

**MISSOURI-MADISON RIVER FUND
RECREATION PROJECT
APPLICATION FORM FY2019**

Project Name: White Sandy Pipe Pile Removal

Reservoir or River Segment: Hauser Reservoir County(ies): Lewis and Clark

Site Name (or legal location if no site name): White Sandy Recreation Area

Applicant Name and Agency Bureau of Land Management-Kelly Scarbrough

Position (if applicable) Supervisory Outdoor Recreation Planner

Address 106 N. Parkmont Butte, Montana 59701

Telephone # (406) 533-7637 E-mail kscarbrough@blm.gov

Project Sponsor:

A Project Sponsor is required in order to submit an application to the River Fund. Project sponsors serve as active members of Missouri-Madison Regional Working Groups, and include representatives of the U.S. Forest Service; Bureau of Land Management; Montana Fish, Wildlife & Parks; local government; Madison, Gallatin, Broadwater, Chouteau, Lewis and Clark, or Cascade Counties; NorthWestern Energy and the Bureau of Reclamation. Visit www.missourimadison.com for a list of current Regional Working Group members.

Project Sponsor Name Kelly Scarbrough

Agency and Position DOI Bureau of Land Management-Supervisory Outdoor Recreation Planner

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Complete the financial section below by providing total project cost, contributions by applicant and cooperators, request for NorthWestern Energy match of agency funds (see detail on page 2 of this application), and River Fund Grant request. Document in-kind contributions by public agencies for determination of NorthWestern Energy match request. A description of funding sources and in-kind contributions should be included in the Project Description.

	<u>Financial Support</u>
Total Project Cost:	\$ <u>70,000</u>
Applicant Contributions:	\$ <u>5,000</u>
Other Contributions - Please list by source:	
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
NorthWestern Energy Match Request:	\$ <u>5,000</u> _____
River Fund Grant Request:	\$ <u>60,000</u>
Proposed Project Implementation Period:	<u>Fall 2019 (September-October)</u>

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1. Has this project been previously submitted for funding consideration by the River Fund Board, either as a separate project or part of another project? ___ Yes X No

2. Is the proposed project at one of the Project 2188 license sites identified in the Missouri-Madison MOU and listed on page A2-2 of the Comprehensive Recreation Plan? X Yes
 ___ No

3. **Project Description:** Provide a brief (½ page) description of the proposed project.

This project involves permanently removing the second piling in the water that attaches to the courtesy docks and permanently removing the 24 foot courtesy dock at the end (see Figure 1). The piling removal is required because it continues to lean more every year and we are unable to

