



2024 Nonpoint Source Application - On-the-Ground Projects

General Information

Project Name 24-0322 Spring Creek Stormwater Treatment at Meridian North Drainage

Applicant Name City of Kalispell

Is your organization registered with the Montana Secretary of State? ☒

Explanation: Each applicant must be registered with the Montana Secretary of State to do business in the state of Montana. Registration with the Secretary of State may be completed via the following website: <https://sosmt.gov/business/>

Is your organization registered with the federal System for Award Management (SAM)? ☒

Explanation: Each applicant is required to register with SAM. To register or check your organization's status, go to <https://sam.gov/content/home>. If you get an "Unsupported Browser" error, copy, and paste the link into a Google Chrome browser window.

Your organization's Unique Entity Identifier number (UEI #) FNNZUBFCQ3E4

Explanation: Each applicant is required to have a current UEI number. The UEI number replaces the old DUNS number. If your organization had a DUNS number, you should have received a notification from the federal government indicating that your DUNS number has been changed to a UEI number. If you did not receive this notification, or if you never had a DUNS number, you will need to go to the federal government's System for Award Management (SAM - <https://sam.gov/content/home>) to obtain your UEI number. DEQ recommends starting this process early as it is very time-consuming, requires providing documentation-sometimes with follow-up requests for additional information, and can take up to 2 months to complete. If you need assistance, you may contact the federal help desk at 866-606-8220 Monday-Friday 8:00 a.m. through 8:00 p.m. EST.

Does your organization have adequate liability insurance for the risks associated with your project? ☒

Explanation: Each applicant must have or obtain liability insurance coverage meeting the requirements stated in the Draft Sample Contract and/or requirements negotiated based on the appropriate level of risk associated with the project.

Primary Contact Susie Turner

Title Public Works Director

Address 201 1st Ave E

City Kalispell State MT Zip Code 59901

Phone Number 406-758-7852

Email sturner@kalispell.com

Signature

Keith Naskin (Acting Director)

Explanation: This is the person who DEQ would routinely contact to discuss project progress, billing, etc.

Signatory Doug Russell

Title City Manager

Address 201 1st Ave E

City Kalispell State MT Zip Code 59901

Phone Number 406-758-7703

Email drussell@kalispell.com

Signature

Doug Russell

Explanation: This is the person who can legally sign contracts and other binding documents on behalf of the applicant (e.g., a board chair)

Note: The primary contact and the signatory must both sign the application. Signatures must be either signed electronically, or wet-signed, scanned and emailed.

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

The City of Kalispell (City) Public Works Department has a complete staff of Engineers, Scientists, Construction managers, and on the ground personnel to ensure project success. The City has a proven track record with grant administration and design and construction of stormwater treatment projects. The Project will be one of the last phases of providing treatment at high priority outfalls for nonpoint sources in older areas of the city where there is minimal space for modern stormwater considerations. The City will design the Project In-house. Keith Haskins P.E., City Engineer, will oversee the design and construction-related activities including preparation of preliminary engineering, final design plans and specifications, and construction inspection. The City Council has agreed to expend the funds for the project. This grant funding ensure the success of the Project and fund project specific education efforts. The City has previously installed treatment units in 2 other locations draining to impaired waterbodies on time and on budget with ARPA grant funding. The projects began in 2021 and were installed during the 2023 construction season.

Budget Form

Please fill out the On-the-Ground Project Budget Template (Excel file). Cells highlighted in yellow may be edited to fit the needs of your particular project. DEQ uses a template to construct nonpoint source grant contracts. The Budget Template contains tasks and typical deliverables that match up with the grant contract template. Please see the Example Contract and Scope of Work Template for a more detailed look at typical task requirements and deliverables.

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.

Splitting Examples (fill out multiple Project Forms)

- Stream restoration work occurring on two separate streams..
- Two projects with significantly different sets of project partners.
- Two projects that address substantially different pollution sources (e.g., one project move a corral off of a streambank, and another removes mine tailings, with both projects being on the same property).

Lumping Examples

- Contiguous stream restoration work spanning multiple land parcels.
- Three 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)

Required Attachments

Letter of support from the author of the DEQ-accepted Watershed Restoration Plan or EPA-approved Tribal Nonpoint Source Management Plan.

Letter of support from EACH landowner, lessee, or land manager associated with the proposed project area.

Budget Table (see attached Microsoft Excel Template).

Project Form

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.

Optional Attachments

Attach additional items and information that could help reviewers better understand your project. Information could describe public health risks, opportunities to leverage other funding sources, etc. However, application reviewers may have limited time available, and excessively long, optional attachments might not get reviewed. Do not attach copies of TMDL documents, TMDL implementation evaluations, Watershed Restoration Plans, Tribal Nonpoint Source Plans, or large comprehensive studies. The following attachments may be included.

Project Design Plans/Drawings

Preliminary Engineering Reports / Site Evaluations

Landowner Agreements / Construction Permits / Floodplain Permits

Site photos

Additional Letters of Support

Other: _____

Other: _____

Other: _____

Project Name

PROJECT AREA: Use the tools below to provide as detailed a description of the project area as possible.

List the counties in which the project will be located.

List the 12-digit Hydrologic Unit Codes (HUCs), sometimes referred to as Sixth Code HUCs, in which the project will take place. If you need assistance in determining the HUCs, please contact DEQ.

In addition to providing your own project site map, please go to the following website and follow the instructions to add your project location to the map.

<https://gis.mtdeq.us/portal/apps/storymaps/stories/42f4a668285c4ef6aa94b1623f10df57>

Connection to a Previous or Ongoing Project

Is this project tied to a previous or ongoing project? If so, please describe the connection.

Project Purpose

Select the watershed restoration plan 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.)

IMPAIRMENT LISTINGS: Unless addressing healthy watersheds (see below), all projects must address probable causes of impairment on a waterbody identified in the 2020 List of Impaired Waters.

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: While the majority of the project funding is dedicated to addressing known impairments, a limited amount of funding can be used to protect non-impaired waters (healthy waters) from becoming impaired.

