



# MONTANA FISH, WILDLIFE & PARKS

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## ENVIRONMENTAL ASSESSMENT CHECKLIST

### PART I. PURPOSE OF AND NEED FOR ACTION

**1. Project Title:** Great Falls Shooting Sports Complex

**2. Type of Proposed Action:**

The Great Falls Shooting Sports Complex (GFSSC) proposes to build or install: Drainage materials, trenching, and catch basins; 200 Yard Range Concrete Walk; 50 Yard Range Concrete Walk; Sidewalk & ADA Parking Spots; ADA Parking Slab; ADA Deck added to existing Classroom Building; ADA Deck Cover over the ADA ramp & deck; ADA Ramp; Sound Mitigation for 200 & 50 Yard Ranges.

**3. Location Affected by Proposed Action:**

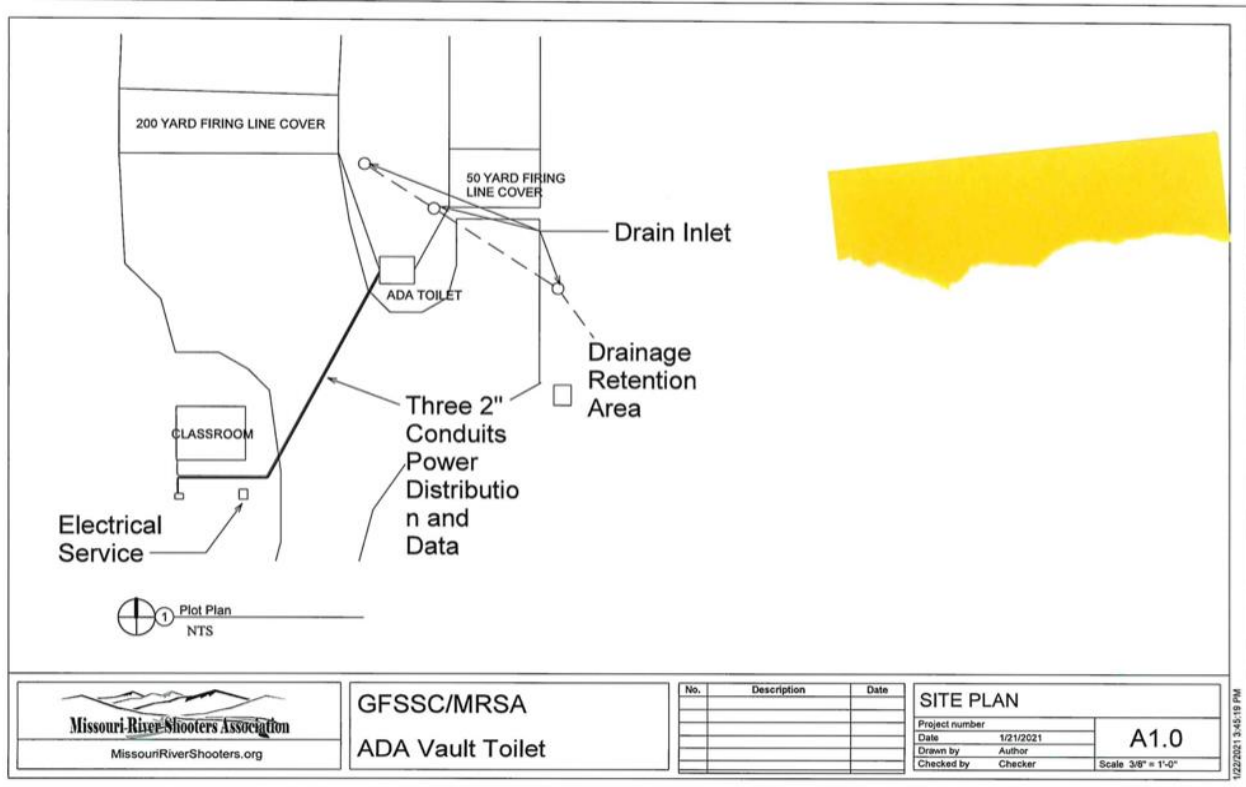
The GFSSC is located approximately 5 miles north of Great Falls, Montana, one mile east of Highway 87, at 171 Morony Dam Road, Great Falls, MT, 59405, Lat. 47.5730378, Long. 111.223764, Sections 15 and 16, Township 21 North, Range 4 East.



Figure 1. General Location of Great Falls Shooting Complex, Great Falls, Montana.



