

SUBCOMMITTEE PUBLIC COMMENT

Tuesday 1/26/2021

Details:

Bill: HB-8: Renewable Resources Bonds and Loans 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Montana Association of Conservation Districts

Name: Rebecca Boslough

Email: rebecca@macdnet.org

Phone: (406) 443-5711

City, State: Helena

Written Statement: Not Provided

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-2: General Appropriations Act 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Tongue & Yellowstone Irrigation District

Name: Chad Raisland

Email: craisland@pioneer-technical.com

Phone: (406) 545-4805

City, State: Billings, MT

Written Statement: Not Provided

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: No

Organization: N/A

Name: Jacob Grandpre

Email: jgrandpre@hotmail.com

Phone: (208) 651-3310

City, State: HELENA

Written Statement: Not Provided

Files:

Testify via Zoom: Yes

Zoom Method: Phone

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness
Representing an Entity/Another Person: Yes
Organization: Montana Department of Environmental Quality
Name: Jason Seyler
Email: Jseyler@mt.gov
Phone: (406) 461-9731
City, State: Helena, MT
Written Statement: Not Provided
Files:
Testify via Zoom: Yes
Zoom Method: Computer

Details:
Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Powell County
Name: Scott Hazelton
Email: shazelton@powellcountymt.gov
Phone: (406) 846-9729
City, State: Deer Lodge, Montana
Written Statement: Not Provided
Files: Legislative Talking Points1.pdf Testify via Zoom: Yes Zoom Method: Computer

Powell County, Montana Milwaukee Roundhouse Area Remediation – Phase 2

- This grant will assist Powell County with the continued remediation of contaminated soil and groundwater at the Milwaukee Roundhouse facility.
- The Facility once served as headquarters for the Milwaukee Railroad's Rocky Mountain Division and included a railroad roundhouse and other maintenance structures. The project site encompasses approximately 14.5 acres of former railway industrial area. It is situated adjacent to the Deer Lodge City limits and the Clark Fork River.
- The locomotive repair and refueling operations conducted at the former Facility resulted in widespread soil and groundwater contamination. Surface and subsurface soils, groundwater, wetlands, and surface water are all affected by the historic contamination that occurred at the site and still requires cleanup. The project will directly benefit soil, groundwater, and surface water resources as well as other natural resources. By remediating the site, it protects potential contamination of surface water of Tin Cup Joe Creek and the Clark Fork River. Indirectly, the proposed project will also benefit aquatic life and habitats, macroinvertebrates, birds, and wildlife that depend on the ground and surface water resources.
- As such, the Montana Department of Environmental Quality (DEQ) has classified the site as a high priority for cleanup under the Comprehensive Environmental Cleanup and Responsibility Act (CECRA).
- The site has sat vacant and unusable since the bankruptcy of the Chicago-Milwaukee Railroad Company in 1980. In 2005, Powell County took title to the MRH property and began pursuing site-cleanup funding to minimize the potential for human exposure to the onsite hazardous materials and to repair the environmental damage to natural resources.
- Since 2005, the project site has been incrementally cleaned using County, DEQ, RDGP, and federal funds. The County proposes to clean up the remaining contamination in a phased approach which will continue remediation of the remaining contaminated area of approximately eight (8) acres.
- The proposed project will have significant natural resource benefits to soil and groundwater resources. Permanent removal of metal-contaminated soils will repair, reclaim, and mitigate environmental damage to soil, groundwater, and natural resources.
- Powell County appreciates the RDGP program and asks for your support.

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Ruby Valley Conservation District

Name: Dominique Shore

Email: dominique@rvcd.org

Phone: (406) 660-7646

City, State: Dillon, Montana

Written Statement: Mister Chairman and members of the committee,

This testimony represents the Ruby Valley Conservation District and our Granite Creek Reclamation Realignment Project.

In the late 19th century and early 20th century, Alder Gulch was the location of extensive floodplain dredging to mine placer gold deposits. Dredging activities left large piles of cobbles and boulders in the Alder Gulch floodplain. The extensive dredge piles severely impacted the confluence of Granite Creek with Alder Gulch, creating impoundments that prevent the free movement of surface water and block the passage of fish and other aquatic organisms altogether.

This project will remove placer mining deposits and restore Granite Creek to its natural form and function. It will allow for proper floodplain function which will greatly reduce the amount of sedimentation in Granite Creek. Restored floodplain connectivity will slow flow as it moves downstream recharging shallow aquifers and improving drought & flood resiliency - goals laid out in the 2015 State Water Plan.

In addition to threatening natural resources, aggradation caused by the dredge piles has become a danger to bridge and driver safety along Highway 287. Sediment deposition caused by dredge piles in lower Granite Creek has resulted in a reduction of bridge capacity leading to unsafe driving conditions. During high flow events, the bridge is prone to flooding and in the winter the ice jams often damage the bridge.

The Montana Department of Transportation has identified a need for this project and is currently planning to replace the bridge in 2023. An alternatives analysis performed by Great West Engineering indicated the most appropriate relocation of Granite Creek is 200 feet east of the existing bridge, requiring the realignment of 1,600 feet of Granite Creek.

The bridge realignment and channel relocation phases of the project must occur simultaneously for the channel to function properly and for the project to improve driver safety along Highway 287.

This project is a collaboration of multiple agencies and adjacent landowners that want to improve the function of Granite Creek and ensure the safety of vehicles travelling to and from Virginia City.

Ruby Valley Conservation District appreciates the RDG program and asks for your support.

Files: [RVCD-granite-creek-realignment-HB14-testimony.pdf](#)

Testify via Zoom: Yes

Zoom Method: Computer



Ruby Valley Conservation District
402 S Main St., Sheridan, MT 59749

January 29, 2021

RE: Granite Creek Reclamation Realignment Project

Mister Chairman and members of the committee,

This testimony represents the Ruby Valley Conservation District and our Granite Creek Reclamation Realignment Project.

In the late 19th century and early 20th century, Alder Gulch was the location of extensive floodplain dredging to mine placer gold deposits. Dredging activities left large piles of cobbles and boulders in the Alder Gulch floodplain. The extensive dredge piles severely impacted the confluence of Granite Creek with Alder Gulch, creating impoundments that prevent the free movement of surface water and block the passage of fish and other aquatic organisms altogether.

This project will remove placer mining deposits and restore Granite Creek to its natural form and function. It will allow for proper floodplain function which will greatly reduce the amount of sedimentation in Granite Creek. Restored floodplain connectivity will slow flow as it moves downstream recharging shallow aquifers and improving drought & flood resiliency - goals laid out in the 2015 State Water Plan.

In addition to threatening natural resources, aggradation caused by the dredge piles has become a danger to bridge and driver safety along Highway 287. Sediment deposition caused by dredge piles in lower Granite Creek has resulted in a reduction of bridge capacity leading to unsafe driving conditions. During high flow events, the bridge is prone to flooding and in the winter the ice jams often damage the bridge.

The Montana Department of Transportation has identified a need for this project and is currently planning to replace the bridge in 2023. An alternatives analysis performed by Great West Engineering indicated the most appropriate relocation of Granite Creek is 200 feet east of the existing bridge, requiring the realignment of 1,600 feet of Granite Creek.

The bridge realignment and channel relocation phases of the project must occur simultaneously for the channel to function properly and for the project to improve driver safety along Highway 287.

This project is a collaboration of multiple agencies and adjacent landowners that want to improve the function of Granite Creek and ensure the safety of vehicles travelling to and from Virginia City.

Ruby Valley Conservation District appreciates the RDG program and asks for your support.

Sincerely,

Dominique Shore
Stewardship Director

Wednesday 1/27/2021

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: MT DOR-Alcoholic Beverage Control

Name: Becky Schlauch

Email: becky.schlauch@mt.gov

Phone: (406) 465-5367

City, State: Seeley Lake, MT

Written Statement: informational for liquor warehouse expansion

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: Department of Environmental Quality

Name: Sara Edinberg

Email: sedinberg@mt.gov

Phone: (406) 593-0528

City, State: Butte, MT

Written Statement: I will be present as an informational witness to help answer any questions about the project.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: No

Organization: N/A

Name: Lauri Teig

Email: lteig@usbr.gov

Phone: (406) 749-3899

City, State: Harlowton, MT

Written Statement: Not Provided

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Montana Association of Conservation Districts,

Name: Jim Simpson, President MACD

Email: jim.g.simpson@gmail.com

Phone: (406) 871-6011

City, State: Polson

Written Statement: Date: January 29, 2021 Testimony HB-7 Jim Simpson, Montana Association of Conservation District President (MACD)

Montana and our citizen's prosperity is a result of many factors, not the least of which is a determination to move ahead with projects that create jobs, wealth and services. Our determination to move ahead has always been guided by the best-known practices of the day and the laws under which we operate. Occasionally, unforeseen consequences have resulted which must be addressed by our citizens.

HR 7 represents this state's conscientious and responsible approach to addressing these unforeseen consequences. The projects named in HB7 are examples of Montanan's desire to address legacy outcomes resulting from our best intentions of the past.

Conservation Districts have three projects listed in this biennium's Reclamation and Development Grants cycle. The Montana Association of Conservations Districts supports and recommends a do pass for HB 7.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Mineral County Conservation District

Name: Paul Parson

Email: pparson@tu.org

Phone: (406) 218-8635

City, State: Missoula, Montana

Written Statement: Early 20th century mining in the hills adjacent to Flat Creek's nine-mile tumble from its headwaters on Ninemile Divide to its mouth at the town of Superior on the Clark Fork have left it severely degraded and polluted. In particular, mill tailings and waste rock from the ASARCO Iron Mountain Mine and Mill are heaped along 1.5 miles of Flat Creek's wooded banks, marring its floodplain and leaching heavy metals associated with hardrock mining. Since the 1940s, Flat Creek had served as a water supply for Superior. The current, dilapidated system to filter Flat Creek water fails to render the water potable, so it's on standby as an emergency, back-up system for the town.

Because of the mine contamination, Flat Creek has earned federal Superfund status. As part of its administration of Superfund, the EPA has identified ASARCO as the party liable for cleanup. In a bankruptcy settlement ASARCO met its liability by paying the US Forest Service, which manages the land encompassing Flat Creek's polluted stretch. The FS began contracting out the work of planning and carrying out cleanup of the site in 2012. Cleanup is now moving forward through a partnership with the Mineral County Conservation District, Trout Unlimited and the Forest Service. Removing the tailings along Flat Creek will improve water quality, decrease sediment sources, and establish a functional floodplain, all of which makes for better trout and wildlife habitat. Flat Creek will once again contribute cold, clean water to the Clark Fork River.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-8: Renewable Resources Bonds and Loans 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Milk River Joint Board of Control

Name: Jennifer D Patrick

Email: jenn@mrjbc.com

Phone: (406) 945-3383

City, State: HAVRE

Written Statement: I would like to speak on behalf of the St. Mary Project.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-8: Renewable Resources Bonds and Loans 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: Montana DNRC

Name: Autumn Coleman

Email: autumn.coleman@mt.gov

Phone: (406) 444-6687

City, State: Helena

Written Statement: Informational on HB 8 St. Mary's.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: No

Organization: N/A

Name: Holly Phelps

Email: hphelps@ci.lewistown.mt.us

Phone: (406) 535-1760

City, State: Lewistown

Written Statement: Introduction

Good morning Chairman and members of the committee. My name is Holly Phelps, P-H-E-L-P-S, and I am the Lewistown City Manager. Sara Edinberg, DEQ's Project Manager, and Dr. Chris Kelley, with Tetra Tech, are also here to assist with any additional questions.

The project we are requesting funding for is the construction of a protective soil cap at the Central Post and Treating Company CECRA site in Lewistown, MT.

Site History

- The site has been owned by the City of Lewistown since the early 1900s, and was operated as a landfill until the 1960s. During its operational life, the landfill was routinely burned to minimize and compact waste. A two-foot clay cap was placed on the site when landfill operations ceased.
- The site was then leased to Lyle Smith, who operated a wood treatment facility from 1968-1973. During operations, Mr. Smith reported that he never had any spills, but that the treated posts were stacked on the ground to dry after being dipped in a heated mixture of diesel and pentachlorophenol (PCP). Mr. Smith reported that the dipping operations caught fire during the first year of operations and had to be extinguished by the fire department.
- The landfill was formally closed in 1990, and the city spread about 2 feet of street sweepings over the site as a cover.
- The site is currently leased to an occupant who uses the site for a small firewood operation and storage of vegetable oil for biofuel.

Site Investigation History

- A combination of a DNRC Planning grant and SB96 Orphan Share Account funds were used to complete the first environmental assessment at the site in February 2016.
- DEQ and its consultant, Tetra Tech, sampled surface and subsurface soils, and groundwater. No impacts to groundwater were found, but the surface soils have exceedances in both direct human contact and leaching to groundwater screening levels for lead, PCP, and dioxins/furans. The PCP contamination was isolated to the former wood treating area, but dioxin/furan contamination was observed throughout the site.
- An RDG Cleanup Grant in the amount of \$475,000 was awarded in 2017 for removal and hazardous waste disposal of soils impacted by PCP, and placement of a protective soil cap on portions of the site.
- A removal was conducted for the soils impacted by PCP in November 2018, however confirmation samples indicated that the extent of contamination was greater than initially thought. Thanks to a second DNRC Planning Grant awarded in September 2019, DEQ conducted additional sampling to fully delineate the contamination. Based on these sample results, DEQ excavated another 80 cubic yards of soil for hazardous waste disposal in August 2020.
- Confirmation sampling from the August 2020 excavation indicated additional hazardous waste disposal may be required. DEQ is currently reviewing the additional samples and determining additional quantities that may require removal.