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

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?

[illegible]

Project Coordination and Planning Task

This task would include completion of all applicable planning tasks from the list below, as well as coordination and oversight of the efforts of all project partners.

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

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

***See Call for Applications Section 5.1 for minimum design standards.*

Describe any additional project planning that *will have been completed prior to execution of a contract (October 2024)*.

Describe any additional project planning and coordination that will need to be completed after the execution of a contract (October 2024).

Landowner Agreement Task

DEQ includes the following language in every nonpoint source contract involving on-the-ground activities:

Contractor shall submit signed landowner agreement(s) verifying that Contractor and DEQ staff may access the project site, at reasonable times and with prior notification, for the purposes of project planning, implementation, and post-implementation monitoring. The agreement(s) must ensure appropriate operation and maintenance of all structures, vegetation, and management measures for the life of the project (typically 10 years). If grazing will be allowed within the project area, the agreement(s) must include a sustainable management plan for livestock grazing, designed to protect and enhance riparian function. If a signed landowner agreement does not meet the above-stated minimum requirements, Contractor shall negotiate an amended agreement with the landowner that ensures appropriate operation and maintenance of all structures, vegetation, management measures, and includes a sustainable management plan for any livestock grazing for the life of the project (typically 10 years).

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

	Completed?	Copy Attached?	To Be Completed Pre-Contract (Aug 2024)?	To Be Completed as Contract Deliverable?
Draft Landowner Agreement(s)				
Final Landowner Agreement(s)				
Grazing Management Plan				
Other:				
Other:				

Project Effectiveness Monitoring Task

If you will be conducting any on-the-ground implementation work, you will be required to complete the monitoring activities described in the task language below, as applicable. Describe below how you plan to determine the effectiveness of your project.

If you are applying for nonpoint source grant funding for project design only, and not for project implementation, you may either skip this task, or describe below which parts of this task you intend to complete:

Example Task Language

Contractor shall, in consultation with the DEQ Project Manager, develop a reasonable method or set of methods for evaluating and reporting on the effectiveness of the project in addressing water quality issues. Contractor shall complete a monitoring plan to guide monitoring activities. Contractor shall complete the following monitoring activities:

- *Estimate the sediment load reductions (tons/year) achieved through implementation of the proposed restoration activities and management practices.*
- *Estimate the nitrogen load reductions (pounds/year) achieved through implementation of the proposed restoration activities and management practices.*
- *Estimate the phosphorus load reductions (pounds/year) achieved through implementation of the proposed restoration activities and management practices.*
- *For projects designed to address pollution from pollutants other than nitrogen, phosphorus and sediment, evaluate and report on the effectiveness of the project in addressing water quality issues.*
- *Contractor shall collect data, as directed by the DEQ Project Manager, to be used in estimating sediment, nitrogen, and phosphorus load reductions achieved through implementation of restoration activities and management practices designed to address these pollutants.*
- *Use the following measures to evaluate the sustainability of restoration activities and management practices:*
 - *[Vegetation mortality rate.]*
 - *Pre- and post-construction photo point monitoring consistent with the “Oregon Watershed Enhancement Board Guide to Photo Monitoring” methodologies, or a similar published photo point monitoring method accepted by DEQ. The U.S. Forest Service provides additional photo point monitoring guidance in the “United States Forest Service Photo Point Monitoring Handbook”.*
 - *[Riparian survey.]*
 - *[Other.]*

Please describe any additional monitoring you intend to do as part of the project.

Project Implementation Task

Provide a detailed description of the solution you are proposing to implement to address a 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). Refer to the minimum design standards in the Call for Applications. ***Please fill out this section to the best of your ability, even if you are only seeking funding for project design.***

Education, Outreach and Training Task

To get good projects on the ground, trained staff and board members and educated, enthusiastic landowners are required. To promote the development of future projects, DEQ encourages project sponsors to use up to \$5,000 of funding to support training and conduct education and outreach. Example training topics might include: project management, public procurement, technical writing, GIS, water quality monitoring, web design, public speaking, human resource management, photo journalism, UAV (drone) piloting, financial management, and restoration techniques. Education and outreach activities might include targeted landowner outreach, conducting project site tours for local landowners, tabling at community events, holding a watershed festival, providing stipends and travel reimbursements for speakers and participants to attend a nonpoint source pollution prevention workshop, or generating articles for social media. The primary requirement for training and outreach is clearly explaining how the activity will support efforts to address nonpoint source pollution. Funding may not be used to pay for food and beverages, or for honorariums and gifts.

Describe the education and outreach activities you will complete to promote or facilitate future efforts to reduce nonpoint source pollution.

Identify the specific target audience.

Describe how the proposed training and/or outreach will increase local capacity and interest for addressing nonpoint source pollution.

Identify the goals of the education and outreach and describe how you will evaluate the effectiveness of the proposed activities.

Project Administration Task

Please use the task description below as a guide when calculating your budget for project administration. DEQ typically includes these requirements in every nonpoint source grant contract, with only minor variation. Funding applied to Project Administration must not exceed 10% of the total amount of funding requested, or \$12,000, whichever is lower.

Example Task Language

Contractor shall oversee and be accountable for the completion of all tasks. Contractor shall maintain regular contact with the DEQ project manager. Contractor shall prepare and submit Mid-Year, Interim, Annual, and Final Reports and Attachment B Billing Statements according to the format and schedule described below.

