

IDAHO DEPARTMENT OF FISH AND GAME

Ed Schriever, Director

Project F19AF00855

**Final Performance Report
Wildlife Restoration and Basic Hunter Education**



**Statewide Hunter Education,
Shooting Ranges**

July 1, 2019 to June 30, 2020

Prepared by:

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September 2020
Boise, Idaho

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State: Idaho

Grant Award Number: F19AF00855

Grant name: ID – Statewide Hunter education, Shooting Ranges

Report Period: July 1, 2019 - June 30, 2020

Report due date: September 28, 2020

Location of work: Statewide

Strategy 1: Construction/Renovation Projects

Standard Objective: Construct, Renovate, or Acquire 4 Facilities by 30 June 2020

Activity Tag: Firearm and archery ranges.

Approach:

Blacks Creek Shooting Range, Kuna ID:

- 1) Pour concrete pads at 4 locations to build an ADA accessible ramps. These include the following: 1) two 12'x22' pads and 5' access aisle at the front entrance to the Cowboy Action Range 2) two 12'x22' pads and 5' access aisle at the front entrance to the Hunter Education Range.
- 2) Extend Blacks Creek Training Center building parking area by pouring asphalt on an already prepared site that has been graded and compacted. This will add 42 spaces making the total 85 parking spaces with 5 for handicap parking.
- 3) Raise the safety berms from 10' to 14' on either side of main range that settled and eroded away. Material from the FY19 long distance rifle range project will be used to build the berm height and width.
- 4) Build a 54' overhead shooting range open patio cover to protect an area that can accommodate 12 shooters. Construction includes poured footings on an existing 53' 10" concrete pad and roofing and venting the top of the structure.

Results:

- 1) Concrete pads for ADA accessible ramps were constructed at 4 locations. These included the following: 1) two 12'x22' pads and 5' access aisle at the front entrance to the Cowboy Action Range 2) two 12'x22' pads and 5' access aisle at the front entrance to the Hunter Education Range.
- 2) The parking area at the Blacks Creek Training Center building was extended by 42 spaces.
- 3) The safety berms were raised from 10' to 14' on either side of main range.
- 4) A 54' extension to the existing overhead shooting cover was built at the long distance shooting range. This area accommodates 12 shooters.



Blacks Creek ADA Ramp Installation



Blacks Creek Main Range Berm Rebuild



Blacks Creek Training Center Parking Extension



Blacks Creek Long Distance Range Overhead Shooting Cover Extension

Council Gun Club, Council, ID: Construction of an overhead shooting range open air cover on top of existing concrete pad (12'x24') to protect shooters from the weather. The structure will be a 3 sided wood structure with a metal roof. The open area will be on the range side. The structure will be divided into 2 shooting sections that will include 2 sets of doors and sliding windows.

Results:

The overhead 12'x24' trap shooting range cover was completed. The structure includes 2 windows and 2 doors as planned.



Council Gun Club Trap Shooting Range Cover

IDFG Farragut Shooting Range, Athol, ID:

- 1) Complete construction of building project from FY19 grant due to rise of construction costs in this area.
- 2) Install surveillance cameras on the exterior of existing shed (built in 2017) and Hunter Education classroom building (built in 2019 with Hunter Education PR funds). This is needed for security and to allow the on duty range master to view numerous shooters on the line at one time. This will involve digging a trench 488' long and 18-24' wide on the current disturbed dirt with no vegetation where electrical was installed in 2018 (with Idaho Department of Fish and Game (IDFG) funds, non-PR).

Results:

This project began in FY19 and continued into FY20 due to the rising cost of construction. The FY20 funding completed the interior finishes of the building. The building was an addition to the current office building. The firing line security/surveillance cameras were installed.



Farragut Shooting Range Hunter Education Classroom



Farragut Shooting Range Hunter Education Classroom Interior



Farragut Shooting Range Security/Surveillance Monitor



Farragut Shooting Range Firing Line Security/Surveillance Monitor

Valley County Gun Club, Cascade, ID:

This project includes improving the current road by expanding the road entrance and improving road surface and drainage. This project includes a continuation of the FY19 project that purchased Hebsco range barriers – more fill is needed including fill near the base of barriers to increase stability. This is the first time this type of removable barriers have been used in an IDFG project. Construction operators will be hired by the range to operate heavy equipment and the remaining construction labor will be volunteer gun club members.

