

IDAHO DEPARTMENT OF FISH AND GAME

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**F19AF00857
Wildlife Restoration Interim Report**



STATEWIDE WILDLIFE HABITAT MANAGEMENT

July 1, 2019 to June 30, 2021

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FEDERAL AID IN WILDLIFE RESTORATION ANNUAL PERFORMANCE REPORT

State: Idaho

Grant Number: F19AF00857

Grant Name: Statewide Habitat Management

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

Report Due Date: September 28, 2020

Location of Work: Statewide

INTRODUCTION

The Idaho Department of Fish and Game (IDFG) and the Idaho Fish and Game Commission are charged with the preservation, protection, perpetuation, and management of all wildlife in Idaho. Maintaining adequate habitat to support big game, upland game, waterfowl, and furbearers is of great importance to those who hunt, trap, and view wildlife throughout Idaho. Nongame species, which have important ecological, aesthetic, cultural, scientific, and educational value to the citizens of Idaho, also benefit from maintaining adequate habitat.

Idaho Department of Fish and Game's Statewide Habitat Management Program (i.e., Habitat Program) manages IDFG-administered lands across Idaho to protect wildlife habitat and provide opportunities for public hunting, trapping, fishing, and other forms of wildlife enjoyment. IDFG's Habitat Program includes 30 Wildlife Management Areas (WMA) and a Wildlife Mitigation Unit (WMU) (Fig. 1) within 6 of the 7 IDFG administrative regions (i.e. Regions) (Fig. 2). Each WMA is managed as part of a larger habitat district, which may also include other IDFG-administered lands (e.g., Wildlife Habitat Areas (WHAs) and easements) managed for wildlife habitat and public access. Each WMA has a primary purpose such as big game, waterfowl, and upland game; however, in addition to game species, WMA's provide habitat for a diverse array of nongame species as well.

Additionally, the Habitat Program cooperates and collaborates with many partners and neighbors. These include Idaho Department of Lands (IDL), U.S. Army Corps of Engineers (USACE), USDI Bureau of Reclamation (BOR), USDI Bureau of Land Management (BLM), USDA Forest Service (USFS), Bonneville Power Administration (BPA), Idaho Power Company, and many private landowners. Idaho Department of Fish and Game supports habitat management on private lands with Technical Assistance often through IDFG's Habitat Improvement Program (HIP) and Farm Service Agency (FSA) and Natural Resource Conservation Service (NRCS) Farm Bill programs.

The following report sections summarize both statewide and regional results of IDFG's Habitat Program for SFY20 (i.e., July 1, 2019 through June 30, 2020) objectives specified in the PR Grant Project Statement.

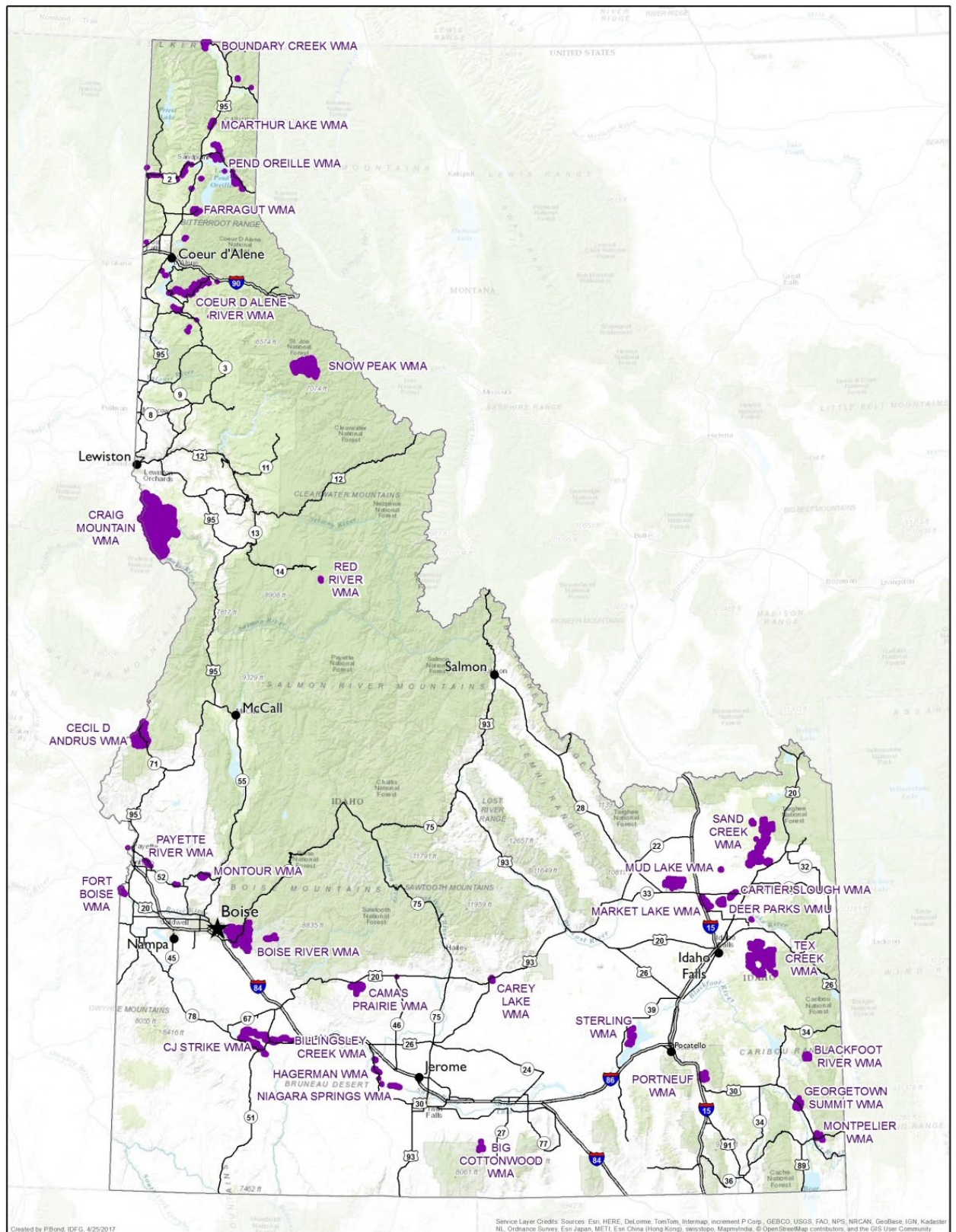


Figure 1. Idaho Department of Fish and Game WMAs (including Deer Parks WMU).

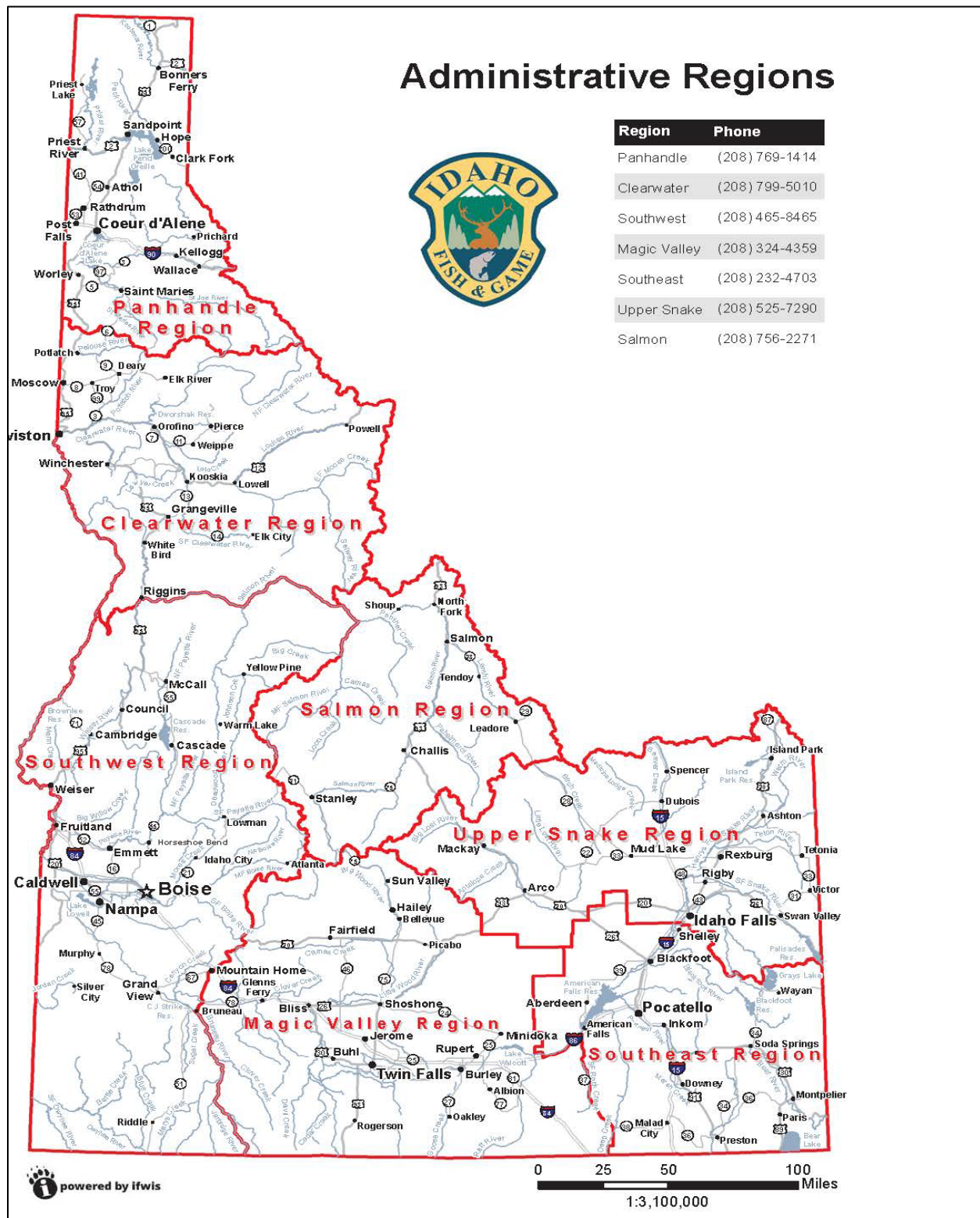


Figure 2. Idaho Department of Fish and Game administrative Regions.

STATEWIDE SUMMARY

Strategy 1. Coordination and Administration

Standard Objective 1: Administer 1 grant by June 30, 2020

Activity Tag: Project coordination and administrative support, compliance, and monitoring = 1 grant.