Report Format

- *Contractor shall submit each Attachment B Billing Statement, Mid-Year Report, Interim Report, Annual Report, and Final Report using the most current reporting guidance and templates provided by the DEQ project manager.*
- *Contractor shall ensure each Mid-Year, Interim, Annual, and Final Report contains adequate documentation to justify accompanying reimbursement requests and match reporting, to the satisfaction of the DEQ project manager.*
- *Contractor shall ensure that 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).*

Reporting Schedule

- *Mid-Year Reports: Due June 1st of each year the Contract is in effect.*
- *Annual Reports: Due December 1st 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: Contractor shall submit a complete draft Final Report for DEQ review and comment at least 15 days prior to the contract expiration date.*
- *Final Report: Contractor shall submit a Final Report, addressing DEQ comments on the draft Final Report, on or before the Contract expiration date.*
- *Attachment B Billing Statements: Contractor shall submit an Attachment B Billing Statement with each Mid-Year, Interim, Annual, or Final Report submitted to DEQ while the Contract is in effect. To maintain cash flow, Contractor may submit interim Attachment B Billing Statements as frequently as monthly during the term of the Contract. However, each interim Attachment B Billing Statement must be accompanied by an Interim Report.*
- *Exception to the Reporting Schedule: The Final Report and associated Attachment B Billing Statement will replace the last required Mid-Year or Annual Report.*

Project Timeline

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

Project Coordination and Planning Task

Landowner Agreement Task

Project Effectiveness Monitoring Task

Project Implementation Task

Education, Outreach and Training Task

Project Administration Task

Environmental Justice

Environmental justice can be defined as: The fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. This goal will be achieved when everyone enjoys:

- The same degree of protection from environmental and health hazards, and
- Equal access to the decision-making process to have a healthy environment in which to live, learn, and work

DEQ is committed to carrying out the nonpoint source pollution reduction projects in an environmentally just manner. We encourage applicants to apply the principles of environmental justice in their development and implementation of nonpoint source pollution prevention projects. Below are a few examples of how applicants might apply these principles. DEQ will award additional points in the scoring form for projects that address environmental justice.

- Project planning included consultation with Tribal Nations
- Project will benefit socially or economically disadvantaged communities
- Project will occur in a community that has not previously received nonpoint source pollution reduction grant funding
- Project will address nonpoint source pollution in a community that has been disproportionately burdened by impacts from legacy pollution (e.g., SuperFund sites, legacy mine waste, etc)

Please use this section to highlight connections your project may have to addressing environmental justice. .

Attachment A

Budget Form

BUDGET

2024 Nonpoint Source Pollution Reduction Application - On-the-Ground Project Budget Template

Project Title:								
Instructions <i>This task includes completion of all planning tasks and coordination and oversight of the efforts of all project partners. Provide a detailed budget and add a row if needed.</i>	Tasks and Potential Deliverables	319 Funding Request*	Non-Federal Match**	Other Funding***	Match Source	Match Secured? (Y/N)	Total Project Cost	Additional Information****
	Project Planning							
	Preliminary site investigation data and site maps	\$ 390.00	\$ 6,010.00		City Enterprise Funds	Y	\$ 6,400.00	Match is specifically Storm Sewer Enterprise Funds
	Required Permits	N/A			City Enterprise Funds	Y	\$ -	The City is the only entity that would require a permit for this project.
	Draft Project Designs	\$ 32,913.03	\$ 51,479.35		City Enterprise Funds	Y	\$ 84,392.39	Assumes that draft design is 3/4 of total design budget
	Final Project Designs	\$ 43,884.04	\$ 68,639.14		City Enterprise Funds	Y	\$ 112,523.18	
							\$ -	
							\$ -	
							\$ -	
	Total	\$ 77,187.07	\$ 126,128.49	\$ -			\$ 203,315.57	
This task includes costs for developing and managing landowner agreements and developing grazing management plans as applicable. Provide a detailed budget and add a row if needed.	Landowner Agreements							
	Draft Landowner Agreement	\$ 200.00	\$ 300.00		City Enterprise Funds		\$ 500.00	
	Final Landowner Agreement	\$ 200.00	\$ 300.00		City Enterprise Funds		\$ 500.00	
	Grazing Management Plan						\$ -	Not applicable
							\$ -	
							\$ -	
							\$ -	
	Total	\$ 400.00	\$ 600.00	\$ -			\$ 1,000.00	
This task includes costs for developing and implementing a monitoring plan to evaluate effectiveness to reduce nonpoint source pollution. See example contract template or application instructions for required monitoring activities. Provide a detailed budget and add a row if needed.	Effectiveness Monitoring							
	Draft Monitoring Plan		\$ 120.00		City Enterprise Funds		\$ 120.00	The monitoring plan will be adapted from the TMDL Action plan.
	Final Monitoring Plan		\$ 120.00		City Enterprise Funds		\$ 120.00	Assumes 3 hours for City staff to provide a plan and report specifically for this project.
	Written Summary of all Monitoring Activities		\$ 120.00		City Enterprise Funds		\$ 120.00	
							\$ -	
							\$ -	
							\$ -	
							\$ -	
	Total	\$ -	\$ 360.00	\$ -			\$ 360.00	
This tasks includes all costs for implementation of the plans developed in the Project Planning task. If you are requesting funding for design only, leave this task blank. Provide a detailed budget and add a row if needed.	Project Implementation							
	Materials	\$ 194,354.16	\$ 303,989.84				\$ 498,344.00	Large Storm Mechanical Treatment Device, Large Weir Structure, 96" Storm Manhole, Pavement Removal, 4" Asphalt Pavement, Landscaping, 60" Storm Sewer Pipe
	Labor	\$ 19,947.29	\$ 31,199.61				\$ 51,146.90	Mobilization and traffic control
	Equipment costs						\$ -	
	Construction oversight						\$ -	
	As-built surveys	\$ 1,433.25	\$ 2,241.75				\$ 3,675.00	Construction Surveying
	Photo documentation						\$ -	
	Landowner recommendation letter						\$ -	
	Contingency	\$ 5,300.00	\$ 6,000.00				\$ 11,300.00	
							\$ -	
							\$ -	
							\$ -	
							\$ -	
	Total	\$ 221,034.70	\$ 343,431.20	\$ -			\$ 564,465.90	
This task includes costs to develop and improve organizational capacity and to incorporate education and outreach into on-the ground projects. Provide a detailed budget and add a row if needed.	Education and Outreach							
	Volunteer Coordination	\$ -					\$ -	Not included with initial cost estimate
	Event/Tour Planning	\$ 390.00	\$ 610.00				\$ 1,000.00	Assumes 1 day of labor for Environmental Coordinator, balance is materials
	Outreach/Publication materials	\$ 390.00	\$ 610.00				\$ 1,000.00	Assumes 1 day of labor for Environmental Coordinator, balance is materials
							\$ -	
							\$ -	
	Total	\$ 780.00	\$ 1,220.00	\$ -			\$ 2,000.00	
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 includes normal business expenses and reporting requirements.	Administration							
	Mid/Annual/Interim Reports and Billing Statements	\$ 200.00	\$ 300.00				\$ 500.00	Not included with initial cost estimate
	Draft/Final Report and Billing Statements	\$ 200.00	\$ 300.00				\$ 500.00	
	Communication with DEQ	\$ 200.00	\$ 300.00				\$ 500.00	
	Audit Fees		\$ 1,000.00				\$ 1,000.00	
							\$ -	
							\$ -	
	Total	\$ 600.00	\$ 1,900.00	\$ -			\$ 2,500.00	
Grand Totals	319 Funding Request*	\$ 300,001.77	Non-Federal Match**	Other Funding***			Total Project Cost	
			\$ 473,639.69	\$ -			\$ 773,641.47	