**Figure 2– Aerial View of Great Falls Shooting Sports Complex, Great Falls, Montana.**



**Figure 3. Site Plan for GFSSC Proposed Project, Great Falls, Montana.**

**4. Agency Authority for the Proposed Action:** MCA 87-1-276 through 87-1-279 (Legislative established policies and procedures for the establishment and improvement of shooting ranges) and MCA 87-2-105 (Departmental authority to expend funds to provide training in the safe handling and use of firearms and safe hunting practices). The Montana Legislature has authorized funding for the establishment of a Shooting Range Development Program providing financial assistance for the development of shooting ranges. Montana Fish, Wildlife & Parks (FWP) has responsibility for the administration of the program, including the necessary guidelines and procedures governing applications for funding assistance under the program.

To be eligible for grant assistance, a private shooting club or a private organization:

*(a)(i) Shall accept in its membership any person who holds or is eligible to hold a Montana hunting license and who pays club or organization membership fees;*

*(ii) May not limit the number of members;*

*(iii) May charge a membership fee not greater than the per-member share of the club's or organization's reasonable cost of provision of services, including establishment, improvement, and maintenance of shooting facilities and other membership services; and*

*(iv) Shall offer members occasional guest privileges at no cost to the member or invited guest and shall make a reasonable effort to hold a public sight-in day each September, when the general public may use the shooting range for a day-use fee or at no cost; or*

*(b) Shall admit the general public for a reasonable day-use fee.*

**5. Need for the Action(s):**

With the advent of muzzle brakes, compensators, and other recoil reducing technology, the sound levels of big game rifles have dramatically increased. Sound absorbing materials will enhance the shooting experience. We are also seeing more use by wheelchair-bound shooters. One of the requirements for liability insurance is that each member attend a safety training prior to their first shooting session. The class room building needs to be friendlier to handicap shooters and visitors. Concrete surrounding the shooting tables will make it easier for marksmen to pick up their spent cartridges and quickly drain storm water which will reduce ground and water pollution. We want to encourage shooters to bring non-shooters to the range both for public relations and to encourage family members to accompany shooters to the range. The proposed observation/heated toilet facility will make the non-shooter/family member visits more enjoyable. It is safer to have multiple people at the range at the same time even if they are a non-shooter.

**6. Objectives for the Action(s):**

The objective of the proposed project is to improve the safety, handicap accessibility, and convenience of the GFSSC Ranges by: installing sound mitigation measures; improving handicap accessibility; reducing ground pollution issues from spent cartridges; and constructing safe-viewing structures.

**7. Project Size: estimate the number of acres that would be directly affected:**

The proposed project would involve approximately 6 acres of the 960-acre GFSSC.

**8. Affected Environment (A brief description of the affected area of the proposed project):**

The GFSSC is located on 960 acres of both privately owned and leased public land. The GFSSC entered into a 50-year lease agreement with Montana Fish, Wildlife and Parks (FWP) in 2003 to lease 600 acres of state-owned land. In addition, the GFSSC purchased 360 acres in fee title in 2004. The property is not located within a floodplain and there are no permanent surface waters or wetlands on the property. The GFSSC offers shooting opportunities for rifle, pistol, shotgun, archery, cowboy action, long-range rifle, and black powder shooting.

## 9. Description of Project:

The proposed project involves continuing the development of the CAS Range at the GFSSC. The estimated budget includes:

➤ Drainage materials, trenching, and catch basins	\$4,920
➤ 200 Yard Range Concrete Walk	\$11,000
➤ 50 Yard Range Concrete Walk	\$4,000
➤ Sidewalk & ADA Parking Spots	\$13,000
➤ ADA Parking Slab	\$6,300
➤ ADA Deck added to existing Classroom Building	\$7,250
➤ ADA Deck Cover over the ADA ramp & deck	\$8,000
➤ ADA Ramp	\$2,200
➤ Sound Mitigation for 200 & 50 Yard Ranges	\$9,000

Total Project Budget	\$65,670
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<b><u>Total Funding Requested from FWP</u></b>	<b><u>\$32,835</u></b>
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## 10. List any Other Local, State, or Federal Agency that has Overlapping or Additional Jurisdiction:

None

## Permits, Licenses and/or Authorizations:

<u>Agency Name</u>	<u>Permit</u>	<u>Date Filed/#</u>
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N/A

## Funding:

<u>Agency Name</u>	<u>Funding Amount</u>
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Montana Fish, Wildlife & Parks	\$32,835
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## 11. Affiliations, Cooperating Agencies, User Groups and/or Supporting Groups:

