

U.S. Fish & Wildlife Service

Division of Wildlife & Sport Fish Restoration Program

Project Leaders Course

Workbook



THIS PAGE LEFT INTENTIONALLY BLANK

Agenda.....	1
Goals and Objectives.....	2
Pre-Award: Project Statement Development	3
Compliance.....	4
Pre-Award: The Grant Application Package.....	5
Award: Notice of Award.....	6
Post Award: Implementation, Managing & Monitoring....	7
Post Award: Reporting Requirements.....	8
Grant Closure.....	9
Post Closure: Ongoing Responsibilities.....	10
Program Quick Reference Sheets.....	11

THIS PAGE LEFT INTENTIONALLY BLANK

TAB 1

Project Leaders Course
Wildlife and Sport Fish Restoration
National Training Program

Day One

MORNING SESSION

- 8:30 a.m. Welcome/Introductions/Getting Acquainted – Unit 1
- Goals and Objectives – Unit 2
- Pre-requisite Review
- Pre- Award: Project Statement Development and Review – Unit 3

LUNCH

AFTERNOON SESSION

- Pre- Award: Project Statement Development and Review (continued)
- Compliance – Unit 4
- Pre- Award: The Grant Application Package – Unit 5
- 5:00 p.m. Adjourn

Day 2

MORNING SESSION

- 8:00 a.m. Review Day 1/Preview Day 2
- Award: Notice of Award – Unit 6
- Post Award: Managing and Monitoring – Unit 7
- Post Award: Reporting Requirements – Unit 8

LUNCH

AFTERNOON SESSION

- Grant Closure – Unit 9
- Post Closure: Ongoing Responsibilities – Unit 10
- Parking Lot / Discussion
- Wrap-Up/Post Course Survey
- 3:00 Adjourn

TAB 2

Goals and Objectives

Welcome to USFWS – Wildlife and Sport Fish Restoration (WSFR) National Training Program. The goal of the National Training Program is to:

Provide a systematic and ongoing national training program to develop basic and specialized grants management knowledge and skills that result in the consistent and sensible application of regulations, processes, and decisions in the grant programs administered by WSFR.

The purpose of the **Project Leaders Course** is to increase the effectiveness of project leaders in developing and managing projects funded through the grant programs.

Course Objectives

Increase Project Leaders knowledge, skills, and/or abilities in

1. Writing project statements (narratives)
2. Compliance requirements, especially NEPA and Section 7
3. Writing/submitting performance reports
4. Grant cost accounting processes
5. Communicating, and coordinating with individuals/agencies involved with WSFR grant programs

Handouts:

- 2-1 E-Learning Evaluation Questions

THIS PAGE LEFT INTENTIONALLY BLANK

E- Learning Evaluation Questions

Select all correct answers for each question. More than one answer may apply.

- 1) The source of revenue for the Wildlife Restoration Trust Fund is generated through a federal excise tax placed on which of the following items?
- A. Sporting arms and ammunition
 - B. Pistols, handguns and revolvers
 - C. Bows, archery and arrow components
 - D. All of the above

Answer D

- 2) Which of the following activities are eligible for funding through the programs supported with the Wildlife Restoration Trust Fund?
- A. Projects for the conservation of wild birds, mammals and their habitat
 - B. Projects for education of hunters and development of shooting ranges
 - C. Projects for the conservation of reptiles and amphibians

Answer A and B.....wild birds and mammals are the only animals eligible for Wildlife Restoration funding. Hunter Education activities including shooting range construction and maintenance became eligible in 1972 when handguns and revolvers were added to the items being taxed.

- 3) Which of the following broad categories of activities are **not** eligible for Wildlife and Sport Fish Restoration funding?
- A. Projects with a major emphasis on law enforcement
 - B. Projects with the main purpose of producing revenue
 - C. Public relation activities promoting a state fish and game agency
 - D. All of the above

Answer D.....law enforcement, revenue producing, and public relation activities are not eligible for funding.

- 4) What are the factors in the distribution formula of Wildlife Restoration funds to the states?
- A. The state's overall population in proportion to the overall U.S. population
 - B. The number of hunting licenses sold annually in proportion to the national total
 - C. The total square miles of a state's land and inland waters in proportion to the national total
 - D. The square miles of a state's land available for public use

Answer B and C

- 5) Which of the following indicates the required minimum state share of Wildlife and Sport Fish Restoration grant project costs?
- A. 50%
 - B. 75%

- C. 65%
- D. 25%

Answer D.... The state is required to provide 25% match for project costs.

- 6) Who was the author of the Wildlife Restoration legislation bill?
- A. Senator Key Pittman
 - B. Representative Willis Robertson
 - C. Representative John Dingell
 - D. Carl Shoemaker

Answer DPittman and Robertson sponsored the bill but did not write it. John Dingell was one of the sponsors of the Sport Fish Restoration Act.

- 7) Which following statement is not fully in compliance with assent legislation?
- A. Must restrict control and use of a state's hunting and fishing license revenue solely for the administration of the state fish and game agency
 - B. Must restrict a state's hunting and fishing license revenue solely for fish and wildlife management projects

Answer B..... assent legislation requires that license revenue be restricted to control by the state fish and game agency and be used only for its administration.

- 8) What are the factors in the distribution formula of Sport Fish Restoration funds to the states?
- A. The state's overall population in proportion to the national total
 - B. The number of fishing licenses sold annually in proportion to the national total
 - C. The total square miles of a state's land, inland and coastal waters in proportion to the national total
 - D. The square miles of a state's land and waters available for public use

Answer B and C

- 9) Which of the following is a source of revenue for the Sport Fish Restoration and Boating Trust Fund?
- A. A federal excise tax on fishing tackle
 - B. Import duty on recreational boats
 - C. A portion of marine fuel tax revenue
 - D. All of the above

Answer D

- 10) Which of the following answers are requirements of the Sport Fish Restoration Program?
- A. Each state must obligate at least 15% of its annual Sport Fish apportionment on Boating Access projects
 - B. Each state is limited to spend no more than 15% of its annual Sport Fish apportionment on Boating Access projects
 - C. Each state must obligate at least 15% of its annual Sport Fish apportionment on Aquatic Education projects
 - D. Each state may obligate no more than 15% of its annual Sport Fish apportionment on Aquatic Education projects

Answer A and D.... 15% annual minimum spending requirement is mandated for Boating Access projects (although this is combined with all other states in the federal region and averaged over 5 years). A 15% maximum restriction is placed on annual Sport Fish Restoration apportionments for Aquatic Education spending. There is no minimum required spending on Aquatic Education.

- 11) The State Wildlife Grant Program provides funding for which of the following group of animals?
- A. Only animals on the endangered species list
 - B. Only non-game (not hunted or fished) species
 - C. Species of greatest conservation need

Answer C....State Wildlife Grant funds may include endangered species but are not exclusively for endangered species. The State Wildlife Grant program does not exclude projects that benefit species that are hunted or fished.

- 12) Which of the following indicates the required state share of costs for **implementation** projects funded with State Wildlife Grant funds (as of October 1, 2010)?
- A. 30%
 - B. 75%
 - C. 35%

Answer C

GMP Questions

Pre-Award Review Questions:

Whose responsibility is it to review project information on NEPA, Sec 7 of the Endangered Species Act and the Historic Preservation Act and make final determinations for compliance? (B)

Whose responsibility is it to review and approve a grant proposal? (B)

Award Review Questions

Whose responsibility is it to distribute terms and conditions of the Award letter to state project leaders and staff? (A)

Whose responsibility is it to obligate the federal authorized amount of funds? (B)

Post Award Review Questions

Whose responsibility is it to conduct activities to accomplish grant objectives? (A)

Whose responsibility is it to monitor sub-grantee activities? (A)

Award Close-Out Review Questions

Whose responsibility is it to provide final performance and financial reports? (A)

Whose responsibility is it to officially record the final financial report and close out the grant? (B)

Post Close-Out Review Questions

Whose responsibility is it to maintain management control of WSFR acquired real property assets? (A)

Whose responsibility is it to provide program accomplishments to interested parties? (C)

Answer Key

(A) - Grantee (State agency)

(B) - Federal Awarding Agency (WSFR)

(C) - Both parties

TAB 3

Objectives:

1. Identify and explain the components of the project statement/narrative
2. Determine if the proposal is substantial in character and design
3. Determine if the project statement/ narrative meets minimum requirements
4. Determine if enough information is included in project statement to satisfy NEPA and Section 7 compliance requirements

Handouts:

- 3-1 Best Management Practices for Writing Project Statements
- 3-5 Project Writing Scenario
- 3-7 Project Statement Template
- 3-9 Project Statement Peer Review
- 3-11 Wildlife TRACS Action levels
- 3-37 Sample Fish Hatchery Project Statement
- 3-49 Sample Wildlife Research Project Statement
- 3-61 Sample TRACS Project Statement

Project Statement Overview

A project statement identifies the need and describes the work to be done. It is required for each project to be funded in a grant. Grantees may use their own format for the project statement/narrative or use the TRACS system. Project statements must contain all elements required in the program guidance.

Competitive grant programs contain additional requirements used to evaluate and rank grant applications. Specific program guidance should be reviewed for ranking criteria.

Required Elements of a Project Statement (50 CFR 80.82)

- NEED
- PURPOSE and OBJECTIVES
- EXPECTED RESULTS or BENEFITS
- APPROACH
- USEFUL LIFE (\$100,000)
- GEOGRAPHIC LOCATION
- PRINCIPAL INVESTIGATOR (if research)
- PROGRAM INCOME
- BUDGET NARRATIVE (costs by project & subaccount)
- MULTIPURPOSE PROJECTS (benefits multiple programs)
- RELATIONSHIP TO OTHER GRANTS
- TIMELINE
- GENERAL



Exercise: Substantial in Character and Design

Read **50 CFR 80.56** at bottom of this page and be prepared to discuss substantiality in character and design.

1. Define substantial in character and design.

See **50 CFR 80.56 a – d.** d may be the biggest issue. Grant reviewers are familiar with big picture costs. Even though 50 CFR 80.56 is for WR/SFR this same guidance is applied to all WSFR grant programs.

2. What documents are reviewed to determine if the grant application is substantial in character and design?

Generally the project statement and budget information (estimated cost). However, depending on the grant program and type of project other documents may be reviewed as required in **522 FW 1.4 and 1.7** and **522 FW 3 through 15.**

3. Who has ultimate responsibility to determine if a project is substantial in character and design?

WSFR. Grantees decide how money is used but must document substantiality of character and design to reasonable satisfaction of WSFR.

§ 50 CFR 80.56 How does a proposed project qualify as substantial in character and design?

A proposed project qualifies as substantial in character and design if it:

- (a) Describes a need consistent with the Acts;
- (b) States a purpose and sets objectives, both of which are based on the need;
- (c) Uses a planned approach, appropriate procedures, and accepted principles of fish and wildlife conservation and management, research, or education; and
- (d) Is cost effective

Required Elements of a Project Statement

Need

- Explain why the project is necessary and how it fulfills the purposes of the relevant Act
- Identify the conservation issue, problem or opportunity the project will address
- Evidence of the need (Wildlife Action Plan, surveys)
- Articulate the null alternative...the negative result of taking no action
- When you think you have identified the need (ie...build a boat ramp)...then ask why you need to build a boat ramp.

Purpose and Objectives

- Base purpose and objectives on the need
- Purpose states desired outcome in general
- Objectives state desired outcome that are specific and quantified
- What benchmarks must be achieved to meet the need?
- Objectives are written in an active tense and use action verbs such as construct, survey, train, research, establish, repair, conduct, provide, restore, acquire.
- Objectives should be (SMART) **S**pecific, **M**easurable, **A**chievable, **R**elevant and **T**ime bound

Notes:

Required Elements of a Project Statement (cont'd)

Approach

- The approach describes the specific conservation actions or efforts necessary to accomplish project objectives. The approach answers the question “how” the objectives will be accomplished by describing the actual work that will be done. This information must demonstrate that the agency will use accepted fish and wildlife conservation, management, or research principles
- Name key project staff
- Include essential equipment purchase information
- Include specific management actions that will be taken that require compliance with NEPA, Sec 7 and NHPA
- WSFR encourages using the Wildlife TRACS Action Level classification system (handout # 3-11).

Expected Results/Benefits

- Specify the benefits of completing the project and resolving the need for a variety of individual interests.
- Benefit to resource, users, economy, society

Costs by Project and Subaccount

- Appraised value of land if project is for a land acquisition
- Costs for services associated with the project
- List and describe the type and amount of pre-agreement costs, if applicable
- List and describe all funding sources including Federal, State and private amounts and the type of **match** including cash, bargain sale and in-kind services
- Cost at WSFR grant subaccount level and project level

TRACS Generated Project Statement

- Populate data fields for Project Statement Form
- Project statements can be bundled into a PDF for submission with Grant Application Packet using current Regional process
- See handout # 3-61



50 CFR Part 80.82 | Notice of Availability

Writing Competitive Project Statements/Narratives

- Follow guidance carefully and be aware of critical dates
- Make it visually easy to read and to find required elements of a project statement
- Address ranking criteria and understand how your application will be evaluated against the criteria
- Maximize federal share by including partners and/or in-kind match
- Be concise but complete. Limit number of pages; include appendices and attachments only as necessary
- Professionally written – grammar, spelling, sentence structure and avoid using jargon unless useful and necessary
- Number the pages, use standard fonts and font sizes, omit fancy binders and tabs
- Indicate if partial funding is acceptable (usually for competitive grants)
- Submit a complete grant package
- Communicate with the Regional Office Grant Specialist prior to and during grant application process

Notes:

**Exercise: Prepare a Project Statement that is Substantial in Character and Design**

1. Instructions: Use reference materials (**handouts 3-1, 3-5, 3-7, 3-9, 3-11**)
2. Work in assigned teams
3. Review the scenario in handout 3-5
4. Use the project statement guidelines in handout 3-1 to help draft a project statement for a WSFR project that will address the scenario in 3-5.
5. Use the project statement template (handout 3-7) to prepare your project statement. You have 1 hour (more or less) to complete this task.
6. Each team should select someone to serve as timekeeper/facilitator and another person to serve as official recorder.
7. After one hour (more or less) you must submit your project statement to another team.
8. Each team will review the project statement submitted to them and determine if it is substantial in character and design. Use handout 3-9 to record the results of your review.
9. Each team will select a spokesperson to provide a brief oral report on the results of your review.