*319 Request - Must not exceed \$300,000
**Non-Federal Match - Can include in-kind materials.
***Other Funding -Use this space for funding that will be used to support creation of task deliverables, but will not be reported as match.
****Additional Information - Use to justify cost if needed. (Hourly rates, rental costs, etc.)

LETTERS OF SUPPORT

Attachment B

Letter of Support from Restoration Plan Author



April 2, 2024

Meagan Gilmore
Montana Department of Environmental Quality (DEQ) Nonpoint Source Program
PO Box 200901
Helena, MT 59620-1601

Re: Letter of Support for City of Kalispell Spring Creek North Meridian Drainage Stormwater Treatment Unit Installation

Dear Ms. Gilmore:

The Flathead Lakers strongly support the City of Kalispell's (City) grant application to the DEQ's Nonpoint Source Program, to install a water quality treatment unit to treat stormwater flowing to Spring Creek, an impaired water body. If awarded, this grant will help the City to treat drainage from North Meridian Road before it enters Spring Creek, a tributary of Ashley Creek.

The Ashley Creek and Spring Creek nutrient TMDLs demonstrate that both creeks need reductions in total nitrogen (TN) and total phosphorus (TP) loads to meet their respective TMDL water quality targets. The Flathead Lakers identified the need to address urban stormwater, a probable source of pollution, in the Flathead Lake Watershed Restoration Plan (2014). This project is an important step in helping improve water quality in Spring Creek, and provide education and outreach to Kalispell residents about best practices for water quality.

Kalispell is among the top three fastest-growing cities in Montana. As rapid growth continues, it is important to take steps now to address stormwater pollution and plan for better green infrastructure. The proposed stormwater treatment unit is appropriate for this developed and paved-over site.

The City's North Meridian Water Quality Treatment Project (Project) not only provides direct benefits to locals but also lays the groundwork for collaborations. The Flathead Lakers are committed to supporting the City's efforts to address stormwater pollution and other threats to water quality. This Project will benefit local water quality protection efforts and serve as a building block for future water quality best management practices in the area. The Flathead Lakers urge your close and careful consideration in providing funding through the Nonpoint Source Pollution Reduction Grant to assist the City of Kalispell with this important project.

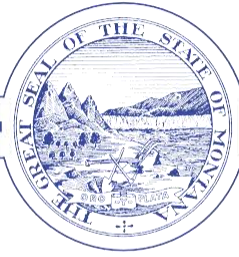
Sincerely,

Constanza von der Pahlen
Critical Lands Program Director
Flathead Lakers
PO BOX 70, Polson, MT 59808
constanza@flatheadlakers.org

Attachment H

Letter of Support from Western Montana
Conservation Corp

WESTERN MONTANA CONSERVATION COMMISSION



GREG GIANFORTE, GOVERNOR

1539 ELEVENTH AVENUE

STATE OF MONTANA

DIRECTOR'S OFFICE: (406) 444-2074
FAX: (406) 444-2684

PO BOX 201601
HELENA, MONTANA 59620-1601

April 1, 2024

Meagan Gilmore
Montana Department of Environmental Quality (DEQ) Nonpoint Source Program
PO Box 200901
Helena, MT 59620-1601
Meagan.gilmore@mt.gov

Re: Letter of Support for City of Kalispell Spring Creek North Meridian Drainage Stormwater Treatment Unit Installation

Dear Ms. Gilmore:

The Western Montana Conservation Commission (WMCC) fully supports the City of Kalispell's (City) grant application to install a water quality treatment unit to treat drainage from North Meridian Road before it enters Spring Creek from DEQ's Nonpoint Source Program. If awarded, this grant would help to provide the City an opportunity to improve water quality entering Spring Creek while providing education and outreach to Kalispell citizens about the importance of best management practices.

As a collaborator and partner in public education efforts with the City of Kalispell, WMCC is aware that unspecified urban stormwater is a source of pollutants in Spring Creek. WMCC has witnessed how the City and surrounding areas would greatly benefit from treating nonpoint source pollution. This area is paved over and has very little space to install or implement best management practices to address pollution from urban stormwater within existing development. As rapid growth continues in this area, it is important to take steps now to provide opportunities to expand conservation practices that protect our environment while allowing local businesses to thrive.

The City's North Meridian Water Quality Treatment Project (Project) not only provides direct benefits to locals but also lays the groundwork for collaborations. WMCC is committed to collaborating with the City on this Project.

This Project will benefit local conservation efforts and serve as a building block for conservation practices in the area. I urge your close and careful consideration in providing a Nonpoint Source Pollution Reduction Grant to assist the City of Kalispell with this important project.

Sincerely,

A handwritten signature in blue ink that reads "Mike Koopal".