Results

Idaho Department of Fish and Games Habitat Program was administered with funding from the PR grant, and matching State License revenue. The Idaho Department of Fish and Games State Habitat Manager administered the Habitat Program, which included providing statewide program direction, work planning coordination, budgeting, recruiting, and interagency coordination. Headquarters and Regional staff administered Habitat Program activities statewide and within IDFG's 7 Regions. Regional Wildlife Biologists implemented the Habitat Program within designated Habitat Districts. Maintenance Foremen and Craftsmen supported facility and infrastructure O&M within Regions. Biologists and Maintenance Foremen recruited, hired, trained, and supervised temporary employees to complete assignments. Volunteers and reservists also contributed to Habitat Program projects.

Strategy 2. Direct Habitat and Species Management

Standard Objective 1: Directly restore, enhance, create or manage 1,221 structures by June 30, 2020.

Activity Tag: Terrestrial wildlife habitat structures = 995.

Activity Tag: Water management structures = 226.

Standard Objective 2: Directly restore, enhance, create or manage 67,490 acres by June 30, 2020

Activity Tag: Prescribed fire = 1,640 acres.

Activity Tag: Grazing/farm management = 45,864 acres.

Activity Tag: Planting/Seeding = 443 acres.

Activity Tag: Other vegetation management practices = 739 acres.

Activity Tag: Forest Stand Management = 1,077 acres.

Activity Tag: Wetland creation/management = 10,377 acres.

Activity Tag: Invasive Species Control = 7,350 acres.

Standard Objective 3: Directly restore, enhance, create or manage 1 mile by June 30, 2020

Activity Tag: Stream modification = 1 mile.

Results

Idaho Department of Fish and Games Habitat Program managed habitat on IDFG-administered and private lands with funding from the PR grant and State License revenue. On private lands, PR funds were used only for personnel and administrative costs associated with habitat management (i.e., provided Technical Assistance). Table 1 summarizes statewide direct habitat and species management actions during SFY20 for all 3 of the objectives.

Table 1. Acres/miles/structures of habitat enhanced, created or managed statewide in SFY20

Activity	R1	R2	R3	R4	R5	R6	R7	Total
Terrestrial wildlife habitat structures (# structures)	499	86	352	200	13	150	0	1,300
Water management structures (# structures)	31	0	112	22	11	64	0	240
Prescribed fire (acres)	155	0	34	0	0	150	0	339
Grazing/farm management (acres)	87	95	40,256	661	1,774	386	7	43,266
Planting/Seeding (acres)	34	482	885	178	51	75	0.5	1,706
Other vegetation management practices (acres)	335	50	21	77	147	110	0.8	741
Forest Stand Management (acres)	30	0	6	0	20	20	0	76
Wetland creation and/or management (# acres)	14,822	0	1,084	2,003	52	150	0	18,111
Invasive Species Control – Plants (# acres)	700	3,094	1,157	1,135	3,035	3,100	17	12,238
Stream modification (# miles)	0	0	0	0	0	0	0	0

Strategy 3. Environmental Review

Standard Objective 1: Review 70 projects/plans by June 30, 2020.

Activity Tag: Review of proposed projects/plans = 70 projects/plans

Results

Idaho Department of Fish and Game Habitat Program staff reviewed 295 Department, other agency, NGO and private sector projects and plans to ensure potential impacts to fish and wildlife resources are avoided, minimized and/or mitigated. Table 2 summarizes the number of projects/plans reviewed across the state during SFY20.

Table 2. Projects and plans reviewed statewide in SFY20

Environmental Review activities	R1	R2	R3	R4	R5	R6	R7	HQ	Total
Projects/Plans reviewed (#)	15	38	14	37	11	29	147	10	295

Strategy 4. Facilities/Areas Construction, Renovation or Acquisition

Standard Objective 1: Construct, renovate or acquire 8 facilities by June 30, 2020.

Activity Tag: Program support facilities = 8.

Results

The Idaho Fish and Game worked on the following construction projects during SFY20:

1. Tex Creek WMA bunkhouse: The Tex Creek residence build is moving along. The floor has been poured with hydronic pipe and below-grade mechanical items in place. The existing solar PV system does not meet current codes and cannot be hooked up to the building, so the department will need to acquire a new solar PV system. During the

interim, the department will install a backup propane generator while work continues on a new solar PV system.

2. Payette River WMA shop: The shop construction is moving along swiftly. The expected completion date is set for October 14th 2020.
3. Boundary-Smith Creek WMA trail: The site for an ADA accessible hunting blind and access trail has been selected but the compliance and engineering work remains to be completed before the project can proceed.
4. Boundary-Smith Creek WMA parking areas (3): The first parking area associated with the ADA hunting blind has been selected. Construction is pending engineering and compliance work. A second parking location was selected and the ground mowed to enable use. A third parking site has not been sited yet. WMA staff will try to find a location for the third area during SFY21.
5. Georgetown Summit WMA shed: The Georgetown WMA sheds are contracted and under construction (self-contained units); a delivery and on site installation date will be set up as soon as sheds are completed.
6. Craig Mountain WMA Gaiser Ranch Pole Building: WMA staff worked with contractors on plans to demolish 2 old buildings and burn an old house at Gaiser Ranch to prep for new pole building, water system, septic system, and a new pad.

Strategy 5. Facilities/Areas Operations and Maintenance

Standard Objective 1: Operate and maintain 159 facilities by June 30, 2020.

Activity Tag: Program Support facilities = 159.

Standard Objective 2: Operate and maintain 31 Wildlife Management Areas, 2 Wildlife Habitat Areas, and 1 Access Area by June 30, 2020.

Activity Tag: Wildlife Management Areas = 34.

Results

Idaho Fish and Game has 31 Wildlife Management Areas (WMAs), 2 Wildlife Habitat Areas (WHAs) and 1 Access Area which range from 275 to 85,000 acres. Each area has specific priorities based upon the needs of wildlife in the surrounding area. These areas create habitat and security for wildlife. Fish and Game biologists manage these properties to improve forage and cover vegetation, plant food plots, fight noxious weeds, create wetlands, protect water quality, survey wildlife, and manage public access. Table 3 summarizes the structures and infrastructure that Idaho Fish and Game maintained across the state during SFY20.

Table 3. Buildings and infrastructure maintained statewide in SFY20

Feature	R1	R2	R3	R4	R5	R6	R7	Total
Building/structures (#)	29	33	48	14	7	35	3	169
Roads (mi)	11.5	23.3	108.8	24	33.5	33.8	0	235
Trails (mi)	27.7	7	0	5	13	25	3	81
Maintained Fence (mi)	8.5	31.3	206.4	16	35	44	8	349
Parking Areas (#)	21	8	52	26	47	28	1	183
Campgrounds (#)	4	1	0	1	0	9	1	16

Feature	R1	R2	R3	R4	R5	R6	R7	Total
Equipment (#)	32	48	88	42	28	32	5	275
Viewing/Hunting Structures (#)	7	1	3	6	1	1	0	19
Restrooms (#)	1	2	0	7	7	4	6	27

Strategy 6. Incentives

Standard Objective 1: Provide or secure 265,000 landowner acres by June 30, 2020.

Activity Tag: Hunter access acreage = 256,000.

Standard Objective 2: Provide or secure 205 landowner agreements by June 30, 2020.

Activity Tag: Landowner agreements = 205

Results

Headquarter staff oversees administrative processes and provides guidance for the Access Yes program. In addition to budget allocation and payment services, headquarter staff oversee the development and printing of the paper guides, management of the database and the upkeep and management of the Access Yes webpage. Statewide, the Department was able to exceed the acreage goal of 265,000 acre of land opened for public access. We opened a total of 320,803 acres of private land. However, we only wrote agreements with 90 landowners. Many of these landowners owned large ranches and farms so it was not necessary to write the full 205 agreements originally proposed. Table 4 summarizes the Access Yes acreages and landowner agreements for SFY20 across the State.

Table 4. Access Yes acreages and landowner agreements completed statewide in SFY20

Access Yes!	R1	R2	R3	R4	R5	R6	R7	Total
Access provided (acres)	51,850	11,883	22,545	129,691	68,525	26,133	10,176	320,803
Landowner Agreements	2	5	13	30	24	14	2	90

Strategy 7. Outreach/Communication

Standard Objective 1: Participate in or sponsor 67 events by June 30, 2020.

Activity Tag: Outreach events = 67.

Standard Objective 2: Produce 538 products by June 30, 2020.

Activity Tag: Installed products = 538.

Results

Idaho Department of Fish and Game Habitat Program staff sponsored or participated in 204 events to increase awareness of conservation issues, agency programs and wildlife related recreational activities. All WMA's have informational signs, displays and kiosks which are important sources of information for the public visiting the Departments' properties. Table 5 summarizes the outreach and communication efforts that habitat program staff completed during SFY20 across the state.

Table 5. Sponsored events and informational products produced statewide in SFY20

Outreach/Communication	R1	R2	R3	R4	R5	R6	R7	HQ	Total
Sponsored events (#)	21	91	46	25	2	11	8	0	204
Products produced (#)	33	22	100	22	120	117	19	0	433

Strategy 8. Research, Survey, Data Collection and Analysis

Standard Objective 1: Create or manage 24 databases by June 30, 2020.

Activity Tag: Information Technology and Management = 24.

Standard Objective 2: Conduct 33 statewide wildlife species data acquisition and analysis investigations by June 30, 2020.

Activity Tag: Wildlife species data acquisition and analysis = 33.

Standard Objective 3: Conduct 23 statewide habitat data acquisition and analysis investigations by June 30, 2020.

Activity Tag: Habitat data acquisition and analysis = 23.

Standard Objective 4: Conduct 17 statewide utilization data acquisition and analysis investigations by June 30, 2020.

Activity Tag: Utilization data acquisition and analysis = 17.

Results

Idaho Department of Fish and Game Habitat Program staff create and manage natural resource databases on a regular basis. Department staff also conduct studies to collect and analyze data on wildlife populations, habitat use and public utilization of natural resources on Department properties. Table 6 summarizes databases created and managed, wildlife, habitat and public use investigations by Department staff across the state during SFY20.

Table 6. Databases created and managed, and wildlife, habitat and public use investigations statewide in SFY20

Research, Survey & Analyses	R1	R2	R3	R4	R5	R6	R7	HQ	Total
Database creation/management	1	49	2	0	0	0	3	4	59
Wildlife investigations	16	7	21	5	5	6	3	1	64
Habitat investigations	3	7	7	13	10	6	1	10	57
Public use investigations	0	4	7	3	0	0	2	0	16

Strategy 9. Stakeholder Involvement

Standard Objective 1: Engage 119 organizations by June 30, 2020.