Because the amount of soil requiring removal proved to be much greater than originally anticipated, the current available funding is not enough to both remove the soil and place a protective soil cap on the site.

2021 DNRC Cleanup Grant Funded Work

- Funds from this DNRC Cleanup Grant will go toward construction of a protective soil cap at the facility to eliminate the risk of leaching to groundwater and direct contact exposure for humans and wildlife.
- The site currently does not support vegetation; placement of a protective soil cap will preserve and enhance natural resources by creating a habitat for native vegetation and wildlife, with a focus on establishing pollinator habitat. The site would be open to the public, with limited recreational and educational access.
- Completion of the soil cap will allow a construction completion report to be submitted under the VCRA process, one of the final steps in delisting the property from the CECRA list.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: Montana Department of Environmental Quality

Name: Matthew Kent

Email: mkent@mt.gov

Phone: (406) 444-6479

City, State: Helena, MT

Written Statement: I am the Montana DEQ Project Officer assigned to the Milwaukee Road - Haugan State Superfund Facility. I will attend the hearing on HB-7 via Zoom to be available for Mineral County to defer technical questions regarding the project to.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes
Organization: Montana Bureau of Mines and Geology
Name: John Metesh
Email: jmetesh@mtech.edu
Phone: (406) 496-4159
City, State: Butte, MT
Written Statement: Not Provided
Files:
Testify via Zoom: No
Zoom Method: N/A

Details:
Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: LC County Water Quality Protection District
Name: Jennifer McBroom
Email: jmbroom@lccountymt.gov
Phone: (406) 210-1546
City, State: Helena MT
Written Statement: Not Provided
Files:
Testify via Zoom: No
Zoom Method: N/A

Details:
Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Musselshell Watershed Coalition
Name: Laura Nowlin
Email: musselshellwc@gmail.com
Phone: (406) 429-4832
City, State: Winnett
Written Statement: The Musselshell Watershed Coalition supports HB 7, specifically projects #4, Contaminated Soils and Free Product Removal at the Harlowton Roundhouse in Harlowton, MT Phase 4; and #16, Former Ryegate Conoco Groundwater Remediation. These project address significant water quality issues that directly affect these communities as well as the quality of the Musselshell River.

The MWC supports the RDG program. Funding from this program has been significant to project success in Roundup at the Bair-Collins Mine Reclamation site and in progress so far at the Harlowton Roundhouse site. These projects, and projects like them, are often not possible without the RDG program. These projects are significant for their natural resource benefits as well as economic and social benefits to the local community.

Files:
Testify via Zoom: Yes
Zoom Method: Computer

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: No

Organization: N/A

Name: John Sampsel

Email: hnc@mtintouch.net

Phone: (406) 566-2700

City, State: Stanford, MT

Written Statement: My name is John Sampsel. Recently I was elected as a director of Montana Woolgrowers Association and I have been involved in the sheep industry for 40 plus years. I attending classes in wool grading at the current wool lab while getting my degree at MSU back in the early 70s. My wife, son, daughter-in-law and I raise Targhee sheep south of Stanford, MT. To say the wool lab is important to our operation is putting it mildly. We send samples in three to four time per year, equating to well over 500 samples annually. These samples provide a myriad of characteristics for our wool. This information is then used to help sell over 90 yearling rams and about the same yearling ewes. Without a wool lab at MSU we would be required to send these samples to the only other facility which is at Texas A&M. This would cost time and money. The ability to keep our hard-earned dollars in Montana is extremely critical to the entire sheep industry and having the MSU facility up to date will a huge step in the right direction.

Files:

Testify via Zoom: No

Zoom Method: N/A

Details:

Bill: HB-11: Treasure State Endowment Program 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Dry Prairie Regional Water Authority

Name: Krista Lee Evans

Email: blakecrk@gmail.com

Phone: (406) 439-2215

City, State: Helena, MT

Written Statement: DPRWA strongly supports HB 11 and the state share contribution that is contained in Section 7 of the bill.

Files: HB 11 Testimony 1_28_21.pdf

Testify via Zoom: Yes

Zoom Method: Computer

HB 11

Testimony on Behalf of Dry Prairie Regional Water Authority

Krista Lee Evans – blakecrk@gmail.com/406-439-2215

DPRWA strongly supports HB 11 and the important state share contribution that is contained in section 7 of the bill.

A map outlining DPRWA progress to date is attached.

Details:

Bill: HB-8: Renewable Resources Bonds and Loans 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Dry Prairie Regional Water Authority

Name: Krista Lee Evans

Email: blakecrk@gmail.com

Phone: (406) 439-2215

City, State: Helena, MT

Written Statement: Written testimony is attached.

Files: HB 8 Testimony 1_28_21.pdf

Testify via Zoom: Yes

Zoom Method: Computer

HB 8

Testimony on Behalf of Dry Prairie Regional Water Authority

Krista Lee Evans – blakecrk@gmail.com/406-439-2215

HB 8 is re-authorizing the local share loan for Dry Prairie in the amount of \$3,000,000 for the upcoming biennium. Dry Prairie would use some of those loan funds to construct our 3rd and final operation and maintenance facility in Scobey. Some of the loan funds appropriated in the last biennium (\$700,000) were used to construct our 2nd facility that is almost completed now in Glasgow. Loan funds would also be used to construct our FINAL phase of Construction – the Opheim Ph 1 & Ph 2 Branchline Project.

I have attached a copy of an updated Project Map that shows the area in green.

Construction of those two final segments is expected to be contracted in 2022 for completion in 2023 at a total estimated cost of \$9 million.

Details:

Bill: HB-11: Treasure State Endowment Program 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Central MT Regional Water Authority

Name: Monty L. Sealey

Email: pmservices@midrivers.com

Phone: (406) 323-6060

City, State: Roundup

Written Statement: Not Provided

Files: Testmony.pdf

Testify via Zoom: Yes

Zoom Method: Computer

Testimony of Monty L. Sealey
Long Range Planning Subcommittee
HB 11 TSEPRW
67th Legislature

January 27, 2021

Mr. Chairman and members of the Committee:

My Name is Monty L. Sealey (Sealey) from Roundup, MT. I am the Project Administrator for Central Montana Regional Water Authority. We are working on the Musselshell-Judith Rural Water System in Central MT., that will serve a large area of Central Montana over five counties including Judith Gap, Harlowton, Ryegate, Lavina, Broadview, Roundup, and Melstone. The project will also serve several unincorporated "towns" and many rural users along the pipeline route. This entire area has a long legacy of both poor quality water as well as inadequate quantity.

We have worked on this project for several years to deliver a reliable source of high quality water to member communities. Some of you on this committee may recall that we have been in front of this body during multiple past Legislative Sessions. MT DNRC, through the TSEP Regional Water fund has been supporting the planning and construction of this project for many years.

We are very happy to announce to you that the Musselshell-Judith Rural Water System project was authorized by Congress in December 2020. Our whole Congressional Delegation has been quite supportive of this effort in the past. This estimated \$87,000,000 project was federally authorized for 65% of the estimated cost of the project. (\$56,650,000).

The purpose of my presence at this hearing is to further inform you about the project and explain the financial requirements of the project as it pertains to the parties. It is our understanding that the State of Montana, in partnership of the local project area water users and the Federal Government, intends to provide matching funds to this project in the amount of 17 1/2 % (\$15,225,000). That amount is the same as the local water users will contribute to the project's capital costs through debt. The local users will also be responsible for all the project O&M. (Est. \$580,000 annually).

The MT DNRC has so far contributed \$5,429,300 to this project that will be counted as State match, \$2,800,000 of which is currently under contract for Phase I of the project under the current biennium. The CMRWA has applied for federal grant and loan funds to USDA Rural Development for the remaining \$11,200,000 needed to fund Phase 1 which will bring water to the City of Harlowton. We believe that there is a high likelihood that we will obtain USDA funding and begin constructing Phase 1 by this summer.

Details:

Bill: HB-11: Treasure State Endowment Program 2021-01-28 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: Central Montana Regional Water Authority

Name: Robert E Church

Email: bchurch@greatwesteng.com

Phone: (406) 431-8941

City, State: Helena

Written Statement: Not Provided

Files: MJRWS 2 pager.pdf

Testify via Zoom: Yes

Zoom Method: Computer

**Project Update December 2020
Musselshell Judith Rural Water System**

The Central Montana Regional Water Authority (CMRWA) is a coalition of eight incorporated communities, several unincorporated communities and many rural families areas in central Montana with a long legacy of poor water quality and limited quantity.

Roundup Water



The CMRWA has been planning a regional water project called the Musselshell Judith Rural Water System for fifteen years with the goal to provide communities and rural residents in the region with a reliable supply of high quality drinking water from the Madison Aquifer groundwater. The groundwater meets all Primary and Secondary Federal drinking water standards. The water will require no treatment except chlorination.



The CMRWA has completed and tested three successful wells in the Madison Aquifer. The testing proved the high quality and adequate quantity of water available. The data collected from this test well allowed the CMRWA to obtain 100% of the full water rights needed for the project from the State of Montana.

The project will utilize a 230 mile piping system to deliver water to users. Once water is pumped out of the proposed wells the entire system will be fed by gravity except one area (Broadview) which requires a small booster pumping station. The system design is simple yet very efficient for energy use and operations since no treatment plant is required.

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Lewis and Clark County and the Landowner

Name: Matthew Johnson

Email: matthew.johnson@respec.com

Phone: (406) 599-2287

City, State: Bozeman, Montana

Written Statement: Good morning,

My name is Matt Johnson, I live in Bozeman and work for RESPEC, an engineering consulting firm. I'm joined here today by Jennifer McBroom, from the Lewis and Clark County Water Quality Protection District and the landowner, Mr. Jake Grandpre. Together, we have developed an alternatives analysis and the final designs for the Grizzly Gulch Placer Mine Reclamation Project, up Grizzly Gulch just outside of Helena. We first want to express our gratitude to

DNRC CARRD for supporting this project as its developed and to the LRP committee for reviewing and hearing the project today, we thank you.

The Pretty Girl Placer mine has a long history of mining which began in the 1870s. As the property changed ownership over numerous decades, and as mining techniques and technologies evolved over time, the mine property has been mined and remined numerous times. The precious minerals are long gone and what remains is a degraded site with no one responsible or liable for its reclamation, and that is why we are here today.

The site as it lies today is a series of deep pits and piles of displaced material. The extensive mining has disrupted Grizzly Creek to the extent that as the stream enters the property it flows into the main pit, fills it and spills into smaller pits downstream. There is no actual stream through the site, nor an outlet for surface water from the site. Flow either disappears into the ground within the pits or during periods of higher flow, it flows over the embankment at the bottom end of the property. There is little natural and riparian vegetation throughout the old mine site and in general, the site looks like a wasteland of raw material, piles, pits, standing water, scum, and weeds. Erosion and sedimentation are widespread, habitat for wildlife and aquatic life is nonexistent, and the site is an eyesore and safety concern for the traveling public through this prized recreation corridor.

We evaluated several alternatives to reclaim this site and selected the most practical, economical approach for final design. The final design focuses on reworking the material onsite to restore a floodplain surface and small stream channel. The floodplain extent will mimic upstream and downstream floodplains, while allowing the landowner to reclaim a portion of the total mine for grazing or other purposes. The stream channel construction will include wood and rock features to create pools for aquatic habitat and energy dissipation. Our rigorous revegetation strategy includes seeding with native wetland and upland grasses and sedges, and the planting of cuttings and containerized plants including native forbs, woodies, and trees. The restored landscape will support a rigorous riparian corridor that will provide habitat for all types of wildlife, and revegetation and grading will stabilize slopes and prevent erosion and sedimentation. The natural resource benefits are widespread within this project, but the project will also provide benefits the public.

As mentioned, the south side of Helena has become a mecca for outdoor recreation over the years and this property lies along the main route connecting different trail networks. The landowner has graciously offered public access through the reclaimed area and we included creation of a new trail running along the restored stream. The trail will descend from Grizzly Gulch Drive and travel along the stream, passing by a formalized streamside resting area, where the creek will flow over a large stone drop. The trail and restored stream and floodplain will invite travelers off the main road to a cool, quiet section of trail along the stream. The project also benefits the traveling public by installing guardrail along Grizzly Gulch Drive. Currently, there is some guardrail, but long portions of the site are not barricaded from a potential errant vehicle. The steep roadway side slopes and substantial elevation change from the roadway to the pit bottom, combined with areas of deep standing water, impose a considerable safety concern for motorists. Construction of the project will be solicited for bid according to Lewis and Clark County's policy for low bid contracting, which will likely be awarded to a local contractor who provides jobs. The project will generate revenues for several Montana companies through the construction materials needed to implement the project.

This project has garnered much support from state agencies, neighbors, non-profit organizations, and the county commissioners as demonstrated in the numerous support letters included in the application. We have greatly enjoyed working on this reclamation plan and are grateful for the opportunity to be considered for implementation funding.

Thank you,

Matt Johnson, P.E.