Learning Points

- ✓ The required elements of a project statement are need, objectives, expected benefits/results, approach, location, and cost
- ✓ Need must be a need relevant to the Act
- ✓ Objectives must be based on need
- ✓ Objectives must be SMART (verifiable and measurable)
- ✓ The approach describes the actions to be taken to accomplish the objective(s)
- ✓ Approach must include adequate information for WSFR Regional Office to document and make determinations for NEPA and Section 7
- ✓ Approach should include key personnel
- ✓ Project must use accepted conservation and management principles and appropriate procedures
- ✓ Benefits must be commensurate with project costs
- ✓ Different types of projects or grants may have different requirements in order to be “substantial in character and design”
- ✓ Understand and address ranking criteria when writing project statements or narratives for competitive grant programs

THIS PAGE LEFT INTENTIONALLY BLANK

Best Management Practices for Writing a Project Statement that is Substantial in Character and Design

For a project to be substantial in character and design it must; 1) address a conservation need relevant to the authorized funding program; 2) have measurable objectives that establish benchmarks that will resolve the need for the project if achieved; 3) specify the sound management actions, tasks or efforts to be undertaken to achieve the objectives and; 4) demonstrate cost effectiveness. It is all about connecting the dots or following a logical process from establishing the need for the project down to describing the work to be done in a sound, cost effective manner.

Need

A need statement will identify the conservation issue, problem or opportunity to be addressed. The need will identify a lack of something such as habitat or an opportunity to provide something such as access to wildlife dependent recreation. The need may in the form of some pending threat to the resource. The need must be relevant to the purpose of the Act or enabling legislation that authorized the program.

A need statement will answer why your agency should deal with this issue or opportunity (your statutory authority)?

A need statement will provide evidence such as results from surveys, research or other data to demonstrate that the need is real and not perceived.

A need statement will articulate the null alternative (the negative result of taking no action).

Objectives

Objectives are meant to be realistic targets or benchmarks that, if achieved, will resolve the project Need. Objectives are written in an active tense and use action verbs such as construct, survey, train, research, establish, repair, conduct, provide, acquire.

SMART Objectives are:

Specific-Specify exactly what the desired outcome, result, output or deliverable will be. Say what you are going to do by using action verbs. A smart objective will describe a result in terms of who or what?

Measurable- You need to be able to track progress and measure the outcome using quantitative or qualitative assessments. A smart objective will answer how much or how many?

Achievable-All the necessary resources (money, time, equipment, and labor) should be available to accomplish the objective. A smart objective will consider capabilities.

Relevant- How does the objective directly relate to the stated need? A smart objective will demonstrate that if it is accomplished the need will be resolved.

Time bound- Establish a deadline. A smart objective will include a time limit and answer “by when” the result will be achieved?

Objective Template

(Action verb?) _____ (how many?) _____ (who or what?) _____ (by when?) _____.

Filling in the blanks:

(Action verb?) : Train

(How many?) 150

(Who or what?): Instructors (in this case Volunteer Hunter Education Instructors)

(By when?): June 30, 2017.

Putting it all together:

Train 150 instructors by June 30, 2017.

Objective Examples:

Not SMART: Conduct as many boating safety education courses as possible as soon as possible.

SMART: Conduct 30 training events by June 30, 2017.

Not SMART: Maintain all of the agencies fish hatcheries in order produce sport fish species for stocking in statewide public waters.

SMART: Operate and maintain 4 facilities by June 30, 2017.

Not SMART: Increase grassland habitat in the state this year.

SMART: Directly manage 1200-1500 acres June 30, 2017.

Approach

The approach describes the specific conservation actions or efforts necessary to accomplish project objectives. The approach answers the question “how” the objectives will be accomplished by describing the actual work that will be done. This information must demonstrate that the agency will use sound design, appropriate procedures, and accepted fish and wildlife conservation, management, or research principles. Include the name of the Principal Investigator for research projects and other key project staff. Include essential equipment purchases and specific management actions that will be taken that require compliance with NEPA, Sec 7 and NHPA. WSFR encourages using the **Wildlife TRACS Action Level spreadsheet** to classify each action.

Example:

Action #1.

- Level 1 Action Category: Direct Management of Natural Resources
- Level 2 Action Strategy: Fish and Wildlife Habitat Structures
- Level 3 Action Activity (optional unless education or boat access project): Nesting habitat improvements

Provide a narrative description of each action after completing the three level classifications.

Expected Results and Benefits

The expected benefits and results will specify the benefits of completing the project and resolving the need for a variety of individual interests. The expected benefits will answer the question....If successful at resolving the need, what will be the benefit to the:

Resource? _____

User? _____

Economy? _____

Society? _____

Costs by Project and Subaccount

Provide costs by project and subaccount with additional information sufficient to show that the project is cost effective. Cost effectiveness can be evaluated by comparing total project cost with the expected results and benefits for the project. Describe any item that requires the Service's approval and estimate its cost. Examples are pre-award costs and capital expenditures for land, buildings, and equipment. Include a schedule of payments to finish the project if an agency proposes to use funds from two or more annual apportionments.

Project Writing Scenario

The U.S. island state of Retreat is the second largest of all U.S. islands at 3200 square miles. The state capital city of Haven is the only major urban area on the island.

The year round resident population of the island is 750,000. Over the last two decades travel and tourism has dramatically increased on the island as the world has come to learn of the limitless opportunities that exist for outdoor recreation in Retreat. An increase in hunting participation has coincided with the rapid increase of non-native residents and tourists to the island.

As hunting participation has increased, hunting incidents have escalated at alarming rates. In 2015, local law enforcement officials reported 42 hunter incidents, six of which were fatalities. Eleven of the incidents were self-inflicted. Hunter safety certification has never been mandatory to purchase a hunting license in the state of Retreat until recent action by the state legislature.

2015 % incidents committed by:
Non-resident 61%
Residents 39%
Less than 25 years age 18%
26-45 years age 44%
46-65 years age 28%
66 years and up 10%

Equipment used (2015)
Rifle 30
Shotgun (shell) 8
Shotgun (slug) 3
Bow 1

Species pursued when incident occurred in 2015
Deer 24
Turkey 8
Feral pigs 8
Other 2

of incidents caused by: (2015)
Unsafe gun handling: 22
Failure to properly identify target and what lies beyond: 12
Failure to establish safe shooting zone: 8

This year the Retreat state legislature passed a bill requiring the Fish and Game Department to implement a hunter safety certification requirement for hunters to be eligible to purchase a hunting license regardless of age or prior experience. In response to this situation the Fish and Game Department Director has issued a directive to his staff to develop and implement a mandatory hunter education program by December 31, 2016 that will:

- Reduce the number of hunting and shooting related injuries and fatalities to a level below the national average of 6.1 incidents / 100,000 participants within 5 years.
- Sustain or increase hunting participation rates
- Be readily available for tourists or others needing a course on demand
- Serve as a recruitment tool for youth and first time hunters
- Use volunteers as instructors to minimize the match the State must provide from direct expenditures
- Include outreach and communication with interested stakeholder groups as a core element of the program.

Additional Information

- Retreat's Hunter Education (WSFR) apportionment for the current year is \$450,000 with another \$400,000 available from last year's apportionment.
- A Hunter Education Coordinator is currently the only staff person working full-time on Hunter education. Each of the 3 regional offices provides limited staff time to assist in the program.

Exercise

Review the project statement guidelines (handout 3-1) and use the project statement template (handout 3-7) to write a project statement for a WSFR grant to address the hunter education initiative proposed by the new Fish and Game Department Director for the State of Retreat. Your project statement will be reviewed by another team to determine if it is substantial in character and design.

Helpful Hints:

- Each team should select a member to serve as facilitator/timekeeper
- Each team should select a member to record the official team project statement
- Each team should select a member to be the spokesperson to share the results of your review of another teams project statement

Project Statement Template

Need:

What is the conservation issue, problem or opportunity? Why is your agency doing this? Reference any supporting evidence. What is the Null Alternative? When you think you have identified the need (build a boat ramp)... ground truth it by asking why you need to build it?

Objectives:

1. (Action verb?) _____ (how many?) _____
(who or what?) _____ (by when?) _____

2. (Action verb?) _____ (how many?) _____
(who or what?) _____ (by when?) _____

Approach:

Describe the specific conservation actions or efforts necessary to accomplish project objectives. Include specific management actions that will be taken that require compliance with NEPA, Sec 7 and NHPA

Action #1 (which project objective does this address?) # _____

- Level 1 Action Category: _____
- Level 2 Action Strategy: _____
- Level 3 Action Activity: _____

Provide a brief narrative description of the action _____

Action #2 (which project objective does this address?) # _____

- Level 1 Action Category: _____
- Level 2 Action Strategy: _____
- Level 3 Action Activity: _____

Provide a brief narrative description of the action _____

Name principal investigator if a research project _____

Include essential equipment purchases information _____

Expected Results and Benefits

List the benefit to the:

Resource _____

User _____

Economy _____

Society _____

Budget Narrative:

List costs by Project and Subaccount. List and describe all funding sources including Federal, State and private amounts and the type of match including cash, bargain sale and in-kind services.

Project Statement Peer Review

Exercise: Review the project statement provided. Check the box if each element meets criteria of 50 CFR 80.56. Prepare comments on this sheet to record the strengths, weaknesses and suggested improvements for the elements of the project statement listed below. Determine if the project meets criteria for Substantiality in Character and Design.

Need: (Relevant to the act, provides supporting evidence and a null alternative?)

Strengths:

Weaknesses:

Suggestions:

Objectives: (Specific, Measurable, Achievable, Relevant, Time bound? If accomplished, likely need will be met, problem solved or opportunity realized?)

Strengths:

Weaknesses:

Suggestions:

Approach: (Describes the specific conservation actions or efforts necessary to accomplish project objectives? Uses sound science or accepted management principles of fish and wildlife conservation?)

Strengths:

Weaknesses:

Suggestions:

Expected Results and Benefits: (Demonstrates realistic benefits to the resource, user, economy and society? A worthy investment considering cost?)

Strengths:

Weaknesses:

Suggestions:

Budget Narrative: Cost by project and subaccount: (Cost effective when considering expected results?)

Strengths:

Weaknesses:

Suggestions:

Project meets criteria for substantiality in character and design as written?

Yes _____ No _____ Yes, with revisions _____ (please state necessary revisions)

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes		
Project Categories	Category	Strategy	Activity	Units			
Administration and/or Conservation / Management and/or Recreation	Coordination and Administration	Coordination and Administration		Number	Coordination and administration necessary for effective agency operations and program/project management		
			Agency administrative support	Number	Administration necessary for effective agency operations (e.g., acquisition of goods and services, human resources tasks)		
			Program/project administrative support	Number	Administration necessary for effective program/project management (e.g., staff support and training, monitoring progress of grant proposal and reporting processes)		
		Incentives	Incentives	Number	Development and delivery of economic incentives to private landowners to influence responsible stewardship of land/water and specific species		
	Direct Management of Natural Resources						
				Create new habitat or natural processes		Acres	Creation of new habitat or natural processes for the benefit of fish and wildlife and recreational users
					Habitat conversion	Acres	Conversion of one type of habitat into another (e.g., creating bottomland forest from agricultural land, wetland creation) Note: Forest and wetland would be the appropriate broad habitat types to code for these two examples
					Public fishing lake construction	Acres	Construction of new public fishing lakes
					Waterfowl impoundment creation	Acres	Creation of shallow water impoundments for the primary benefit of waterfowl
				Dam and barrier removal		Structures	Removal of barriers to maintain aquatic species populations and restore ecological functions in streams (e.g., dam or dike removal, notching of dams)
					Culvert work	Structures	Replacement or repair of road culverts (e.g., installing larger culvert, eliminating perching)
					Dam notching	Structures	Removal of portions of dams for increased flow