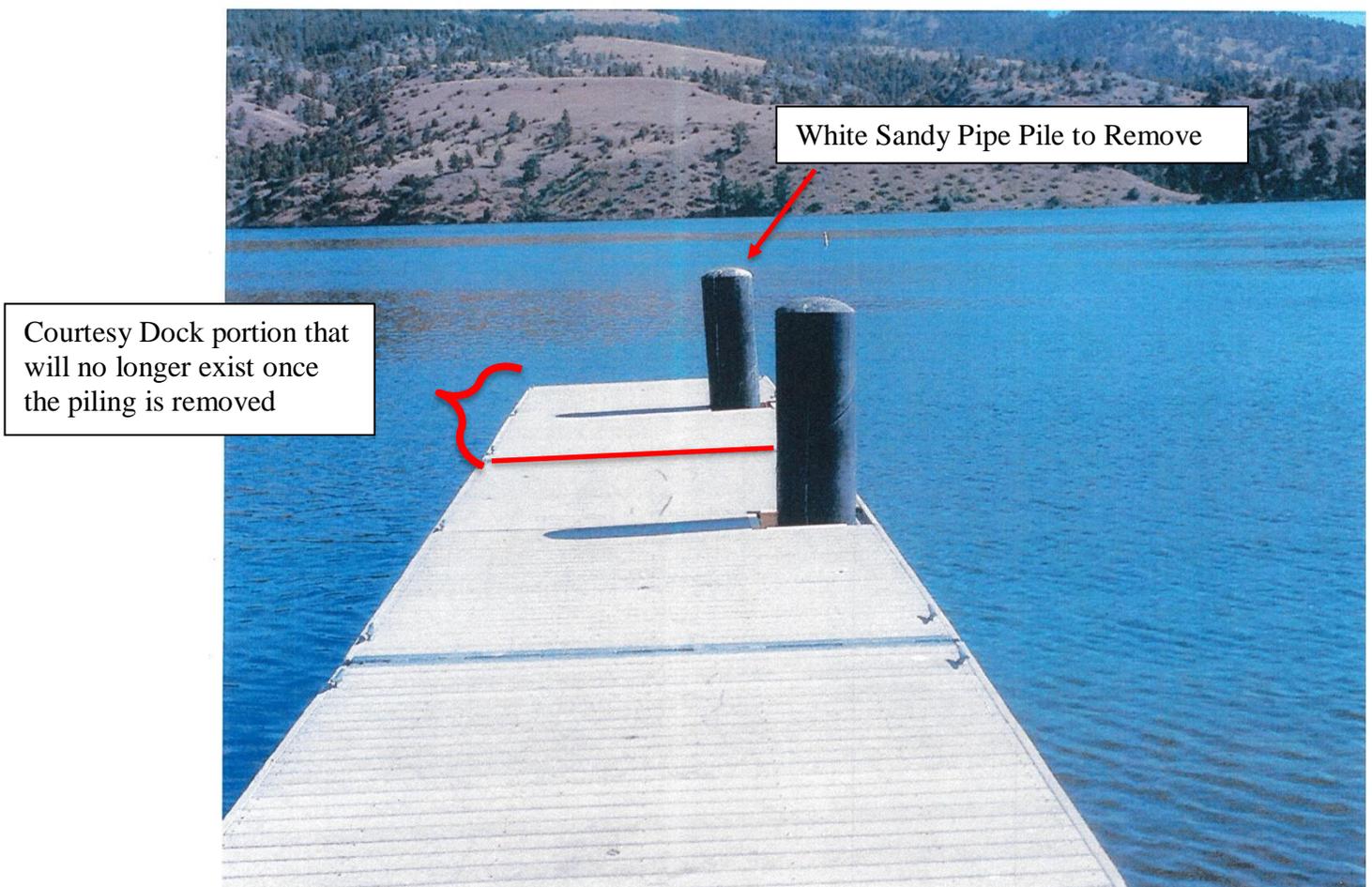


Figure 1: Leaning Piling

get the piling deep enough because the bedrock is too shallow. The second piling is at is only in about 17 feet because bedrock was hit. Ideally, the piling should be in about 40 to 50 feet to properly hold. We have now pulled it over twice, prior to the 2017 and 2018 season with a wrecker, but it continues to lean more every season during the freeze and thaw time. Prior to the 2018 season, the BLM Force Account cut into the dock in order to fit the courtesy dock, even

after we pulled it with the wrecker. At some point we will no longer be able to pull the piling and then we will be left with a situation of only 2 courtesy docks being installed and a large cement piling will be left in the water with no dock near it. This would create a hazard in the water and there would be a high likelihood of a boat hitting the piling. Without something around the piling, there is also a possibility that the site would be closed to minimize the chance of any injuries.

The proposed project would take approximately 45 days starting after Labor Day and end mid-October. After the Labor Day weekend, the BLM Force Account would start work by removing the courtesy docks and prepping the site for the spit and silt curtain install. Once the BLM Force Account work is complete, the contractor will install a Class I Riprap Spit, similar to Figure 2. A silt curtain will also be installed to minimize the particulates entering the water. Then the Lattice Crane/Pile Driver will be used to remove the piling. After the piling has been removed, then the Class I Riprap Spit will also be removed. In the end, the site will be left with 2 courtesy docks (totaling 48 feet) and 1 piling. 1 piling and 1 courtesy dock (totaling 24 feet) will be removed permanently.