- 1) Purchase $\frac{3}{4}$ road mix gravel for improvement to road and entrance. This only includes the purchase road mix not the equipment or labor. The mix will be graded and compacted by the club. This includes 1) 20' entrance road at Warm Lake Highway 2) 960' of road and 3) parking area by lower range and 3) firing line.
- 2) Purchase 4" minus rock for lining the main drain ditch alongside the road.
- 3) Purchase CMP pipe to transition from the road drainage system into natural drainage system.
- 4) Rental of equipment to fill Hesco barrier walls between ranges. These barriers were purchased under the FY19 shooting range grant. Equipment includes excavator, 4-wheel loader, small dozer and dump truck.
- 5) Purchase 4" subbase rock for footing base of Hesco barrier walls.
- 6) Erosion materials will be used during construction as well as placement of grass seed and fertilizer on disturbed areas to stabilize soils.
- 7) Purchase construction supplies (metal roof, wood, trex decking, metal frame) to construct four mobile 16' shooting sheds on skids and 10 shooting benches.
- 8) Purchase sand for bullet traps on range.

Results:

The Valley County Gun Club completed all projects as described in the project statement. This included 1) improving the range entrance and existing roads with road mix gravel, 2) improve drainage by lining the road with 4" minus rock, adding a CMP pipe to the road and planting seed and fertilizer for stability 3) adding 4" subbase rock to Hebsco barriers for increased stability, 4) purchased supplies to complete 4 mobile 16' shooting sheds and shooting benches and 5) purchased sand for bullet traps.



Valley County Gun Range Entrance



Range Road Surface Improvement



Installed Road Drainage Pipe and Road Edge Drain



Hebsco Range Barriers Filled With Rock/Gravel.



Hebsco Barriers Close Up



Mobile Shooting Shed on Skids

Strategy 2: Facilities/Areas O&M

Standard Objective: Operate and Maintain 8 Facilities by 30 June 2020

Activity Tag: Firearm and archery ranges

Central Rod & Gun Club, Challis, ID: Supplies to construct shooting benches of steel plate and pipe and attach to existing concrete pad (no ground disturbance). Informational signs to be placed on existing shooting line open air range cover.

Results:

Steel and pipe shooting benches were installed on existing concrete and informational signs were placed on shooting line.

Elmore County Sportsman Association, Mountain Home, ID: Update electricity in the 2 modular mobile homes (built in the 1980's – moved to site in 2018) that are utilized as hunter education classrooms. This will include running an above ground wire from an existing power pole to the classrooms. The buildings sits on current parking lot. No ground disturbance.

Results:

Electricity was updated on the 2 mobile classrooms electricity from an existing power pole.



Updated Electricity to Mobile Classroom

Fremont County Sportsman, St. Anthony, ID: Install insulation in current range club building (built in 2018). Insulation will be placed in between the studs.

Results:

Insulation was installed in the building.

Garden Valley Gun Club, Crouch, ID: Idaho Department of Lands annual lease payment.

Results:

The Idaho Department of Lands annual lease payment was paid.

IDFG Blacks Creek Shooting Range, Kuna, ID:

- 1) Prepare and re-coat the concrete floors throughout the clubhouse building. Paint the interior walls and repair men's room with new baseboard and install divider between urinal and toilet.
- 2) Annual tractor maintenance fee.
- 3) Refurbish and replace steel shooting targets.
- 4) Purchase sand to cover existing sanded "live range" areas by adding sand on top and then leveling if needed. Sand is used to trap projectiles and fill and grade shooting areas.
- 5) Replace existing steel framed wooden topped shooting benches (no in ground work).

- 6) Paint the exterior surfaces of the main shooting range including the overhead open air shooting line cover and office building.

Results:

The range completed the painting on the exterior surfaces of the main range shooting cover, office and the clubhouse interior and floors. New baseboards were installed in the men's restroom. Sand was purchased to fill and grade shooting areas. Shooting targets were replaced/refurbished and shooting bench tops replaced. The annual tractor maintenance fee was paid.