Mike Koopal
Chair, Western Montana Conservation Commission



WESTERN MONTANA
**Conservation
Commission**

Attachment C

Landowner/ Lessee Letters of Support

The Lessee letter of support is not completed by the deadline. The City of Kalispell has attached email correspondence, the letter should be completed by 4/12/24 Kalispell does have an easement for this area.

04/05/2024

Meagan Gilmore Montana Department of Environmental Quality (DEQ) Nonpoint Source Program PO Box 200901 Helena, MT 59620-1601 Meagan.gilmore@mt.gov

Re: Letter of Support for City of Kalispell Spring Creek North Meridian Drainage Stormwater Treatment Unit Installation

Dear Ms. Gilmore:

I am writing to express my strong support for the City of Kalispell's (City) grant application to install a water quality treatment unit to treat drainage from North Meridian Road before it enters Spring Creek from DEQ's Nonpoint Source Program. If awarded, this grant would help to provide the City an opportunity to improve water quality entering Spring Creek while providing Education and Outreach to Citizens of Kalispell about the importance of best management practices.

As the Landowner for project parcel, I have witnessed how the City and surrounding areas would greatly benefit from treating nonpoint source pollution in an area that is paved over and has very little space to install or implement best management practices to address pollution from urban stormwater within existing development. We all live in a special place, but as rapid growth continues it is important to take steps now to provide opportunities to expand conservation practices that protect our environment while allowing local businesses to thrive.

The City's North Meridian Water Quality Treatment Project (Project) not only provides direct benefits to locals but also lays the groundwork for collaborations. As the landowner, Montana Chip LLC is committed to collaborating with the City on this Project.

This Project will benefit local conservation efforts and serve a building block for conservation practices in the area. I urge your close and careful consideration in providing a Nonpoint Source Pollution Reduction Grant to assist the City of Kalispell with this important project.

Sincerely,



Ken Yachechak

Montana Chip, LCC

From: [Margarite Juarez Thomas](#)
To: bdrew@mtace.com
Subject: RE: Request for Letter of Support for the City's Grant Application by 4/5/24
Date: Friday, March 29, 2024 3:17:00 PM
Attachments: [LetterOfsupportTemplate2.docx](#)
[image001.png](#)

Hello,

Thank you for taking my call today. I am requesting a letter of support for a grant application to DEQ to install a mechanical water quality treatment unit upstream of the stormwater manhole at the north end of the ACE building parking lot. This would improve water quality coming onto the Ace property. I have attached a template that can be modified and used for the support letter. Please let me know if you have questions or concerns, the City will need to collaborate and work with you for the duration of the project.

The grant application is Due Friday April 5, 2024.

Thank You,



Margarite Juarez Thomas
Environmental Coordinator
Public Works
406.758.5705

Attachment D

Project Form was included within the
application

MAPS/ DESIGNS

Attachment E

Far View Map of Project Area

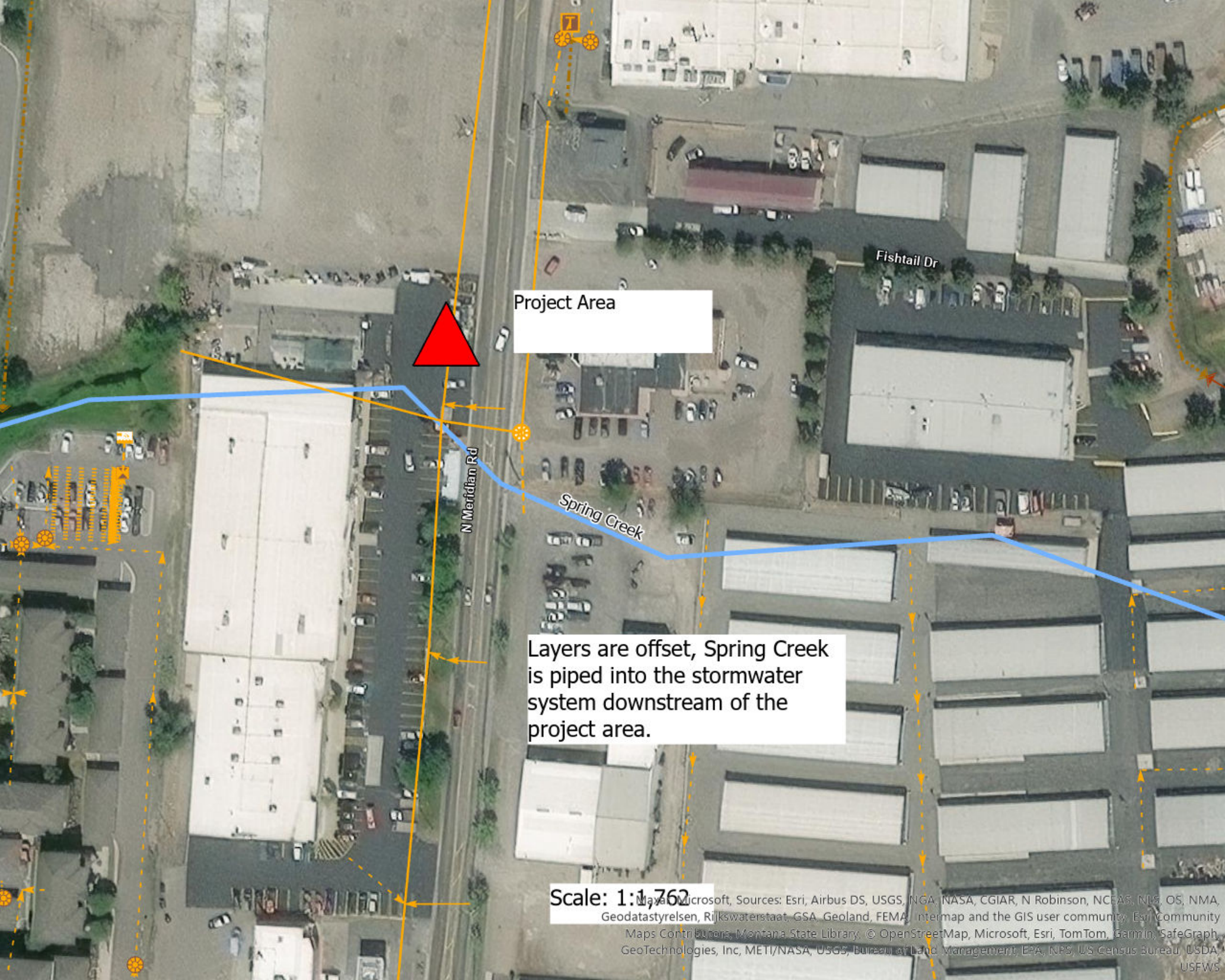


Scale: 1:4,302

Sources: Esri, Airbus DS, USGS, NGA, NASA, ICMA, N. Robinson, RCEAS, M.A. Geodatawreken, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, Montana State Library, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, Mapbox

Attachment F

Close View Map of Project Area



Project Area

Layers are offset, Spring Creek is piped into the stormwater system downstream of the project area.