The GFSSC is a private range with an annual membership fee of \$60 for individuals and \$75 for families, though the range is free to guests for day use. The GFSSC hosts approximately 75 events each year and over 20 organizations use the range each year, including: Missouri River Shooters Association; Missouri River Women Shooters; MRSA Youth Shooters; High Power Shooters; Silhouette Shooters; Ed McGivern Pistol Club; Sun River Skeet Club; Rattlesnake Butte Archers; Black Horse Shooters; Great Falls Police Department; Montana Highway Patrol; Boy Scouts; Weapons Collectors Society of Montana; 4-H; The Well-Armed Woman Chapter; Malmstrom Air Force Base; Cascade County Sheriff's Department; US Border Patrol, Department of Homeland Security; US Forest Service; Montana Fish, Wildlife and Parks; and Department of Interior.

## 12. History of the Planning and Scoping Process, and Any Public Involvement:

Because the GFSSC is a non-profit, private shooting club for members, there has been no public involvement in the planning process. Proposed range development proposals have been discussed with the club members and the associated project vendors and contractors.

## 13. List of Agencies Consulted/Contacted During Preparation of the EA:

Montana Fish, Wildlife & Parks

**14. Names, Address, and Phone Number of Project Sponsor:**

Randall Knowles, 3017 Ninth Avenue South, Great Falls, MT 59405. (406) 453-0393.

**15. Other Pertinent Information:**

The GFSSC is a non-profit, private shooting club. The closest shooting range providing similar shooting opportunities is in Ulm, Montana, 20 miles from the GFSSC.

Shooting range applications require the participating governing body to approve by resolution its submission of applications for shooting range-funding assistance. Resolution Date: January 29, 2021.

**PART II. IDENTIFICATION OF THE PREFERRED ALTERNATIVES**

**Alternative A**, the **Proposed Alternative**, and **Alternative B**, the **No Action Alternative**, were considered.

**Alternative A (Proposed Alternative)** is as described in Part I, paragraph 9 (Description of Project), to improve the safety, handicap accessibility, and convenience of the GFSSC Ranges by: installing sound mitigation measures; improving handicap accessibility; reducing ground pollution issues from spent cartridges; and constructing safe-viewing structures. There are beneficial consequences to acceptance of the **Proposed Alternative**.

**Alternative B (No Action Alternative)** Montana Fish, Wildlife and Parks Shooting Range Development Grant money would be denied and the area will remain as an active shooting range without the proposed improvements. The No Action Alternative would have no significant negative environmental or potentially negative consequences. The range will continue on with present conditions. Land use would remain the same.

**Description and analysis of reasonable alternatives (including the No Action Alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:** Only the **Proposed Alternative** and the **No Action Alternative** were considered. There were no other alternatives that were deemed reasonably available, nor prudent. Neither the Proposed Alternative nor the No Action Alternative would have significant negative environmental or potentially negative consequences.

**Describe any Alternatives considered and eliminated from Detailed Study:**

None. Only the **Proposed Alternative** and the **No Action Alternative** were considered. There was no other alternative that were deemed reasonably available, or prudent. Neither the Proposed Alternative nor the No Action Alternative would have significant negative environmental or potentially negative consequences.

**List and explain proposed mitigating measures (stipulations):** None

**PART III. ENVIRONMENTAL REVIEW**

Abbreviated Checklist – The degree and intensity determine extent of Environmental Review. An abbreviated checklist may be used for those projects that are not complex, controversial, or are not in environmentally sensitive areas.

**Table 1. Potential impact on physical environment.**

<b>Will the proposed action result in potential impacts to:</b>	<b>Unknown</b>	<b>Potentially Significant</b>	<b>Minor</b>	<b>None</b>	<b>Can Be Mitigated</b>	<b>Comments Below</b>
1. Unique, endangered, fragile, or limited environmental resources				<b>X</b>		
2. Terrestrial or aquatic life and/or habitats				<b>X</b>		<b>2</b>
3. Introduction of new species into an area				<b>X</b>		
4. Vegetation cover, quantity & quality				<b>X</b>		<b>4</b>
5. Water quality, quantity & distribution (surface or groundwater)				<b>X</b>		<b>5</b>
6. Existing water right or reservation				<b>X</b>		
7. Geology & soil quality, stability & moisture				<b>X</b>		<b>7</b>
8. Air quality or objectionable odors				<b>X</b>		<b>8</b>
9. Historical & archaeological sites				<b>X</b>		<b>9</b>
10. Demands on environmental resources of land, water, air & energy				<b>X</b>		
11. Aesthetics				<b>X</b>		<b>11</b>

**2. & 5.** There are no delineated wetlands and no natural water sources within the area proposed for development. No critical wildlife habitat would be affected. Any resident or transient wildlife may temporarily leave the area during construction.