Activity Tag: Organizational engagement = 119.

Standard Objective 2: Engage 45 individuals by June 30, 2020.

Activity Tag: Partner engagement = 45.

Results

Idaho Department of Fish and Game Habitat Program staff regularly engage with partner agencies and organizations to achieve management objectives on WMAs. Stakeholder engagement is an important function of the Department to foster collaborative partnerships with the public on local, regional or statewide resource management issues. Table 7 summarizes how the Department engaged with outside organizations and individuals across the State during SFY20.

Table 7. Statewide stakeholder engagement in terms of organizations and individuals statewide in SFY20

Stakeholder Involvement	R1	R2	R3	R4	R5	R6	R7	HQ	Total
Engage organizations (#)	17	29	34	6	33	17	3	0	139
Engage individuals (#)	2	25	0	0	8	10	3	0	48

Strategy 10. Technical Assistance

Standard Objective 1: Provide 687 technical assists to individuals by June 30, 2020.

Activity Tag: Assistance to private landowners = 687.

Standard Objective 2: Provide 99 technical assists to organizations by June 30, 2020.

Activity Tag: Assistance to other organizations = 99.

Standard Objective 3: Participate in 57 technical committees by June 30, 2020.

Activity Tag: Participation in technical committees = 57.

Results

Technical assistance is an important mechanism enabling Idaho Department of Fish and Game Habitat Program staff to interact with private landowners when they seek assistance with their wildlife habitat development projects. Department staff also have valuable knowledge and expertise that is shared with other agencies and NGOs on projects and technical committees to achieve collaborative natural resource management goals and objectives. Table 8 summarizes the technical assistance activities that Department staff provided across the State during SFY20. This metric may vary greatly depending upon the level of interest by private landowners and the natural ebb and flow of technical committee work.

Table 8. Technical assistance provided to individuals, organizations and technical committee participation statewide in SFY20

Technical Assistance activities	R1	R2	R3	R4	R5	R6	R7	HQ	Total
Technical assistance to individuals (#)	20	77	41	12	40	200	4	0	394
Technical assistance to organizations (#)	7	31	31	5	14	12	2	5	107
Participation in technical committees (#)	20	18	2	6	12	2	5	13	52

HEADQUARTERS

Strategy 1. Coordination and Administration

Statewide Coordination and Administration of the Habitat Program was conducted from HQ. Statewide Habitat Program objectives and support for Regional Habitat Programs were achieved during SFY20 with the following HQ staff, which was supplemented with temporary employees:

- One State Habitat Program Manager administered the statewide Habitat Program including work planning, budgeting, recruiting, and interagency coordination across the 7 Regions
- Two Program Coordinators
 - Supported Regional management of IDFG-administered lands
 - Oversaw Regional implementation of the Private Lands programs
- Four Staff Biologists
 - Coordinated statewide and Regional greater sage-grouse conservation
 - Implemented WMA habitat monitoring
 - Administered IDFG's statewide Mule Deer Initiative
 - Supported lands administration
- One Regional Wildlife Biologist supported compliance with federal aid requirements
- Two Farm Bill Biologists supporting Regional implementation of Farm Bill programs

During SFY20, the Habitat Program's HQ staff conducted the following Coordination and Administration activities:

- Planned and lead the Habitat Program's component of 7 Wildlife Bureau-Regional annual work plan meetings
- Coordinated monthly Habitat Program conference calls
- Coordinated 2 meetings of the Habitat Program's leadership planning team
- Co-chaired IDFG's Lands Committee
- Coordinated and lead the Habitat Program budgeting and administration
- Chaired the Idaho Rangeland Conservation Partnership steering committee
- Co-chaired the Intermountain West Joint Venture's Idaho State Conservation Partnership
- Represented Idaho on the policy and technical teams for the Critical Habitat Assessment Tool (CHAT) sponsored by the Western Association of Fish and Wildlife Agencies (WAFWA)
- Represented IDFG on the IDL-hosted Idaho Land and Resource Coordination Council (ILRCC)
- Coordinated IDFG's big game Movement and Migration Program
- Coordinated with IDFG's Engineering Bureau to procure and execute master services agreements to retain 3 engineering firms to provide task-order-based engineering and construction supervision services for WMA projects
- Arranged a project management workshop for WMA staff
- Reviewed and processed the following WMA commercial use requests:
 - Craig Mountain WMA professional filming of big horn sheep hunt
 - Craig Mountain WMA professional filming of deer and elk hunts
 - Andrus WMA professional filming of upland game bird hunt
 - Tex Creek WMA professional hunter outfitting

- Advised staff about the following water right issues:
 - Sand Creek WMA (Chester) managed aquifer recharge
 - Market Lake WMA irrigation water delivery and beneficial uses
 - Mud Lake WMA ground water allocation and surface water conveyance system maintenance
- Provided project management guidance and budget support for the following IDFG habitat projects:
 - Black Rock Slough wetland enhancement
 - Andrus WMA new residence construction
 - CJ Strike WMA new residence construction
 - CJ Strike WMA upgrades to the Bruneau Duck Ponds
 - Payette River WMA fence repairs
 - Payette River WMA site preparation for new shop construction
 - Sheep Creek new fence construction
 - Sterling WMA wetland review
 - Sand Creek WMA (Chester) residence repairs
 - Deer Parks WMU equipment inventory and seed purchase
 - Mud Lake WMA water delivery system and wetland upgrade
- Reviewed the following WMA sharecropping and grazing agreements:
 - Boise River WMA livestock grazing agreement
 - Fort Boise WMA livestock grazing agreement
 - Roswell Marsh WHA sharecropping agreement
 - Blackfoot River WMA livestock grazing agreement
 - Sterling WMA livestock grazing agreement
 - Mud Lake sharecropping agreement extension
 - Deer Parks WHU sharecropping agreement
- Developed approach to update the infrastructure inventory on WMAs
- Developed approach to automate the production of annual reports for WMA weed control efforts and herbicide use
- Participated in compliance coordination meetings with U.S. Fish and Wildlife Service
- Assisted with completing Federal compliance requirements for PR-funded projects
- Compiled the Habitat Program's annual statewide weed control report
- Finalized the Biological Assessment allowing use of PR grant funds to purchase and apply herbicides on WMAs statewide
- Participated in the annual Biocontrol Task Force Meeting; a multi-agency consortium of researchers and land management agencies dedicated to advancing the field of biological weed control
- Provided technical input for the following WMA habitat management projects:
 - Boundary-Smith Creek WMA prescribed burn
 - Boise River WMA livestock grazing
 - Georgetown Summit WMA livestock grazing
 - Georgetown Summit WMA sharecropping
 - Sterling WMA livestock grazing
 - Deer Parks sharecropping

- Provided data and technical information in support of Coeur d'Alene River WMA on-going wetland restoration and enhancement projects and research, including management of invasive common reedgrass (*Phragmites australis*)

Strategy 2. Direct Habitat and Species Management

Headquarter staff provide administrative support to regional habitat management staff as they perform functions under this strategy. For a summary of direct management activities completed under this strategy, please see Table 1 above.

Strategy 3. Environmental Review

During SFY20, the Habitat Program's HQ staff provided support for Regional environmental review including the following:

- Northwest Power and Conservation Council's Wildlife Mitigation Objectives
- Intermountain West Joint Venture's Operation Plan and Water 4 Initiative Plan
- Idaho Governor's Office's Sage-grouse Mitigation Principals
- Initiated a 5-year statewide review of the 10-year WMA management plans
- Reviewed IDFG's draft statewide WMA assessment report and performed supplemental cost-benefit financial analyses
- Reviewed Idaho's expiring 2015 wetland program plan for WMAs and initiated statewide update to the plan in coordination with companion ITD project to develop a wetland mitigation program
- Reviewed IDFG's commercial use procedure for WMAs and developed a standard commercial use request form and agreement template for statewide use
- Finalized the administrative cost recovery procedure for processing commercial use requests
- Reviewed Idaho's 2018 Movement & Migration Action Plan for DOI Secretarial Order 3365 for western big game migration routes and winter ranges and prepared the 2019 update
- Provided review comments of proposed South Fork Boise River Bank Restoration project permit application to US Army Corps of Engineers (USACE) for Regional Environmental Staff Biologists regarding the project's potential wetland and floodplain habitat impacts

Strategy 4. Facilities/Areas Construction, Renovation or Acquisition

During SFY20, the Habitat Program's HQ staff provided administrative support for Regional staff as they performed functions under this strategy. Headquarters staff coordinated with IDFG's Engineering and Administration bureaus to support the following WMA construction and renovation projects:

- Tex Creek WMA new bunkhouse design and construction contracting
- Payette River WMA new shop design, clearances/permitting (endangered species, cultural, and floodplain), and construction contracting
- Payette River WMA site preparation for new shop construction
- Georgetown Summit WMA new shed design

Strategy 5. Facilities/Areas Operations and Maintenance

During SFY20, the Habitat Program's HQ staff supported Regional O&M projects including the following:

- Coordinated with IDFG's Administration Bureau to support the following WMA maintenance projects:
 - Sand Creek WMA (Chester) residence repairs
 - Deer Parks WMU equipment inventory

Strategy 6. Incentives

During SFY20, the Habitat Program's HQ staff oversaw the administrative processes and provided guidance for the Access Yes program. In addition to budget allocation and payment services, headquarter staff oversee the development and printing of the paper guides, management of the database and the upkeep and management of the Access Yes webpage <https://idfg.idaho.gov/yes> .