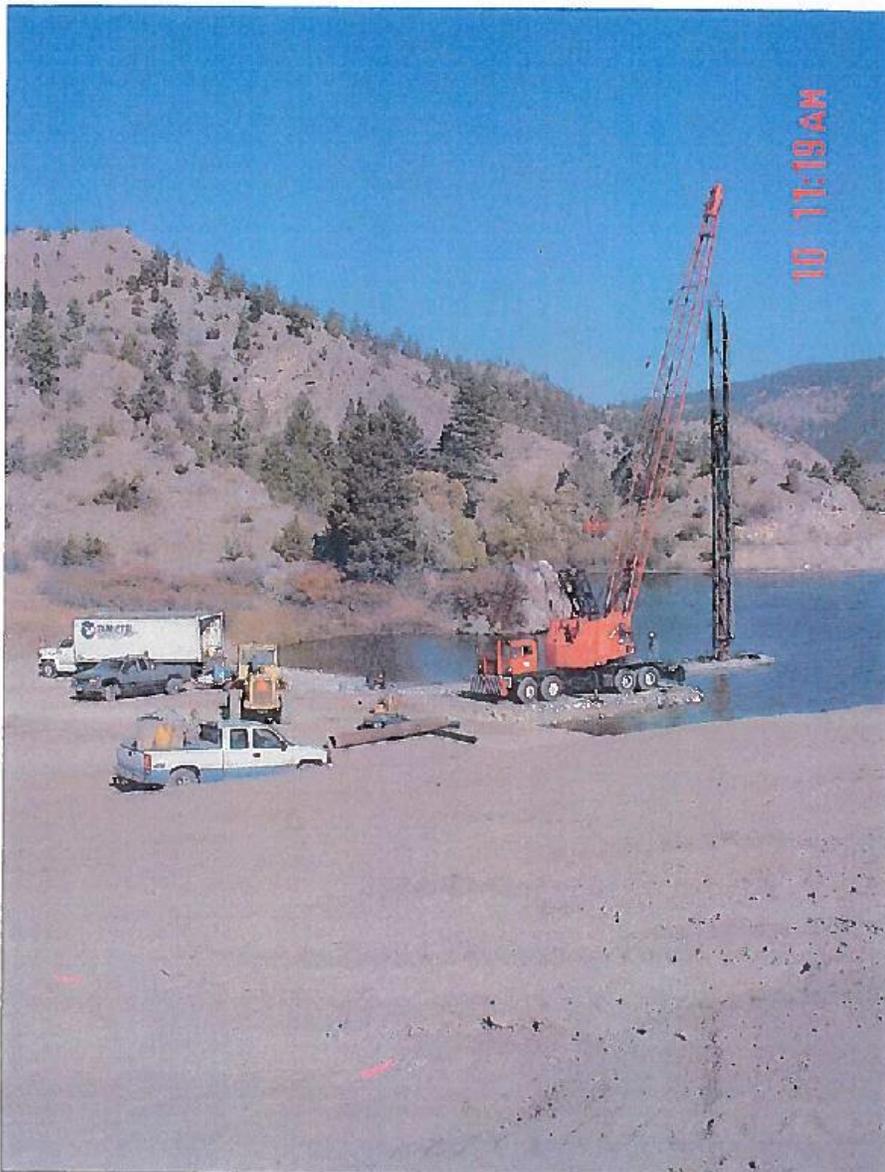


Figure 2: Class I Riprap Spit

4. **Cultural Resource Management:** The temporary spit will be created from riprap brought in off-site and will be built in the reservoir and then removed at the completion of the project.

Scoring Criteria

- 5.1 **Project is for operation and maintenance of an existing recreation site or an existing Project 2188 license site.** Describe how the project would support O&M needs at an existing recreation site that are over and above day-to-day site maintenance. Needs may include measures to open a site for public use as well as minor repair; facility upgrade, reconstruction, and replacement; and major site rehabilitation.

The proposed project is at an existing Project 2188 license site. The project will remove the defective piling and will allow for the continued operation of the dock system at White Sandy Recreation Area. This is not a recurring expense.

- 5.2 **Project involves collaboration with other agencies or organizations.** Identify project partners other than NorthWestern Energy or River Fund, if any, and describe their participation. Document all funding sources and all in-kind support and services to a project, because all are sources of partnerships and in-kind contributions from public agencies qualify for calculation of NorthWestern Energy matching funds. If there are no project partners, explain why.

There are no project partners. However, the BLM Butte Field Office Force Account will initiate the project by removing the courtesy docks with heavy equipment and preparing the site for the Spit and Curtain install. For the use of the heavy equipment and time by the Force Account staff, it is estimated that it will cost \$5,000.00 for the pre-work. Project partners were not sought after for this project. In order to complete the project, the BLM needs an additional \$60,000 from the River Fund Grant and \$5,000 from NorthWestern Energy Match.

- 5.3 **Project provides a benefit to public recreation in the Project Area and addresses specific issues and goals of the Missouri-Madison Comprehensive Recreation Plan (CRP).** Identify how the project provides a benefit to public recreation. Describe how specific issues and goals in Chapter 2-1 of the CRP would be supported.

This project addresses the need “to provide safe and well-managed recreation sites...that provide enjoyable user experiences across a spectrum of opportunities and seasons” by providing a safe courtesy dock system for the public to use. During the beginning of the 2018 season we delayed the opening of White Sandy Recreation Area due to the issues with the docks. The wrecker was used to pull the piling but they could not pull it enough. BLM then had to cut into the dock to make it fit, which worked for this season. The delay negatively impacted recreationists and the delay did not go unnoticed by the public.