Scale: 1:1,762

Map data: Microsoft, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, Montana State Library, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS

OTHER ATTACHMENTS

Attachment G

Photos of Project Site







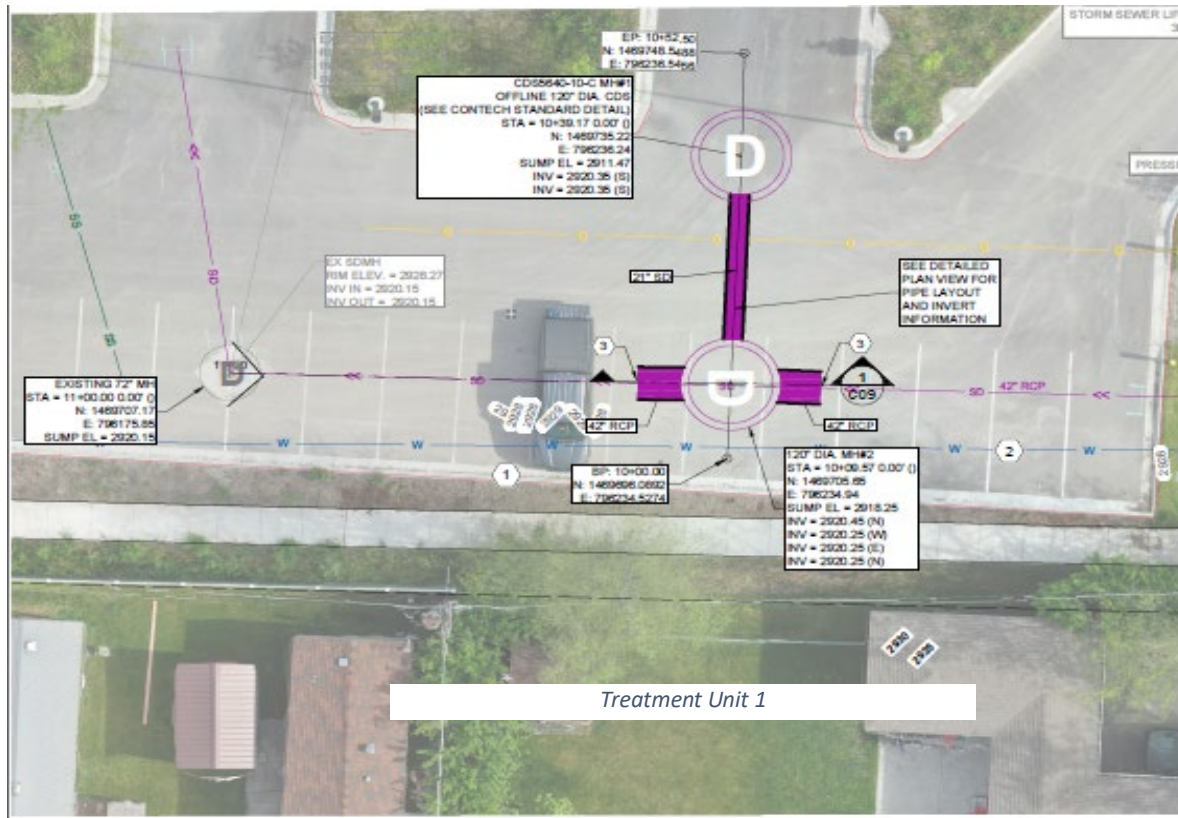




Attachment I

Previous Project Example

Kalispell Stormwater Quality Treatment Facilities – Priority Ashley Creek
Drainage Basins from TMDL Action Plan
Grant No: AC-22-0032



Total Project Cost: \$1,259,626.42

Total Grant Amount: \$528,264

Ashley Creek was classified by the State as an impaired waterbody for sediment in the 2014 Flathead - Stillwater TMDL. The treatment units for this project will primarily be designed for sediment removal, however as part of this unit, trash and oil contaminants will also be reduced from the stormwater discharge.

This project installed the stormwater quality treatment units sized to serve the 893.5 acres of drainage area upstream of two stormwater outfalls comprised of a mix of commercial, industrial, and residential use. The treatment units reduce the discharge of sediment, trash, and hydrocarbons to Ashley Creek from stormwater runoff.

Specific construction activities included:

- 8th Ave W & 11th St W – Treatment Unit 1
 - Traffic control, mobilization, construction survey, and dewatering
 - Removal of
 - 200 SY of asphalt
 - Placement of asphalt was part of the 8th ave W water line replacement project.
 - 1 manhole
 - 31 LF of 8" PVC Storm Drain
 - 20 LF 12" PVC Storm Drain
 - Installation of
 - 1 – 120" storm manhole
 - 1 – 60" CDS Hydrodynamic separator
 - 20 LF 12" PVC Storm drain and
 - Connection to existing storm system and from manhole to treatment unit
 - Landscape restoration – topsoil, irrigation repairs, and seeding (as part of the 8th Ave W water line replacement project)
- 1st Ave W Treatment Unit 2
 - Traffic control, mobilization, construction survey, and dewatering
 - Removal of
 - 200 SY of asphalt
 - 20 SY sidewalk
 - 30 LF curb and gutter
 - Installation of
 - 1 – 120" storm manhole
 - 1 – 120" CDS Hydrodynamic separator
 - 40 LF 21" PVC Storm drain and
 - Connection to existing storm system and from manhole to treatment unit
 - 130 SY of asphalt
 - Landscape restoration – topsoil, irrigation repairs, and seeding
- Airport Parking Lot Treatment Unit 3
 - Traffic control, mobilization, construction survey, and dewatering
 - Removal of
 - 200 SY of asphalt
 - Installation of
 - 1 – 120" storm manhole
 - 1 – 120" CDS Hydrodynamic separator
 - 40 LF 21" PVC Storm drain and