Strategy 8. Research, Survey, Data Collection and Analysis

During SFY20, the Habitat Program's HQ staff supported Regional research, survey, data collection and analysis projects including the following:

- Provided a WMA habitat monitoring workshop for WMA staff
- Developed a Memorandum of Understanding to install Motus passive wildlife tracking systems at WMAs in southern Idaho to track migrating birds
- Completed 2019 field data collection for baseline vegetation monitoring at Region 6 WMAs, Tex Creek and Cartier Slough; also conducted rapid assessment of riverine floodplain condition on Henry's Fork River at Cartier Slough WMA
- Analyzed and synthesized vegetation data collected from Region 5 WMAs during 2018; draft reports of "Baseline Habitat Monitoring Results, 2018" for the following 5 WMAs were in progress as of June 30, 2020: Blackfoot River, Georgetown Summit, Montpelier, Portneuf, and Sterling
- Final reports of "Baseline Habitat Monitoring Results, 2017" for the following 4 Region 1 WMAs were completed during the grant period: Coeur d'Alene River, Farragut, McArthur Lake, and Pend Oreille
- Provided technical input to ongoing vegetation related IDFG research, including fine-scale vegetation map, plant distribution modeling, and development of an integrated IDFG vegetation database
- Continued implementation of long-term baseline vegetation surveys of WMAs including report preparation and supervision of a vegetation monitoring crew: One WMA survey conducted and prepared 4 survey reports
- Developed sage-grouse lek survey priorities to meet needs of population monitoring for the Governor's Plan; coordinated with the regions to implement priority lek surveys
- Compiled and entered 39 state-led habitat improvement projects into USFWS's Conservation Efforts Database
- Rolled out Survey123 app to record lek counts on mobile devices in the field

- Tested data collection methods and conducted field assessments for the statewide habitat modelling effort
- Ground-truthed 35 waypoints and provided technical assistance for the statewide habitat modelling effort
- Developed plant taxonomy and habitat information for a pronghorn micro-histology study

Strategy 10. Technical Assistance

During SFY20, the Habitat Program's HQ staff provided the following technical assistance:

- Provided technical input for a proposed wetland restoration project for Fort Boise WMA
- Provided technical and policy guidance for bird habitat conservation to the Intermountain West Joint Venture by representing IDFG on the Joint Venture Management Board and co-chaired the Idaho State Conservation Partnership
- Represented IDFG at the Idaho Bird Conservation Partnership (IBCP) meetings and co-chaired the IBCP Habitat Delivery Working Group
- Provided assistance to IDFG's Director's Office on various legislative and governor's office requests
- Represented IDFG on various WAFWA and AFWA working groups
- Represented IDFG on the Idaho Dept. of Lands Industry Wildfire Briefing Group
- Represented IDFG on the Idaho Prescribed Fire Council
- Represented IDFG on the Governor's Sage-grouse Adaptive Management Implementation Team
- Represented IDFG on the BLM Sage-grouse Adaptive Management Policy Team
- Represented IDFG on the Idaho Invasive Species Council
- Represented IDFG on Idaho Coalition of Land Trusts
- Answered plant identification and plant ecology questions for IDFG staff, including Wildlife Diversity staff regarding Species of Greatest Conservation Need habitat (e.g., yellow-billed cuckoo)
- Co-developed and presented a training workshop on how to programmatically implement habitat monitoring on WMAs to IDFG staff
- Provided technical input to IDFG staff on how to implement baseline vegetation monitoring at Mud Lake, Market Lake, and Deer Parks WMAs (starting in late May 2020)
- Assisted with IDFG's writing of EPA Multipurpose Wetland Program Development Grant for Sterling WMA Wetland Review; provided wetland habitat information toward the Wetland Review effort
- Delivered data and information to consultants and at least one concerned citizen about wetland ecosystems, wetland/riparian restoration, and potential development impacts; referred public and IDFG staff to Idaho Wetlands Website and explained how to use and download information provided at <https://idfg.idaho.gov/conservation/wetlands>.
- Participated on Idaho Interagency Wetland Mitigation Working Group; provide technical information to interagency working group on the development of a science-supported mitigation decision support tool, Idaho-specific protocol for rapid assessment of wetland and stream functions, and revision of the Idaho Wetland Program Plan

- Provided technical and policy guidance on sage-grouse conservation to the Idaho Governor's Office of Species Conservation and federal land management agencies
- Implemented the Sage-grouse Habitat Quantification Tool to quantify impacts of infrastructure development projects, estimate benefits of habitat improvement projects, and guide prioritization of conservation efforts; evaluated potential impacts of 2 prospective or proposed projects in sage-grouse range and provided results via webinar to project proponents and land managers
- Participated on technical team working with state and federal partners on evaluating causal factors of sage-grouse population declines, following the 2015 greater sage-grouse land-use plan amendments
- Serve on the Range-wide Interagency Sage-grouse Conservation Team and WAFWA's sage and sharp-tailed grouse technical team
- Serve on the Idaho Sage-grouse Actions Team
- Provided technical assistance for development of a decision support tool for brush control projects in eastern Idaho
- Published research study on cooperative project using weed-suppressive bacteria to control invasive annual grasses, including study areas on the Boise River and Tex Creek WMAs
- Provided plant identification training for bighorn sheep and sage grouse crews, taught a workshop at the Wildlife Bureau Meeting, and compiled a list of workshops and other training opportunities related to vegetation

PANHANDLE REGION

Strategy 1 – Coordination and Administration

The Panhandle Region’s Habitat Program administers 6 WMAs and 24 smaller parcels totaling approximately 54,200 acres, which support wildlife habitat, public hunting, and other wildlife-oriented recreation (Table 9). The following report section summarizes Regional results for IDFG’s Habitat PR grant for SFY20.

Regional Habitat Program objectives were achieved during SFY20 by the following Regional staff, which was supplemented with temporary employees:

- One Regional Habitat Manager administered the Regional Habitat Program including planning coordination, budgeting, and staff supervision
- Four Regional Habitat Biologists (one assigned to each habitat district) implemented program activities at the district level and supervised seasonal staff
- One Regional Wildlife Biologist performed both wildlife habitat and population duties, which bridged the 2 sections and included federal lands conservation, WMA project support, GIS support, regional waterfowl data management, disease monitoring, and Technical Assistance
- One Maintenance Craftsman and associated seasonal crew assisted with O&M of IDFG facilities and infrastructure

Table 9. IDFG-administered areas within the Panhandle Region

Area	Abbreviation	Acres
Boundary-Smith Creek WMA	BSCWMA	2,072
McArthur Lake WMA	MLWMA	1,821
Pend Oreille WMA	POWMA	7,432
Farragut WMA	FWMA	1,418
Coeur d’Alene River WMA	CDARWMA	9,074
Snow Peak WMA	SPWMA	32,292

Strategy 2 – Direct Habitat and Species Management

Table 10 summarizes habitat management activities conducted on IDFG-administered lands in the Panhandle Region during SFY20.

Table 10. Acres/miles/structures of habitat enhanced, created or managed in the Panhandle Region in SFY20

Management Activities	Boundary-Smith Creek WMA	McArthur Lake WMA	Pend Oreille WMA	Farragut WMA	Coeur d’Alene WMA	Snow Peak WMA	TOTAL
Terrestrial wildlife habitat structures (# structures)	70	104	54	0	271	0	499
Water management structures (# structures)	21	1	4	0	5	0	31

Management Activities	Boundary-Smith Creek WMA	McArthur Lake WMA	Pend Oreille WMA	Farragut WMA	Coeur d'Alene WMA	Snow Peak WMA	TOTAL
Prescribed fire (acres)	155	0	0	0	0	0	155
Grazing/farm management (acres)	23	8.5	30	0	25	0	86.5
Planting/Seeding (acres)	0	0	8	0	26	0	34
Other vegetation management practices (acres)	20	0	15	0	300	0	335
Forest Stand Management	0	0	0	30	0	0	30
Wetland creation and/or management (# acres)	735	889	5,698	0	7,500	0	14,822
Invasive Species Control – Plants (# acres)	400	100	150	50	0	0	700
Stream modification (# miles)	0	0	0	0	0	0	0

Strategy 3 – Environmental Review

Panhandle Region Habitat Staff reviewed 15 projects/plans pertaining to USFS and IDL forest management, ITD Highway projects and Columbia River System Operations EIS.

Strategy 5 – Facilities/Areas Operations and Maintenance

Table 11 summarizes O&M activities conducted in the Panhandle Region during SFY20.

Table 11. Facilities operated and maintained in the Panhandle Region

Feature	Boundary-Smith Creek WMA	McArthur Lake WMA	Pend Oreille WMA	Farragut WMA	Coeur d'Alene WMA	Snow Peak WMA	TOTAL
Buildings/Structures (#)	4	0	7	12	6	0	29
Roads (mi)	0	0	7	.5	2	2	11.5
Trails (mi)	12.5	1.2	4	0	0	10	27.7
Maintained Fence (mi)	0	0	6	1	1.5	0	8.5
Parking Areas (#)	3	1	12	1	4	0	21
Campgrounds (#)	2	0	0	0	2	0	4
Equipment (#)	22	7	1	0	2	0	32
Viewing/Hunting Structures (#)	1	2	1	0	3	0	7
Restrooms (#)	0	0	0	1	0	0	1

Strategy 7 – Outreach/Communication

Panhandle Region Habitat staff sponsored 21 events in the region, and produced/installed/maintained 33 outreach items for constituents.

Strategy 8 – Research, Survey, Data Collection and Analysis

The Panhandle Region Habitat staff managed 1 database, 16 wildlife species investigations, and 3 habitat investigations during SFY20. These activities are summarized as follows:

- Managed 1 vegetation photo point database for POWMA
- Conducted 5 waterfowl investigations on BSCWMA
- Conducted 2 waterfowl investigations MLWMA
- Conducted 4 waterfowl investigations on POWMA
- Conducted 4 waterfowl investigation on CDARWMA
- Conducted 1 big game investigation on SPWMA
- Completed 1 wetland habitat investigation on MLWMA
- Completed 2 meadow restoration investigations on POWMA

Strategy 9 – Stakeholder Involvement

The Panhandle Region Habitat staff engaged 17 organizations and 2 individuals on collaborative initiatives and projects with common goals and objectives during SFY20. These activities are summarized as follows:

- Worked with 3 organizations to restore forested lowland floodplain habitat, ephemeral wetlands, cool air refugia and habitat improvements for protected species on BSCWMA
- Worked with 7 organizations on aspen inventory and restoration projects, riparian restoration and timber sale review on POWMA
- Worked with 7 organizations on slough and meadow restoration and Phragmites research and control projects on CDARWMA
- Worked with 2 individuals who share property boundaries on wildlife fuels reductions on CDARWMA

Strategy 10 – Technical Assistance

The Panhandle Region Habitat staff provided technical assistance to 20 individuals, 7 organizations and participated in 20 technical committees during SFY20. These activities are summarized as follows:

- Provided technical assistance to 20 private landowners on a variety of projects across the region
- Provided technical assistance to 7 organizations on project reviews, timber sale proposals, streambank stabilization projects, habitat management plans, and aspen inventories across the region
- Provided technical assistance to 20 technical committees ranging from weed management to forest health initiatives

CLEARWATER REGION

Strategy 1 – Coordination and Administration

The Clearwater Region's Habitat Program administers management activities on 2 WMAs comprising more than 124,000 acres (84,000 acres deeded and 40,000 acres under lease or cooperative management) and 5 WHAs encompassing 1,764 acres, which support wildlife habitat, public hunting, and other wildlife-oriented recreation (Table 12). The following report section summarizes Regional results for IDFG's Habitat PR grant for SFY20.