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
			Dam removal	Structures	Removal of entire dams	
			Road crossing removal	Structures	Removal of in-stream road crossings	
			Obstruction removal	Structures	Removal of other obstructions (e.g., beaver dams)	
		Fire management			Acres	Use of fire to benefit fish and wildlife and their habitats
			Firebreak	Acres	Creation or maintenance of a strip of cleared or plowed land used to stop the spread of a fire	
			Fuel reduction	Acres	Application of treatments to reduce the risk of high-severity wildfires and to manage changes in the ecological functions of forests (e.g., mechanical thinning)	
			Prescribed burning	Acres	Application of fire in a knowledgeable manner to forest fuels on a specific land under selected weather conditions to accomplish predetermined, well-defined management objectives (e.g., burning an established native grass community to reduce or eliminate invading brush or exotic species)	
		Fish and wildlife habitat structures			Structures	Installation of structures to benefit fish and wildlife and their habitats
			Artificial reef development	Structures	Development of artificial reefs in freshwater or marine environments for aquatic species spawning, foraging and refugia	
			Hibernacula	Structures	Creation or improvement of overwintering sites	
			Nesting habitat improvements	Structures	Installation of nesting structures (e.g., wood duck boxes, osprey platforms)	
			Wildlife escape structures	Structures	Installation of structures that allow wildlife to escape from man-made devices placed in the environment (e.g., ramps that allow sage grouse to escape from livestock watering troughs)	
					Acres	Improvements to agricultural practices to benefit fish and wildlife and their habitats
			Alley cropping/silvopasture	Acres	Methods of planting in which perennial, preferably leguminous trees or shrubs, are grown simultaneously with an arable crop	

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
		Grazing/farm management	Farming residue management	Acres	Use of vegetative crop material left on a field after harvesting, pruning or processing to benefit wildlife and soil quality	
			Forage use management	Acres	Management of timing and duration of grazing to maintain adequate cover for range health and nesting success (e.g., establishment of rotational grazing system to improve grassland nesting bird habitat)	
			Livestock heavy use area establishment	Acres	Provision of stable, non-eroding surfaces for areas intensively used by livestock to protect and improve water quality	
			Livestock stream crossing	Acres	Installation of structures that allow livestock to cross a stream in a safe and environmentally sound manner (e.g., fords, culverts, bridges)	
			Nutrient or runoff management system	Acres	Application of techniques to minimize nutrient runoff from agricultural operations	
			Riparian fence installation	Acres	Installation of fences along riparian areas to keep out livestock	
			Waste storage/treatment	Acres	Management of on-farm generated wastes in an environmentally responsible manner (e.g., liquid retention and storage ponds, anaerobic waste treatment lagoons)	
		Hazard or infrastructure removal			Acres	Removal of hazards or infrastructure to benefit fish and wildlife and their habitats
			Building removal	Acres	Removal of buildings to improve habitat for wildlife	
			Degraded land reconstruction	Acres	Reconstruction of degraded land to benefit wildlife (e.g., abandoned mine area recovery, deleveling)	
			Derelict gear (net/pot) removal	Acres	Removal of derelict fishing gear from waters to prevent continued capture of aquatic species (e.g., fishing nets, fish/crab pots)	
			Pavement removal	Acres	Removal of pavement to improve habitat for wildlife (e.g., roads, airplane runways)	
			Pier/dock removal	Acres	Removal of piers or docks to improve aquatic habitats	

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
			Shoreline armoring removal	Acres	Removal of shoreline armoring to improve aquatic habitats (e.g., jetties, riprap)	
			Solid waste removal	Acres	Removal of solid waste to improve habitat for wildlife (e.g., derelict vehicles, rubbish)	
		Instream modification			Miles	Stream improvements to benefit fish and wildlife and their habitats
			Channel reconfiguration	Miles	Restoration of natural stream channel (e.g., returning meanders and sustainable profiles to straightened streams, sandbar improvement)	
			Channel structure placement	Miles	Placement of structures within streams to restore natural characteristics (e.g., cross vanes, boulders)	
			Nutrient improvement	Miles	Application of nutrients to improve water quality of fish and wildlife (e.g., liming of streams, carcass placement)	
			Spawning by-pass channels	Miles	Construction of side channel fish spawning and rearing habitat	
			Spawning gravel placement	Miles	Addition of gravel to streams to improve spawning areas	
			Streambank stabilization	Miles	Stabilization of streambanks (e.g., bank armoring, bank bioengineering)	
		Invasive species control			Acres	Control of invasive animal and plant species to maintain native species populations and restore ecological functions
			Animal - biological	Acres	Control of invasive animal species by biological means (e.g., introducing predators to control invasive animal species)	
			Animal - chemical	Acres	Control of invasive animal species by chemical means (e.g., piscicide treatment of sea lamprey in inland waters)	
			Animal - mechanical	Acres	Control of invasive animal species by mechanical means (e.g., constructing a barrier in a stream to prevent entry of invasive fish species)	
			Plant - biological	Acres	Control of invasive plant species by biological means (e.g., using beetles to control purple loosestrife)	

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
			Plant - chemical	Acres	Control of invasive plant species by chemical means (e.g., herbicide treatment of invasive plant species)
			Plant- mechanical	Acres	Control of invasive plant species by mechanical means (e.g., hand pulling of invasive plant species)
		Living shorelines		Acres	Physical manipulation in shoreline areas to maintain fish and wildlife habitats and/or restore ecological functions
			Beach renourishment	Acres	Placement of sand onto beaches and employing other techniques for their renourishment
			Erosion control structures	Acres	Installation of hard structures (e.g., seawall bulkhead) or living structures (e.g., greenwall systems) to control erosion
			Sand dune restoration	Acres	Application of techniques to restore sand dunes (e.g., fencing off sea-grass areas)
		Planting/seeding		Acres	Planting or seeding to maintain fish and wildlife habitats and/or restore ecological functions
			Coral	Acres	Application of techniques to reestablish coral reefs
			Field border/hedgerow	Acres	Maintenance or establishment of edge between two vegetation types
			Food plots	Acres	Planting crops specifically as food for wildlife
			Herbaceous vegetation	Acres	Planting/seeding of grasslands
			Mulching	Acres	Application of organic materials to enrichment and protect soil
			Plant propagation/nursery	Acres	Use of nurseries to raise plants for habitat improvement
			Submerged aquatic vegetation	Acres	Restoration of vegetation that lives at or below the water surface
			Trees/shrubs	Acres	Planting trees or shrubs
			Vegetation buffer	Acres	Maintenance or establishment of strips of land with permanent vegetation to intercept stormwater runoff and minimize soil erosion
			Woody debris	Acres	Placement of limbs, bush, trees and stumps to improve habitat
				Acres	Physical manipulation of vegetation to maintain fish and wildlife habitats and/or restore ecological functions

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes		
		Vegetation management	Chaining	Acres	Dragging heavy chains to remove unwanted vegetation		
			Clearing and snagging	Acres	Use of varied techniques to clear vegetation (e.g., brush shearing to set back early successional plant communities)		
			Dixie harrow/Lawson aerator	Acres	Removal of vegetation and treating soil by pulling devices behind a tractor (e.g., removing sagebrush for improved herbaceous cover for sage grouse)		
			Forest stand improvement	Acres	Removal of trees to improve forest habitat for wildlife (e.g., forest management that promotes a particular serial stage)		
			Mowing	Acres	Cutting down grass or grain to maintain habitat for wildlife		
			Plowing/Discing	Acres	Plowing or other mechanical means of disturbing existing vegetation and exposing soil		
		Water management				Number	Management of water to benefit fish and wildlife and their habitats
			Ditch plugs	Number	Installation of earthen plugs into drainage ditches to restore wetlands		
			Diversion/headgate	Number	Installation or maintenance of structures to divert water		
			Drainage	Number	Removal of tile drains or drainage ditches to restore wetland hydrology		
			Public fishing lake enhancement	Number	Enhancements made to public fishing lakes (e.g., installation of aerators)		
			Spring development	Number	Application of techniques to improve the flow, quantity and yield of water from a natural spring		
			Tide gate	Number	Installation or maintenance of structures to increase the hydro-period and water depth of a wetland		
			Waterfowl impoundment maintenance	Number	Maintenance of impoundments for waterfowl habitat (e.g., renovation of impoundment dikes)		
			Water control structure	Number	Installation or maintenance of structures to simulate natural hydrological processes		
			Watering facilities	Number	Installation or maintenance of structures to collect and store water for the benefit of wildlife (e.g., water holes, guzzlers, wells)		

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
		Wildlife damage management		Interventions	Assessment and management of damage from nuisance native fish and wildlife. Includes control of predators by biological, chemical or mechanical means to maintain populations of species at risk and restore ecological functions (e.g., gull or cormorant control, nest exclusion devices, cave gating) Note: Limited eligibility for funding through WSFR grant programs	
		Wildlife disease management		Interventions	Assessment and management of wildlife disease situations. Includes control or treatment of diseased animals to maintain populations of species at risk and restore ecological functions (e.g., chronic wasting disease, brucellosis, tuberculosis, plague management activities)	
	Data Collection and Analysis					
	Database development and management				Databases	Information technology development and maintenance to support project objectives (e.g., statewide database development) Note: This is different from other Data Collection and Analysis activities in that it refers to the hardware, software, and supporting infrastructure that support multiple data collection efforts
		Database development			Databases	Information technology development to support project objectives (e.g., statewide database development) Note: This is different from other Data Collection and Analysis activities in that it refers to the hardware, software, and supporting infrastructure that support multiple data collection efforts
		Information systems operations and maintenance			Databases	Information technology maintenance to support project objectives (e.g., GIS analyses) Note: This is different from other Data Collection and Analysis activities in that it refers to the hardware, software, and supporting infrastructure that support multiple data collection efforts

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Research, survey or monitoring - fish and wildlife populations		Projects	Collection and analysis of data as part of research, survey or monitoring primarily focused on fish and wildlife populations Note: includes compilation, management, synthesis, analysis and reporting of spatial and non-spatial data Note: Code work on fish and wildlife diseases to Wildlife Disease Management within Direct Management of Natural Resources
			Abundance determination	Projects	Determination of relative abundance or estimation of size of fish and wildlife populations (e.g., adult population estimate, juvenile relative abundance)
			Age, size and sex structure	Projects	Determination of age, size or sex structure of fish and wildlife populations (e.g., age and growth, length frequency, sex ratio)
			Baseline inventory	Projects	Baseline survey and inventory to understand distribution of fish and wildlife populations
			Food habits	Projects	Studies on food habits of fish and wildlife species or their utilization as prey
			Genetics	Projects	Genetics studies of fish and wildlife populations (e.g., population connectivity, hybridization)
			Movement	Projects	Studies of fish and wildlife movements (e.g., tagging, telemetry)
			Population assessment	Projects	Assessments of biological information to determine status of fish and wildlife populations (e.g., population viability analysis, fisheries stock assessment)
			Reproduction	Projects	Studies of reproduction of fish and wildlife populations (e.g., fecundity, nesting success)

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Research, survey or monitoring - habitat		Projects	Collection and analysis of data as part of research, survey or monitoring primarily focused on fish and wildlife habitats Note: includes compilation, management, synthesis, analysis and reporting of spatial and non-spatial data
			Baseline inventory	Projects	Baseline survey and inventory to understand distribution of fish and wildlife habitat quality and quantity (e.g., wetland mapping)
			Monitoring	Projects	On-going monitoring of fish and wildlife habitat quality and quantity (e.g., annual early successional habitat survey, artificial reef condition)
		Research, survey or monitoring - utilization		Projects	Collection and analysis of data as part of research, survey or monitoring primarily focused on utilization of fish or wildlife resources and demographics of users Note: includes compilation, management, synthesis, analysis and reporting of data
			Facility usage/inventory	Projects	Collection and analysis of data as part of research, survey or monitoring primarily focused on number and usage of facilities (e.g., survey of boat pumpout usage; inventory of fish screen devices)
			Harvest	Projects	Collection and analysis of data as part of research, survey or monitoring primarily focused on utilization of fish or wildlife resources (e.g., lake creel surveys; deer harvest statistics)
			Human dimensions	Projects	Collection and analysis of data as part of research, survey or monitoring primarily focused on human dimensions (e.g., demographic surveys; resource economics analyses)

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
		Techniques development		Studies	Research and development of techniques important for the conservation and management of fish and wildlife	
			Artificial propagation studies	Studies	Research on artificial propagation of fish and wildlife (e.g., nutrition studies, culture methods)	
			Educational methods research	Studies	Research on educational instruction and evaluation methods	
			Habitat restoration methods	Studies	Development or improvement of methods to restore habitats and natural processes (e.g., evaluations of water level fluctuations)	
			Fish and wildlife research, survey and management techniques	Studies	Development or improvement of research techniques or management tools (e.g., tag retention studies, sampling device improvements, testing of animal control devices)	
	Education	Educator/Instructor training				
				Instructors	Training of educators/instructors on aquatic resources, firearm safety, and archery-related activities	
			Aquatic resource education (*)	Instructors	Training of new instructors and teachers in aquatic resource education who will teach others Note: This includes angler education volunteer instructors, teachers, nature center staff and camp counselors who attend ARE workshops, teachers who help the agency write curriculum, etc.	
			Hunter education - firearms (*)	Instructors	Training of new and in-service volunteer instructors in hunter education who will teach others Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education	
			Cumulative number of active instructors (*)	Instructors	Number of active hunter education volunteer instructors including those just trained within a given year Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education	

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Student training		Students	Training of students on aquatic resource education, firearm safety, or archery-related activities Note: Could include Section 10 enhanced hunter education non-range related enhancements to the program (e.g., training supplies acquired, operations and maintenance, etc.)
			Aquatic resource education (*)	Students	Instruction of students on aquatic resources in an educational setting (contact hour of 0.5 or more) Note: This does not include people who have no personal educational interaction - reading an article, borrowing a video, walking by an exhibit booth, etc.; or people that the agency trained to help deliver the program
			Hunter education - firearms (*)	Students	Instruction of students on firearm safety in an educational setting leading to hunter education certification Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education Note: Could include participation in programs intended to recruit and retain hunters that are only eligible through Section 10 enhanced hunter education
			Hunter education - Archery in the Schools (*)	Students	Instruction of students on archery-related activities specifically through the Archery in the Schools program Note: Can only be funded with Section 10 enhanced hunter education Note: Usage started with TRACS launch at start of FY 2013.
			Hunter education - other archery (*)	Students	Instruction of students on archery hunting-related activities not through the Archery in the Schools program Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education Note: Pre-TRACS data could have included Archery in the Schools information.