Files: Grizzly Gulch RDG Exhibits and Johnson Testimony Letter.pdf Testify via Zoom: Yes Zoom Method: Computer

Grizzly Gulch Reclamation Project

Existing Condition

- Substantial water loss from lack of connectivity to downstream channel
- Substantial material deficiency
- Steep, unstable side slopes adjacent to Grizzly Gulch Drive
- Disconnected from and up and downstream channel
- Negatively impacting downstream water quantity and quality
- Dysfunctional riparian and wetland areas
- Littered with old mining equipment
- Hazardous for recreational and vehicular travel



Photo 1. Pretty Girl Placer Mine looking north



Photo 2. Pretty Girl Placer Mine looking South

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: DNRC

Name: Heidi Anderson Folnagy

Email: handersonfolnagy@mt.gov

Phone: (406) 444-6691

City, State: Helena

Written Statement: Testimony attached.

Files: 2021 HB7 HB14 Testimony Anderson Folnagy Annotated.pdf Testify via Zoom: Yes Zoom Method: Computer



**(H) JOINT APPROPRIATIONS SUBCOMMITTEE
ON LONG-RANGE PLANNING**

**MONTANA DEPARTMENT OF
NATURAL RESOURCES & CONSERVATION**

(HB 7) (HB14)

Position: Informational

Mr. Chairman and Members of the Committee, my name is Heidi Anderson Folnag (A-N-D-E-R-S-O-N F-O-L-N-A-G-Y) and I manage the Reclamation and Development Grants Program.

Thank you, Mr. Chairman and Committee members, for this opportunity to tell you about the Reclamation and Development Grants Program.

Today we will hear testimony on projects in HB 7 and HB 14 (Handout MAP and Ranked List).

HB 7 contains

- \$800,000 in funding for planning grants
- \$3,702,833 for 9 projects.

HB 14 contains funding for 7 Reclamation and Development Project in the amount of \$2,099,322. These can be found in Section 11 of HB 14.

I. PROGRAM OVERVIEW: What the RDG does.

- a. Money for projects that
 - i. Repair, reclaim, and mitigate damage to public resources caused by mineral development
 1. Mineral development and hazardous waste
 2. Statutory requirement to abandoned mines
 - ii. Crucial State Needs
 1. Protect Montana's environment
 2. Public interest and total environment of Montana
- b. Eligibility and Ranking – based on statute
 - i. Who can apply
 - ii. Per grant amount
 - iii. Ranking
 - iv. Review Process

2019 Report

- 13 RDG projects
 - \$3,666,778 for 7 projects in HB 7
 - \$1,247,000 for 5 projects in HB 652
- Planning Grants
 - \$900,000 for planning grant - 17 grants awarded as of fall 2020

Heidi Anderson Folnag
RDG Program Manager

Page 1

(406) 444-6691
January 29, 2021

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: DNRC

Name: Heidi Anderson Folnag

Email: handersonfolnag@mt.gov

Phone: (406) 444-6691

City, State: Helena

Written Statement: Testimony attached.

Files: 2021 HB7 HB14 Testimony Anderson Folnag Annotated.pdf Testify via Zoom: Yes Zoom Method: Phone



**(H) JOINT APPROPRIATIONS SUBCOMMITTEE
ON LONG-RANGE PLANNING**

**MONTANA DEPARTMENT OF
NATURAL RESOURCES & CONSERVATION**

(HB 7) (HB14)

Position: Informational

Mr. Chairman and Members of the Committee, my name is Heidi Anderson Folnag (A-N-D-E-R-S-O-N F-O-L-N-A-G-Y) and I manage the Reclamation and Development Grants Program.

Thank you, Mr. Chairman and Committee members, for this opportunity to tell you about the Reclamation and Development Grants Program.

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 2. Statutory requirement to abandoned mines
 - ii. Crucial State Needs
 1. Protect Montana's environment
 2. Public interest and total environment of Montana
- b. Eligibility and Ranking – based on statute
 - i. Who can apply
 - ii. Per grant amount
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2019 Report

- 13 RDG projects
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 - \$900,000 for planning grant - 17 grants awarded as of fall 2020

Heidi Anderson Folnag
RDG Program Manager

Page 1

(406) 444-6691
January 29, 2021

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: Montana Bureau of Mines and Geology

Name: Michael Stickney

Email: mstickney@mtech.edu

Phone: (406) 496-4332

City, State: Butte, MT

Written Statement: Not Provided

Files: MRSN_handoutFinal.pdf

Testify via Zoom: Yes

Zoom Method: Computer



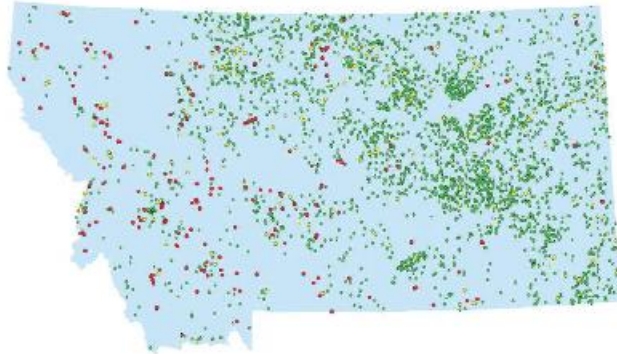
**Modernization of the Montana
Regional Seismic Network by the
Montana Bureau of Mines and Geology**
Reclamation and Development Grants Proposal

Montana is a seismically active state where movements of the earth's crust along geologic faults cause earthquakes, or "seismic activity." The MBMG has operated the Montana Regional Seismic Network (MRSN) since 1980, to measure, record, and locate earthquakes. Using MRSN data, the MBMG has located more than 14,600 earthquakes in Montana since 2015, including the magnitude 5.8 Lincoln earthquake on July 6, 2017. Some of the original seismograph hardware from the 1980s is still in service. The MBMG seeks funding to modernize the MRSN, including the upgrade of 12 seismic stations across the most seismically active regions of Montana.

Monitoring earthquake activity in Montana is necessary to identify seismic hazards and manage risk at dams across the state. The Water Resources Division and the State Water Projects Bureau within the Department of Natural Resources and Conservation depend on data from the MRSN to prioritize dam inspections following significant earthquakes. Knowing when and where earthquakes occur supports timely and efficient inspections of dams that may have been affected by a recent earthquake. Inspections help prevent structural failure of dams and protect public safety and downstream resources, including irrigation systems, agricultural land, and fish and wildlife habitat.



The historic magnitude 7.3 earthquake at Hebgen Lake on August 17, 1959 caused cracking and slumping at the crest of Hebgen Dam (left). The Madison Slide (center) killed 25 people where it dammed the Madison River to form Earthquake Lake. The 1925 Clarkston Valley earthquake triggered the Deer Park slide (right) and extensively damaged schools, churches, and railroads in Three Forks and Manhattan.



Montana's approximately 3,260 dams (left) are ranked as high hazard (red), significant hazard (yellow), and low hazard (green), based on potential for damage and loss of life to downstream populations, property and infrastructure. Map is adapted from the Water Resources Division Dam Safety Program, <http://dnrc.mt.gov/divisions/water/operations/dam-safety/DamsinMontana12282018.pdf>

Thursday 1/28/2021

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: Montana Bureau of Mines and Geology

Name: Madeline Gotkowitz

Email: mgotkowitz@mtech.edu

Phone: (608) 335-1668

City, State: Butte

Written Statement: available for questions as needed with respect to Montana Bureau of Mines and Geology proposal to Modernize the Montana Regional Seismic Network

Files:

Testify via Zoom: No
Zoom Method: N/A

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: Montana Bureau of Mines and Geology

Name: Madeline Gotkowitz

Email: mgotkowitz@mtech.edu

Phone: (608) 335-1668

City, State: Butte

Written Statement: available for questions about MBMG's proposal to modernize the Montana Regional Seismic Network

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Ruby Valley Conservation District

Name: Audra Bell

Email: audra@rvcd.org

Phone: (208) 819-6313

City, State: Sheridan, MT

Written Statement: Not Provided

Files:

Testify via Zoom: No

Zoom Method: N/A

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Informational Witness

Representing an Entity/Another Person: Yes

Organization: State of Montana DPHHS

Name: Jim Murphy

Email: jmurphy@mt.gov

Phone: (406) 444-4016

City, State: Helena, MT

Written Statement: Not Provided

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Great West Engineering as consulting support to Co
Name: Donald Craig Sauer
Email: Csauer@greatwesteng.com
Phone: (509) 413-1430
City, State: Spokane, WA
Written Statement: Consulting support for Remediation Proposal for Powell Co.
Files:
Testify via Zoom: Yes
Zoom Method: Computer

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Ruby Valley Conservation District
Name: Jeremiah Theys
Email: jtheyys@greatwesteng.com
Phone: (406) 431-6650
City, State: Helena, MT
Written Statement: Not Provided
Files:
Testify via Zoom: Yes
Zoom Method: Computer

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: No
Organization: N/A
Name: J.P. Gallagher
Email: jgallagher@bsb.mt.gov
Phone: (406) 497-6222
City, State: Butte, Montana
Written Statement: Thank you Chairman Hopkins and Vice Chairman Cuffee. I am J. P. Gallagher, Chief Executive of Butte-Silver Bow. I am here today to testify on behalf of Butte-Silver Bow's application for funds for the Butte Mining District Reclamation and Protection Project. This project is a critical project due to the impacts mining has had on our community. The project is designed consistent with the goals of the RDG program. It directly addresses storm water impacts effecting our community and supports the conversion of our mine yards into destinations that contribute to our heritage park and interpretation of mining's influence and impact on Butte and the State.
Files:
Testify via Zoom: Yes
Zoom Method: Computer

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Trout Unlimited

Name: Paul Parson

Email: pparson@tu.org

Phone: (406) 218-8635

City, State: Missoula

Written Statement: Kylie Paul from Missoula County will be presenting the Ninemile Project. I will be available to answer questions if needed. Thanks.

Files:

Testify via Zoom: Yes

Zoom Method: Computer

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Big Hole Watershed Committee

Name: Ben LaPorte

Email: blaporte@bhwc.org

Phone: (303) 808-5611

City, State: Philipsburg, MT

Written Statement: Chairman Hopkins, members of the committee, my name is Ben LaPorte. Last name L-A-P-O-R-T-E. I am the Programs Manager for the Big Hole Watershed Committee, and I am here representing the Deer Lodge Valley Conservation District's "Upper French Gulch Fish Passage and Restoration Project". The Big Hole Watershed Committee will lead and oversee this project, with full support and enthusiasm from the Deer-Lodge Valley Conservation District and project partners, Montana Fish, Wildlife and Parks.

This project seeks to restore passage for native fish to 1.7 miles of stream and improve water quality in the upper reaches of French Gulch, a headwater tributary of the Big Hole River. The project area was the location of the first gold strike in the Big Hole drainage in the 1860s. Mining activity altered the channel, leaving a 40-foot drop, which, combined with a perched culvert immediately upstream, form a complete barrier to fish passage. Additionally, several impairments exist at the site that contribute to chronic sedimentation, resulting in poor quality fish and spawning habitat for Westslope cutthroat trout and Artic grayling.

This project will construct a sinuous, step-pool fish passage system to replace the existing migration barrier and the restoration of two large, eroding streambanks. Once complete, fish will once again access the upstream miles of critical, cold-water refugia and spawning habitat that is important for the survival of these native fish. The urgency of this project coincides with the second-largest native fish restoration project in Montana, which was started by FWP in 2020. The success of that effort depends on improved habitat conditions and reduced sediment loading to French Creek.

Substantial investments have been made by over 12 agencies and partner organizations in the past 6 years to fund 16 projects in the French Creek basin. This is the last major project in the drainage. A fully connected and restored French Gulch will serve as a native fish stronghold, populating downstream tributaries and the Big Hole River for the benefit of all Montanans and tourists for the foreseeable future.

Thank you for your time today Charmian Hopkins and members of the committee.

Files: 2021_HB14_Testimony_BHWC.pdf

Testify via Zoom: Yes

Zoom Method: Computer



Post Office Box 21
Divide, Montana 59727
(406) 960-4855
info@bhwc.org
<https://bhwc.org>

January 28, 2021

Steering Committee

Randy Smith- Chair
Rancher - Middle Big Hole
Jim Hagenbarth- Vice Chair
Rancher - Middle Big Hole
Roy Morris- Secretary
George Grant Trout Unlimited
Steve Luebeck- Treasurer
Sportsman

Governing Board

Dave Ashcraft
Rancher- Lower Big Hole
Sierra Harris
The Nature Conservancy
Peter Frick
Rancher- Upper Big Hole
Jim Dennehy
Butte-Silver Bow Water Dept.
Eric Thorson
Fishing Guide & Outfitter
John Jackson
Beaverhead County
Rancher- Upper Big Hole
Hans Humbert
Rancher- Middle Big Hole
Liz Jones
Rancher- Middle Big Hole
Mark Kambich
Rancher- Middle Big Hole
Brian Wheeler
Big Hole River Foundation
Erik Kalsta
Rancher- Lower Big Hole
Dean Peterson
Rancher- Upper Big Hole
Phil Ralston
Rancher- Middle Big Hole
John Reinhardt
Rancher- Middle Big Hole
Bill Kempf
Fishing Guide
Paul Cleary
Resident
Andy Suenram
Resident and Sportsman
Mark Raffetty
Rancher- Lower Big Hole
Ray Weaver
Rancher- Upper Big Hole

TO: Chairman Hopkins; Senators Cuffe, Smith, and Boldman; and
Representative Hamilton and Vinton
FROM: Deer Lodge Valley Conservation District
RE: House Bill 14 – Reclamation and Development Grant Program (RDGP)

Dear Honorable Chairman and Members of the Committee,

Please accept this letter of support from the Big Hole Watershed Committee (BHWC) for the Reclamation and Development Grant Program's (RDGP) project "Upper French Gulch Fish Passage and Restoration Project" within House Bill 14.