The repair will allow for continued use of the courtesy dock and would stop the delay in open the recreation site when it is due to the piling failure.

- 5.4 **Project responds to a clearly identified need.** Describe and document the need for this project and how the project would address that need. Cite specific sources, as possible, to establish need and support the project. Discuss consequences if the funding request is unsuccessful. For a new construction or acquisition project, identify how post-project, long-term costs (such as site maintenance and management) will be provided.

Based on the annual visitor count data for 2015 conducted by American Lands and Pinnacle Research, White Sandy Recreation Area is accessed by visitor groups roughly 17,000 times each summer season (Missouri-Madison 2015 Recreation Visitor Use Count Study). The data clearly shows that this site receives high-use even with less campsites in comparison to the BLM's other recreation areas. For example, White Sandy has 31 campsites where

Devil’s Elbow has 45 campsites. During the high-use weekends, the day-use increases significantly and they day-use focuses on the dock system and the ability to access Hauser Reservoir. Day-use is significant at all of the recreation sites during the weekends. More specifically, day-use at White Sandy is significant also due to the fact that the parking at White Sandy is more conducive to day-users.

If this funding request is unsuccessful, there is a high likelihood that we would not only have to close the dock area, but we would also have to close the entire campground until we could create a temporary fix for the season. There is one easy cut-off point for White Sandy Recreation Area and it is at the entrance. If we close the courtesy dock area only and not the entire site, there is also a possibility where creativity could come into play by the public and the beach area may turn into a boat landing, which would create another hazard.

5.5 Project design options have been considered, estimated, and a preferred design selected.

Well-designed projects reduce occurrences of budgetary overages, design changes, and additional complications. Discuss the current design phase for this project and include cost estimates.

Multiple project design options have been considered by the engineering staff. The final project design removes the piling and the last courtesy dock. The remaining 48 feet of dock would continue to allow the public to put-in and take-out watercrafts as they have done in the past. The dock is only a courtesy dock system, meaning that the public cannot leave boats tied to the dock system at White Sandy Recreation Area.

A future option, if it proves that it is necessary to have the additional 24 feet, would include a Seaflex anchoring system. The Seaflex anchoring system uses I-bolts that screw into the bed of the lake and a rope system would cross under the dock attaching to the bolt in the bed of the lake. The existing dock would also need to be fabricated to work with the new anchoring system. Also, a Geotech group would be used to make sure that the anchoring system is feasible. If we received the go-ahead for the Geotech group, then the anchoring system and fabricated dock would be re-installed. The estimate for the 24-foot dock fix is approximately \$100,000.

White Sandy Recreation Area Pipe Pile Removal Bid Schedule

Item	Description	Estimated Quantity	Unit	Unit Price	Total Amount
1	Class I Riprap Spit Installation	400	Cubic Yard	\$80.00	\$32,000
2	Class I Riprap Spit Removal	400	Cubic Yard	\$40.00	\$16,000
3	Lattice Crane/ Pile Driver	1	Each	\$15,000	\$15,000
4	Silt Curtain	LS	Lump Sum	\$2,000	\$2,000
5	BLM Force Account Pre-Work			\$5,000	\$5,000

TOTAL BID (All or None) \$ 70,000

5.6 Project supports or protects other resources and is consistent with or supports resource plans in the Project Area. In addition to project-related benefits under #3 above, describe how this project will protect resource values (such as public access, water quality, fisheries, wildlife, habitats, and cultural resources) and support other resource plans, including Project 2188 License plans and land use and land management plans in place in the Corridor.

This project specifically supports public water access at a Project 2188 site. Fixing the courtesy docks would allow the continual use of the dock system so the public can access Hauser Reservoir. Maintaining access at this developed recreation site also support the Butte Field Office's Resource Management Plan (April 2009) by continuing to manage established recreation sites, including White Sandy. Hauser Lake sites, including White Sandy, are listed as Special Recreation Management Areas (SRMAs) in the RMP with a focus of developed camping, lake access for boating, fishing, swimming, picnicking, and group gatherings. This project would allow the SRMA goal to be met by repairing the lake access.

Attach map(s) showing the location of the proposed project, drawings and design work related to the project, and photos (as available) at the end of the application.

Engineers will submit design work of current dock system to contractor prior to contract being awarded.

