude (4)

Project Description

Methods: Please describe the specific activities of this project.

Education and outreach targeting residents who own land adjacent to, contiguous with or bisected by surface waters within the jurisdictional boundaries of the City of Bozeman; including streams, ditches and ponds. An education module specific to these residents will be developed describing best management practices and best available technologies for minimizing adverse impacts resulting from stormwater and irrigation run-off.

Objectives: Please describe the specific/measurable objectives that will ensure the achievement of the project goal(s).

1. By the end of the project's sixth month, an education and outreach module will be developed using contracted assistance from a qualified consultant/engineer describing methods/practices for minimizing adverse impacts associated with run-off into surface waters.
2. By the end of the project's ninth month, outreach to all targeted landowners will be completed including brochures summarizing module described above, requests for input, and schedule of neighborhood/watershed meetings with module-based presentation and discussion encouraging implementation of best practices.
3. By the end of the project's twelfth month, at least 30% of targeted landowners will attend at least one module presentation.

Overview: Please provide a brief background of the proposed project.

In June (2012) the City of Bozeman notified all residents that the City Commission intended to adopt a stormwater utility ordinance. Billing for the utility will begin in August (2012). Although public outreach will be conducted as part of the MS4 Permit (Montana Pollutants Discharge Elimination System (MPDES) General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)), the City determined that additional education and outreach targeting landowners with property adjoining surface waters would substantially improve water quality by reducing adverse environmental impacts caused by stormwater run-off. Two of the most significant streams within the City of Bozeman, the East Gallatin River and Bozeman Creek, are on the State of Montana's 2012 303(d) list of impaired waters. Public outreach and education is an important step in the concerted effort to improve the water quality, natural condition and range of uses supported by these waterways. The Gallatin Local Water Quality District (GLWQD) recently obtained TMDL approvals from DEQ for the East Gallatin River and is anticipated to begin developing a Watershed Restoration Plan later this year. The City is working closely with GLWQD to develop appropriate approaches for reducing the amount of pollution entering these waterways and ensure TMDL requirements are met. Both waterways exceed impairment thresholds for Nitrogen and Phosphorous and both exhibit extensive alteration of stream-side vegetative covers. In addition, Bozeman Creek exceeds thresholds for e-coli, Chlorophyll-a and sedimentation/siltation. These impairments are severe enough to limit beneficial uses including aquatic life and primary contact recreation. Through focused and targeted education and outreach, supported by a broader media campaign, the City is confident water quality will be improved and community awareness greatly enhanced.

Monitoring: Please briefly describe the monitoring component of this proposal.

Water quality is currently monitored by GLWQD. Recent results will be used to establish a baseline and determine (through inference) effectiveness of E&O. In addition, a random community survey (general population and targeted sub-set) will be conducted before and after the E&O/media campaign to determine level of community awareness regarding stormwater impacts on local water quality.

Education and Outreach: Please briefly describe the education and outreach component of this proposal and the target audience.

Since this is an E&O project, this component was previously described in detail. The primary target audience is owners of property adjacent to surface waters within the City of Bozeman. A secondary audience includes ALL Bozeman residents. Outreach will result in directly contacting at least 80% of targeted landowners in a meaningful manner such that a significant majority of those contacted understand the purpose of the project. Education will modify behaviors adversely affecting water quality due to stormwater impacts.

Collaborative Effort: Please briefly describe project partners. Include other agencies, organizations and private citizens and their role in this project.

Partner	Role
Gallatin Local Water Quality District	T/A and coordinating module development with approved TMDLs (E. Gallatin River).
IWURCC	(Interactive Water Use and Resource Conservation Center) Technical assistance, education.
Bozeman Creek Enhancement Committee	Community collaboration and coordination with Bozeman Creek Enhancement Plan.
Greater Gallatin Watershed Council	Community outreach and coordination among stakeholders.