This project seeks to restore passage for native fish to 1.7 miles of stream and improve water quality in the upper reaches of French Gulch, a headwater tributary of the Big Hole River. The project area was the location of the first gold strike in the Big Hole drainage in the 1860's. Mining activity altered the channel, leaving a 40-foot drop, which, combined with a perched culvert immediately upstream, form a complete barrier to fish passage. Additionally, several impairments exist at the site that contribute to chronic sedimentation, resulting in poor quality fish and spawning habitat for Westslope cutthroat trout and Arctic grayling.

This project will construct a sinuous, step-pool fish passage system to replace the existing migration barrier and the restoration of two large, eroding streambanks. Once complete, fish will once again access the upstream miles of critical, cold-water refugia and spawning habitat that is important for the survival of these native fish. The urgency of this project coincides with the second largest native fish restoration project in Montana, which was started by FWP in 2020. The success of that effort depends on improved habitat conditions and reduced sediment loading to French Creek.

Substantial investments have been made by over 12 agencies and partner organizations in the past 6 years to fund 16 projects in the French Creek basin. This is the last major project in the drainage. A fully connected and restored French Gulch will serve as a native fish stronghold, populating downstream tributaries and the Big Hole River for the benefit of all Montanans and tourists for the foreseeable future.

Thank you for your time.

Sincerely,

Pedro Marques
Executive Director, Big Hole Watershed Committee

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Missoula County

Name: Kylie Paul

Email: kpaul@missoulacounty.us

Phone: (406) 370-6979

City, State: Missoula

Written Statement: Paul Parson with Trout Unlimited will also be on hand for any questions.

Files: Missoula County Ninemile Creek project testimony 2021.pdf Testify via Zoom: Yes Zoom Method: Computer

Good morning Mr. Chair and members of the committee,

My name is Kylie Paul and I am the Natural Resource Specialist for Missoula County's Community and Planning Services department. I am proud to talk to you today about the Ninemile Creek Mine Reclamation project, a project involving strong partnerships, important watershed restoration, mine reclamation work, and economic benefits to Montanans.

There is a strong partnership between Missoula County, Trout Unlimited, and the Lolo National Forest, working since 2004 to effectively and efficiently clean up abandoned mine sites in the Ninemile watershed northwest of Missoula. The funding we're requesting here today is critical to completing an important phase of reclamation work on the most impacted reach of the creek.

Starting with an initial gold rush in the late 1800s and lasting until the 1960s, mining activity in the Ninemile Valley has significantly altered the landscape and impacted hundreds of acres. It resulted in tributaries that no longer connect to Ninemile Creek, little to no floodplain, high levels of erosion and reduced water quality.

Over \$4 million dollars has been invested through this project, over a third of which has come from DNRC support, and we've secured significant funds from DEQ, FEMA, and the US Forest Service. From this effective partnership of Missoula County, Trout Unlimited, and the Lolo National Forest, twelve mine reclamation projects have been completed in the Ninemile Valley. These projects have:

- o Restored 152 acres of floodplain
- o Restored 2.8 miles of Ninemile Creek
- o Reconnected 9 tributaries, and
- o Moved nearly 320,000 cubic yards of abandoned mine piles

We're proud that these projects offer local, high-quality jobs. Ninety percent of funds for reclamation projects in the Ninemile Creek watershed have gone to the private sector, and most all of that has stayed Montana-based, through the hiring of local and regional contractors and consultants.

In addition to having economic benefits, these projects provide numerous environmental benefits and benefits to Montana citizens, with improved water quality, fisheries, and wildlife habitat. It's also provided recreation, educational and public safety benefits.

Yet, this work is far from complete. The phase of the project we're discussing today is in the heart of the most impacted reach of Ninemile Creek. It is the sixth phase of a strategic plan to clean up abandoned mine sites in the Ninemile Creek watershed. This project will build on all the previous reclamation work done in the Ninemile Creek watershed by connecting previously restored sections of Ninemile Creek and adjacent tributaries. We will continue this effort with restoration work this summer and continue work in the future with one more phase to complete the plan to restore Ninemile Creek.

The project will restore stream and floodplain functions to 3,700 feet along Reach 5 of Ninemile Creek. The primary goals of the project are to improve water quality and reclaim mining impacts and reconnect a previously damaged tributary. The objectives are to regrade large placer piles to fill settling ponds and create a more uniform floodplain surface. The floodplain will be shaped to incorporate microtopography and woody debris, then revegetated with native plants. The confluence of Ninemile Creek and Soldier Creek will be constructed to provide aquatic connectivity while the Ninemile Creek channel will be reconstructed through the reclaimed floodplain and will include diverse habitat for fish and wildlife.

Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Montana Department of Environmental Quality

Name: Wayne Jepson

Email: wjepson@mt.gov

Phone: (406) 431-9019

City, State: Helena, MT

Written Statement: Swift Gulch High Flow Treatment System and Stream Rehabilitation

This project is part of DEQ's ongoing effort to address water quality impacts resulting from mining in the Zortman-Landusky area. The Swift Gulch watershed, which is upstream of the Fort Belknap Reservation, has been affected by both modern and historic mining.

Placer mining during the early 1900s disrupted the natural stream bed and flood plain of Swift Gulch and South Bighorn Creek. Modern open pit mining at the Landusky site occurred between 1979 and 1996, prior to the bankruptcy of Pegasus Gold in 1998. Impacts to water quality in Swift Gulch resulting from open pit mining did not become evident until after the bankruptcy.

DEQ began operating water treatment facilities in Swift Gulch in 2008 and has continued to optimize these systems since then. Although the water treatment systems effectively remove metals and acidity from the stream during normal flow conditions, higher flow conditions have resulted in continued downstream impacts, primarily from the scouring and transport of iron-rich precipitates that accumulate in the upper Swift Gulch channel. High flow conditions during the spring of 2018 resulted in the downstream deposition of these precipitates in the South Big Horn Creek channel adjacent to Fort Belknap's Pow Wow and Sundance sites. During the fall of 2018, DEQ constructed a sediment retention pond intended to settle out this contaminated sediment before it reaches South Big Horn Creek. This pond has proven to be effective in protecting water quality during moderate stream flow conditions, but major rain or snow melt events result in overflows from this pond that continue to transport some sediment downstream. Water overflowing the pond during these conditions is acidic.

This project would involve the installation of a new component of the treatment system that would be used during high-flow events. An alkaline chemical would be added directly to the creek upstream of the sediment retention pond, neutralizing acidity and promoting the settling of iron-rich sediment within the pond prior to discharge over the spillway.

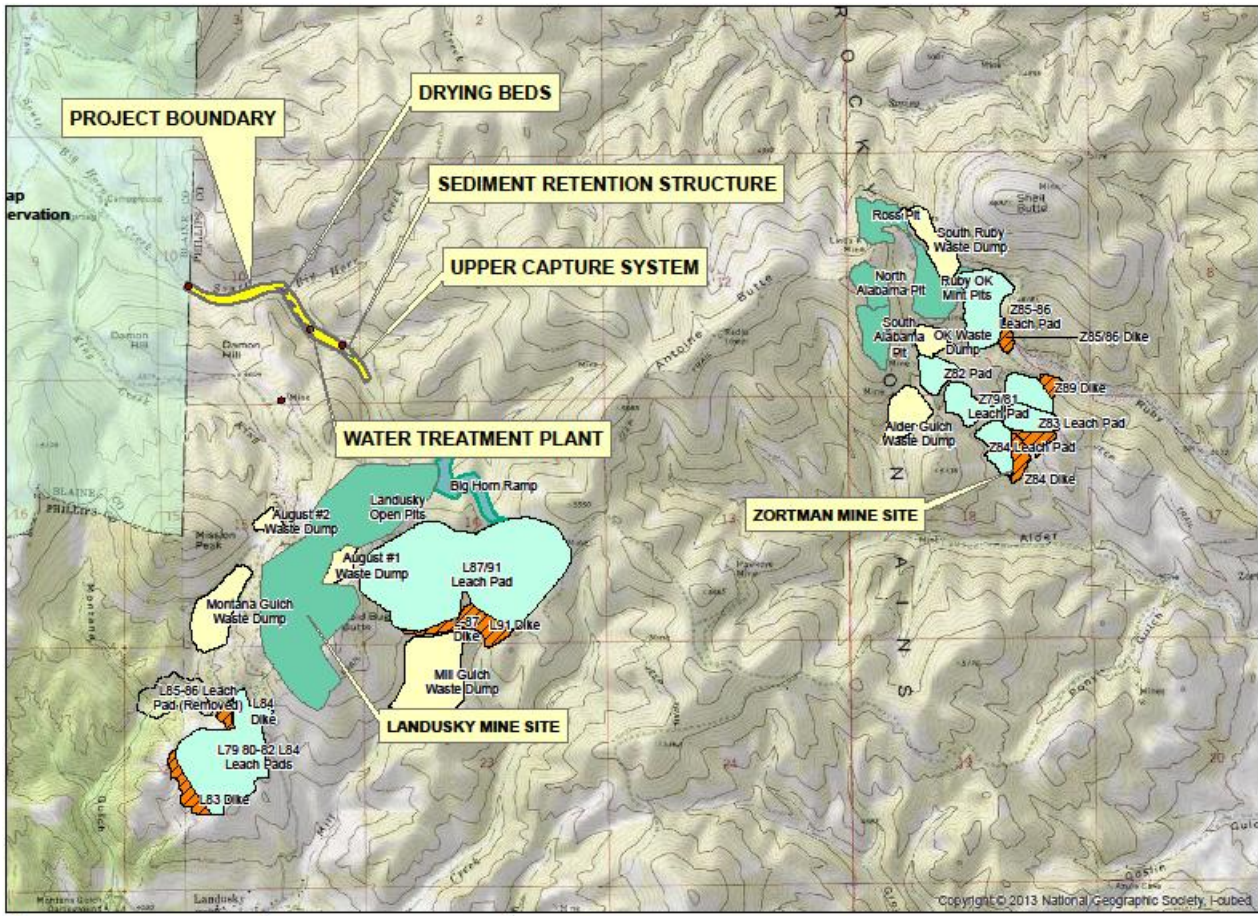
In addition to constructing this treatment system, this project would also rehabilitate the stream channel between the Swift Gulch water treatment plant and the Fort Belknap Reservation boundary, reducing impacts from past land disturbance. Log dams and rock weirs would be installed in the creek to improve sediment retention and reduce stream velocities. This would help minimize transport of sediment from Swift Gulch onto the Fort Belknap Indian Reservation.

Stream banks and flood plains would be restored using woody debris and the planting of willow cuttings, native grasses and trees. Hydro mulch and seed would be applied to unvegetated areas.

Additional reclamation work would be performed to reduce visual impacts and sediment loading from modern disturbances associated with the construction of access roads and water treatment facilities, including revegetating the embankments of sludge dewatering beds associated with the water treatment plant.

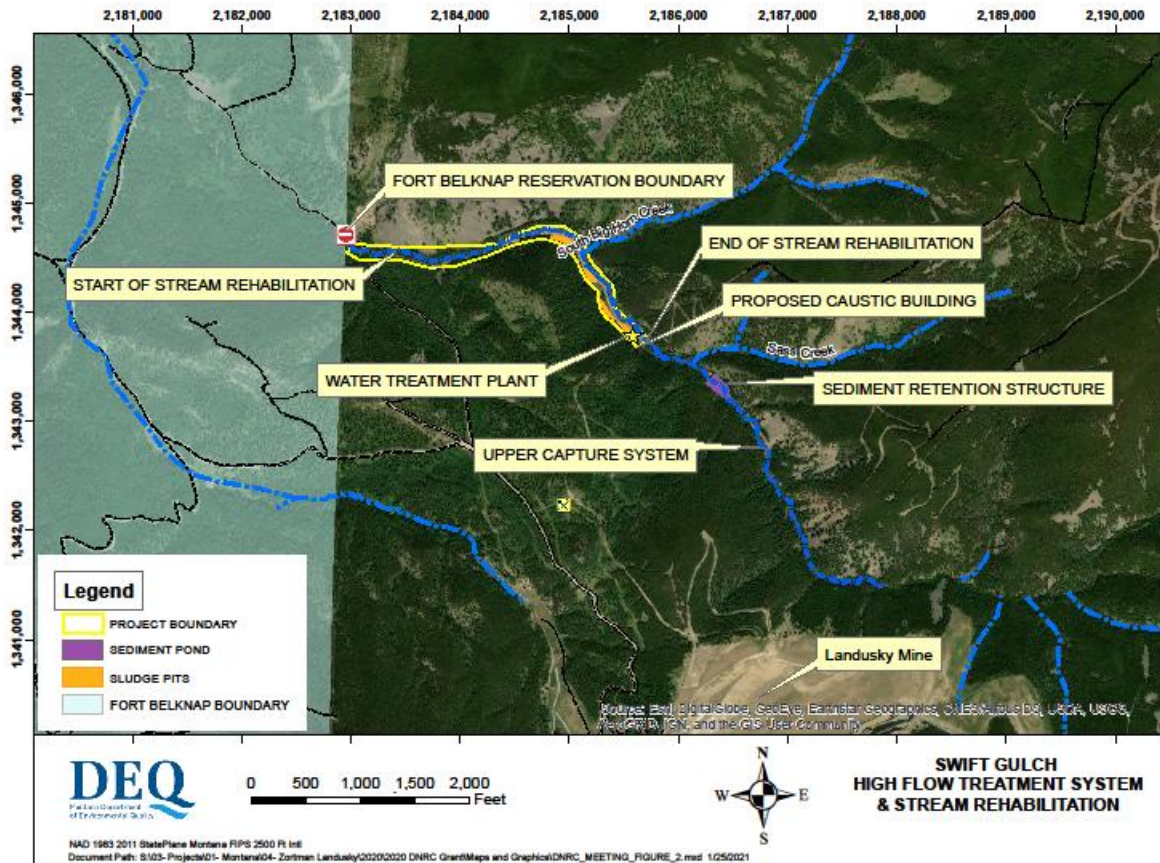
In closing, this project will increase the effectiveness of DEQ's reclamation and water treatment efforts in Swift Gulch and will enhance water quality and aesthetics downstream of the site.