Regional Habitat Program objectives were achieved during SFY20 with the following Regional staff, which was supplemented with temporary employees:

- 1 Regional Habitat Manager administered the Regional Habitat Program including planning coordination, budgeting, and staff supervision
- 3 Regional Habitat Biologists (one assigned to each habitat district) implemented program activities at the district level and supervised the Senior Wildlife Technician and seasonal staff
- 1 Farm Bill Biologist supporting Regional implementation of Farm Bill programs
- 1 Senior Wildlife Technician assisted district-level activities and supervised seasonal employees
- 1 Maintenance Foreman and associated seasonal crew assisted with O&M of IDFG facilities and infrastructure
- 1 Maintenance Craftsman assisted O&M of IDFG facilities and infrastructure

Table 12. IDFG-administered areas within the Clearwater Region

Area	Abbreviation	Acres
Red River WMA	RRWMA	321
Craig Mountain WMA	CMWMA	124,445 ^a
Joseph Plains WHA	JPWHA	1,300
South Fork Clearwater WHA	SFWHA	375
Aspendale WHA	AWHA	12
Fir Island WHA	FIWHA	57
Paradise WHA	PWHA	20
Total		126,530

^a Includes 84,000 deeded acres cooperatively managed with BLM and IDL, and 5,500 acres cooperatively managed with the Nez Perce Tribe.

Strategy 2 – Direct Habitat and Species Management

Table 13 summarizes habitat management activities conducted on IDFG-administered and other public lands in the Clearwater Region during SFY20, including the following:

Table 13. Habitat and species management activities in the Clearwater Region

Management Activity	Craig Mountain WMA	Red River WMA	Thorn Creek Project	Clearwater Region (non-WMA)	TOTAL
Terrestrial wildlife habitat structures (# structures)	0	30	0	56	86
Water management structures (# structures)	0	0	0	0	0
Prescribed fire (acres)	0	0	0	0	0
Grazing/farm management (acres)	55	40	0	0	95
Planting/Seeding (acres)	300	0	27	155	482
Other vegetation management practices (acres)	50	0	0	0	50
Forest Stand Management	0	0	0	0	0
Wetland creation and/or management (# acres)	0	0	0	0	0
Invasive Species Control – Plants (# acres)	1,500	321	23	1,250	3,094
Stream modification (# miles)	0	0	0	0	0

Strategy 3 – Environmental Review

Clearwater Region Habitat Staff reviewed 38 projects/plans pertaining forest planning and noxious weed issues.

- Reviewed 35 USFS timber harvest/fuels reduction project plans
- Reviewed 1 forest plan revision
- Conducted site visits, reviewed, and commented on 2 Good Neighbor Authority projects conducted by USFS & IDL

Strategy 4 – Facilities/Areas Construction, Renovation or Acquisition

- Clearwater Region Habitat Staff worked on plans to demolish 2 buildings at Gasier Ranch on CMWMA in preparation for new structures and utilities

Strategy 5 – Facilities/Areas Operations and Maintenance

Table 14 summarizes O&M activities conducted in the Clearwater Region during SFY20.

Table 14. Facilities operated and maintained in the Clearwater Region

Feature	Craig Mountain WMA	Red River WMA	Joseph Plains WHA	TOTAL
Buildings/Structures (#)	26	7	0	33
Roads (mi)	23	0.25	3	26.25

Feature	Craig Mountain WMA	Red River WMA	Joseph Plains WHA	TOTAL
Trails (mi)	7	0	0	7
Fences (mi)	26	5.25	5	36.25
Parking Areas (#)	6	2	1	9
Campgrounds (#)	0	1	0	1
Non-fleet Equipment (#)	38	10	0	48
Viewing Structures(#)	0	1	0	1
Restrooms (#)	2	0	0	2

Strategy 7 – Outreach/Communication

Clearwater Region Habitat staff sponsored 91 events in the region, and produced, installed, or maintained 22 outreach items for constituents.

Strategy 8 – Research, Survey, Data Collection and Analysis

The Clearwater Region Habitat staff managed 49 database, 7 wildlife species investigations, and 7 habitat investigations and 4 public use investigations during SFY20. These activities are summarized as follows:

- Managed 37 databases for RRWMA including: photo points, water rights, bird surveys, veg surveys, facility use surveys, rare plant surveys, inventories, private lands and technical assistance tracking, and various geospatial databases for regional WMAs and both internal and external technical assistance projects
- Managed 12 regional databases including: HIP, SAFE, CRP, Farm Bill assistance tracking, technical assistance tracking, private lands tracking, 2 elk databases (Clearwater Basin Collaborative: fate, locations), 1 geospatial aspen database, 1 redstem *ceanothus* survival database, 1 Dworshak winter range elk forage database (ACOE), and 1 geospatial database for USFS project development and implementation
- Assisted population management to Conducted 7 fish and wildlife investigations including: Ten Mile Creek Ranch Baseline, Ten Mile Creek Ranch vegetation and management plan, monitoring collared elk - year round (Clearwater Basin Collaborative), upland game brood surveys, wolf population survey, (2) elk population surveys (GMU 10A and GMU 15) described in the IDFG Survey and Inventory PR grant project statement
- Conducted 1 investigation to build Forestry Management Plan for Clearwater Region
- Conducted 6 habitat investigations including: aspen flights to document aspen stands on the Nez Perce Clearwater National Forests for future vegetation treatments. Fine scale vegetation map ground truthing with survey123. Investigating potential use of GNA to complete higher-level detailed ground truthing in the Clearwater using LPI. Ten Mile Creek Ranch Baseline. Ten Mile Creek Ranch vegetation and management plan. Thorn Creek shrub survival inventory. And biocontrol monitoring
- Conducted 1 investigation on mountain lion harvest and public use on CMWMA

- Conducted 1 investigation on public use with a user registration/sign-in box at the wildlife viewing platform on RRWMA
- Conducted 2 public use investigations on the enrollment patterns, game harvested, game seen, opinions on opportunities offered by Access Yes areas, opinions of online sign-in, and additional comments/improvements of 2 access yes areas in the Clearwater Region

Strategy 9 – Stakeholder Involvement

The Clearwater Region Habitat staff engaged 29 organizations and 25 individuals on collaborative initiatives and projects with common goals and objectives during SFY20. These activities are summarized as follows:

- Worked with 3 organizations on habitat, recreation and fire planning initiatives on CMWMA
- Worked with 3 organizations on fish and wildlife management initiatives on RRWMA
- Worked with one individual on a share cropping agreement for RRWMA
- Worked with 23 different organizations on habitat, noxious weeds and access improvement initiatives for non WMA areas across the region
- Worked with 24 individuals across the region on HIP and Access Yes initiatives

Strategy 10 – Technical Assistance

The Clearwater Region Habitat staff provided technical assistance to 77 individuals, 31 organizations and participated in 18 technical committees during SFY20. These activities are summarized as follows:

- Provided general technical assistance to 57 private landowners on a variety of projects across the region
- Provided technical assistance to 20 individuals participating in state and federal natural resource conservation programs
- Provided technical assistance to 31 organizations working on weed management, forestry management, fish and wildlife habitat management and conservation easement baseline data assessment
- Participated on 18 technical committees ranging from weed management to forest health initiatives

SOUTHWEST REGION

Strategy 1 – Coordination and Administration

The Southwest Region developed and maintained an effective and efficient work force to implement habitat program objectives, administer project resources, coordinate project activities, share information with internal and external customers, throughout the Southwest Region, but with emphasis on IDFG-administered lands (Table 15).

Additional license funds were budgeted for this project to provide for operations, maintenance, capital improvements and a portion of personnel costs throughout the Southwest Region, including Fort Boise WMA (FBWMA), Boise River WMA (BRWMA), Cecil D. Andrus WMA (AWMA), C.J. Strike WMA (CJWMA), Montour WMA (MWMA), and Payette River WMA (PRWMA). Federal project funds provided a portion of personnel funds for administration and implementation of project objectives, including the Nampa and McCall Habitat Districts. The Southwest Region habitat management program also includes the McCall Sub-region.

Southwest Region Wildlife Habitat Program objectives were met through regional program personnel. Wildlife Habitat Program responsibilities are structured as follows:

- One Regional Habitat Manager oversees program coordination and administration at the regional level and supervises Regional Habitat Biologists and other program personnel
- Seven Regional Habitat Biologists implement program activities at the district level and supervise Senior Wildlife Technicians and seasonal staff
- Three Senior Wildlife Technicians assist with district-level activities and supervise seasonal employees
- One Maintenance Foreman assists with operation and maintenance on Habitat Program facilities
- One Volunteer Services Coordinator utilizes a volunteer work force to implement habitat improvement projects throughout the region

Table 15. IDFG-administered areas within the Southwest Region

Area	Abbreviation	Acres
Payette River WMA	PRWMA	1,260
Montour WMA	MWMA	1,558
Fort Boise WMA	FBWMA	1,546
C.J. Strike WMA	CJWMA	11,008
Boise River WMA	BORWMA	36,267
Cecil D. Andrus WMA	AWMA	24,000
Smiths Ferry WHA	SFWHA	10.28
Henley Basin WHA	HBWHA	2,830
Middle Fork Payette River WHA	MFPRWHA	9.37
Star Lane WHA	SLWHA	10
Sand Hollow WHA	SHWHA	75.10
Bores Island WHA	BIWHA	12.06
Mann Creek WHA	MCWHA	650
Roswell Marsh WHA	RMWHA	35.58
Ted Trueblood WHA	TTWHA	351

Area	Abbreviation	Acres
Rocking M Conservation Easement	RMCE	33,000

Strategy 2 – Direct Habitat and Species Management

Table 16 summarizes habitat and species management activities conducted on IDFG-administered lands, other public lands, and private lands within the Southwest Region during SFY20.