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
			Wildlife education	Students	Instruction of students on wildlife species and their habitats in an educational setting Note: This activity has a limited eligibility for reimbursement through WSFR grant programs	
	Facilities and Areas (Major Renovation)	Agency support facilities		Sites	Major renovation of facilities used by agency personnel in support of programs/projects (e.g., office buildings, garages, equipment sheds)	
		Aquatic resource education centers		Sites	Major renovation of facilities for aquatic resource education	
		Boating access facilities			Number	Major renovation of facilities providing access for anglers and others using motor boats
			Launch ramps (*)		Number	Boat ramp lanes at boat launch sites
			Docks/piers (*)		Number	Docks/piers at boat launch sites
			Parking areas (*)		Number	Parking areas at boat launch sites
			Parking spaces (*)		Number	Parking spaces at boat launch sites
			Access roadways (*)		Number	Roadways to access launch ramps
			Restrooms (*)		Number	Restrooms at boat launch sites
			Fish cleaning stations (*)		Number	Fish cleaning stations at boat launch sites
			Shelters (*)		Number	Shelters at boat launch sites
		Boat pump out and dump stations			Number	Major renovation of facilities for pumping sewage from boats Note: Typically funded through the Clean Vessel Act program
			Pump out stations (*)		Number	Pump out stations
			Dump stations (*)		Number	Dump stations
			Floating restrooms (*)		Number	Floating restrooms
			Pump out boats (*)		Number	Pump out boats
		Fish passage facilities			Number	Major renovation of facilities designed to allow fish to move past instream barriers (e.g., fish ladders; counting stations) Note: Not related to removal of dams and other barriers coded elsewhere
			Counting traps/stations		Number	Counting traps/stations
			Downstream bypass facilities		Number	Facilities designed specifically for downstream movement of fish

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
			Fish ladders	Number	Fish ladders
			Fish lifts	Number	Fish lifts
			Nature-like fishways	Number	Fishways whose designs are based on simulating natural stream characteristics and are constructed of natural materials
		Fish screening and related facilities		Sites	Major renovation of screening systems that prevent fish from passing into areas that do not support their survival (e.g., into irrigation diversion channels). Note: Primarily funded by FRIMA grant program in Region 1
		Hatcheries (recreational purposes)		Sites	Major renovation of facilities to propagate fish or wildlife species for restoration
		Hatcheries (restoration)		Sites	Major renovation of facilities to propagate fish or wildlife species for recreational purposes
		Hunter education - archery ranges		Sites	Major renovation of archery ranges for hunter education purposes
		Hunter education - classrooms		Sites	Major renovation of classrooms for hunter education purposes Note: Could be funded through Wildlife Restoration basic or enhanced hunter education
		Hunter education - firearm shooting ranges		Sites	Major renovation of firearm shooting ranges for hunter education purposes Note: Could be funded through Wildlife Restoration basic or enhanced hunter education
		Public fishing areas/access		Number	Major renovation of non-boating access public fishing areas Note: Activities primarily for restoration and management of species and habitats should be coded to Create, Restore or Enhance Habitat and Natural Processes
			Carry-down access	Number	Access points for carry-down boats
			Fishing piers	Number	Fishing piers
			Parking areas	Number	Parking areas for fishing
			Jetties	Number	Jetties for fishing
			Access roadways	Number	Roadways to access fishing areas
Restrooms	Number		Restrooms at fishing areas		
Fish cleaning stations	Number	Fish cleaning stations at fishing areas			
Shelters	Number	Shelters at fishing areas			

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
		Transient boat tie up - primary facilities		Number	Major renovation of primary facilities for tie-up of transient boats Note: Typically funded through Boating Infrastructure Grant program	
			Docks/slips (*)	Number	Spaces for tie-up to docks	
			Moorings (*)	Number	Moorings	
			Gangways (*)	Number	Gangways	
		Transient boat tie up - secondary facilities		Number	Major renovation of secondary facilities for tie-up of transient boats Note: Typically funded through Boating Infrastructure Grant program	
			Restrooms (*)	Number	Restrooms	
			Fuel stations (*)	Number	Fuel stations	
		Wildlife Management Areas		Number	Major renovation of facilities at Wildlife Management Areas	
			Campgrounds	Number	Campgrounds	
			Dikes/levees	Number	Dikes/levees	
			Observation structures	Number	Wildlife blinds, towers, platforms, etc.	
			Parking lots	Number	Parking lots	
		Facilities and Areas (New Construction)	Agency support facilities		Sites	Construction of new facilities used by agency personnel in support of programs/projects (e.g., office buildings, garages, equipment sheds)
			Aquatic resource education centers		Sites	Construction of new facilities for aquatic resource education
			Boat pump out and dump stations		Number	Construction of new facilities for pumping sewage from boats Note: Typically funded through the Clean Vessel Act program
	Dump stations (*)			Number	Dump stations	
	Floating restrooms (*)			Number	Floating restrooms	
	Pump out boats (*)			Number	Pump out boats	
	Pump out stations (*)	Number	Pump out stations			

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Boating access facilities	Access roadways (*)	Number	Roadways to access fishing areas
			Docks/piers (*)	Number	Docks/piers at boat launch sites
			Fish cleaning stations (*)	Number	Fish cleaning stations at boat launch sites
			Launch ramps (*)	Number	Boat ramp lanes at boat launch sites
			Parking areas (*)	Number	Parking areas at boat launch sites
			Parking spaces (*)	Number	Parking spaces at boat launch sites
			Restrooms (*)	Number	Restrooms at boat launch sites
			Shelters (*)	Number	Shelters at boat launch sites
		Fish passage facilities		Number	Construction of new facilities designed to allow fish to move past instream barriers (e.g., fish ladders; counting stations) Note: Not related to removal of dams and other barriers coded elsewhere
			Counting traps/stations	Number	Counting traps/stations
			Downstream bypass facilities	Number	Facilities designed specifically for downstream movement of fish
			Fish ladders	Number	Fish ladders
			Fish lifts	Number	Fish lifts
			Nature-like fishways	Number	Fishways whose designs are based on simulating natural
		Fish screening and related facilities		Sites	Construction of new screening systems that prevent fish from passing into areas that do not support their survival (e.g., into irrigation diversion channels). Note: Primarily funded by FRIMA grant program in Region 1
		Hatcheries (recreational purposes)		Sites	Construction of new facilities to propagate fish or wildlife species for restoration or recreational purposes
		Hunter education - archery ranges		Sites	Construction of new archery ranges for hunter education purposes
		Hunter education - classrooms		Sites	Construction of new classrooms for hunter education purposes Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education Note: Pre-TRACS data could have included major renovation or operations and maintenance

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
		Hunter education - firearm shooting ranges		Sites	Construction of new firearm shooting ranges for hunter education purposes Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education Note: Pre-TRACS data could have included major renovation	
		Public fishing areas/access			Number	Major renovation of non-boating access public fishing areas Note: Activities primarily for restoration and management of species and habitats should be coded to Create, Restore or Enhance Habitat and Natural Processes
			Access roadways		Number	Access points for carry-down boats
			Carry-down access		Number	Fishing piers
			Fish cleaning stations		Number	Parking areas for fishing
			Fishing piers		Number	Jetties for fishing
			Jetties		Number	Roadways to access fishing areas
			Parking areas		Number	Restrooms at fishing areas
			Restrooms		Number	Fish cleaning stations at fishing areas
		Transient boat tie up - primary facilities	Shelters		Number	Shelters at fishing areas
					Number	Major renovation of primary facilities for tie-up of transient boats Note: Typically funded through Boating Infrastructure Grant program
			Docks/slips (*)		Number	Spaces for tie-ups to docks
			Gangways (*)		Number	Gangways
		Transient boat tie up - secondary facilities	Moorings (*)		Number	Moorings
					Number	Major renovation of secondary facilities for tie-up of transient boats Note: Typically funded through Boating Infrastructure Grant program
			Fuel stations (*)		Number	Fuel Stations
			Laundry facilities (*)		Number	Laundry Facilities
			Restrooms (*)		Number	Restrooms

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Wildlife Management Areas		Number	Major renovation of facilities at Wildlife Management Areas
			Campgrounds	Number	Campgrounds
			Dikes/levees	Number	Dikes/Levees
			Observation structures	Number	Wildlife blinds, towers, platforms, etc.
			Parking lots	Number	Parking Lots
			Roads	Number	Roads
	Facilities and Areas (Operations and Maintenance)	Agency support facilities		Sites	Routine operations and maintenance of facilities used by agency personnel in support of programs/projects (e.g., office buildings, garages, equipment sheds)
			Aquatic resource education centers	Sites	Routine operations and maintenance of facilities for aquatic resource education
		Boat pump out and dump stations		Number	Routine operations and maintenance of facilities for pumping sewage from boats Note: Typically funded through the Clean Vessel Act program
			Dump stations	Number	Dump Stations
			Floating restrooms	Number	Floating Restrooms
			Gallons of sewage pumped	Number	Gallons of sewage pumped. Note: Likely to be a required data element in the future when CVA regulations are revised
			Pump out boats	Number	Pump out boats
			Pump out stations	Number	Pump out stations
		Boating access facilities		Number	Routine operations and maintenance of facilities providing access for anglers and others using motor boats
			Access roadways (*)	Number	Roadways to access launch ramps
			Docks/piers (*)	Number	Docks/piers at boat launch sites
			Fish cleaning stations (*)	Number	Fish cleaning stations at boat launch sites
			Launch ramps (*)	Number	Boat ramp lanes at boat launch sites
			Parking areas (*)	Number	Parking areas at boat launch sites
			Parking spaces (*)	Number	Parking spaces at boat launch sites
Restrooms (*)	Number	Restrooms at boat launch sites			
Shelters (*)	Number	Shelters at boat launch sites			

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Cooperatively managed areas for hunting		Acres	Lands not owned by the State fish and wildlife agency that are cooperatively managed for hunting purposes (e.g., US Forest Service lands, State parks, private lands)
			Government agency	Acres	Operations and maintenance activities on lands owned by other government agencies
			Private lands	Acres	Operations and maintenance activities on privately owned lands
		Fish passage facilities		Number	Routine operations and maintenance of facilities designed to allow fish to move past instream barriers (e.g., fish ladders; counting stations) Note: Not related to removal of dams and other barriers coded elsewhere
			Counting traps/stations	Number	Counting traps/stations
			Downstream bypass facilities	Number	Facilities designed specifically for downstream movement of fish
			Fish ladders	Number	Fish ladders
			Fish lifts	Number	Fish lifts
			Nature-like fishways	Number	Fishways whose designs are based on simulating natural stream characteristics and are constructed of natural materials
		Fish screening and related facilities		Sites	Routine operations and maintenance of screening systems that prevent fish from passing into areas that do not support their survival (e.g., into irrigation diversion channels). Note: Primarily funded by FRIMA grant program in Region 1
		Hatcheries (recreational purposes)		Sites	Routine operations and maintenance of facilities to propagate fish or wildlife species for recreational purposes
		Hatcheries (restoration)		Sites	Routine operations and maintenance of facilities to propagate fish or wildlife species for restoration purposes
		Hunter education - archery ranges		Sites	Routine operations and maintenance of archery ranges for hunter education purposes

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
		Hunter education - classrooms		Sites	Routine operations and maintenance of classrooms for hunter education purposes Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education	
		Hunter education - firearm shooting ranges		Sites	Routine operations and maintenance of firearm shooting ranges for hunter education purposes Note: Could be funded through Wildlife Restoration basic or Section 10 enhanced hunter education	
		Public fishing areas/access			Number	Routine operations and maintenance of non-boating access public fishing areas Note: Activities primarily for restoration and management of species and habitats should be coded to Create, Restore or Enhance Habitat and Natural Processes
			Access roadways		Number	Roadways to access fishing areas
			Carry-down access		Number	Access points for carry-down boats
			Fish cleaning stations		Number	Fish cleaning stations at fishing areas
			Fishing piers		Number	Fishing piers
			Jetties		Number	Jetties for fishing
			Parking areas		Number	Parking areas for fishing
			Restrooms		Number	Restrooms at fishing areas
		Shelters		Number	Shelters at fishing areas	
		Wildlife Management Areas			Number	Routine operations and maintenance of Wildlife Management Areas Note: Activities primarily for restoration and management of species and habitats should be coded to Create, Restore or Enhance Habitat and Natural Processes
			Boundary designation		Number	
			Campgrounds		Number	Campgrounds
			Dikes/levees		Number	Dikes/Levees
			Observation structures		Number	Wildlife blinds, towers, platforms, etc.
			Parking lots		Number	Parking Lots
Trails		Number				