- Connection to existing storm system and from manhole to treatment unit
- 228 SY of asphalt
- Landscape restoration – topsoil, irrigation repairs, and seeding

1.5 Objective and Achievement

The goal of this project was to protect and preserve the water quality of Ashley Creek by treating and removing pollutants in urban stormwater runoff that discharge to the impaired waterbody. The objective for this project was to complete the design and construction of a stormwater treatment units capable of treating the water quality runoff volume for total suspended sediments (TSS), trash, and minor nutrient removal from 893.5-acres of urbanized drainage basins prior to discharging to Ashley Creek at two outfalls.

This objective was achieved with the successful construction of a three stormwater treatment units, storm main pipe connection and manholes/inlet connections. The new construction achieved:

- The installation of treatment units designed to remove 50% of the total suspended sediments (TSS), trash, and hydrocarbons prior to discharging to Ashley Creek.
- Meeting the City's TMDL Action Plan commitments for installing structural BMPs in areas of Kalispell currently lacking treatment prior to discharging to impaired waterbodies
- Prepared plans and specification to install future nutrient treatment practices when funding becomes available.

1.6 Construction Photos

-See Following Pages.

Treatment Unit 1 - 8th Ave W & 11th St W



Start of Excavation



Installing Treatment Unit



Installing Treatment Unit



Installing Treatment Unit



Storm Main Pipe Connection to Treatment Unit



New Connection to Existing Storm Pipes



Backfill and compaction around the manhole and treatment unit



Grouting around the connections to the existing storm system in the manhole



Completed construction – Right manhole is the treatment unit, Left manholes is the diversion structure

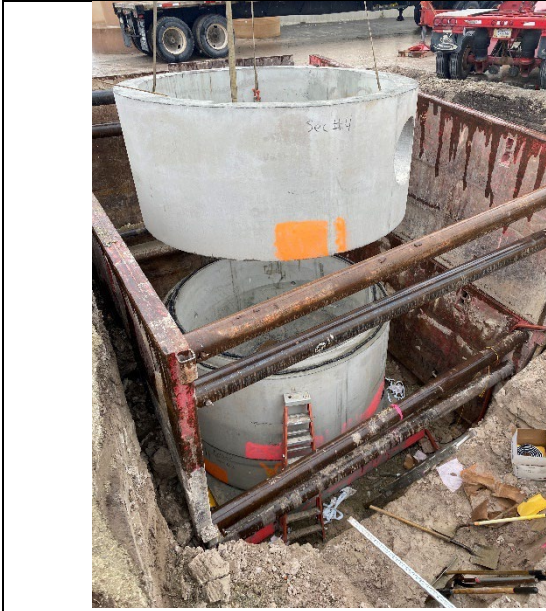
Treatment Unit 2 - 1st Ave W



Start of Excavation



Excavation for treatment unit and exposure of the existing storm system.



Installing Treatment Unit



Installing Treatment Unit



Installation of manhole diversion structure



New Storm Main Pipe Connection to Existing Storm Pipe



New Storm Main Pipe Connection to Existing Storm Pipe



Connection between the storm manhole and treatment unit



Backfill and compaction around the connection piping and treatment unit



Completed construction – Treatment unit



Completed Construction – Diversion Structure

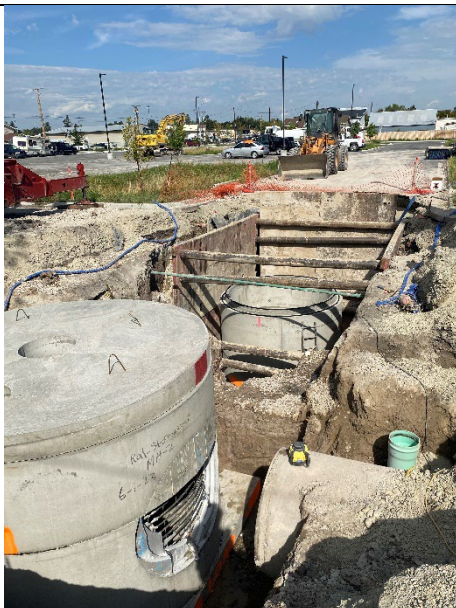
Treatment Unit 3 – Airport Road Parking Lot



Start of Excavation



Installing of storm manhole Unit



Installing Treatment Unit



Installation of Treatment Unit internals



Manhole connection to existing Storm Main Pipe



Connections between the storm manhole and treatment unit



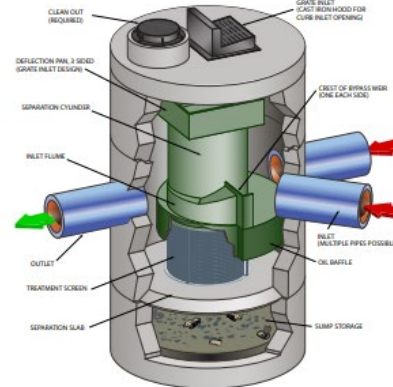
Backfill and compaction around the storm manhole and treatment unit



Completed construction – Near manholes are the Treatment unit, Far manholes are the diversion structure

CDS® Advantages

- Grate inlet option available
- Internal bypass weir
- Accepts multiple inlets at a variety of angles
- Advanced hydrodynamic separator
- Captures and retains 100% of floatables and neutrally buoyant debris 4.7 mm or larger
- Indirect screening capability keeps screen from clogging
- Retention of all captured pollutants, even at high flows
- Performance verified by NJCAT, WA Ecology, and ETV Canada



Learn More:
www.ContechES.com/cds

CONTECH
 ENGINEERED SOLUTIONS

Sediment, trash and hydrocarbon pollutants in urban stormwater runoff discharge to impaired waterbodies within Kalispell City limits.