Table 16. Habitat management activities in the Southwest Region

Management Activity	Cecil D. Andrus WMA	Fort Boise WMA	Montour WMA	Payette WMA	Boise River WMA	C.J. Strike WMA	Regional	TOTAL
Terrestrial wildlife habitat structures (# structures)	0	35	0	0	0	0	317	352
Water management structures (# structures)	0	35	11	16	0	40	0	112
Prescribed fire (acres)	0	34	0	0	0	0	0	34
Grazing/farm management (acres)	23,928	8	17	15	15,528	757	3	40,256
Planting/Seeding (acres)	5	6	0	0	446	0	271	885
Other vegetation management practices (acres)	1	15	0	5	0	0	0	21
Forest Stand Management	1	0	0	0	0	0	5	6
Wetland creation and/or management (# acres)	0	265	64	42	0	690	0	1,084
Invasive Species Control – Plants (# acres)	475	79	0	200	50	350	3	1,157
Stream modification (# miles)	0	0	0	0	0	0	0	0

Strategy 3 – Environmental Review

Southwest Region Habitat Staff reviewed 14 projects/plans pertaining to resource management plans, mining proposals, fire management plans and other natural resource issues as follows:

- South Fork Salmon River Prescribed Fire Habitat Plan
- Stibnite/Midas mining proposal
- Bank stabilization projects in Valley County
- Bureau of Land Management’s BOSH treatment areas, Tri-State Fuel Breaks Project, and Four Rivers Resource Management Plan
- 4 brush management projects proposed by NRCS
- IDWR’s memo regarding permits for beaver dam analogs
- MOU regarding interagency habitat restoration
- U.S. Army Corps of Engineers’ Lakeview Trail proposal

Strategy 4 – Facilities/Areas Construction, Renovation or Acquisition

The Southwest Region had 2 carryover construction projects that were completed during SFY20 and have initiated construction on the Payette River WMA shop.

- PRWMA shop build in process, expected completion mid-November, 2020.

Strategy 5 – Facilities/Areas Operations and Maintenance

Table 17 summarizes facilities/areas operations and maintenance activities conducted in the Southwest Region during SFY20.

Table 17. Facilities operated and maintained in the Southwest Region

Feature	Cecil D. Andrus WMA	Fort Boise WMA	Montour WMA	Payette WMA	Boise River WMA	C.J. Strike WMA	Other	Total
Buildings/Structures (#)	26	6	0	1	4	3	8	48
Roads (mi)	35	14	8.7	5	45	1.1	0	108.8
Trails (mi)	0	0	0	0	0	0	0	0
Maintained Fence (mi)	100	14	0.8	1.6	75	15	0	206.4
Parking Areas (#)	2	10	9	10	9	5	7	52
Campgrounds (#)	0	0	0	0	0	0	0	0
Equipment (#)	17	28	0	8	5	22	8	88
Viewing/Hunting Structures (#)	1	2	0	0	0	0	0	3
Restrooms (#)	0	0	0	0	0	0	0	0

Strategy 7 – Outreach/Communication

Southwest Region Habitat staff sponsored 46 events in the region, and produced/installed/maintained 100 outreach items for constituents.

Strategy 8 – Research, Survey, Data Collection and Analysis

The Southwest Region Habitat staff managed 2 database, 21 wildlife species investigations, 7 habitat investigations and 7 public use investigations during SFY20. These activities are summarized as follows:

- Managed 2 regional databases pertaining to wood duck nest box use and seedling success
- Conducted 1 big game, and 7 upland game investigations at AWMA
- Conducted 2 upland game investigations at PRWMA
- Conducted 2 upland game investigation at MWMA
- Conducted 1 waterfowl investigation at FBWMA
- Conducted 2 big game investigations at BORWMA

- Conducted 1 waterfowl investigation at CJWMA
- Conducted 4 upland game investigations at other areas in the region
- Conducted 1 habitat investigation at AWMA
- Conducted 1 habitat investigation at FBWMA
- Conducted 3 habitat investigations at BORWMA
- Conducted 1 habitat investigations at other areas in the region
- Conducted 7 public use investigations at AWMA, PRWMA, MWMA, FBWMA and BORWMA

Strategy 9 – Stakeholder Involvement

The Southwest Region Habitat staff engaged 34 organizations on collaborative initiatives and projects with common goals and objectives during SFY20. These activities are summarized as follows:

- Worked with 1 organization on noxious weeds at AWMA
- Worked with 2 organizations on noxious weeds at PRWMA
- Worked with 1 organization on upland habitat restoration at BORWMA
- Worked with 2 organization on waterfowl habitat issues at CJWMA
- Worked with 26 organizations on habitat, noxious weeds, hunter access, and habitat improvement initiatives at non-WMA areas across the region

Strategy 10 – Technical Assistance

The Southwest Region Habitat staff provided technical assistance to 41 individuals, 31 organizations and participated in 2 technical committees during SFY20. These activities are summarized as follows:

- Provided general technical assistance to 41 private landowners pertaining to depredation mitigation, public access easement concerns, fire rehab, fuel breaks, nesting cover enhancements, food plot establishment, escape cover and native shrub establishment, weed control, riparian restoration, and general habitat management
- Provided technical assistance to 31 organizations working on highway infrastructure, grazing management, habitat restoration, soil health and water quality, forest planning, recreational planning, noxious weeds and habitat improvement initiatives across the region
- Participated on 2 technical committees pertaining to sage grouse management in the region

MAGIC VALLEY REGION

Strategy 1 – Coordination and Administration

The Magic Valley Region’s Habitat Program administers management activities on 6 WMAs, 3 WHAs, and isolated tracts to provide wildlife habitat, public hunting, and other wildlife-oriented recreation on approximately 11,000 acres (Table 18). The following report section summarizes Regional results for IDFG’s SFY20 Habitat PR grant.

Regional Habitat Program staff achieved objectives during SFY20 with the following regional staff, which was supplemented with temporary employees, volunteers, and reservists:

- One Regional Habitat Manager administered the Regional Habitat Program including planning coordination, budgeting, and staff supervision
- Four Regional Habitat Biologists (one assigned to each habitat district) implemented program activities at the district level and supervised seasonal staff
- One Maintenance Foreman and associated seasonal crew assisted with O&M of IDFG facilities and infrastructure

Table 18. IDFG-administered areas within the Magic Valley Region

Area	Abbreviation	Acres
Billingsley Creek WMA	BCWMA	277
Hagerman WMA	HWMA	1,024
Camas Prairie-Centennial Marsh WMA	CPCMWMA	6,190
Carey Lake WMA	CLWMA	759
Big Cottonwood Creek WMA	BGCWMA	1,444
Niagara Springs WMA	NSWMA	1,163
	Total	10,857

Strategy 2 – Direct Habitat and Species Management

Table 19 summarizes habitat management activities that directly benefitted wildlife species on IDFG-administered lands, other public lands, and private lands within the Magic Valley Region during SFY20.

Table 19. Habitat management activities in the Magic Valley Region

Management Activity	Billingsley Creek WMA	Hagerman WMA	Niagara Springs WMA	Centennial Marsh WMA	Carey Lake WMA	Big Cottonwood WMA	TOTAL
Terrestrial wildlife habitat structures (# structures)	10	31	47	100	12	0	200
Water management structures (# structures)	0	18	0	0	2	0	22
Prescribed fire (acres)	0	0	0	0	0	0	0
Grazing/farm management (acres)	0	49	87	490	20	15	661

Management Activity	Billingsley Creek WMA	Hagerman WMA	Niagara Springs WMA	Centennial Marsh WMA	Carey Lake WMA	Big Cottonwood WMA	TOTAL
Planting/Seeding (acres)	0	1	5	40	65	67	178
Other vegetation management practices (acres)	10	0	0	0	0	67	77
Forest Stand Management	0	0	0	0	0	0	0
Wetland creation and/or management (# acres)	0	176	0	1,541	286	0	2,003
Invasive Species Control – Plants (# acres)	0	50	540	35	10	500	1,135
Stream modification (# miles)	0	0	0	0	0	0	0

Strategy 3 – Environmental Review

Magic Valley Regional habitat staff reviewed and consulted on 37 proposed projects/plans pertaining to grazing management, fire planning and other natural resource issues as follows:

- Post-fire rehabilitation and restoration
- Renewal of 30-year allotment grazing plans
- Review of travel management plans
- Review of proposed leases for mining, wind anemometers, and gravel pits
- Review of proposed gold mining activity

Strategy 5 – Facilities/Areas Operations and Maintenance

Table 20 summarizes facilities/areas operations and maintenance activities conducted in the Magic Valley Region during SFY20, including the following:

Table 20. Facilities operated and maintained in the Magic Valley Region

Feature	Billingsley Creek WMA	Hagerman WMA	Niagara Springs WMA	Centennial Marsh WMA	Carey Lake WMA	Big Cottonwood WMA	TOTAL
Buildings/Structures (#)	0	4	1	3	2	4	14
Roads (mi)	2	5	11	3	0	1	24
Trails (mi)	1	1	1	1	0	1	5
Fences (#)	1	1	1	7	1	5	16
Parking Areas (#)	3	12	6	1	3	1	26
Campgrounds (#)	0	0	0	1	0	0	1
Non-fleet Equipment (#)	0	6	3	17	7	9	42

Feature	Billingsley Creek WMA	Hagerman WMA	Niagara Springs WMA	Centennial Marsh WMA	Carey Lake WMA	Big Cottonwood WMA	TOTAL
Viewing Structures (#)	0	5	1	0	0	0	6
Restrooms (#)	1	3	1	1	1	0	7

Strategy 7 – Outreach/Communication

Magic Valley Regional Habitat staff sponsored 25 events and produced/installed/maintained 22 outreach items for constituents.

Strategy 8 – Research, Survey, Data Collection and Analysis

The Magic Valley Region Habitat staff completed 5 wildlife species investigations, 13 habitat investigations and 3 public use investigations during SFY20. These activities are summarized as follows:

- Conducted 1 waterfowl and 1 upland game investigation on HWMA
- Conducted 1 upland game investigations at NSWMA
- Conducted 1 big game and 1 upland game investigation at BGCWMA
- Conducted 3 habitat investigations at BGCWMA
- Conducted 2 public use investigations at BGCWMA
- Conducted 1 upland game, 9 habitat and 1 public use investigation at non-WMA areas in the region

Strategy 9 – Stakeholder Involvement

The Magic Valley Region Habitat staff engaged 9 organizations on collaborative initiatives and projects with common goals and objectives during SFY20. These activities are summarized as follows:

- Worked with 1 organization on water quality issues at NSWMA
- Worked with 2 organizations on upland habitat restoration at BGCWMA
- Worked with 6 organizations on habitat, noxious weeds, and habitat improvement initiatives at non-WMA areas across the region

Strategy 10 – Technical Assistance

The Magic Valley Region's Habitat staff provided technical assistance to 12 individuals, 5 organizations and participated on 6 technical committees during SFY20:

- Provided technical assistance to 12 private landowners wishing to improve habitat for wildlife resources and enhance riparian habitat
- Provided technical assistance to 5 organizations pertaining to stream restoration, fire rehabilitation, seed collection and habitat management

- Participated on 6 technical committees working on beaver restoration, sage grouse conservation and mule deer habitat

SOUTHEAST REGION

Strategy 1 – Coordination and Administration

The Southeast Region’s Habitat Program administers management activities on 5 WMAs, 1 WHA, and 1 Nature Area to provide wildlife habitat, public hunting, and other wildlife-oriented recreation on approximately 17,000 acres (Table 21). The Southeast Region also assists with administration of the Soda Hills Wildlife Mitigation Area and private property enrolled in the MDI and HIP. The following report section summarizes Regional results for IDFG’s FY20 Habitat PR grant.