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
			Trash Collection	Number		
			Roads	Number	Roads	
	Land and Water Rights Acquisition and Protection (Potential High Level Purposes: Conservation/ Management, Recreation, Administration)	Land acquisition		Fee title	Acres	Acquisition of lands through fee title acquisition
				Non-fee title	Acres	Acquisition of lands through leases, permanent easements, cooperative agreements, contracts or other non-fee title arrangements
		Water rights acquisition		Fee title	Acres Feet	Purchase of water rights through fee title acquisition (e.g., purchase of water rights to maintain adequate flows for endangered stream fishes)
				Non-fee title	Acres Feet	Acquisition of water rights through leases, permanent easements, cooperative agreements, contracts or other non-fee title arrangements (e.g., purchase of water rights to maintain adequate flows for endangered stream fishes)
		Conservation area designation		Acres	Designation of a site or landscape as having unique and important value to fish and wildlife with or without legal protections (e.g., waterfowl breeding area, Marine Protected Area)	
		Private lands agreements		Acres	Number of acres that are protected by agreement with private landowners, but which do not involve active habitat improvement Note: Used extensively within the Landowner Incentive Program	
		Law Enforcement (Potential High Level Purposes: Conservation/ Management, Recreation)	Law enforcement		Cases	Enforcement of laws and regulations related to the protection of fish and wildlife

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
	Outreach				
		Partner/stakeholder engagement		Number	Engagement of partners to achieve shared objectives and broader coordination across overlapping areas
			Government agency	Number	Engagement of federal, state and local agencies and tribal entities to achieve shared objectives and broader coordination across overlapping areas (e.g., outreach with tribal governments for habitat restoration)
			Non-governmental organization	Number	Engagement of the NGO community to achieve shared objectives and broader coordination across overlapping areas (e.g., coordinate with an NGO on a fish and wildlife GIS analysis)
			Others	Number	Engagement of other partners to achieve shared objectives and broader coordination across overlapping areas (e.g., convene an advisory committee from academia to assist with management planning for a species)
		Recruitment and retention activities		Number	Participation in programs intended to recruit and retain anglers, boater, hunters or wildlife watchers
			For fishing and boating (SFR outreach and communications)	Number	Provision of information on fishing and boating opportunities to current and future anglers and boaters (e.g., creation and dissemination of maps of boat ramps, participation in angler recruitment and retention programs) Note: the cost of these activities counts toward the 15 percent SFR apportionment cap on ARE and outreach and communications
			For hunting and shooting	Number	Participation in programs intended to recruit and retain hunters and shooters. Note: Non-hunting related shooting activities are only eligible for Multi-State Grant Program or Section 10 enhanced hunter education funding
			For wildlife watching	Number	Participation in programs intended to recruit and retain wildlife watchers Note: this activity has limited eligibility for funding through WSFR grant programs

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		WSFR program/ subprogram outreach		Number	Provision of educational information on WSFR grants and grant programs to a variety of audiences through a variety of means (e.g., participating in trade shows to share information WSFR funded work; building kiosks to display WSFR program information at supported areas and facilities)
			Displays, exhibits, kiosks	Number	Activities associated with producing displays, exhibits or kiosks
			Presentations, workshops, seminars, conferences	Number	How many presentations, workshops, seminars and conferences were conducted (not attended). Note: an outdoor writers conference, a speech to a hunting club, and media training for biologists count as a total of 3
			Outreach research	Number	Survey or research projects undertaken
			Brochures, Fliers	Number	The number of distinct brochures and flyers prepared, not the press run
			Public service announcements	Number	The number of original public service announcements prepared
			Stories, interviews, news releases	Number	The number of original stories produced, interviews given to the media and/or news releases prepared for the media
			Trade shows	Number	Participation in trade shows including setting up and maintaining booths
	Planning				
	Land use planning		Plans	Leading or participating in land use planning for rural, urban or agricultural lands (e.g., assist in developing county-wide zoning plans, participate in workgroup regarding low impact development siting)	

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Organizational strategic and CMS planning		Plans	Development of agency strategic and operational plans and fish and wildlife comprehensive management systems Note: Does not include actions to implement plans
			Organizational strategic and operational planning	Plans	Development of agency strategic and operational plans Note: Does not include actions to implement plans
			CMS planning	Plans	Development of fish and wildlife comprehensive management systems Note: Does not include actions to implement comprehensive management systems
		Species and habitat management planning		Plans	Development of management plans for fish and wildlife species and habitats
			Species management planning	Plans	Development of management plans for fish and wildlife species (e.g., interjurisdictional fisheries management planning)
			Listed species recovery planning	Plans	Development of recovery plans for federal or state listed species
			Habitat management planning	Plans	Development of management plans for habitats and natural processes (e.g., management planning for longleaf pine habitat; Habitat Conservation Plan development)
			Habitat Conservation Plan (HCP) Development	Plans	
		State Wildlife Action planning		SWAPs	Conduct activities to develop and revise State Wildlife Action Plans (e.g., convene interagency work groups to revise portions of a SWAP, hold public hearings to help set priorities for SWAP conservation actions)
		WSFR program/ subprogram planning		Plans	Conduct planning activities for a specific WSFR program or subprogram (e.g., CVA planning, hunter education planning)

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes	
	Species Re-introduction and Stocking					
		Native species restoration			Animals	Re-introduction, rehabilitation and relocation of native animals or plants in their historic habitats
			Propagation and stocking		Animals	Re-introduction of propagated native animals or plants to their historic habitats (e.g., restore American shad to rivers within their historic range, head-starting rare turtles)
			Rehabilitation		Animals	Rehabilitation of injured fish and wildlife
			Translocation		Animals	Relocation of native species (including plants) to suitable habitats (e.g., translocate/breed in captivity black-footed ferrets to establish new populations in suitable habitat)
		Production and stocking for recreational purposes			Animals	Production and stocking of animals for recreational purposes
			Forage species		Animals	Production and stocking species that serve as forage for recreational species (e.g., rainbow smelt for salmonid species)
			Put-and-take		Animals	Production and stocking harvestable-size animals that are not expected to reproduce or grow significantly before they are harvested (e.g., catchable trout stocking for recreational purposes)
	Put-grow-and-take			Animals	Production and stocking sublegal-size animals for the purpose of maintaining populations with insufficient natural reproduction for sustainable harvest (e.g., walleye fry stocking for future sport fishing)	
	Technical Assistance					
					Reviews	Review of agency and private sector policies, projects and plans (primarily related to development and adverse impacts to natural resources) to help ensure potential impacts to fish and wildlife are avoided, minimized and/or compensated/mitigated (e.g., review of municipal pier development, review of transmission corridor siting)

Project Level	Action Level 1	Action Level 2	Action Level 3	Level 2 and Level 3 Output Measures	Description/Examples/Notes
		Environmental review	Review of proposed projects	Reviews	Review of proposed development projects to help ensure that impacts to fish and wildlife are minimized and resource benefits are maximized
			Review of proposed policies and plans	Reviews	Review of non-conservation oriented policies and plans to help ensure that impacts to fish and wildlife are minimized and resource benefits are maximized (e.g., review of harbor dredging plan, review of state highway plans)
		Technical assistance		Assists	Provision of professional training and technical assistance to others on fish and wildlife assessment and management
			With individuals and groups involved in resource management decision making	Assists	Provision of professional training and technical assistance on fish and wildlife assessment and management to individuals and groups involved in resource management decision-making (e.g., provide agency-collected data to other governmental officials, train non-governmental organizations on new trapping methods, review of conservation-oriented policies and plans)
			With private landowners	Assists	Provision of technical assistance on fish and wildlife management practices to private landowners Note: Could Include development and delivery of economic incentives to private landowners to influence responsible stewardship of land/water and specific species

THIS PAGE LEFT INTENTIONALLY BLANK

KY – Sport Fish Stocking and Fish Hatchery Operations/Maintenance

Need

There is a need to maintain and enhance existing sport fish populations, in order to ensure species continued viability, as well as meeting angler catch rates that are acceptable to the public. In 2011, data from the National Survey of Fishing, Hunting, and Wildlife-Associated Recreation indicated over 554,000 anglers fished in Kentucky for a total of 10.2 million angler-days. These anglers expended over \$807 million in trip and equipment-related expenditures.

Unfortunately, many of Kentucky's sport fish species are not able to sustain adequate populations through natural reproduction as a result of water level fluctuations, man-made impoundments, inadequate spawning habitat, environmental perturbations, and intense angling pressure. Kentucky's musky, striped bass, hybrid striped bass, walleye, saugeye, and rainbow trout fisheries typically do not successfully reproduce annually. Although largemouth bass, white crappie, blue catfish, and channel catfish spawn annually, surveys have shown that these species, oftentimes, produce a strong year-class only once in every 2-3 years. The Kentucky Department of Fish and Wildlife Resources (KDFWR) is the state agency charged with managing the state's recreational sport fisheries. It is our statutory responsibility to operate fish hatcheries and stock fish to meet the needs of Kentucky's anglers, in addition to conserving and managing existing fish populations. Without supplemental stocking efforts, many of the state's recreationally important sport fish species would decline to unviable levels which would ultimately result in unacceptably low angler catch rates.

Purpose

The purpose of this grant is to enhance recreational sport fish populations and provide increased recreational fishing opportunities throughout the Commonwealth of Kentucky.

Objectives

The objectives of this grant are to:

- (1) Stock 3,240,300 fish by December 31, 2016.
- (2) Operate and maintain two (2) facilities by December 31, 2016.

Results and Benefits Expected

This grant will help to conserve, supplement, and improve recreational sport fish populations throughout Kentucky. Supplemental stocking helps to offset poor (or complete lack thereof) year-class production.

This grant will benefit anglers through increased catch and satisfaction rates. These stocking efforts will help to maintain acceptable angler catch rates that have been determined through management plans and ongoing creel surveys.

This grant will also benefit local economies as anglers are willing to travel considerable distances to enjoy their fishing experiences. Local economies will derive benefits from increased sales of gasoline,

food, supplies, lodging, and fishing equipment. Society will benefit from a healthy environment and increased outdoor recreation participation.

Approach

Objective 1 – Stock 3.2 million fish by December 31, 2016.

Hatchery staff maintain on-site brood stock of white bass, largemouth bass, blue catfish, channel catfish, and rainbow trout. For all other species, brood fish will be collected from wild stocks. Musky brood fish (n=25) will be collected from Cave Run Lake and the Licking River immediately below Cave Run Lake Dam. Walleye brood fish (n=100) will be collected from Carr Creek Lake and the Green River Lake tailwater. Sauger brood fish (n=125) will be collected from the Ohio River (below Markland Dam). Striped bass brood fish (n=25) will be collected from Lake Cumberland. All fish will be collected using boat mounted DC electrofishing or gillnets once surface water temperatures reach 35-40F (typically mid/late February). Once collected, brood fish will be placed onto hauling trucks and immediately transported to their respective hatcheries where they will be quarantined and treated (salt) to minimize mortality and prevent disease or parasite outbreaks.

Musky, walleye, striped bass, white bass, sauger, and rainbow trout will be artificially spawned using the “dry” method (Piper et al. 1989). Human chorionic gonadotropin (HCG) may be used to help induce spawning (injections will follow prior accepted standards for each species). Following fertilization, eggs will be placed in hatching jars to allow for incubation. Post hatching, swim up fry (musky, walleye, striped bass, white bass, hybrid striped bass, and saugeye) will be collected and immediately stocked into earthen aquaculture ponds that have been extensively fertilized to promote suitable plankton forage. Rainbow trout fry will be retained indoors intensively and immediately offered a commercially prepared diet to begin the feed training process.

Largemouth bass, blue catfish, and channel catfish will be allowed to spawn naturally in earthen aquaculture ponds. Spawning mats will be provided for largemouth bass, while spawning canisters will be provided for both blue and channel catfish. After spawning, adults will be removed and the resulting largemouth bass fry will be allowed to remain in the pond for grow-out. Blue and channel catfish eggs will be incubated intensively indoors. Post hatching, all catfish fry will be stocked into earthen aquaculture ponds for grow-out.

Walleye, striped bass, white bass, hybrid striped bass, and saugeye will be reared to a size of approximately 2”, using plankton as the food source. On average, these species reach their desired stocking size by late May/mid June. Musky and largemouth bass will initially be reared using plankton as the food source. Once fingerlings reach a size of 2”, fathead minnows/goldfish will be regularly stocked to provide the remaining forage necessary to reach the target stocking size. Rainbow trout, blue catfish, and channel catfish will be reared using commercially prepared diets. These diets will be feed according to established aquaculture standards for each species. Water quality, dissolved oxygen, disease, and growth of each pond will be monitored regularly throughout the grow-out phase.

As species reach stocking size, fish will be harvested from ponds by draining each pond and fish will be collected in the kettle basins. Nets will be used to collect fish and will be immediately loaded onto hauling trucks and taken to the fish hatching houses and placed in raceways. Length, weight, and

numbers will be determined for each species/pond. Fish will then be loaded onto hauling trucks based on stocking density/location. Liquid oxygen will be provided in each hauling compartment to sustain dissolved oxygen concentrations greater than 4.0 ppm. Dissolved oxygen will be monitored every 3 hours en route to each stocking location. At the stocking site, fish will be tempered to ensure that water temperatures do not differ by more than 5 degrees between the hauling truck and the receiving surface water temperature. A list of stocking locations, numbers, and GPS coordinates for each species is provided in Table 1.