Files: DNRC_MEETING_FIGURE_1.pdf DNRC_MEETING_FIGURE_2.pdf Testify via Zoom: Yes Zoom Method: Computer



ZORTMAN LANDUSKY MINE SITE

8:105-ProjectW01-MontanaW04-Zortman Landusky/2020/2020 DNRC GreenMaps and Graphics/3 Swift Gulch Little Rockies Location Map DNRC MAP 1.mxd



Details:

Bill: HB-7: Reclamation and Development Grants 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: No

Organization: N/A

Name: Andrew Short

Email: ashort@co.mineral.mt.us

Phone: (406) 822-3525

City, State: Superior, MT

Written Statement: Mineral County Testimony Interim Remedial Action at Milwaukee Road – Haugan State Superfund Facility Chairman of Mineral County Commissioners, Roman Zylawy and Mineral County Environmental Health/Planning Department Director, Andy Short Appropriations Subcommittee Chairman – Mike Hopkins Vice Chairman – Mike Cuffe Hearing - HB 7 and HB 14 RDGP projects January 29, 2020 (tentative)

Introduction

Good morning [Mr. Chairman/Mr. Vice Chairman] and members of the committee. My name is Andy Short, S-H-O-R-T and I am the Mineral County Environmental Health/Planning Department Director. A Project Officer for the Department of Environmental Quality, Matthew Kent, is attending this hearing via Zoom and is available to answer any technical or other questions I may need to defer to him regarding the project.

Mineral County is requesting funding for an interim remedial action at the Milwaukee Road – Haugan State Superfund Facility to eliminate a fuel oil pit posing the major portion of the risk to human health, wildlife, and the environment at the site.

Background

Milwaukee Road-Haugan, located an eighth-of-a-mile southwest of Haugan, is a historic 40-acre railroad station and switching yard that operated from 1909 to 1987. As with many other stations along the Old Milwaukee Road, when the railroad went bankrupt, environmental problems were left behind at Haugan.

Waste disposal practices during operation of the site are unknown; however, wastes such as fuel oil appear to have been released to the ground surface, specifically in a centrally located pit. Several drums containing oily wastes and possibly pesticides were abandoned onsite and underground storage tanks were previously found onsite and one or more may remain.

The site is in a lightly populated area immediately south and adjacent to the St. Regis River. The Route of the Olympian multi-use trail runs directly through the site and according to the Five Valleys Land Trust, this trail brings tens of thousands of visitors to the western part of Mineral County during the summer season. Until this past fall, site access was completely unrestricted, including to the fuel oil pit, posing a hazard to humans and wildlife. The site has been ranked as a “high” priority on the state superfund list. Railroad bankruptcy funds weren’t sufficient to cover all these environmental issues and no other liable party for the site has been identified.

Site Investigation

This past summer, thanks to a DNRC Reclamation and Development Planning Grant, an environmental consultant under the direction of DEQ performed a limited investigation of the environmental issues associated with the fuel oil pit. The investigation found that oily sludge has flowed to the south and east from the pit via a drainage ditch. Oil suspected to be from a leaking underground storage tank was found in subsurface soil in one location to the east of the pit. Additionally, the investigation found metals at concentrations of concern in soils, but only low levels of metals and no petroleum hydrocarbons, volatile organic compounds, or PCBs in groundwater. Lack of groundwater contamination is good news, suggesting the pit is not significantly affecting water quality and aquatic life in the St. Regis River. However, the pit contamination poses a threat of exposure to hazardous substances for people and animals. The report contains recommendations to remove the fuel oil pit and to determine if a leaking buried tank remains at the site and needs to be removed.

The other critical component of the planning grant work was installation of security fencing around the fuel oil pit as a temporary measure to prevent exposure of humans and wildlife to hazardous substances. The pit security fence was completed at the beginning of November 2020.

2021 DNRC Cleanup Grant Funded Work

The main components of this proposed project are excavation and offsite disposal of sludge and contaminated soil. If funded, this project grant will allow the removal of an estimated 1,930 cubic yards of contaminated material and backfilling and regrading of the removal area. This will eliminate the need for the visually unattractive security fence, which can then be removed, and will prevent contamination to the surrounding environment.

Most people who have heard of Haugan probably recognize it for the 50,000 Silver Dollar, the large truck stop at Exit 16 off Interstate 90. But, more and more people are recognizing this area of Mineral County for its natural beauty and recreational opportunities such as fishing the St. Regis; hiking, biking, or riding recreational vehicles on the Trail of the Olympian; and visiting the historic Savenac Tree Nursery. This old rail station has posed a threat to people, wildlife, and the environment for decades. Now that we have temporarily mitigated the threat from the pit, the RDGP Cleanup Grant will provide an opportunity to permanently remove this environmental threat and remove a blight on the viewshed of what is primarily a very attractive location that is growing in popularity and has natural resources worth protecting.

Mineral County and DEQ respectfully urge the Committee to fund this interim action at the Milwaukee Road – Haugan site.

Files: min_co_leg_testimony.pdf

Testify via Zoom: Yes

Zoom Method: Computer

Mineral County Testimony

Interim Remedial Action at Milwaukee Road – Haugan State Superfund Facility
Chairman of Mineral County Commissioners, Roman Zylawy and Mineral County Environmental Health/Planning Department Director, Andy Short

Appropriations Subcommittee

Chairman – Mike Hopkins

Vice Chairman – Mike Cuffe

Hearing - HB 7 and HB 14 RDGP projects

January 29, 2020 (tentative)

Introduction

Good morning [Mr. Chairman/Mr. Vice Chairman] and members of the committee. My name is Andy Short, S-H-O-R-T and I am the Mineral County Environmental Health/Planning Department Director. A Project Officer for the Department of Environmental Quality, Matthew Kent, is attending this hearing via Zoom and is available to answer any technical or other questions I may need to defer to him regarding the project.

Mineral County is requesting funding for an interim remedial action at the Milwaukee Road – Haugan State Superfund Facility to eliminate a fuel oil pit posing the major portion of the risk to human health, wildlife, and the environment at the site.

Background

Milwaukee Road-Haugan, located an eighth-of-a-mile southwest of Haugan, is a historic 40-acre railroad station and switching yard that operated from 1909 to 1987. As with many other stations along the Old Milwaukee Road, when the railroad went bankrupt, environmental problems were left behind at Haugan.

Waste disposal practices during operation of the site are unknown; however, wastes such as fuel oil appear to have been released to the ground surface, specifically in a centrally located pit. Several drums containing oily wastes and possibly pesticides were abandoned onsite and underground storage tanks were previously found onsite and one or more may remain.

The site is in a lightly populated area immediately south and adjacent to the St. Regis River. The Route of the Olympian multi-use trail runs directly through the site and according to the Five Valleys Land Trust, this trail brings tens of thousands of visitors to the western part of Mineral County during the summer season. Until this past fall, site access was completely unrestricted, including to the fuel oil pit, posing a hazard to humans and wildlife. The site has been ranked as a "high" priority on the state superfund list. Railroad bankruptcy funds weren't sufficient to cover all these environmental issues and no other liable party for the site has been identified.

Site Investigation

This past summer, thanks to a DNRC Reclamation and Development Planning Grant, an environmental consultant under the direction of DEQ performed a limited investigation of the environmental issues associated with the fuel oil pit. The investigation found that oily sludge has flowed to the south and east

Details:

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: NewFields Companies, LLC/Town of Sunburst

Name: Christin Hileman

Email: chileman@newfields.com

Phone: (406) 262-7434

City, State: Havre

Written Statement: Not Provided

Files: Testimony Letter_FINAL.pdf

Testify via Zoom: Yes

Zoom Method: Computer



January 27, 2021

Long-Range Planning Subcommittee
Montana State Legislature
State Capitol
PO Box 201706
Helena, MT 59620-1706

**Subject: HB 14
Testimony in Support of the DNRC RDG Program and the Suta South Cleanup Project,
Sunburst, Montana**

Dear Chairman Hopkins and Members of the Long-Range Planning Subcommittee:

I write to you today to express my overwhelming support for HB 14 and the Suta South Cleanup Project in Sunburst, Montana (see attached map). On behalf of myself, Sweetgrass Development Corporation, and the Town of Sunburst, I would like to thank the committee for your work to consider and hopefully fully fund the DNRC Reclamation and Development Grant Program (RDGP) as a great tool for rural development. The Town of Sunburst is requesting \$185,805 in DNRC RDGP funds to complete cleanup at the former Suta South gas station site located adjacent to U.S. Interstate 15 and the entry to Sunburst. Once cleaned up, the Town of Sunburst will acquire the vacant property and redevelop it as a community park, traveler rest area, and electric car charging facility in collaboration with the Chevron Corporation.

As described in the DNRC staff recommendation to fully fund the project, private landowners have attempted to clean up the site using their own funds but have not had the capital to complete the project. The property was eligible for past grant funding based on public interest in reuse and revitalization. Today, a substantial amount of petroleum impacted soil remains onsite, causing benzene levels in groundwater to exceed the Montana DEQ's screening levels for benzene by 1,500 times, and leaving elevated concentrations of multiple other petroleum chemicals. The Suta South Cleanup Project will include excavation of petroleum impacted soils approx. 8 feet thick east and southeast of the former tanks. To ensure complete removal, a sewer line will be temporarily rerouted. By removing the heavily impacted soil, groundwater contamination will be resolved. The cleanup plan is approved by DEQ, and if grant funds are awarded, the site will be remediated and could be safely reused.

Sunburst currently has no greenspace or playgrounds, and reuse of this site would include a park with a play structure for local children and travelers to utilize. DNRC RDGP funding will allow the Town of Sunburst to capture extraordinary public benefit that would otherwise be lost. Thank you for your consideration of this important project and HB 14.

Sincerely,

A handwritten signature in black ink that reads 'Christin Hileman'.

Christin Hileman
Project Manager

Attachment: Figure 1 – Location Map

Bill: HB-14: Long-Range Building Bonding Program 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Montana Farmers Union

Name: Kim Mangold

Email: kmangold@montanafarmersunion.com

Phone: (406) 459-6341

City, State: Helena

Written Statement: Support full funding for the Montana Veterinarian Diagnostic Lab and the Ag Analytical Lab. These two labs are critical to address animal and crop safety to insure a healthy commodity market in Montana.

Bill: HB-14: Long-Range Building Bonding Program 2021-01-29 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: No

Organization: N/A

Name: J.P. Gallagher

Email: jgallagher@bsb.mt.gov

Phone: (406) 497-6222

City, State: Butte, Montana

Written Statement: Thank you Chairman Hopkins and Vice Chairman Cuffee. I am J. P. Gallagher, Chief Executive of Butte-Silver Bow. I am here today to testify on behalf of Butte-Silver Bow's application for funds for the Butte Mining District Reclamation and Protection Project. This project is a critical project due to the impacts mining has had on our community. The project is designed consistent with the goals of the RDG program. It directly addresses storm water impacts effecting our community and supports the conversion of our mine yards into destinations that contribute to our heritage park and interpretation of mining's influence and impact on Butte and the State.

FRIDAY 1/29/21

Bill: HB-5: Long-Range Building Appropriations 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: State Buildings Energy Conservation Program

Name: Bonnie Rouse

Email: brouse@mt.gov

Phone: (406) 444-6439

City, State: Helena, MT

Written Statement: Will provide verbal testimony through zoom

Eastern Montana Veteran's Home

Location

Glendive

Project Completion

July 2019

Project Budget

\$189,556

Budget Breakdown

Utility: \$12,000

Agency: \$20,000

SBECP: \$157,556

Annual Estimated Savings

\$16,293

205,551 kWh

Project Summary

Campus lighting upgrade. LED lamps and fixtures were installed both inside and outside of campus buildings.

Background

The Eastern Montana Veteran's Home (EMVH) is a State-owned facility that is privately operated by the Glendive Medical Center (GMC). Due to multiple entity involvement, the project required a unique partnership between SBECP, DPHHS, and GMC. The partnership was structured on an agreement between DPHHS and GMC, where GMC agreed to pay DPHHS the energy savings resulting from the project, through the financing term; therefore allowing the project to move forward with savings paid to DPHHS to cover project construction costs. The project permanently removed and replaced over 1,000 florescent ballasts, a source of ongoing maintenance cost incurred by GMC. This upgrade allowed GMC to capitalize not only on energy savings but also on reduced subcontracted maintenance for ballast replacement.