Regional Habitat Program objectives were achieved during SFY20 with the following Regional staff, which was supplemented with temporary employees, volunteers, and reservists:

- One Regional Habitat Manager administered the Regional Habitat Program including planning coordination, budgeting, and staff supervision
- Two Regional Habitat Biologists (one assigned to each habitat district) implemented program activities at the district level and supervised seasonal staff

Table 21. IDFG-administered areas within the Southeast Region

Area	Abbreviation	Acres
Blackfoot River WMA	BFRWMA	2,400
Georgetown Summit WMA	GSWMA	4,353
Montpelier WMA	MPWMA	2,137
Portneuf WMA	PWMA	3,950
Sterling WMA	SWMA	4,106
Dingle Swamp WHA	DSWHA	80

Strategy 2 – Direct Habitat and Species Management

Table 22 summarizes habitat management activities conducted on IDFG-administered lands, other public lands, and private lands within the Southeast Region during SFY20.

Table 22. Habitat management activities in the Southeast Region

Management Activity	Sterling WMA	Portneuf WMA	Blackfoot River WMA	Georgetown Summit WMA	Montpelier WMA	TOTAL
Terrestrial wildlife habitat structures (# structures)	0	0	13	0	0	13
Water management structures (# structures)	6	0	1	4	0	11
Prescribed fire (acres)	0	0	0	0	0	0
Grazing/farm management (acres)	149	60	1,200	365	0	1,774
Planting/Seeding (acres)	10	20	1	20	0	51
Other vegetation management practices (acres)	47	100	0	0	0	147
Forest Stand Management	0	0	20	0	0	20

Management Activity	Sterling WMA	Portneuf WMA	Blackfoot River WMA	Georgetown Summit WMA	Montpelier WMA	TOTAL
Wetland creation and/or management (# acres)	52	0	0	0	0	52
Invasive Species Control – Plants (# acres)	250	660	1,505	600	20	3,035
Stream modification (# miles)	0	0	0	0	0	0

Strategy 3 – Environmental Review

Southeast Regional habitat staff reviewed and consulted on 11 proposed projects/plans pertaining to grazing management, housing development, stream restoration and transportation projects.

Strategy 4 – Facilities/Areas Construction, Renovation or Acquisition

- GSWMA storage shed acquisition and installation in progress

Strategy 5 – Facilities/Areas Operations and Maintenance

Table 23 summarizes facilities/areas operations and maintenance activities conducted in the Southeast Region during SFY20.

Table 23. Facilities operated and maintained in the Southeast Region

Feature	Blackfoot River WMA	Georgetown Summit WMA	Montpelier WMA	Portneuf WMA	Sterling WMA	TOTAL
Buildings/Structures (#)	1	0	1	0	1	7
Roads (mi)	6	7	5	12	4	34
Trails (mi)	4	0	0	9	0	13
Maintained Fence (mi)	13	3	0	6	13	35
Parking Areas (#)	6	9	1	16	15	47
Campgrounds (#)	0	0	0	0	0	0
Equipment (#)	4	1	0	10	13	28
Viewing/Hunting Structures (#)	0	0	0	1	0	1
Restrooms (#)	3	0	0	0	4	7

Strategy 7 – Outreach/Communication

Southeast Regional Habitat staff sponsored 2 events and produced/installed/maintained 120 outreach items for constituents.

Strategy 8 – Research, Survey, Data Collection and Analysis

Southeast Region Habitat staff completed 5 wildlife species investigations, 10 habitat data investigations and 1 public use investigation during SFY20. These activities are summarized as follows:

- Conducted waterfowl, upland game, investigations on SWMA
- Conducted grazing habitat assessments on SWMA
- Initiated a wetland review project on SWMA
- Initiated rapid assessment and monitoring protocol for all projects
- Conducted public user investigation at the Edson Fichter Natural Area
- Initiated the installation of a wildlife tracking station at SWMA

Strategy 9 – Stakeholder Involvement

The Southeast Region Habitat staff engaged 33 organizations and 8 individuals on collaborative initiatives and projects with common goals and objectives during SFY20. These activities are summarized as follows:

- Worked with 2 organizations on mule deer habitat restoration planning at GSWMA
- Worked with 7 organizations on weed control project planning
- Worked with 1 organization on citizen science initiatives
- Worked with 15 organizations on Blackfoot River restoration planning
- Worked with 2 organizations on upland habitat restoration at BGCWMA
- Worked with 6 organizations on habitat, transportation and shooting range issues across the region.
- Worked with 3 individuals to manage private inholdings at SWMA
- Worked with 3 individuals to maintain an access easement at PWMA
- Worked with 2 individuals at GSWMA on a share cropping agreement, and boundary fencing

Strategy 10 – Technical Assistance

The Southeast Region's Habitat staff provided technical assistance to 40 individuals, 14 organizations and participated on 12 technical committees during SFY20:

- Provided technical assistance to 40 private landowners wishing to improve habitat for wildlife resources and enhance riparian habitat their property
- Provided technical assistance to 14 organizations pertaining Rasmussen Valley Mine wildlife related issues
- Participated on 12 technical committees working on mining mitigation, freeway median vegetation planning, and management plan revisions

UPPER SNAKE REGION

Strategy 1 – Coordination and Administration

The Upper Snake Region's Habitat Program administers management activities on 5 WMAs, 2 WMUs, 1 WHA, and multiple access areas and 2 easements to provide wildlife habitat, public hunting, and other wildlife-oriented recreation on approximately 92,000 acres (Table 24). The following report section summarizes Regional results for IDFG's FY19 Habitat PR grant.

Regional Habitat Program objectives were achieved during SFY20 with the following Regional staff, which was supplemented with temporary employees and volunteers:

- One Regional Habitat Manager administered the Regional Habitat Program including planning coordination, budgeting, and staff supervision
- Five Regional Habitat Biologists (one assigned to each of habitat districts) implemented program activities at the district level and supervised Senior Wildlife Technicians and seasonal staff
- Two Senior Wildlife Technicians assisted district-level activities and supervised seasonal employees to deliver habitat program objectives on IDFG managed properties
- One Maintenance Foreman and associated seasonal crew assisted with O&M of IDFG facilities and infrastructure

Table 24. IDFG-administered areas within the Upper Snake Region

Area	Abbreviation	Acres
Cartier Slough WMA	CSWMA	1628
Deer Parks WMU	DPWMU	3054
Twin Bridges (Allen) WMU	TBWMU	81
Cartier Habitat Access Areas	None	600
Market Lake WMA	MKWMA	5409
Gem State WHA	GSWHA	70
Mud Lake WMA	MDWMA	11,468
Chilly Slough WHA	CSWHA	1,800
Sand Creek WMA	SCWMA	32,489
Tex Creek WMA	TCWMA	35,218
Winterfeld/Hamilton Easement	None	422
Birch Creek Ranches Easement	None	300

Strategy 2 – Direct Habitat and Species Management

Table 25 summarizes habitat and wildlife species management activities undertaken by the Upper Snake Habitat staff. Major initiatives and ongoing efforts advanced by Upper Snake Regional staff conducted on IDFG-administered lands, other public lands, and private lands within the Upper Snake Region during SFY20.

Table 25. Habitat management activities in the Upper Snake Region

Management Activity	Tex Creek WMA	Market Lake WMA	Cartier Slough WHA	Deer Parks WMA	Mud Lake WMA	Sand Creek WMA	TOTAL
Terrestrial wildlife habitat structures (# structures)	0	0	55	50	45	0	150
Water management structures (# structures)	0	15	1	8	40	0	64
Prescribed fire (acres)	0	0	0	130	20	0	150
Grazing/farm management (acres)	150	166	0	0	20	50	386
Planting/Seeding (acres)	0	0	0	0	0	75	75
Other vegetation management practices (acres)	0	0	0	100	10	0	110
Forest Stand Management	0	0	0	0	0	20	20
Wetland creation and/or management (# acres)	0	0	0	0	150	0	150
Invasive Species Control – Plants (# acres)	500	1,100	400	720	300	80	3,100
Stream modification (# miles)	0	0	0	0	0	0	0

Strategy 3 – Environmental Review

Upper Snake Regional habitat staff reviewed and consulted on 29 proposed projects/plans pertaining to a variety of natural resource project proposals sponsored by the BLM, IDL, USFS, ITD, Counties and private entities.

Strategy 4 – Facilities/Areas Construction, Renovation or Acquisition

- New headquarters house is under construction at TCWMA, expected completion mid-November, 2020

Strategy 5 – Facilities/Areas Operations and Maintenance

Table summarizes facilities/areas operations and maintenance activities conducted in the Upper Snake Region during SFY20.

Table 26. Facilities operated and maintained in the Upper Snake Region

Management Activity (Acres)	Tex Creek WMA	Market Lake WMA	Cartier Slough WHA	Deer Parks WMA	Mud Lake WMA	Sand Creek WMA	TOTAL
Buildings/Structures (#)	8	7	0	7	6	7	35
Roads (mi)	9	1	0	.5	18	5	34
Trails (mi)	2	1	0	16	4	2	25
Maintained Fence (mi)	16	2	0	1	15	10	44

Management Activity (Acres)	Tex Creek WMA	Market Lake WMA	Cartier Slough WHA	Deer Parks WMA	Mud Lake WMA	Sand Creek WMA	TOTAL
Parking Areas (#)	3	7	0	0	2	4	12
Campgrounds (#)	6	0	0	0	0	2	1
Equipment (#)	8	6	0	0	0	6	0
Viewing/Hunting structures (#)	0	1	0	0	0	0	0
Restrooms (#)	0	1	0	0	0	2	1
							28
							9
							32
							1
							4

Strategy 7 – Outreach/Communication

Upper Snake Regional Habitat staff sponsored 11 events and produced/installed/maintained 117 outreach items including informational videos, press releases, presentations and workshops for constituents.