**4.** The elimination of vegetation for the implementation of the proposed project will not change the overall abundance and diversity of plant species within the area. The proposed project occupies a small portion of the property. Due to prior land use, native vegetation has been disturbed in the area of the proposed project. Therefore, the proposed project will have a minor impact on native vegetation in the area.

**7.** The proposed project will cause limited displacement of soils but the developments will not substantially affect geological features or establish new erosion patterns. Soil disruption for this site is localized. Erosion control measures will be in effect and disturbed areas will be reseeded.

**8.** Minor and temporary dust and vehicle emissions would be created by construction equipment during construction. However, the construction time is short and human effects will be limited due to the sparse population near the property.

9. This project uses no federal funds nor does it take place on state owned or controlled property; therefore, the Federal 106 Regulations and the State Antiques Act do not apply.

11. The property is already used as a shooting range so the proposed project will have no additional impact on the aesthetics of the property.

**Table 2. Potential impacts on human environment.**

<b>Will the proposed action result in potential impacts to:</b>	<b>Unknown</b>	<b>Potentially Significant</b>	<b>Minor</b>	<b>None</b>	<b>Can Be Mitigated</b>	<b>Comments Below</b>
1. Social structures and cultural diversity				<b>X</b>		
2. Changes in existing public benefits provided by wildlife populations and/or habitat				<b>X</b>		
3. Local and state tax base and tax revenue				<b>X</b>		
4. Agricultural production				<b>X</b>		<b>4</b>
5. Human health				<b>X</b>		
6. Quantity & distribution of community & personal income				<b>X</b>		
7. Access to & quality of recreational activities				<b>X</b>		<b>7</b>
8. Locally adopted environmental plans & goals (ordinances)				<b>X</b>		
9. Distribution & density of population and housing				<b>X</b>		
10. Demands for government services				<b>X</b>		
11. Industrial and/or commercial activity				<b>X</b>		

4. The site is adjacent to surrounding agricultural land used for grazing and hay production.

7. The proposed developments will increase shooting opportunities within the community.

#### **PART IV. NARRATIVE EVALUATION AND COMMENT**

All of the pertinent or potential impacts of the project have been reviewed, discussed, and analyzed. None of the projects reviewed were complex, controversial, or located in an environmentally sensitive area. The projects being implemented are already on an existing range or altered areas that together with the insignificant environmental effects of the proposed action, indicates that this should be considered the final version of the environmental assessment. There are no significant environmental or economic impacts associated with the Proposed Alternative.

The GFSSC's Proposed Alternative, to provide safe, regulated shooting opportunities for members, visitors, handicap shooters, and the public, is supported by its members and the public. Therefore, Montana Fish, Wildlife and Parks should approve the Proposed Alternative (A) for the improvements as outlined in Part I, Paragraph 9.

#### **PART V. ENVIRONMENTAL CONSEQUENCES**

**Does the proposed action involve potential risks or adverse effects, which are uncertain but extremely harmful if they were to occur?** No

**Does the proposed action have impacts that are individually minor, but cumulatively significant or potentially significant?** Individually, the proposed action has minor impacts. However, it was determined that there are no significant or potentially significant cumulative impacts. Cumulative impacts have been assessed considering any incremental impact of the proposed action when they are combined with other past, present, and reasonably foreseeable future actions, and no significant impacts or substantially controversial issues were found. There are no extreme hazards created with this project and there are no conflicts with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan.

**Recommendation and justification concerning preparation of EIS:**

There are no significant environmental or economic impacts associated with the Proposed Alternative; therefore, an EIS is not required.

#### **PART VI. EA CONCLUSION SECTION**

**Individuals or groups contributing to, or commenting on, this EA:**

- Randall Knowles, 3017 Ninth Avenue South, Great Falls, MT 59405. (406) 453-0393.
- MT Fish Wildlife and Parks

**EA prepared by**

Andrea Darling, Darling Natural Resource Consulting, Montana City, MT 59634

**Date Completed:**

April 19, 2021

**Describe public involvement, if any:**

This draft EA will be advertised on FWP's web site and through a legal ad in the *Great Falls Tribune, Great Falls, MT* announcing a public comment period. A press release will also announce the project and comment period.