IN NEED OF IMMEDIATE REPLACEMENT

In addition to being an energy hog, the lighting at EMVH was in poor condition. A significant number of the florescent lamp ballasts were failing, resulting in flickering lights throughout the facility. Staff often turned the lights on before using office space to allow the ballasts to "warm up" to reduce flickering and visitors complained of suffering from headaches caused by the flickering lights. The campus did not have a standardized lamp color temperature and many of the plastic lenses on lighting fixtures had deteriorated. The lack of variable color illumination created spaces with poor visual contrast.

This upgrade project replaced all florescent and sodium vapor lamps/ballasts with LED lamps and fixtures. The Department of Energy's National Research Lab assisted with dimming systems designed and installed in facility hallways. These systems were designed to improve circadian rhythms of the residents. Both nursing staff and residents appreciate the dimmable lighting as it eliminates high intensity light resulting from room entry and is less disruptive to sleep patterns. Not only does dimmable lighting provide substantial energy savings, but the uniform illumination provides high contrast zones lessening risk for slips, trips and falls. In addition, lamps with the highest possible color rendering index were used in medicine dispensing rooms. High color rendering light makes colors sharper and easier to see, potentially reducing medicine dosing errors. Finally, upgrading to LED lights in the parking lot and along egress sidewalks improved safety for night work shifts.

Upgrading to LED lighting across the campus reduced the baseline electrical load by ~40%. New fixtures have 2-5 times the operating life of those replaced.



Fort Peck Fish Hatchery

Location

Fort Peck

Project Completion

December 2019

Project Budget

\$657,700

Budget Breakdown

FWP: \$382,700

SBECP: \$275,000

Annual Estimated Savings

\$18,921

Gas: 2,789 MMBTU

Project Summary

Boiler replacement project: two new 1-million BTU boilers, piping, two heat exchangers, and high efficiency pumps were installed to replace existing aging boilers and system equipment. Additionally, to enhance ability to maintain preprogrammed process water temperatures, new control equipment was installed. Control equipment included motor speed controllers on pumps and new digital control system. (2019 Legislative Session)

Background

The Fort Peck Fish Hatchery is a cold and warm water species fish-rearing facility that was transferred from the U.S. Army Corps of Engineers to the Dept. of Fish Wildlife and Parks after its construction in about 2001. Hatchery process water is pumped from the Missouri River and then filtered and tempered with heated water, towards an optimal fish rearing temperature of 52-degree Fahrenheit, allowing the fish eggs to hatch. The hatchery is located about 1-mile east of the town of Fort Peck, MT.

IN NEED OF IMMEDIATE REPLACEMENT

Just 4-years prior to this boiler replacement project, FWP had re-tubed the existing process water boilers in an effort to get a few more years of operation. Unfortunately, the tubes quickly failed and boiler replacement was necessary. At the time of replacement, the fire tubes in one boiler had deteriorated to the point that the water spraying from the tubes extinguished the boiler flame and water spraying from the other boiler was producing steam in the exhaust stack. Without boiler replacement, the facility would have lost process water tempering control and have been forced to suspend rearing warm water fish.

The hatchery rears fish to match the requests from FWP field biologists. These requests vary annually by the species and by the mass of fish reared, for each species. Because fish production variables are a function of energy use, determining the baseline energy for typical annual hatchery operations was problematic; therefore, energy savings from this project was determined using differences in boiler efficiency between the old and new boilers. When installed, the old boilers (about 20-years old) had a nominal operating efficiency of 80%, though likely since they had been gradually failing over time, their actual operating efficiency was 75% (or less) when they were replaced. Additional savings were likewise determined using differences in pump motor efficiency.

With this project, boiler efficiency improved from ~75% to 88% and pump motor efficiency improved from 65% to 91%. Uncharacterized energy savings include the new shell-in-tube heat exchangers and a piping correction that reduced boiler side pumping requirements, by as much as 35%.



Photo 1: Twin 1-Million BTU Boilers



Photo 2: Twin "Tube-in-Shell" Heat Exchangers

Project Lists - SBEP
Current Funded Projects – FY20/FY21

Agency/Facility	Energy Investment	Energy Costs Savings/Yr	Leveraged Utility Funds	State Leveraged Funds	Energy Savings (MMBTU)/Yr	Project City	Type of Project
DEPARTMENT OF FISH, WILDLIFE, AND PARKS							
Fort Peck Hatchery	\$275,000	\$18,921	\$0	\$382,700	2,789	Fort Peck	Mechanical Boiler Replacement
Fort Peck Hatchery	\$1,106,000	\$76,293	\$0	\$1,200,000	2,228	Fort Peck	Mechanical Pumping Efficiency
Mikoshika State Park	\$5,000	\$417	\$0	\$5,000	24	Glendive	Lighting
<i>Subtotal</i>	<i>\$1,386,000</i>	<i>\$95,631</i>	<i>\$0</i>	<i>\$1,587,700</i>	<i>5,041</i>		
DEPARTMENT OF CORRECTIONS							
Women's Prison	\$7,000	\$609	\$0	\$219,870	133	Billings	Mechanical Domestic Hot Water
Pine Hills	\$17,000	\$1,499	\$0	\$129,180	280	Miles City	Mechanical Domestic Hot Water
Montana State Prison	\$55,000	\$5,354	\$0	\$247,551	849	Deer Lodge	Mechanical High Side Support Heating
<i>Subtotal</i>	<i>\$79,000</i>	<i>\$7,462</i>	<i>\$0</i>	<i>\$596,601</i>	<i>1,262</i>		
DEPARTMENT OF LABOR AND INDUSTRY							
Missoula Job Service	\$36,000	\$3,080	\$1,500	\$20,000	84	Missoula	Lighting
Kalispell Job Service	\$10,500	\$984	\$4,604	\$4,809	55	Kalispell	Lighting
Great Falls Job Service	\$167,812	\$21,611	\$12,409	\$0	605	Great Falls	Lighting
Glendive Job Service	\$3,911	\$339	\$1,225	\$5,000	16.5	Glendive	Lighting
Butte Job Service	\$35,000	\$3,032	\$100	\$90,000	223	Butte	Lighting
Havre Job Service	\$10,305	\$1,399	\$700	\$0	42	Havre	Lighting
<i>Subtotal</i>	<i>\$263,528</i>	<i>\$30,445</i>	<i>\$20,538</i>	<i>\$119,809</i>	<i>1,206</i>		
Montana School for Deaf and Blind							
Montana School for Deaf and Blind	\$170,000	\$18,400	\$17,000	\$0	448	Great Falls	Lighting
<i>Subtotal</i>	<i>\$170,000</i>	<i>\$18,400</i>	<i>\$17,000</i>	<i>\$0</i>	<i>448</i>		
TOTAL PROJECTS*	\$1,898,528	\$151,938	\$37,538	\$2,304,110	7,777		

*Energy calculations are based on the best available information at the time of report. Because some projects may not be fully completed and closed, calculations may change. Final calculations will be updated upon project closeout.

Proposed Projects – FY22/FY23

Agency (of project) / Project Name	Estimated Energy Investment	Estimated Savings/Year	Simple Payback/ Years	Description of Proposed Project
Department of Fish, Wildlife, and Parks				
First Peoples Buffalo Jump State Park	\$10,000	\$1,000	10	Replace inefficient lighting using new LED technology
Lewis and Clark Caverns State Park	\$10,000	\$1,000	10	Replace inefficient lighting using new LED technology
Pictograph Cave State Park	\$10,000	\$1,000	10	Replace inefficient lighting using new LED technology
Traveler’s Rest State Park	\$10,000	\$1,000	10	Replace inefficient lighting using new LED technology
Department of Labor and Industry				
Sidney Job Service	\$5,000	\$500	10	Replace inefficient lighting using new LED technology
Helena Job Service	\$35,000	\$3,500	10	Replace inefficient lighting using new LED technology
State-wide Energy Improvements				
Energy Efficiency Upgrades on A&E Projects	\$1,500,000	\$100,000	15	Provide energy funds for efficiency improvements on A&E projects
Lighting Upgrade Projects in State Facilities	\$750,000	\$75,000	10	Replace inefficient lighting using new LED technology
Energy Efficiency Upgrades in MT University System	\$1,370,000	\$91,333	15	Provide energy funds for efficiency improvements on University facilities
Total	\$3,700,000	\$274,333	11	

SBECF Contact:

Bonnie Rouse
 Program Manager
 406-444-6439 or 406-439-4356
 brouse@mt.gov



Bill: HB-5: Long-Range Building Appropriations 2021-02-02 08:30 AM - (H) JAS on Long-Range Planning

Position: Proponent

Representing an Entity/Another Person: Yes

Organization: Department of Military Affairs

Name: Leslie White

Email: leslie.c.white.nfg@mail.mil

Phone: (406) 324-3107

City, State: Helena, MT

Written Statement: Not Provided

DMA LRBP Project Overview

Legislature Session 67th HB5



Projects	LRBP Book		LRBP Cash	Federal	Grand Total
	Page Number			Special	
Great Falls AFRC Roof Replacement	40	Major	204,350	613,050	817,400
Kalispell AFRC Roof Replacement	42	Major	357,496	642,104	999,600
Lewistown RC Roof Replacement	43	Major	91,500	91,500	183,000
Billings AFRC Backup Generator	53	Major	213,500	640,500	854,000
Libby RC Loading Ramp Expansion	54	Major	38,125	114,375	152,500
Ft Harrison Bldg 530 Roof Replacement	94	M		244,000	244,000
Post Engineers Remodel	95	M		473,850	473,850
Billings FMS Compound Fencing	96	M		99,450	99,450
FT. Harrison Range Vault Latrines	97	M		99,450	99,450
AASF Waste Tanks	98	M		137,250	137,250
Helena FMS MEP Rigid Concrete Paving Expansion	99	M		434,625	434,625
LSH Concrete Loading Ramp	100	M		122,000	122,000
Missoula FMS Rigid Concrete Paving	101	M		106,750	106,750
			Total Major	904,971	3,818,904
				3,818,904	4,723,875
Butte Readiness Center	105	Capital	801,249	2,195,751	2,997,000
Havre Unheated Storage Building	111	Capital	105,530	316,590	422,120
Billings AFRC Unheated Storage Expansion	112	Capital	77,013	231,038	308,051
Fort Harrison Barracks	137	C		6,000,000	6,000,000
FTH Bldg 64 RTI Addition/Remodel	138	C		2,164,500	2,164,500
FTH Bldg 1001 Draw Yard	139	C		811,980	811,980
FTH Rail Head Yard	140	C		811,980	811,980
LSHTA Barracks #1	141	C		2,164,500	2,164,500
Federal Spending Authority	142	C		3,000,000	3,000,000
			Total	983,792	17,696,339
				17,696,339	18,680,131
			Grand Total	1,888,763	21,515,243
				21,515,243	23,404,006

Not Listed

Projects	LRBP Cash	Federal	Grand Total
		Special	
Billings AFRC POV Sustainment	117,425	309,575	427,000
Dillon RC POV Sustainment	43,920	43,920	87,840
Kalispell AFRC POV	44,530	77,470	122,000
Libby POV Sustainment	35,100	35,100	70,200
Womack Compound and Parking Expansion	211,670	635,010	846,680
Grand Total	452,645	1,101,075	1,553,720

PRIORITY MR-18

GREAT FALLS AFRC ROOF REPLACEMENT

DEPARTMENT OF MILITARY AFFAIRS
\$817,400

The Great Falls Armed Forces Reserve Center is a primary stationing and training facility for the Montana Army National Guard. The current roof is failing and must be replaced to avoid damage to the facility and to maintain safe conditions for the soldiers.

Damage includes cracked vents, broken shingles, and substantial areas of leakage through the roof and damaged interior finishes. The project will remove the deteriorated roof and replace it with a new single ply membrane.



Please refer to LRBP Project Number MR-18 page 40. The Great Falls Armed Forces Reserve Center located at Malmstrom Air Force Base in Great Falls houses both MTARNG and Army reserve units. The building is approximately 31,000 SF. The roof was installed in 2002 and the 15 year warranty expired in 2017. The roof has joint cracks and substantial areas of leakage resulting in warped and destroyed ceiling panels. Deferring the replacement further will result in roof rot, soaked insulation and unmitigated mold and mildew issues. The state share in this project is 25%.

FUNDING	
LRBP Cash	\$204,350
Federal Special	\$613,050
TOTAL	\$817,400

ESTIMATED PROJECT COSTS	
Construction Costs	\$737,000
Consultant Services	\$80,400
TOTAL	\$817,400

PRIORITY MR-20

KALISPELL AFRC ROOF REPLACEMENT

DEPARTMENT OF MILITARY AFFAIRS
\$999,600

Replacement of Kalispell AFRC roof is necessary to avoid consequential damage to the facility interior and higher repair costs and to maintain safe conditions for the soldiers. The roof is failing resulting in cracked vents, substantial leaking and damage to the interior of the building. The project will remove the deteriorated roof and replace with a new single ply membrane.

The Readiness Center is a primary stationing and training facility for the Montana Army National Guard. The roof must be replaced because it is beyond economical repair. Replacement of the roof at the AFRC is necessary to avoid consequential damage to the facility interior and higher repair costs and to maintain safe conditions for the soldiers.



Please refer to LRBP Project Number MR-20 page 42. The Kalispell Armed Forces Reserved Center is approximately 36,000 SF and houses both the MTARNG and the Army Reserves. The single ply (Hypalon) roof was installed in 2004. The roof is beyond economic repair and the replacement is necessary to prohibit further interior damage to the facility. The state share of this project is 36%.