Strategy 8 – Research, Survey, Data Collection and Analysis

Upper Snake Region Habitat staff completed 5 wildlife species investigations, 10 habitat data investigations and 1 public use investigation during SFY20. These activities are summarized as follows:

- Conducted 1 big game migratory investigation on TCWMA
- Conducted 1 shorebird investigations at MKWMA
- Conducted 1 waterfowl investigation at MDWMA
- Conducted 3 upland game bird investigations at SCWMA
- Conducted 2 bio-control weed suppression investigations at TCWMA
- Conducted 1 shorebird habitat investigation at MKWMA
- Conducted 3 sage grouse habitat investigations at MDWMA and SCWMA

Strategy 9 – Stakeholder Involvement

The Upper Snake Region Habitat staff engaged 17 organizations and 10 individuals on collaborative initiatives and projects with common goals and objectives during SFY20. These activities are summarized as follows:

- Worked with 6 organizations on big game habitat and winter ranges issues at TCWMA and SCWMA
- Worked with 6 organizations on weed control project planning and implementation
- Worked with 1 organization on wildlife friendly fence initiative at SCWMA
- Worked with 2 organizations and neighboring individuals on a flood irrigation initiative at MKWMA
- Worked with 3 organizations on conservation planning pertaining to wildlife habitat on private lands

Strategy 10 – Technical Assistance

The Upper Snake Region's Habitat staff provided technical assistance to 200 individuals, 12 organizations and participated on 2 technical committees during SFY20:

- Provided technical assistance to 200 private landowners wishing to improve habitat for wildlife resources and enhance riparian habitat their property
- Provided technical assistance to 12 organizations on issues such as wildlife migration corridors, forest plan revision, residential development, grazing allotments, conservation easement proposals, critical winter range, and watershed restoration initiatives
- Participated on 2 technical committees working on high desert habitat issues and beaver restoration initiatives

SALMON REGION

Strategy 1 – Coordination and Administration

The Salmon Region’s Habitat Program administers management activities on 7 WHAs (back country properties) and one front country access area (Table 27) to provide wildlife habitat and fishing, hunting, trapping, and wildlife viewing opportunity on approximately 900 acres. Salmon regional habitat management activities are coordinated by a Regional Biologist with assistance from temporary employees and volunteers.

Table 27. IDFG-administered areas in the Salmon Region

Area	Abbreviation	Acres
Marble Creek WHA (Backcountry property)	MCWHA	160
Hood Ranch Easement WHA (Backcountry property)	HREWHA	15
Cougar Ranch WHA (Backcountry property)	CORWHA	67
Cameron Ranch WHA (Backcountry property)	CARWHA	151
Lower Loon Creek WHA (Backcountry property)	LLCWHA	113
Mormon WHA & Pole Creek WHA (Backcountry properties)	MWHA/PCWHA	224
Pahsimeroi River Access Area	PRAA	200
Outdoor Classroom	None	4

Strategy 2 – Direct Habitat and Species Management

Due to the inaccessibility of WHAs in the Salmon region, the number of directly manipulated acres is relatively small. The Department collaborates with other state and federal land managers on habitat and wildlife species management activities on IDFG administered lands, private lands and other public lands. Table 28 summarizes habitat management activities conducted on IDFG-administered lands, other public lands, and private lands within the Salmon Region during SFY20.

Table 28. Habitat management activities in the Salmon Region

Management Activity	Pahsimeroi River Access Area	Back Country Habitat Access Areas	Other WHA	Other WHA	TOTAL
Terrestrial wildlife habitat structures (# structures)	0	0	0	0	0
Water management structures (# structures)	0	0	0	0	0
Prescribed fire (acres)	0	0	0	0	0
Grazing/farm management (acres)	7	0	0	0	7
Planting/Seeding (acres)	0.5	0	0	0	0.5
Other vegetation management practices (acres)	.25	.5	0	0	.75

Management Activity	Pahsimeroi River Access Area	Back Country Habitat Access Areas	Other WHA	Other WHA	TOTAL
Forest Stand Management	0	0	0	0	0
Wetland creation and/or management (# acres)	0	0	0	0	0
Invasive Species Control – Plants (# acres)	17	0	0	0	0
Stream modification (# miles)	0	0	0	0	0

Strategy 3 – Environmental Review

Salmon Regional habitat staff reviewed and consulted on 147 proposed projects/plans pertaining to a variety of natural resource project proposals sponsored by the BLM, IDL, USFS, ITD, Counties and private entities. Salmon habitat staff participated in the review of the following resource management issues:

- 110 water right requests reviewed for impacts to fish and wildlife species
- Review approximately 32 livestock grazing related projects on BLM and USFS lands for impacts to wildlife species and sensitive habitats
- Review and participate in project planning for landscape scale invasive weed control, fuels reduction, big game winter range rehabilitation projects with the BLM and USFS
- Provide wildlife centric review for motorized travel management proposals
- Provide wildlife and habitat review to Salmon Challis National Forest Plan revision proposals

Strategy 5 – Facilities/Areas Operations and Maintenance

The Salmon region WHAs and PRAA have a variety of facilities and associated equipment. However, they are moderate in number in comparison to the number of properties due to the lack of roads on the WHAs and the resulting need for all items to be flown into the property via helicopter or plane. Table 29 outlines the facilities and areas operated and maintained by the Salmon Region during the SFY20 reporting period.

Table 29. Facilities operated and maintained in the Salmon Region

Feature	PRAA	Back Country Habitat Access Areas	Other WHA	TOTAL
Buildings/Structures (#)	1	2	0	3
Roads (mi)	0	0	0	0
Trails (mi)	0	3	0	3
Maintained Fence (mi)	3	5	0	8
Parking Areas (#)	1	0	0	1
Campgrounds (#)	1	0	0	1
Equipment (#)	0	5	0	5
Viewing/Hunting Structures (#)	0	0	0	0

Feature	PRAA	Back Country Habitat Access Areas	Other WHA	TOTAL
Restrooms (#)	1	5	0	6

Strategy 7 – Outreach/Communication

Salmon Regional Habitat staff sponsored 8 events and produced/installed/maintained 19 outreach items including signage, presentations and workshops for constituents.

Strategy 8 – Research, Survey, Data Collection and Analysis

Salmon Region Habitat staff managed 3 databases, completed 3 wildlife species investigations, 1 habitat data investigations and 2 public use investigation during SFY20. These activities are summarized as follows:

- Managed 3 data bases pertaining to trail condition, site use and infrastructure status
- Conducted 3 wildlife species investigations using trail camera methodology
- Conducted 1 habitat investigation pertaining to herbicide treatment effectiveness
- Conducted 2 public use investigations at PRAA and BCHA's

Strategy 9 – Stakeholder Involvement

The Salmon Region Habitat staff engaged 16 organizations and 1 individual on collaborative initiatives and projects with common goals and objectives during SFY20. These activities are summarized as follows:

- Worked with 3 organization on backcountry aviation issues
- Worked with 3 organizations and 1 individual on backcountry trail maintenance
- Collaborated with 7 organizations on Salmon River Breaks big game habitat issues
- Worked with 3 organizations on noxious weed control efforts across the region

Strategy 10 – Technical Assistance

The Salmon Region's Habitat staff provided technical assistance to 4 individuals, 2 organizations and participated on 2 technical committees during SFY20.

- Provided technical assistance to 4 private landowners wishing to improve habitat for wildlife resources and enhance riparian habitat their property
- Provided technical assistance to 2 organizations on issues related to fuels reduction, grazing management, rangeland rehabilitation, motorized vehicle access, beaver dam analogs, aspen management, noxious weeds
- Participated on 2 technical committees working on weed management, and aspen habitat issues

If the work in this grant was part of a larger undertaking with other components and funding, present a brief overview of the larger activity and the role of this project.

NA

Describe how objectives were met:

Described in above report.

Discuss differences between work anticipated in grant proposal and grant agreement, and that actually carried out with WSFR grant funds; include differences between expected and actual costs

Some objectives were achieved to a greater or lesser degree than anticipated when the grant was written, e.g. project acre differences, number of reviews or technical assistance differences, number of investigation differences. These differences are often the result of opportunities that become available or the result of work schedule or environmental conditions allowing unanticipated levels of work. However, even with differences in objective numbers, no substantial differences occurred in achieving the overall objectives of the statewide habitat program.

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

Reports

- Murphy, C. 2019. A rapid assessment method for Idaho's river and large stream riparian and floodplain ecosystems. Prepared for US Environmental Protection Agency, Region 10, Wetland Program Development Grant. Idaho Department of Fish and Game, Wildlife Bureau, Boise, ID. 11 pp. plus appendices.
- Murphy, C. and S. Knetter. 2019. Idaho's floodplain cottonwood forests: Extent and condition of current and future habitat—Implications for conservation and restoration. Prepared for US Environmental Protection Agency, Region 10, Wetland Program Development Grant. Idaho Department of Fish and Game, Wildlife Bureau, Boise, ID. 78 pp. plus appendix.
- Pekas, K.M., J. Lichthardt, and J. Hill. 2020. Conservation of Palouse and Canyon Grasslands in Nez Perce County, Idaho. Phases 2 and 3: Landowner Contact and Site Assessments. Idaho Department of Fish and Game, Boise.
- Co-authored: Jenkins, D., F. Cassirer, T. Ball, K. Lunsford, L. Kinter, and J. Lichthardt. 2020. Baseline Report for the Ten Mile Creek Ranch Conservation Easement. Idaho Department of Fish and Game, Boise.

Reports in progress

- Kinter, C.L., J.J. Miller, and C.C. Matheny. 2020. Vegetation Assessment for a Conservation Easement Baseline at Ten Mile Creek Ranch, Nez Perce County, Idaho. Idaho Department of Fish and Game, Boise.

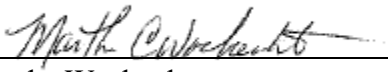
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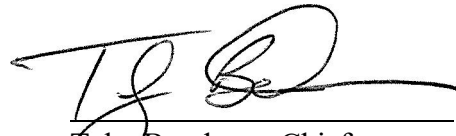
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Submitted by: IDAHO DEPARTMENT OF FISH AND GAME

Approved by:



Martha Wackenhut
Federal Aid Coordinator



Toby Boudreau, Chief
Bureau of Wildlife

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.