Scope of Work- Outline

Task 1 Title Contract Administration

319 Funds	<input type="text" value="\$0.00"/>	Description City of Bozeman Project Engineer Dustin Johnson will be responsible for contract administration including documentation of allowable costs, ensure compliance with City of Bozeman procurement policies, approving vendor payments and approving work completed. Mr. Johnson will be assisted by Grants Specialist Ken Stocks (Finance Department). 'Time on task' directly related to contract administration will be claimed as match. Also, travel between Bozeman and Helena for City staff assigned to project for coordination with DEQ staff and other expenses directly related to contract administration will be claimed as match. IT and other Finance Staff will assist as needed.
Non-Federal Match	<input type="text" value="\$3,000.00"/>	
Other Federal Funds	<input type="text" value="\$0.00"/>	
Total Cost	<input type="text" value="\$3,000.00"/>	
Timeline <u>April 2013 - March 2014</u>		

Task 2 Title Education

319 Funds	<input type="text" value="\$16,000.00"/>	Description A consultant will be selected to develop the education module, coordinate with targeted groups, design media campaign and conduct workshops focused on reducing the level of pollution caused by stormwater run-off into surface waters within the City of Bozeman. Consultant will also conduct pre- and post-project surveys and evaluate data. Consultant will work with GLWQD and Project Engineer to establish baselines for both water quality and community awareness. In addition to contracted services (approximately \$20-K), costs for stakeholder meetings, educational supplies and related expenses will be charged to the task.
Non-Federal Match	<input type="text" value="\$8,667.00"/>	
Other Federal Funds	<input type="text" value="\$0.00"/>	
Total Cost	<input type="text" value="\$24,667.00"/>	
Timeline <u>June 2013-February 2014</u>		

Task 3 Title Outreach

319 Funds	<input type="text" value="\$6,000.00"/>	Description Direct costs for outreach throughout community. City of Bozeman GIS and Finance Department staff (utility billing) will identify targeted landowners. City will coordinate initial contact through mailing with utility bill. Broader audience will be targeted through newspaper/radio/tv advertising--PSA's, mailings, etc. Stakeholders/partners such as the Watershed Council, Interactive Water Use & Resource Conservation Center, Bozeman Creek Enhancement Committee and Gallatin Local Water Quality District will coordinate with consultant and community members to ensure outreach goals are met. Although primarily responsible for educational presentation, consultant will assist with outreach.
Non-Federal Match	<input type="text" value="\$3,000.00"/>	
Other Federal Funds	<input type="text" value="\$0.00"/>	
Total Cost	<input type="text" value="\$9,000.00"/>	
Timeline <u>July 2013 - February 2014</u>		

Task 4 Title _____

319 Funds	<input type="text"/>	Description <div style="border: 1px solid black; height: 150px; width: 100%;"></div>
Non-Federal Match	<input type="text"/>	
Other Federal Funds	<input type="text"/>	
Total Cost	<input type="text"/>	
Timeline _____		

Task 5 Title _____

319 Funds	<input type="text"/>	Description <div style="border: 1px solid black; height: 150px; width: 100%;"></div>
Non-Federal Match	<input type="text"/>	
Other Federal Funds	<input type="text"/>	
Total Cost	<input type="text"/>	
Timeline _____		

Task 6 Title

7/19/12

319 Funds

Description

Non-Federal Match

Other Federal Funds

Total Cost

Timeline

Task 7 Title

319 Funds

Description

Non-Federal Match

Other Federal Funds

Total Cost

Timeline

Task 8 Title

319 Funds

Description

Non-Federal Match

Other Federal Funds

Total Cost

Timeline

Task 9 Title

319 Funds

Description

Non-Federal Match

Other Federal Funds

Total Cost

Timeline

Comments: Please use the space provided for any additional information that may not have been captured by this application form.

Outreach and educational activities described in this proposal are in addition to those required as part of the City's MS-4 permit. This project will be fully integrated with concurrent water quality enhancement initiatives including GLWQD's Watershed Restoration Plan for the East Gallatin River, the Bozeman Creek Enhancement Plan (recently adopted by the City Commission), the Integrated Water Resource Plan (for the protection of the City's drinking water supply currently under consideration by the City Commission), the restoration of Bozeman Creek through Bogert Park (for which several grants have been submitted), stormwater projects identified for Mandeville Creek, the Rouse Avenue reconstruction scheduled for 2014, projects funded through the City's stormwater utility and/or open space bond (if approved by voters this fall) and on-going maintenance and improvements at recreational areas within the City.