(NOTE: TRACS action levels for reporting purposes.)

TRACS Action Level 1: Species Reintroduction and Stocking

TRACS Action Level 2: Recreational purposes

TRACS Action Level 3 (optional): Put-and-take

TRACS Action Level 3 (optional): Put-grow-and-take

Objective 2 – Operate and maintain two facilities by December 31, 2016.

Pfeiffer Fish Hatchery – Pfeiffer Fish Hatchery is located in Franklin County and resides upon 145 acres adjacent to Elkhorn Creek, which acts as the primary water source for the entire hatchery. The hatchery has a total of 48 earthen production ponds encompassing approximately 50 acres of production water: 37 (0.9 acre ponds), 8 (0.5 acre ponds), 1 (4.0 acre pond), and 2 irregular ponds (totaling 8.5 acres). Each pond contains one concrete fish harvesting kettle and some ponds have liners installed to prevent water seepage or for specific fish production purposes. Water supply and drain lines exist at each pond, in addition to electricity to aid with the operation of aerators.

Two modern fish hatching/intensive culture buildings are also located at the hatchery. A total of 24 raceways and 16 large circular tanks are permanently established within the buildings. Numerous smaller raceways and tanks are also present and may be constructed/deconstructed based upon the production species desired and their individual needs. Additional infrastructure includes pumps, biofilters, settling chambers, computer monitoring systems, heat pumps, chillers, scales, and generators.

The remaining hatchery infrastructure is comprised of: (1) three hatchery residence houses (furnished); (2) one main office building; (3) three storage sheds; and (4) one well pump structure. Other capital assets include vehicles, ATV's, aerators, hauling tanks, mowers, welders, microscopes, and other typical fish hatchery items.

Minor Clark Fish Hatchery – Minor Clark Fish Hatchery is located in Rowan County and resides upon 300 acres, immediately below the dam that forms Cave Run Lake and which provides water for the hatchery. The hatchery has 97 earthen production ponds encompassing approximately 122 acres of production water: 83 (1.0 acre ponds), 10 (1/10th acre ponds), two (7 acre ponds), one (10 acre pond), and one (14 acre pond). Each pond contains one concrete fish harvesting kettle and some ponds have liners installed to prevent water seepage or for specific fish production purposes. Water supply and drain lines exist at each pond, in addition to electricity to aid with the operation of aerators.

One large, modern fish hatching/intensive culture building is also located at the hatchery. A total of 8 raceways and 12 large circular tanks are permanently established within the building. Additional circular tanks may be constructed/deconstructed based upon production species desired and their individual

needs. Additional infrastructure includes pumps, biofilters, settling chambers, monitoring systems, heat pumps, chillers, scales, and generators.

The remaining hatchery infrastructure is comprised of: (1) three hatchery residence houses (furnished); (2) one main office building; (3) one workshop building; (4) four storage sheds; and (5) one well pump structure. Other capital assets include vehicles, ATV's, aerators, hauling tanks, mowers, welders, microscopes, and other typical fish hatchery items.

Operational and maintenance activities (actions necessary to ensure useful life and grant objectives are met) at each hatchery will include the following:

- Mowing/spraying of vegetation (terrestrial/aquatic) around ponds, office/production buildings, storage sheds, and residence houses.
- Roadway and levee repairs/maintenance.
- Vehicle and equipment operation/repair/replacement.
- Plumbing, electrical, HVAC maintenance/repair/replacement.
- Pond (including kettles and liners) and production building (including raceways, pumps, recirculating systems, biofiltration systems, heat pumps, settling chambers, and electrical monitoring systems) maintenance/repair.
- Maintaining existing brood fish species for future production.
- Maintenance of existing structures (residence houses, storage sheds, and office buildings).
- General administrative functions (timesheets, developing reports, employee evaluations, answering phone/emails, record keeping).
- Continuing education/training of hatchery staff (production techniques, disease/parasite, chemical application, staff leadership development, OSHA, CPR/First Aid, and other state mandated employee development).

Larger maintenance activities will include the following:

- Install new well pump (Minor Clark Fish Hatchery).
- Replace existing roofs at office building and one hatchery residence house (Pfeiffer Fish Hatchery).
- Replace existing sump pump at one hatchery residence house (Pfeiffer Fish Hatchery).

(NOTE: TRACS action levels for reporting purposes.)

TRACS Action Level 1: Operation and Maintenance

TRACS Action Level 2: Hatcheries

TRACS Action Level 3 (optional): Recreational purposes

Useful Life/Equipment

The useful life of the new well pump at Minor Clark Fish Hatchery is expected to be 15 years. The useful life of the new roof at the Pfeiffer Fish Hatchery office building is expected to be 20 years. The useful life of the new roof at the Pfeiffer Fish Hatchery residence house is expected to be 20 years.

Geographic Location

The locations of KDFWR's two state-owned hatcheries are listed below.

Fish Hatchery	County	Latitude	Longitude
Pfeiffer Fish Hatchery	Franklin	38.318528	-84.819745
Minor Clark Fish Hatchery	Rowan	38.120222	-83.538601

Principal Investigator(s), for Research Projects

Not applicable.

Program Income

None.

Budget Narrative

Federal Share: \$ 1,617,285 (75%) - Sport Fish Restoration subprogram (9514)

State Share: \$ 539,095 (25%) - KDFWR restricted Fish and Game Fund

Total Cost: \$ 2,156,380

NOTE: Applicants may provide the budget information using the SF 424A (Budget Information for Non-Construction Programs), SF 424C (Budget Information for Construction Programs), or using the applicant's created budget displaying an equivalent or greater level of detail.

<u>Budget Class Category</u>	<u>Cost</u>
Personnel	\$692,000
Fringe Benefits (@51.47%)	\$356,172
Travel	\$10,500
Equipment	\$275,000
Supplies	\$100,000
Contractual	\$500,000
Construction	\$0
Other	\$55,000
Total Direct Costs	\$1,988,672
Indirect Costs	\$167,708
TOTAL	\$2,156,380

Personnel - budget estimate comprised of staff (15-20) in the following classifications: (1) Hatchery Manager; (2) Assistant Hatchery Manager; (3) Fisheries Biologist; (4) Fisheries Technician; (5) Fish and Wildlife Seasonal.

Fringe benefits - consists of the required employer contribution of Social Security, Medicare, unemployment tax, retirement, and employee health insurance, and is estimated at 51.47% of salaries.

Travel - staff will attend in-state meetings related to fish production issues. Staff may also attend regional/national meetings such as AFS and SDAFS (including the various committees and sections), as well as SEAFWA and MAFWA. Travel costs will include lodging, transportation, and per diem following state policies and procedures.

Equipment - the following equipment is necessary and reasonable for the accomplishment of grant objectives.

- Pfeiffer Fish Hatchery
 - (1) Two Ford-150 Supercab $\frac{3}{4}$ ton trucks - \$25,000 each. Useful life = 6 years.
 - (2) International truck with ten compartment hauling tank - \$90,000. Useful life = 10 years.
- Minor Clark Fish Hatchery
 - (1) Two Ford-150 Supercab $\frac{3}{4}$ ton trucks - \$25,000 each. Useful life = 6 years.
 - (2) John Deere 5085E Tractor - \$85,000. Useful life = 15 years.

Supplies - budget estimate includes general office/lab supplies, field attire (raingear, overalls, rubber boots), HCG and oxytetracycline HCl (fish marking chemical), nets, tubs, jars, vials, containers, salt.

Contractual - budget estimate comprised of one contract (\$20,000) with Ohio University to perform genetic analysis of tissue samples from walleye broodstock in order to differentiate between native-strain vs Lake Erie strain adults prior to spawning. Additionally, to perform genetic analysis of largemouth bass broodstock to determine allele frequency of Florida bass genes present. Also includes contract (\$480,000) for fish food acquisition (prepared diets and fathead minnows).

Other - budget category estimates include utilities and bottled gas.

Indirect Costs - The KDFWR's approved NICRA is 16.00% charged to the base of salaries and fringe. A copy of the NICRA is on file in the WSFR Region 4 Office.

In-Kind Match: No in-kind match will be utilized for this grant.

Pre-Award Costs: No pre-award costs are requested for this grant.

Indirect Cost Statement: "We are (1) a U.S. state government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of 16.00%. We submit our indirect cost rate proposals to our cognizant agency. A copy of our most recently approved rate agreement/certification is attached."

Single Audit Reporting Statement: The Commonwealth of Kentucky was required to submit a Statewide Single Audit report for its most recently closed fiscal year and that report is available on the Federal Audit Clearinghouse Single Audit Database website. The report is filed under the Commonwealth of Kentucky's EIN (99-9999999).

Conflict of Interest Statement: KDFWR, at the time of this application, is not aware of any actual or potential conflicts of interest that may arise during the life of this award which may affect the KDFWR, its employees, or its subrecipients. Should an actual or potential conflict of interest arise during the period of performance, then KDFWR will notify the WSFR Regional Office.

Multipurpose Projects

Not applicable.

Relationship with other Grants

None.

Timeline

Period of performance is January 1, 2016 - December 31, 2016.

January 1, 2016 – March 31, 2016:

- Collection of wild brood fish.
- Setup and prepare all spawning equipment, hatching jars, rearing tanks, and ponds (fertilize/lime).
- Complete strip spawning of brood fish and distribute eggs/fry in rearing jars/tanks/aquaculture ponds.
- Monitor ponds for water quality.
- Initiate feed training practices on select production species.

April 1, 2016 – June 30, 2016:

- Complete spawning actions for blue catfish, channel catfish, white bass, and largemouth bass.
- Continue grow-out phase of target species.
- Monitor hatchery production for survival, growth, and disease issues.
- Maintain hatchery grounds, facilities, and equipment.
- Stock walleye, striped bass, hybrid striped bass, white bass, and rainbow trout at target locations.

July 1, 2016 – September 30, 2016:

- Continue grow-out phase of target species.
- Maintain hatchery grounds, facilities, and equipment.
- Monitor hatchery production for survival, growth, and disease issues.
- Stock blue catfish, channel catfish, saugeye, and rainbow trout at target locations.

October 1, 2016 – December 31, 2016:

- Continue grow-out phase of target species.
- Maintain hatchery grounds, facilities, and equipment.
- Monitor hatchery production for survival, growth, and disease issues.
- Stock musky, largemouth bass, and rainbow trout at target locations.
- Winterize hatchery grounds, facilities, and equipment.
- Draft stocking summary/accomplishment reports.

General

(NOTE: The detail provided below may vary from region to region. Please consult your WSFR Regional Office as to the level of detail that should be provided.)

The approaches set forth in this project are substantial in character and design (50 CFR 80.56) and eligible for funding under 50 CFR 80.51 **(a) Sport Fish Restoration program (5)** *“Stock fish for recreational purposes.”*

Section 7 of the Endangered Species Act Compliance

Implementation of this project will have no effect on federally listed species or designated critical habitat. The purpose of this project is to rear and stock fish to enhance recreational sport fishing opportunities across Kentucky. No listed, candidate, or proposed species, as well as designated critical habitat, are known to occur at any stocking sites or locations. All stocking locations have been reviewed by the KDFWR’s endangered species program to fully evaluate the presence of listed species and designated critical habitat.

Should any federally listed, candidate, or proposed species be encountered, the KDFWR or any of its agents shall immediately cease all activities and notify the Ecological Services (ES) Field Office. Any activities shall not resume until notified to do so by the ES Field Office.

Please see the attached “Intra-Service Section 7 Biological Evaluation Form” for further information concerning this project’s compliance with the Endangered Species Act.

NEPA Compliance

This project complies with the United States Fish and Wildlife Service’s (Department of the Interior) categorical exclusions under NEPA. Specifically, this project falls under categorical exclusion **B(6)** in **516 DM 8**, *“The reintroduction or supplementation of native, formerly native, or established species into suitable habitat within their historic or established range, where no or negligible environmental disturbances are anticipated.”* Additionally, this project will not have an impact upon any of the twelve Extraordinary Circumstances under NEPA.

See the attached NEPA Compliance documentation for additional information.

National Historic Preservation Act Compliance

This grant is for the purposes of rearing and stocking sport fish throughout Kentucky, in addition to operation and maintenance of the KDFWR’s existing fish hatcheries. No ground disturbance activities will occur as a result of this grant. It is extremely unlikely that actions completed under this grant will have an impact on cultural or historic resources.

Table 1. Planned sport fish production and stocking by the Kentucky Department of Fish and Wildlife Resources from January 1, 2016 - December 31, 2016.