FUNDING	
LRBP Cash	\$357,496
Federal Special Revenue	\$642,104
TOTAL	\$999,600

ESTIMATED PROJECT COSTS	
Construction Costs	\$899,650
Consultant Services	\$99,950
TOTAL	\$999,600

PRIORITY MR-21

LEWISTOWN RC ROOF REPLACEMENT

DEPARTMENT OF MILITARY AFFAIRS
\$183,000

The Readiness Center is a primary stationing and training facility for the Montana Army National Guard.

Replacement of the roof at the Readiness Center is necessary to prevent further damage to the facility due to the failing roof. Damage includes creaked vents and substantial areas of leakage through the roof and damaged interior finishes.

Repairs to the existing roof are no longer economically feasible. The roof needs replacement to prevent further leakage and damage to the interior of the building and to maintain a safe environment for soldiers.



Please refer to LRBP Project Number MR-21 page 43. This state-owned building was built in 1962 of primarily brick construction. It provides 10,000 SF of training area for the MTARNG. The roof was last replaced in 2000. Deferring maintenance of the synthetic rubber (EDPM) roof will result in further damage to the interior structure of the facility. The state share of the replacement is 50%.

FUNDING	
LRBP Cash	\$91,500
Federal Special	\$91,500
TOTAL	\$183,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$165,000
Consultant Services	\$18,000
TOTAL	\$183,000

PRIORITY MR-31

BILLINGS AFRC BACKUP GENERATOR

DEPARTMENT OF MILITARY AFFAIRS
\$854,000

Install a generator at Billings Armed Forces Reserve Center.

This project is necessary because the Billings Armed Forces Reserve Center is the designated Command and Control Center for any response to civil emergencies in the eastern half of the State. If we have an event that interrupts that power, the ability to oversee any type of relief operation in eastern Montana is greatly compromised.

If we have an event that interrupts that power, the ability to oversee any type of relief operation in eastern Montana is greatly compromised.

Project would be designed to connect to existing facility power grid in order to provide back-up power in the event of an outage. Project would include the generator, supporting infrastructure and modifications to the electrical system. This project is necessary because the Billings Armed Forces Reserve Center is the designated Command and Control Center for any response to civil emergencies in the eastern half of the State. If there is an event that interrupts that power, the ability to oversee any type of relief operation in eastern Montana is greatly compromised.



Please refer to LRBP Project Number MR-31 page 53. The Billings Armed Forces Reserve Center is strategically located in Eastern Montana to be a center for civil support operations. The facility does not currently have backup generation which is necessary to mitigate the inherent risks associated with a catastrophic power failure and to ensure the continuous non compromised relief operations in Eastern Montana. The project is 75% federally funded, requiring \$213,000 LRBP cash.

FUNDING	
LRBP Cash	\$213,000
Federal Special Revenue	\$640,500
TOTAL	\$854,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$770,000
Consultant Services	\$84,000
TOTAL	\$854,000

PRIORITY MR-32

LIBBY RC LOADING RAMP EXPANSION

DEPARTMENT OF MILITARY AFFAIRS \$152,500

A loading ramp is needed to accommodate two tier military vehicles and to remedy a safety hazard.

The Libby Readiness Center needs a two-tier military vehicle loading ramp and the service apron as allowed in the NG Pam 415-2 to allow for the loading and unloading of vehicles from trailers that do not have loading ramps as an integral part of the trailer. There is a safety issue when needing to unload equipment.

There is only one high loading dock that works for Military vehicles. When a truck comes that needs a lower dock, there is a safety issue when unloading the truck.

Please refer to LRBP Project Number MR-32 page 54. This project will add a second tier to the loading ramp at the Libby Readiness Center. The current ramp was designed to offload military transportation, however most equipment transportation is now accomplished through commercial carriers resulting in approximately 50% reduction in transportation costs. However, the deck on commercial carriers is considerably lower. This addition to the loading ramp will accommodate commercial delivery equipment and facilitate the reduction in funds required to train and properly equip the unit. This project is 75% federally funded, resulting in a request for \$38,125 LRBP cash.



FUNDING	
LRBP Cash	\$38,125
Federal Special Revenue	\$114,375
TOTAL	\$152,500

ESTIMATED PROJECT COSTS	
Construction Costs	\$137,500
Consultant Services	\$15,000
TOTAL	\$152,500

PRIORITY DMA-01

FT. HARRISON BUILDING 530 ROOF REPLACEMENT

DEPARTMENT OF MILITARY AFFAIRS

\$244,000

This project will replace a roof on Ft. Harrison Building 530. The roof is beyond its useful life and has multiple leaks which have damaged the facility. The replacement will prevent further structural damage and decrease maintenance costs.



Please refer to LRBP Project Number DMA-01 page 94. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$244,000
TOTAL	\$244,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$220,000
Consultant Services	\$24,000
TOTAL	\$244,000

PRIORITY DMA-02

POST ENGINEERS REMODEL

DEPARTMENT OF MILITARY AFFAIRS
\$473,850

This project will remodel the Post Engineers Maintenance Building to accommodate 24 personnel and create a 415 square foot conference room. The existing conference room will be remodeled into office space to accommodate the additional personnel.

To plan for existing and future staffing levels within the next five years, the Fort Harrison Post Engineers Maintenance Building will be remodeled to accommodate 24 personnel. The primary goal of the project is to remodel current spaces to accommodate existing and anticipated additional staff levels and to provide maintenance shop requirements.

The building size is insufficient for the number of employees working there. The proximity creates a safety and health concern for the employees.

Please refer to LRBP Project Number DMA-02 page 95. This project is 100% federally funded.



FUNDING	
Federal Special Revenue	\$473,850
TOTAL	\$473,850

ESTIMATED PROJECT COSTS	
Construction Costs	\$426,150
Consultant Services	\$47,700
TOTAL	\$473,850

PRIORITY DMA-03

BILLINGS FMS COMPOUND FENCING

DEPARTMENT OF MILITARY AFFAIRS
\$99,450

This project will build a fence around the perimeter of the Billings Field Maintenance Shop, which will provide a secured area for the Military vehicles.

The current facility does not meet Anti-Terrorism Force Protection (ATFP) requirements. The addition of the perimeter fence and gate would create a “controlled access perimeter” which then reduces the ATFP requirements so that the facility will be in compliance.



Please refer to LRBP Project Number DMA-03 page 96. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$99,450
TOTAL	\$99,450

ESTIMATED PROJECT COSTS	
Construction Costs	\$89,250
Consultant Services	\$10,200
TOTAL	\$99,450

PRIORITY DMA-04

FT. HARRISON RANGE VAULT LATRINES

DEPARTMENT OF MILITARY AFFAIRS
\$99,450

This project will provide permanent vault style latrines to accommodate the number of soldiers who utilize the training area.

Fort Harrison Training Range is currently using portable latrines, which are inconvenient for the soldiers. There are over 100 soldiers using these porta pods over a typical weekend. With this high usage portable latrines become full and unclean quickly. Building vault style latrines would be a cost-effective and sanitary solution.

This project will construct four dual sided unisex style latrines with hand sanitizer stations and equipped with solar lighting to support the MOUT and FOB non-live firing facilities at Fort Harrison Range.

Please refer to LRBP Project Number DMA-04 page 97. This project is 100% federally funded.



FUNDING	
Federal Special Revenue	\$99,450
TOTAL	\$99,450

ESTIMATED PROJECT COSTS	
Construction Costs	\$89,250
Consultant Services	\$10,200
TOTAL	\$99,450

PRIORITY DMA-05

AASF WASTE TANKS

DEPARTMENT OF MILITARY AFFAIRS \$137,250

This project will solve safety issues with the current oil burner at the Army Aviation Support Facility. It will replace the current oil burner with above ground tanks for oil and jet fuel.

Remove the existing waste oil burner from aircraft storage hangar. Install an above ground 400-gallon tank for jet fuel and a 600-gallon tank for used oil. Both tanks will be dual walled AST so that no secondary containment is required. The tanks will contain overfill alarms, and a nozzle on the jet fuel tank so they can fuel essential power equipment.

The oil burner in the aircraft storage hangar violates compliance with NFPA 409/UFC 4-211-01N for fire barrier IAW fire inspection. The most cost-effective solution is to install the waste tanks.



Please refer to LRBP Project Number DMA-05 page 98. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$137,250
TOTAL	\$137,250

ESTIMATED PROJECT COSTS	
Construction Costs	\$123,750
Consultant Services	\$13,500
TOTAL	\$137,250

PRIORITY DMA-06

HELENA FMS MEP RIGID CONCRETE PAVING EXPANSION

DEPARTMENT OF MILITARY AFFAIRS
\$434,625

The current facility is short on paved compound space and during significant events storm drainage enters the facility. This project will add approximately 1,763 square yards Military Equipment Parking rigid concrete pavement as authorized under NG Pam 415-12. Along with the rigid concrete pavement, all required storm water drainage improvements as well as fencing and curbing will be installed as required.

The compound currently has a limited amount of rigid concrete paving and vehicles are parked on muddy areas adjacent to the compound resulting in safety concerns and reduced readiness. The parking area will create a safer, more effective working and training environment.

Rigid concrete pavement in compounds provide a cleaner and safer area for soldiers to perform maintenance activities on vehicles, is easier to maintain and when properly graded can assist in managing storm water runoff. The compound currently has a limited amount of rigid concrete paving and vehicles have been parked on muddy areas adjacent to the compound resulting in safety concerns and reduced readiness.



Please refer to LRBP Project Number DMA-06 page 99. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$434,625
TOTAL	\$434,625

ESTIMATED PROJECT COSTS	
Construction Costs	\$391,875
Consultant Services	\$42,750
TOTAL	\$434,625

PRIORITY DMA-07

LIMESTONE HILLS TRAINING AREA CONCRETE LOADING RAMP

DEPARTMENT OF MILITARY AFFAIRS
\$122,000

This project will create a concrete loading ramp at Limestone Hills Training Area. It will have the capability of loading up to 72-ton M1 A2 Abrams Tanks.

The current dirt loading ramp is not in compliance with National Guard requirements creating a safety hazard for soldiers mobilizing equipment for training. This project will construct 160 square foot of loading ramp and 250 square yards of access apron for the loading and unloading of military vehicles at the Limestone Hills Training Area. The ramp will have two tiers to facilitate the loading and unloading of vehicles from lighter and heavier trailers depending on the type of vehicle being transported.

The Limestone Hills Training Area is the primary maneuver and live fire training area for the Montana Army National Guard. In support of those uses, the current dirt loading ramp is inadequate to load and unload the type and number of military vehicles moving back and forth from this location and creates significant safety issues. NG Pam 415-12 shows a requirement for training areas to be able to unload vehicles from trailers that do not have loading ramps as an integral part of their design. This ramp will need to be capable of loading smaller wheeled vehicles all the way up to 72-ton M1 Abrams Tanks.



Please refer to LRBP Project Number DMA-07 page 100. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$122,000
TOTAL	\$122,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$110,000
Consultant Services	\$12,000
TOTAL	\$122,000

PRIORITY DMA-08

MISSOULA FMS RIGID CONCRETE PAVING

DEPARTMENT OF MILITARY AFFAIRS
\$106,750

This project will increase the size of the rigid concrete paving to accommodate all the vehicles.

This project will add rigid concrete pavement to replace the unpaved compound as authorized per NG Pam 415-12. Along with the rigid concrete pavement, all required storm water drainage structures, fencing and curbing will be installed as deemed necessary.

The unpaved area presents safety hazards and can negatively impact the environment in storm water events. Rigid pavement is required to provide a safe facility which complies with environmental regulations.

The existing compound has limited rigid concrete paving and the unit has been parking vehicles on gravel/mud areas adjacent to the compound. The unpaved area presents safety hazards and can negatively impact the environment in storm water events. Rigid pavement is required to provide a safe facility which complies with environmental regulations.



Please refer to LRBP Project Number DMA-08 page 101. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$106,750
TOTAL	\$106,750

ESTIMATED PROJECT COSTS	
Construction Costs	\$96,250
Consultant Services	\$10,500
TOTAL	\$106,750

PRIORITY CD-02

BUTTE READINESS CENTER

DEPARTMENT OF MILITARY AFFAIRS \$2,997,000

The total project cost was not funded in HB652 of the 66th legislature. Additional funding is needed to complete the project. This request is for the remainder of the funding and additional funding for furniture and equipment.

The Butte Readiness Center was approved in the 66th legislative session for \$5,000,000 general obligation bonds and \$17,000,000 federal special; the funds approved in HB652 were \$1,203,000 less than the total project cost. The Readiness Center is going to need additional federal special for furniture and equipment.

This project is short \$801,249 LRBP funds and \$401,751 federal special. This request also includes \$1,794,000 of Federal Special for furniture and equipment.



Please refer to LRBP Project Number CD-02 page 105. In the 66th legislative session, the Butte Readiness Center was funded in HB652. The funded amount was rounded to \$17M federal special revenue and \$5M LRBP bonds which totaled \$22M of the original request. In addition to recovering the funds rounded off in HB652 we are requesting \$1,794,000 for furniture and equipment in federal special revenue. Our request for \$801,249 LRBP cash facilitates compliance with the federal requirement for state share of 25% for this \$23M project planned for construction near Butte Montana.



FUNDING	
LRBP Cash	\$801,249
Federal Special Revenue	2,195,751
TOTAL	\$2,997,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$0
Consultant Services	\$0
TOTAL	\$2,997,000

PRIORITY CD-06

HAVRE UNHEATED STORAGE BUILDING

DEPARTMENT OF MILITARY AFFAIRS \$422,120

This project will build an unheated storage building for protective storage of equipment. Currently the Readiness Center does not have adequate space for storage to be in compliance with National Guard criteria. Equipment is being stored in the maintenance bay which is causing unsafe and inefficient working conditions. Adding the additional unheated storage space will eliminate the storage in the maintenance bay. This building will be approximately 1800 square foot.