IDFG Nampa Indoor Range, Nampa, ID: To make safe for public use, the range will undergo a lead clean-up process by professional lead remediation specialists from Abatement Pro, Inc., following OSHA procedures. The decontamination will occur in the areas shown to have lead dust. This is a 6,000 square feet of space and includes a meeting room and indoor shooting range. Work will be contained by using 6 mil poly critical barriers attached to windows and doorways. Lead will be cleaned with manual methods and the materials boxed and placed in a dump truck. Wet methods, hand tools, HEPA filtration system and air respirators/protection tools will be used. The non-hazardous waste will be disposed of at the Idaho Waste Systems landfill and the hazardous material will be deposited at American Ecology. The exterior cleanup will consist of the removal of the existing exhaust system and components as well as decontamination of the roof system. The building was constructed in 1985.

Results:

The lead cleanup is complete and the building can be safely occupied. The planned cleaning and removal of the exterior exhaust roof system was completed.



Nampa Indoor Range before Removal of Exhaust System



Nampa Indoor Range after Exhaust System Cleanup

Idaho Hunter Education Association, Upper Snake, Idaho Falls, ID: Upgrade laser gun IT equipment and firearm safety displays/banners in the mobile shooting trailer.

Results:

They IHEA purchased firearm safety banners, student worksheets, eye and ear protection and shooting rests for the laser shooting trailer. They also upgraded the laser shooting system with a monitor, two laptops and a generator.

Shoshone County Public Shooting Range, Kellogg, ID: Add range lights at existing shooting area open air cover at shooting line (not a building). Electrical supply is existing. Purchase sand to cover existing sanded “live range” areas by adding sand on top and then leveling if needed.

Results:

The range added safety lights to the overhead shooting area and purchased sand for filling in wear and gaps on the firing range surface.



Shoshone County Public Shooting Range Red ‘Hot Range’/ Green ‘Cold Range’ Light System

Strategy 3: Planning

Standard Objective: Develop/Revise 2 plans by 30 June 2020

Activity Tag: WSFR program planning

Approach:

Deary Rifle Range, Deary, ID: Conduct site plan, obtain permits and conduct feasibility study of building a rifle range.

Results:

This project was never realized due to two primary reasons 1) the lead staff person on the project resigned and 2) gaining support from adjacent landowners did not move forward to allow for IDFG to begin obtaining permits and developing architectural plans. No expenditures occurred.

Melba Gun Club, Melba, ID: Conduct feasibility study and develop a site plan for future range improvements.

Results:

This project was partially completed with only \$1,200 of the \$5,000 budget utilized. The Melba Gun Club hired Total Range Services LLC to conduct a range review and identify modifications to the range to improve the safety and usability.

Discuss differences between work anticipated in grant proposal and grant agreement and that actually carried out with Federal Aid grant funds.

The IDFG Deary Rifle Range was not realized due to two primary reasons 1) the lead staff person on the project resigned and 2) gaining support from adjacent landowners did not move forward to allow for IDFG to begin obtaining permits and developing architectural plans.

List any publications or in-house reports resulting from this work.

Quarterly Range Grant Reports for IDFG Operations Team

Name, title, phone number, and e-mail address of person compiling this report:

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Hunter Recruitment and Retention Program

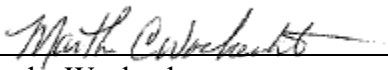
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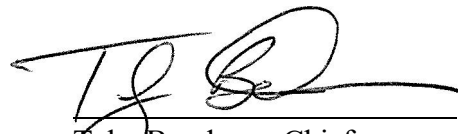
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FEDERAL AID IN WILDLIFE RESTORATION

The Federal Aid in Wildlife Restoration Program consists of funds from a 10% to 11% manufacturer's excise tax collected from the sale of handguns, sporting rifles, shotguns, ammunition, and archery equipment. The Federal Aid program then allots the funds back to states through a formula based on each state's geographic area and the number of paid hunting license holders in the state. The Idaho Department of Fish and Game uses the funds to help restore, conserve, manage, and enhance wild birds and mammals for the public benefit. These funds are also used to educate hunters to develop the skills, knowledge, and attitudes necessary to be responsible, ethical hunters. Seventy-five percent of the funds for this project are from Federal Aid. The other 25% comes from license-generated funds.