Species	Size	# Stocked	Water Body	County	Latitude	Longitude
Musky						
	9-13"	1,000	Cave Run Lake	Rowan	38.10235	-83.51325
	9-13"	1,000	Cave Run Lake	Rowan	38.09146	-83.49680
	9-13"	1,000	Cave Run Lake	Rowan	38.05933	-83.46476
	9-13"	1,000	Cave Run Lake	Rowan	38.04028	-83.40241
	9-13"	1,000	Green River Lake	Campbell	37.29174	-85.28847
	9-13"	1,000	Green River Lake	Campbell	37.23185	-85.33736
	9-13"	1,000	Green River Lake	Adair	37.22240	-85.26925
	9-13"	3,000	Buckhorn Lake	Leslie	37.27192	-83.37032
	9-13"	250	Licking River	Bath	38.12996	-83.55768
	9-13"	250	Licking River	Bath	38.11758	-83.53868
	9-13"	75	Kentucky River - Pool 3	Owen	38.29307	-84.87873
	9-13"	75	Kentucky River - Pool 4	Franklin	38.20492	-84.88563
	9-13"	75	Kentucky River - Pool 5	Anderson	38.03468	-84.83607
	9-13"	75	Kentucky River - Pool 6	Mercer	37.91354	-84.82351
		10,800				
Walleye						
	2"	70,000	Lake Cumberland	Pulaski	37.01478	-84.63460
	2"	70,000	Lake Cumberland	Pulaski	37.01186	-84.70314
	2"	70,000	Lake Cumberland	Pulaski	36.96601	-84.84328
	2"	70,000	Lake Cumberland	Wayne	36.95364	-84.93672
	2"	70,000	Lake Cumberland	Russell	36.95371	-85.00698
	2"	80,000	Laurel River Lake	Whitley	36.96870	-84.12743
	2"	80,000	Laurel River Lake	Whitley	36.95274	-84.20795
	2"	80,000	Laurel River Lake	Knox	36.97720	-84.25845
	2"	80,000	Laurel River Lake	Knox	37.00217	-84.23746
	2"	50,000	Carr Creek Lake	Knott	37.22845	-82.99921
	2"	60,000	Paintsville Lake	Johnson	37.84298	-82.87992
	2"	100,000	Green River Lake	Campbell	37.29174	-85.28847
	2"	100,000	Green River Lake	Campbell	37.23185	-85.33736
	2"	100,000	Green River Lake	Adair	37.22240	-85.26925
	2"	35,000	Wood Creek Lake	Laurel	37.18585	-84.17671
		1,115,000				
Striped Bass						
	2"	80,000	Lake Cumberland	Pulaski	37.01478	-84.63460
	2"	80,000	Lake Cumberland	Pulaski	37.01186	-84.70314
	2"	80,000	Lake Cumberland	Pulaski	36.96601	-84.84328

2"	80,000	Lake Cumberland	Wayne	36.95364	-84.93672
2"	80,000	Lake Cumberland	Russell	36.95371	-85.00698
2"	40,000	Ohio River - Markland	Gallatin	38.73869	-85.06439
2"	45,000	Ohio River - Cannelton	Hancock	37.90387	-86.74840
2"	50,000	Ohio River - Smithland	Livingston	37.14286	-88.40674
2"	100,000	Kentucky L. Tailwater	Marshall	37.01907	-88.27927
2"	100,000	Barkley Lake Tailwater	Lyon	37.02858	-88.22618
	735,000				

Hybrid Striped Bass

2"	75,000	Barren River Lake	Barren	36.87169	-86.07074
2"	75,000	Barren River Lake	Barren	36.90489	-86.07513
2"	75,000	Barren River Lake	Monroe	36.88995	-86.12368
2"	35,000	Taylorville Lake	Anderson	37.97366	-85.15802
2"	35,000	Taylorville Lake	Spencer	38.02578	-85.27324
2"	25,000	Herrington Lake	Mercer	37.75139	-84.70574
2"	25,000	Herrington Lake	Mercer	37.69621	-84.74108
2"	20,000	Guist Creek	Shelby	38.20908	-85.14460
2"	75,000	Ohio River - Markland	Gallatin	38.73869	-85.06439
2"	60,000	Ohio River - Cannelton	Hancock	37.90387	-86.74840
2"	50,000	Ohio River - Smithland	Livingston	37.14286	-88.40674
	550,000				

White Bass

2"	25,000	Taylorville Lake	Anderson	37.973662	-85.158023
2"	25,000	Taylorville Lake	Spencer	38.025776	-85.273235
2"	30,000	Herrington Lake	Mercer	37.751388	-84.705735
2"	30,000	Herrington Lake	Mercer	37.696211	-84.741081
	110,000				

Largemouth Bass

4-5"	12,500	Taylorville Lake	Anderson	37.97366	-85.15802
4-5"	12,500	Taylorville Lake	Anderson	37.97619	-85.19339
4-5"	12,500	Taylorville Lake	Spencer	38.02578	-85.27324
4-5"	20,000	Laurel River Lake	Whitley	36.96870	-84.12743
4-5"	20,000	Laurel River Lake	Whitley	36.95274	-84.20795
4-5"	20,000	Laurel River Lake	Knox	36.97720	-84.25845
4-5"	20,000	Laurel River Lake	Knox	37.00217	-84.23746
4-5"	30,000	Ohio River - Markland	Gallatin	38.76915	-84.93512
4-5"	30,000	Ohio River - Markland	Gallatin	38.78270	-84.80884
4-5"	30,000	Ohio River - Markland	Boone	38.80363	84.80680
4-5"	30,000	Ohio River - Markland	Boone	38.90290	-84.79865
	237,500				

Blue Catfish

10-12"	7,500	Taylorville Lake	Anderson	37.97366	-85.15802
10-12"	7,500	Taylorville Lake	Anderson	37.97619	-85.19339
10-12"	7,500	Taylorville Lake	Spencer	38.02578	-85.27324
10-12"	2,000	Wilgreen Lake	Madison	37.70551	-84.35598
10-12"	10,000	Barren River Lake	Barren	36.87169	-86.07074
10-12"	10,000	Barren River Lake	Barren	36.90489	-86.07513
10-12"	10,000	Barren River Lake	Monroe	36.88995	-86.12368
	54,500				

Channel Catfish

10-12"	15,000	Guist Creek	Shelby	38.20908	-85.14460
10-12"	15,000	Beaver Lake	Anderson	37.97631	-85.00848
10-12"	15,000	Elmer Davis Lake	Owen	38.49869	-84.87593
10-12"	20,000	Lake Beshear	Caldwell	37.14786	-87.68475
10-12"	10,000	Corinth Lake	Grant	38.49929	-84.58124
10-12"	12,500	Bullock Pen Lake	Grant	38.79910	-84.63931
10-12"	10,000	Dewey Lake	Floyd	37.70183	-82.73893
10-12"	10,000	Dewey Lake	Floyd	37.71442	-82.73912
10-12"	10,000	Dewey Lake	Floyd	37.72649	-82.74277
	117,500				

Saugeye

2"	20,000	Guist Creek	Shelby	38.20908	-85.14460
2"	20,000	Bullock Pen Lake	Grant	38.79910	-84.63931
2"	20,000	Corinth Lake	Grant	38.49929	-84.58124
	60,000				

Rainbow Trout

10"	6,000	Anderson Lake	Anderson	38.04015	-84.90471
10"	10,000	Casey Creek	Trigg	36.83360	-87.83895
10"	15,000	Cedar Creek lake	Lincoln	37.48428	-84.55941
10"	15,000	Cedar Creek lake	Lincoln	37.49252	-84.54785
10"	9,000	Dewey Lake Tailwater	Floyd	37.73738	-82.73105
10"	15,000	Greenbo Lake	Greenup	38.48459	-82.88719
10"	45,000	Cumberland Tailwater	Russell	36.87401	-85.14992
10"	45,000	Cumberland Tailwater	Clinton	36.89440	-85.14614
10"	45,000	Cumberland Tailwater	Cumberland	36.38711	-85.24471
10"	45,000	Cumberland Tailwater	Monroe	36.78599	-85.36575
	250,000				

Total Anticipated Fish Stocked = 3,240,300

THIS PAGE LEFT INTENTIONALLY BLANK

MT – Montana Shiras Moose Study

Need

There is a need for the Montana Fish, Wildlife and Parks (MFWP) to effectively manage and conserve moose populations to continue to meet the expectations of the state's diverse hunters and wildlife-viewers, as well as maintain viability of the species within the state. The distribution and population dynamics of moose (*Alces alces*) in North America have remained dynamic since the species' arrival on the continent 11,000-14,000 years ago (Hundertmark and Bowyer 2004). Moose populations at the southern range extent have generally increased in modern times (Karns 2007), including the colonization of the Rocky Mountain states of the western US in the past 200 years (Peek and Morris 1998) and the recolonization of historic range in the eastern US in the past 30 years (Wattles and DeStefano 2011). However, in the past decade concern for the viability of southern moose has also arisen in local populations such as those of Minnesota (Murray et al. 2006, Lenarz et al. 2010), northeast North Dakota, northwest Wyoming (Becker 2008), Nova Scotia (Pulsifer and Nette 1995), and Montana (DeCesare et al. 2014).

The Shiras moose (*A. a. shirasi*) is the southernmost subspecies of moose in North America, with a current range extending south from southern Alberta and British Columbia into Washington, Oregon, Idaho, Montana, Utah, Wyoming, and Colorado (Peek and Morris 1998, Matthews 2012). Moose in Montana have undergone a general population increase since the early 1800's, though concern has risen over potential moose declines during the early 21st century (Smucker et al. 2011). Annual harvest in Montana peaked in 1994 at 656 animals, when 89% of permitted hunters were successful and spent an average of 8.7 days hunting per successful kill. Since the late 1990's both the number of permits issued and moose harvested have dropped, hunter success rates have decreased and days per harvest have increased. For example, the 2009 harvest was the lowest recorded since 1957, with 359 moose harvested, a hunter success rate of 73%, and an average of 14.4 hunter-days per harvest.

In Montana, beyond hunter harvest statistics, available data concerning moose dynamics are fairly inconsistent, including hunter and landowner sighting data and various forms of aerial surveys across a small subset of hunting districts. Furthermore, knowledge of the external factors most important in driving moose dynamics is fairly incomplete. Elsewhere, researchers have shown a wide host of possible factors limiting moose populations, including climate-related factors such as heat stress and winter snow depth (Mech et al. 1987, Solberg et al. 1999, Lenarz et al. 2009), parasites including the meningeal worm (*Parelaphostrongylus tenuis*; Lankester 2010), arterial worm (*Elaeophora schneideri*; Henningsen et al. 2012), winter ticks (*Dermacentor albipictus*; Samuel 2004, Vucetich and Peterson 2009), and giant liver fluke (*Fascioloides magna*; Murray et al. 2006), predation by wolves (*Canis lupus*), grizzly bears (*Ursus arctos*) and black bears (*Ursus americanus*; Boutin 1992, Gasaway et al. 1992, Hayes et al. 2000, Bertram and Vivion 2002, Vucetich and Peterson 2009), forage quantity or quality (Franzmann and Schwartz 1985, McArt et al. 2009), and human harvest (Bergerud et al. 1968, Fryxell et al. 1988, Solberg et al. 1999, Brown 2011). It also seems clear that these factors have interacting effects (Vucetich and Peterson 2009, Brown 2011), further complicating interpretation of current dynamics in Montana.

Suspected moose declines in Montana may be driven by several of the above mentioned factors. In a recent expert opinion survey of 22 MFWP management biologists, factors of concern included predation (64%), hunter harvest (41%), habitat succession (41%), parasites and disease (36%), and several other factors of concern (T. Smucker, MFWP, unpublished data). In Montana, moose are within the southern

range extent, and thus may be particularly susceptible to heat stress with warming climates. While the meningeal worm has not been detected in Montana, preliminary sampling has shown relatively widespread prevalence of arterial worms (Ramsey 2011), liver flukes (Knapp et al. 1992), and winter ticks (Bishopp and Trembley 1945). Montana is also host to stable or increasing predator populations of wolves (Gude et al. 2012), grizzly bears (Kendall et al. 2009, Mace et al. 2012), and black bears (Beston and Mace 2012). The role of forage availability or quality may be particularly relevant in northwest Montana, where much of the logging-created early-seral habitat favored by moose has aged beyond the optimum window for moose diet (e.g., Kelsall et al. 1977, Schwartz and Franzmann 1989). Finally, hunter harvest has been implicated for moose declines in Montana in the past (Schladweiler 1974), and has also been included as an objective for population control during the last 15 years in some areas where crop depredation pressure is high (V. Boccadori, MFWP, personal communication).

While moose are consistently associated with shrub and early-seral forest habitats across their circumpolar range, occupied habitats within Montana are diverse. Forestry practices have been associated with range expansion of moose into closed forest habitats such as those of northwest Montana (Matchett 1985) and southern British Columbia (Bergerud and Elliot 1986, Serrouya et al. 2011). Here early-seral shrub and regenerating forest habitats are the result of logging cutblocks, and have resulted in abundant moose populations. To the contrary, moose habitat in southwest Montana is typically characterized by dense, linear patches of willow along riparian corridors, where snow conditions in late winter can cause shifts to closed canopy forests (Peek 1971) or reduction in home ranges sizes (Burkholder 2012). This variation in habitat may be indicative of variation in limiting factors across moose distribution in Montana as well.

Given these uncertainties, the current status of moose, factors limiting population growth, and methods for population status monitoring have all been recently prioritized as key research areas for wildlife managers across the state of Montana. Information regarding baseline survival and recruitment rates, as well as which external factors are most predictive of them, would provide managers valuable information for assessing trend, viability, and harvest prescriptions for moose across the state. Additionally, a cost-effectiveness assessment of monitoring techniques is needed within Montana to ensure maximum knowledge gain from monitoring expenditures as well as coordination of data collection among hunting districts. Herein we describe the objectives, approaches, and expected results and benefits for a 5-year moose research and monitoring project developed to increase the rigor of moose knowledge and management within the state of Montana. Without this information, it will become increasingly more difficult for MFWP to effectively manage and conserve the state's moose resources.

Purpose

The purpose of this grant is to conduct a 5-year research project on Montana's Shiras moose population in order to improve MFWP's management of the resource.