Ashley Creek is listed with an impairment for sediment, nutrients, and temperature. Kalispell has a waste load allocation for the impairments to be met through implementation of MS4 permit practices outlined in the City's SWMP and TMDL Action Plan. Within the DEQ approved Kalispell TMDL Action Plan, the City identified practices to reduce the sediment loading to Ashley Creek. One practice is the construction of Water Quality (WQ) treatment facilities at the discharge points to the impaired waterbody that are currently lacking treatment prior to discharge.

This project completes three of the identified stormwater quality treatment unit installations required in the Kalispell TMDL Action Plan and ensures compliance with the MS4 permit.

- Design Complete – 12/15/2022 (IFC Date)
- Bid Award – 3/6/2022

Attachment J

Census Tract 11 Map

Also accessible online:

Explore the map - Climate & Economic Justice Screening Tool

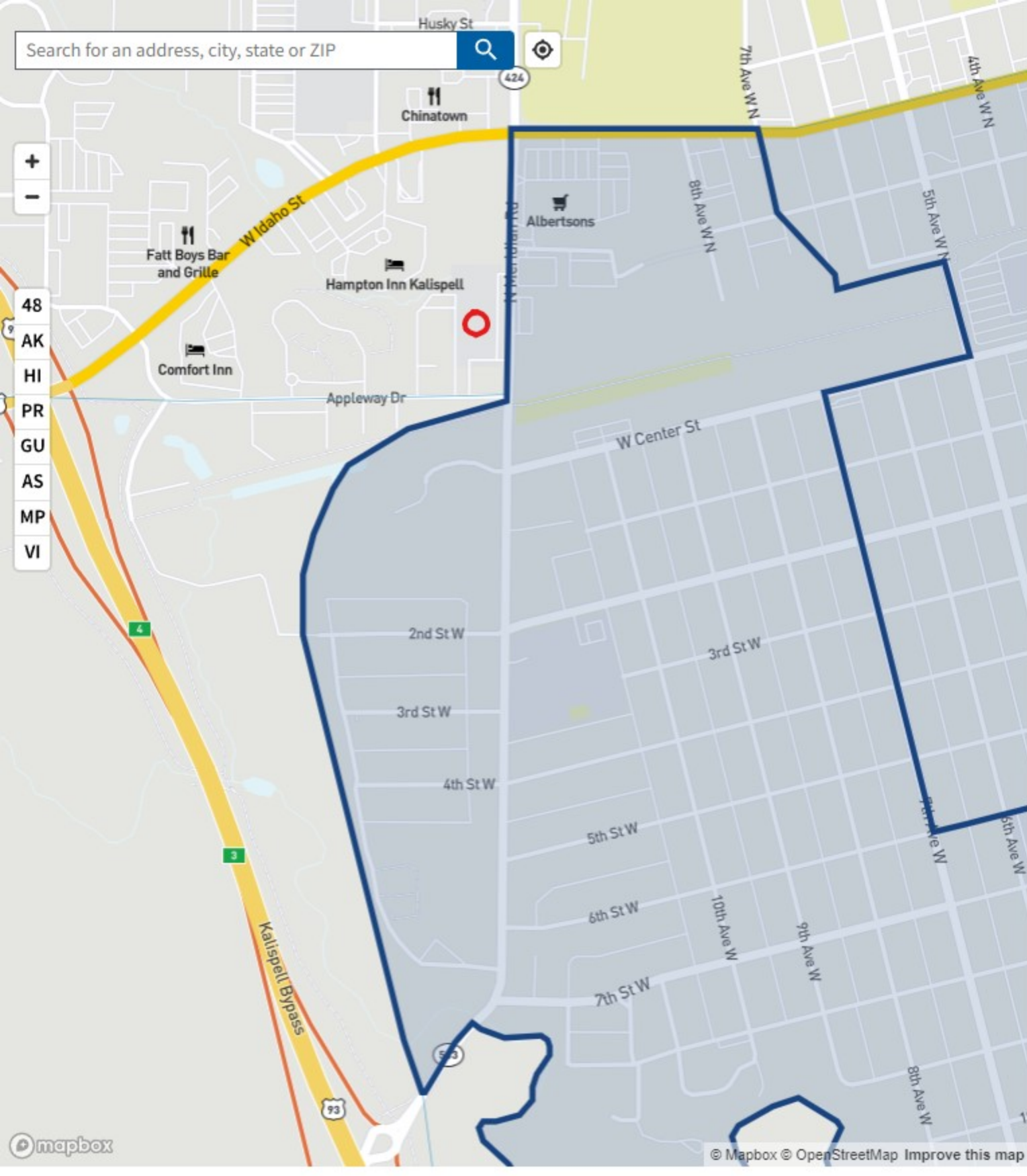
<https://screeningtool.geoplatform.gov/en/#12.73/48.18995/-114.31536>

The project area is about 26 feet from the a low-income, historically disadvantaged census tract.

Search for an address, city, state or ZIP



- 48
- AK
- HI
- PR
- GU
- AS
- MP
- VI



Tract information
Number: 30029001100
County: Flathead County
State: Montana
Population: 6,255

Tract demographics
Race / Ethnicity ([Show](#) ▾)
Age ([Show](#) ▾)

Identified as disadvantaged?
YES

This tract is considered disadvantaged because it meets more than 1 burden threshold **AND** the associated socioeconomic threshold.

[Send feedback](#) ↗

- Climate change +
- Energy** +
- Health +
- Housing +
- Legacy pollution -

Abandoned mine land No
Presence of one or more abandoned mine land within the tract

Formerly Used Defense Sites -- missing data
Presence of one or more Formerly Used