Havre Readiness Center is currently short on unheated storage; the maintenance bay is being used as a storage place, which it was not designed for. There is an increased risk of military equipment getting damaged. To enable the training mission of the Montana Army National Guard at the Readiness Center, a storage building is required to protect equipment and prevent unnecessary damage to military equipment.

Please refer to LRBP Project Number CD-06 page 111. The Havre Readiness Center is short approximately 18,000 SF. Unheated storage space is often used for equipment like metal detectors, camouflage nets and ancillary vehicle equipment. Operating in space that is less than the authorized footprint forces the use of facility space that is meant to facilitate training and readiness to be used to store equipment, therefore without the Havre Unheated Storage Building less training will be conducted which negatively impacts the readiness of the MTARNG. We are requesting the required 25% state match for this project which is \$105,530 of the \$422,120 total project cost. The state share of the O&M costs is less than \$250 per year.

FUNDING	
LRBP Cash	\$105,530
Federal Special Revenue	\$316,590
TOTAL	\$422,120

ESTIMATED PROJECT COSTS	
Construction Costs	\$380,000
Consultant Services	\$41,520
TOTAL	\$422,120

O&M COSTS			
	2023	2025	2027
FTE	0	0	0
Personal Services	\$0	\$0	\$0
Operating Costs	\$500	\$500	\$500
Maintenance Expenses	\$0	\$0	\$0
TOTAL O&M COSTS	\$500	\$500	\$500

PRIORITY CD-07

BILLINGS AFRC UNHEATED STORAGE EXPANSION

DEPARTMENT OF MILITARY AFFAIRS \$308,051

This project will build an unheated storage building for protective storage of equipment.

The Billings AFRC has inadequate unheated storage space for the equipment used in support of the mission of Montana Army National Guard. This project will add 3510 square feet of hard surface parking for military equipment thus facilitating the proper storage type and space to prevent failures due to cold temperature operations.

Exposure to harsh weather conditions damages unprotected military vehicles and equipment, shortening their useful life. Shipping containers provide temporary protection for some equipment. Providing additional and more permanent storage will protect vehicles and equipment and extend their useful life.

The equipment composition of the units assigned to the BAFRC has changed drastically since the existing facility was constructed. Due to these changes and the increase in the assigned units strength and equipment footprint, more storage is required. Currently the facility is utilizing shipping containers that are taking up limited compound space and are inconvenient and inefficient for storing equipment and limits the ability to store essential equipment. This project would provide the additional storage space that is required for the equipment used in support of the mission of the Montana Army National Guard.

Please refer to LRBP Project Number CD-07 page 112. The Billings Armed Forces Reserve Center is short approximately 30,000 SF. Generally, when a military facility is below the authorized SF, spaces that should be used for other functional purposes, such as training, end up being used as storage. This has happened in Billings and is negatively impacting the soldiers' training and readiness. We are requesting the required 25% state match for this project which is \$77,013 of the \$308,051 total project cost. The state share of the O&M costs is less than \$300 per year.

FUNDING	
LRBP Cash	\$77,013
Federal Special Revenue	\$231,038
TOTAL	\$308,051

ESTIMATED PROJECT COSTS	
Construction Costs	\$277,751
Consultant Services	\$30,300
TOTAL	\$308,051

O&M COSTS			
	2023	2025	2027
FTE	0	0	0
Personal Services	\$0	\$0	\$0
Operating Costs	\$600	\$600	\$600
Maintenance Expenses	\$0	\$0	\$0
TOTAL O&M COSTS	\$600	\$600	\$600

PRIORITY DMA-01

FT. HARRISON BARRACKS

DEPARTMENT OF MILITARY AFFAIRS
\$6,000,000

This Project is 100% federally funded.

To maintain a Level III Training Site at Fort Harrison, more billeting facilities are needed. The project will include design and construction of the barracks and supporting infrastructure at Fort Harrison.

As part of the Fort Harrison’s Level III Training Site, we are required to be able to train multiple Battalions at the same time. Currently, we lack the billeting facilities to do so and as a result we risk losing the Level III designation. Loss of that would reduce manning, funding, and training at Fort Harrison which would have an impact on the State.



Please refer to LRBP Project Number DMA-01 page 137. This project is 100% federally funded.

FUNDING			
Federal Special Revenue			\$6,000,000
TOTAL			\$6,000,000
ESTIMATED PROJECT COSTS			
Construction Costs			\$5,575,000
Consultant Services			\$425,000
TOTAL			\$6,000,000
O&M COSTS			
	2023	2025	2027
FTE	0	0	0
Personal Services	\$0	\$0	\$0
Operating Costs	\$0	\$0	\$0
Maintenance Expenses	\$0	\$0	\$0
TOTAL O&M COSTS	\$0	\$0	\$0

*O&M Costs 100% Federal

PRIORITY DMA-02

FT. HARRISON BUILDING 64 RTI ADDITION/REMODEL

DEPARTMENT OF MILITARY AFFAIRS
\$2,164,500

This project will renovate 1,023 square feet of existing space in the Regional Training Institute Building 64 and will add an additional 2,363 square feet of new classroom space to support 30 students training for duty as Quartermasters. The facility will comply with current antiterrorism standards and will allow for accreditation increasing the number of soldiers training in Montana.

This project is fully designed and pending 100% federal funding. The current facility size does not support the requirement for an accredited RTI schoolhouse. RTI accreditation increases the number of soldiers visiting and training in Montana.



Please refer to LRBP Project Number DMA-02 page 138. This project is 100% federally funded.



FUNDING	
Federal Special Revenue	\$2,164,500
TOTAL	\$2,164,500

ESTIMATED PROJECT COSTS	
Construction Costs	\$1,942,500
Consultant Services	\$222,000
TOTAL	\$2,164,500

PRIORITY DMA-03

FORT HARRISON BLDG 1001 DRAW YARD

DEPARTMENT OF MILITARY AFFAIRS
\$811,980

The current lack of secured compounds causes training inefficiencies and reduces unit readiness. This project will create multiple secured compound sections with an 8-foot-tall chain link fence, security gates and gravel base. It will be located across the street from the Unit Training Equipment Site and will be used by transient units to secure equipment and vehicles.

Currently when units train at Fort Harrison they have no place to draw equipment, store equipment or turn in equipment for their training rotation. As a result of being unable to secure their vehicles and other equipment, units must remove all gear at the end of training and then re-install required gear prior to the start of the next training event. This results in significant training inefficiencies which has a direct impact on the readiness of the Montana Army National Guard. The proposed draw yard project will remedy the existing challenges and improve training operations.



Please refer to LRBP Project Number DMA-03 page 139. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$811,980
TOTAL	\$811,980

ESTIMATED PROJECT COSTS	
Construction Costs	\$728,700
Consultant Services	\$83,280
TOTAL	\$811,980

PRIORITY DMA-04

FORT HARRISON RAIL HEAD YARD

DEPARTMENT OF MILITARY AFFAIRS
\$811,980

Provide a paved/surfaced secure compound space for military vehicles and equipment including M2 Bradley infantry fighting vehicles and M1 Abrams tanks. This will provide security during mobilization operations and improve efficiencies, enhance troop safety, and reduce the risk of damage, theft or vandalism of sensitive military equipment.

Units that are loading or unloading vehicles and equipment on the train require a yard to secure storage at Fort Harrison. The yard is currently unsecured. This rail head yard will provide the necessary protection and security for the vehicles and equipment during mobilization/demobilization operations.



Please refer to LRBP Project Number DMA-04 page 140. This project is 100% federally funded.

FUNDING	
Federal Special Revenue	\$811,980
TOTAL	\$811,980

ESTIMATED PROJECT COSTS	
Construction Costs	\$728,700
Consultant Services	\$83,280
TOTAL	\$811,980

PRIORITY DMA-05

LIMESTONE HILLS TRAINING AREA BARRACKS #1

DEPARTMENT OF MILITARY AFFAIRS
\$2,164,500

This project will build barracks for soldiers at Limestone Hills training area, which is a requirement of a level III Training Site. Currently there are no barracks at Limestone Hills training area.

Construct one barracks facility to provide 160 open bay billets and 8 1+1 billets to the transient troop infrastructure. To reduce costs, this project is intended as an austere building, much less finished than similar buildings planned at Fort Harrison. This building should be constructed near the existing UTES forward building.

Fort Harrison is a Level III Training Site and is composed of the Fort Harrison cantonment area, the Fort Harrison training area and the Limestone Hills training area. Compliant barracks for visiting units is a key requirement of a Level III Training Site. We are currently 70% deficient in this area and failure to address this shortfall could result in the loss of the level III status. This would have a catastrophic effect on the training and readiness of the National Guard soldiers as well as an adverse impact upon the local economy dependent upon transient troops training in Montana.

Please refer to LRBP Project Number DMA-05 page 141. This project is 100% federally funded.



FUNDING	
Federal Special Revenue	\$2,164,500
TOTAL	\$2,164,500

ESTIMATED PROJECT COSTS	
Construction Costs	\$1,942,500
Consultant Services	\$222,000
TOTAL	\$2,164,500

O&M COSTS			
	2023	2025	2027
FTE	0	0	0
Personal Services	\$0	\$0	\$0
Operating Costs	\$0	\$0	\$0
Maintenance Expenses	\$0	\$0	\$0
TOTAL O&M COSTS	\$0	\$0	\$0

*O&M Costs 100% Federal

PRIORITY DMA-06

FEDERAL SPENDING AUTHORITY

DEPARTMENT OF MILITARY AFFAIRS \$3,000,000

This appropriation allows for federal funds to be used for repair, maintenance, and facility improvements projects on all Department of Military Affairs facilities statewide.

Funds become available to the state from the federal government. These funds can be used to match existing funds or to fund projects authorized by the federal government. If we do not have the spending authority these funds may have to be turned back.

Various times of the year the federal government authorizes funds for new minor construction and maintenance projects. This appropriation will allow the state to accept federal funds to help implement our construction program.

FUNDING	
Federal Special Revenue	\$3,000,000
TOTAL	\$3,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$2,500,000
Consultant Services	\$500,000
TOTAL	\$3,000,000

Bill: HB-14: Long-Range Building Bonding Program 2021-02-02 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: No
Organization: N/A
Name: Michael Lawson
Email: lawsonml@mac.com
Phone: (406) 560-3591
City, State: MT
Written Statement: Not Provided

Bill: HB-5: Long-Range Building Appropriations 2021-02-02 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Montana Fish, Wildlife and Parks
Name: Ken McDonald
Email: kmcdonald@mt.gov
Phone: (406) 444-5645
City, State: Helena
Written Statement: Not Provided

Bill: HB-5: Long-Range Building Appropriations 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: DPHHS
Name: Zoe Barnard
Email: zbarnard@mt.gov
Phone: (406) 444-7044
City, State: Helena
Written Statement: Not Provided

Bill: HB-5: Long-Range Building Appropriations 2021-02-02 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Fish, Wildlife & Parks
Name: Eileen Ryce
Email: eryce@mt.gov
Phone: (406) 788-5784
City, State: Helena, MT
Written Statement: Proponent

Bill: HB-5: Long-Range Building Appropriations 2021-02-02 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Montana Fish, Wildlife and Parks

Name: Beth R. Shumate
Email: bshumate@mt.gov
Phone: (406) 444-4585
City, State: Helena, MT
Written Statement: Not Provided

Bill: HB-14: Long-Range Building Bonding Program 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: No
Organization: N/A
Name: J. P. Gallagher
Email: jgallagher@bsb.mt.gov
Phone: (406) 497-6222
City, State: Butte, Montana
Written Statement: Not Provided

Bill: HB-5: Long-Range Building Appropriations 2021-02-02 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Montana Fish Wildlife and Parks
Name: Dustin Temple
Email: dtemple@mt.gov
Phone: (406) 444-0358
City, State: Helena, MT
Written Statement: Agency has submitted all materials.

Bill: HB-5: Long-Range Building Appropriations 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: No
Organization: N/A
Name: J.P. Gallagher
Email: jgallagher@bsb.my.gov
Phone: (406) 497-6222
City, State: Butte, MT

Bill: HB-5: Long-Range Building Appropriations 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: No
Organization: N/A
Name: Josh LaFromboise
Email: jlafromboise@mt.gov
Phone: (406) 444-3030
City, State: Helena, MT
Written Statement: I anticipate providing a summary and answer questions relating to the following projects:
Project DOA-05

Project DOA-06
Project DOA-09

Bill: HB-5: Long-Range Building Appropriations 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: Montana Historical Society
Name: Molly Kruckenberg
Email: mkruckenberg@mt.gov
Phone: (406) 444-5485
City, State: Helena
Written Statement: Not Provided

Bill: HB-14: Long-Range Building Bonding Program 2021-02-01 08:30 AM - (H) JAS on Long-Range Planning
Position: Proponent
Representing an Entity/Another Person: Yes
Organization: NCMEDD dba Sweetgrass Development
Name: Sarah Converse
Email: sweetgrassdevelopment@gmail.com
Phone: (406) 899-7959
City, State: Great Falls, MT
Written Statement: Thank you so much for the chance to testify on Friday, January 29th regarding the Sunburst cleanup project. We are excited to move forward and appreciate your support.