Objective

Conduct 1 study by June 30, 2021

Results and Benefits Expected

This grant will benefit the moose resources of Montana by providing MFWP wildlife staff with science-based, quantitative data to ensure sound and responsible management of moose on a statewide basis.

This grant will also provide benefit to Montana's hunters and wildlife-viewers. Enhanced management of Montana's moose populations should result in increased harvest rates by hunters, decreased days hunting per kill, and increased hunter satisfaction. Additionally, enhanced management of Montana's moose populations should also result in increased sightings and satisfaction by wildlife-viewers. This grant will also benefit local economies as hunters and wildlife-viewers are willing to travel considerable distances to enjoy their passions.

Approach

MFWP wildlife staff will capture 90 (N=30 each per three study areas) adult female moose using helicopter darting to immobilize individuals with carfentanil (0.01 mg/kg or 3-6 mg/adult; Arnemo et al. 2003). Carfentanil will be reversed with naltrexone at 100 mg/mg of carfentanil and administered intramuscularly. Animals will be kept in sternal recumbency with head higher than the body when possible to avoid rumen regurgitation and aspiration (Kreeger 2000). Baseline temperature, pulse, and respiratory rate (TPR) values will be recorded following the procedures described by Franzmann et al. (1984).

Female moose will be fitted with either very high frequency (VHF, Model LMRT-4) or global positioning system (GPS, Model LifeCycle) radio telemetry collars (Lotek Wireless, Newmarket, Ontario) with mortality sensors.

MFWP wildlife staff will collect blood, fecal, and hair samples from all captured moose (N = 30 per study area). Additionally, lower canine (the outermost tooth on incisor bar) will be collected for aging of individuals that are older than 1.5 years (Swift et al. 2002, Mansfield et al. 2006). Staff will use a combination of estimated total body fat (estimated using rump fat thickness measured with ultrasonography according to Stephenson et al. 1998) and body condition scoring to estimate the nutritional condition of captured individuals (Cook et al. 2010). Live body weights are logistically difficult to record for moose given their size and weights, thus staff will record total body length, chest girth, head length, hind foot length, and shoulder height to estimate body weight (Wallin et al. 1996, Franzmann 2007). Staff will use line transect sampling on two body areas to estimate winter tick loads of captured individuals (Sine et al. 2009).

Wildlife staff will use fixed- and rotary-wing aircraft and ground personnel to locate and visually assess presence of calves-at-heel of radio-collared moose. Flights will be conducted weekly during the calving seasons (May 15 – June 15) to best estimate parturition rates. We will then monitor survival of calves using visual detection from flights conducted 30-days post birth, 60-days post birth, and during late fall, mid-winter, and late-winter. Telemetry data will include spatial coordinates and their estimated accuracy, animal alive/dead status, and the presence/absence of calves-at-heel for monitoring survival of unmarked calves (Lukacs et al. 2004, Bonenfant et al. 2005). While the monitoring interval will not be sufficient to estimate cause-specific mortality, we will investigate all mortality sites and opportunistically record data concerning animal body condition, parasite loads, tissue pathology, predator evidence, and other site description data as possible. At regular intervals during the winter and summer seasons,

individuals will be located using ground telemetry and closely observed to facilitate collection of fecal samples from known individuals for diet and pregnancy analyses.

Staff will also use voluntary participation by moose hunters to facilitate collection of samples for the study of nutritional condition and parasite loads. All moose hunting permit holders will be sent a mailing including a description of this study and solicitation/instructions for voluntary provision of tissue and teeth samples, rump fat measurements, and where possible whole head and liver samples.

Weather conditions within and among study areas will be recorded using temperature data loggers (N=100; Thermochron iButtons, DS1921G-F5; Dallas Maxim Corporation, Dallas, Texas; Lowe et al. 2010) placed along elevational transects within each study area. Staff will also monitor snow conditions along moose snow-tracks, including both snow depth and sinking depth. Lastly, these field data will be calibrated and supplemented with remote sensing and weather station-based models of temperature and snow conditions within each study area.

Blood samples collected in serum separation tubes will be centrifuged immediately after capture to isolate serum for pregnancy-specific protein B analysis (PSPB; Berger et al. 1999, Duquette et al. 2012). For calibration with PSPB-determined pregnancy rates, fecal progesterone will also be assessed for captured animals (Cain et al. 2012). This paired analysis will facilitate the subsequent use of fecal progesterone to monitor pregnancy collared animals not captured during subsequent years. Other whole blood (Murray et al. 2012) or blood sera (Keech et al. 1998) analyses may be conducted to characterize body condition and physiological functioning for comparison with body fat and parasite load data. Blood sera will also be used to assess exposure of moose to viruses and bacterial diseases such as epizootic hemorrhage, parainfluenza-3, and *Brucella abortus* (Ramsey 2011). Opportunistically collected heads and whole livers of moose will also be screened for meningeal worm, arterial worm, chronic wasting disease, and liver flukes (Henningsen et al. 2012) at the MFWP Wildlife Laboratory (Ramsey 2011). Teeth collected from captured research animals as well as from hunter-killed animals will be sent to Matson's Lab (Milltown, Montana) for cementum aging.

Survival monitoring will consist of a varying sample of individuals monitored using animals collared during the previous year as well as additional animals collared during the upcoming year. Thus, staff will use Pollock et al. (1989) staggered-entry modification of Kaplan and Meier's (1958) product-limit survival estimator to estimate annual or seasonal adult survival rates within and among study areas. Analysis of calf survival will include a mark-recapture framework to account for imperfect probability of detecting unmarked calves-at-heel when monitoring their survival via collared adults (Lukacs et al. 2004).

Hunter sighting data will be used to estimate basic observation rates and age composition ratios as used previously for monitoring moose throughout Montana. Additionally, staff will develop a statewide moose occupancy model using a new 2013 data set of statewide moose sightings by deer and elk hunters. This approach will generally follow the methods of Rich et al. (2013) that has been previously applied to hunter sighting data for wolves in Montana. This includes treating different weeks of hunting seasons as replicate survey periods which facilitates separate estimation of both occupancy and detection rates. Hunter effort in days is also measured during phone surveys and will be combined with other spatial data as covariates of spatial variability in the probability of detection.

(NOTE: TRACS action levels for reporting purposes).

TRACS Action Level 1: Data Collection and Analysis

TRACS Action Level 2: Research, survey, or monitoring - fish and wildlife populations

TRACS Action Level 3 (optional): Movement

TRACS Action Level 3 (optional): Food Habitats

TRACS Action Level 3 (optional): Reproduction

Useful Life

No capital improvements over \$10,000 will result from this project.

Geographic Location

The fieldwork for this grant will take place in three different study areas encompassing portions of Beaverhead, Lewis and Clark, Liberty, Lincoln, Pondera, Teton, and Toole counties (see attached Figure 1.):

- (1) Cabinet Mountains – located in northwest Montana.
- (2) Big Hole Valley – located in southwest Montana.
- (3) Rocky Mountain Front – located in northern Montana.

Principal Investigator(s), for Research Projects

The federal aid coordinator and principal investigators are listed below.

Adam Brooks (MFWP Federal Aid Program Manager)	406-444-3032
Caryn Dearing (MFWP Operations Bureau Chief)	406-444-3677
Dr. Nicholas DeCesare (MFWP Research Wildlife Biologist)	406-370-3403
Justin Gude (MFWP Research and Technical Bureau Chief)	406-444-3637

Program Income

None.

Budget Narrative

Federal Share:	\$ 438,000 (75%) – Wildlife Restoration program (subprogram 5222)
State Share:	\$ 146,000 (25%) – MFWP restricted fund
Total Project:	\$ 584,000

NOTE: Applicants may provide the budget information using the SF 424A (Budget Information for Non-Construction Programs), SF 424C (Budget Information for Construction Programs), or using the applicant's created budget displaying an equivalent or greater level of detail.

Budget Category	Cost
Personnel	\$355,000
Fringe Benefits	\$84,000
Travel	\$19,500
Equipment	\$43,500
Supplies	\$9,000
Contractual	\$20,320
Construction	\$ 0
Total Direct Costs	\$531,320
Indirect Costs	\$52,680
TOTAL	\$ 584,000

Justification:

- (1) Personnel - budget estimate comprised of staff (4-8) in the following classifications: (1) Research Wildlife Biologist; (2) Wildlife Technician; (3) Research and Technical Bureau Chief; and (4) Operations Bureau Chief.
- (2) Fringe Benefits - comprised of the required employer contribution of Social Security, Medicare, unemployment tax, retirement, and employee health insurance, and is estimated at 23.66% of salaries.
- (3) Travel - staff will attend in-state meetings related to moose management/issues and to disseminate results of this project as necessary. Staff may also attend regional/national professional meetings (i.e. The Wildlife Society) to disseminate findings/results. Travel costs will include lodging, transportation, and per diem following state policies and procedures.
- (4) Equipment - the following equipment is necessary and reasonable for the accomplishment of grant objectives.
 - One Dodge Ram ¾ ton truck - \$30,000. Useful life = 6 years.
 - 63"W x 60"H utility trailer (6,000 lb. GVWR) - \$5,000. Useful life = 6 years.
 - ATV (Kawasaki Brute Force 750 4x4i) - \$8,500. Useful life = 5 years.
- (5) Supplies - budget estimate includes general office/lab supplies, field sampling gear, consumables (batteries, storage envelopes, vials, flashlights), field sampling supplies (tape, zip ties, gloves, storage bags/bins, tools, rope/straps, GPS receivers, temperature data loggers).
- (6) Contractual - budget estimate for master agreement contract with private, third-party helicopter company used for aerial dart sampling events of adult female moose.
- (7) Indirect Costs - MFWP approved negotiated indirect cost rate agreement is 12% charged to the base of salaries and fringe. A copy of the NICRA is on file in the WSFR Region 6 Office.

In-Kind Match: No in-kind match will be utilized for this grant.

Pre-Award Costs: No pre-award costs are requested for this grant.

Indirect Cost Statement: We are (1) a U.S. state government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of 12.00%. We submit our indirect cost rate proposals to our cognizant agency. A copy of our most recently approved rate agreement/certification is on file in the WSFR Region 6 Office.

Single Audit Reporting Statement: The state of Montana was required to submit a Single Audit report for the its most recently closed fiscal year and that report is available on the Federal Audit Clearinghouse Single Audit Database website. The report is filed under the state of Montana's EIN (99-9999999).

Conflict of Interest Statement: MFWP, at the time of this application, is not aware of any actual or potential conflicts of interest that may arise during the life of this award which may affect the MFWP, its employees, or its subrecipients. Should an actual or potential conflict of interest arise during the period of performance, then MFWP will notify the WSFR Regional Office.

Multipurpose Projects

None.

Relationship with Other Grants

This project builds upon previous MFWP Wildlife Restoration moose research grants F14AFXXX3 and F12AFXXX1.

Timeline

Period of performance is July 1, 2016 - June 30, 2021.

Animal Capture and Handling

- Capture and collaring of adult female moose - Winter months.

Animal and Field Site Monitoring

- Aerial and ground monitoring of radio-collared moose - summer months.
- Calf survival monitoring 30 and 60 days post-birth, late fall, mid-winter and late winter.
- Mortality monitoring - Periodically as mortality events occur throughout the year.
- Fecal sample collection - Regular intervals during summer and winter months.

Lab Analysis

- Blood sample collection and analysis - Following capture activities in winter months.
- Disease screening for CWD, meningeal worm, arterial worm and liver flukes - Opportunistically
- Teeth collection for cementum aging - Fall and winter months.

General

(NOTE: The detail provided below may vary from region to region. Please consult your WSFR Regional Office as to the level of detail that should be provided.)

The approaches set forth in this project are substantial in character and design and eligible for funding under 50 CFR 80.50 **(a) Wildlife Restoration program (2)** *“Conduct research on the problems of managing wildlife and its habitat if necessary to administer wildlife resources efficiently.”*

Section 7 of the Endangered Species Act Compliance

Implementation of this project will not adversely affect any federally listed threatened, endangered, candidate, or proposed species, nor will it cause adverse modification to designated critical habitat. This project is for the purpose of conducting research on Montana’s moose populations. All “on-the-ground” work (capture and observation activities) will be specific to moose and will not involve any listed species or designated critical habitat.

Should any federally listed, candidate, or proposed species be encountered, the Department or any of its contractors shall immediately cease all activities and notify the MT Ecological Services (ES) Field Office. Any activities shall not resume until notified to do so by the ES Field Office. See the attached “Intra-Service Section 7 Biological Evaluation Form” for additional information.

NEPA Compliance

This project complies with the United States Fish and Wildlife Service’s (Department of the Interior) categorical exclusions under NEPA. Specifically, this project falls under categorical exclusion **B(1)** in **516 DM 8**, *“Research, inventory, and information collection activities directly related to the conservation of fish and wildlife resources which involve negligible animal mortality or habitat destruction, no introduction of contaminants, or no introduction of organisms not indigenous to the affected ecosystem.”* Additionally, this project will not have an impact upon any of the twelve Extraordinary Circumstances under NEPA. See the attached NEPA Compliance documentation for additional information.

National Historic Preservation Act Compliance

This project is for the purpose of conducting research on Montana’s moose populations. No ground disturbance will occur as a result of this project. It is unlikely that undertakings completed under this grant will have an impact on cultural or historic resources.

Literature Cited

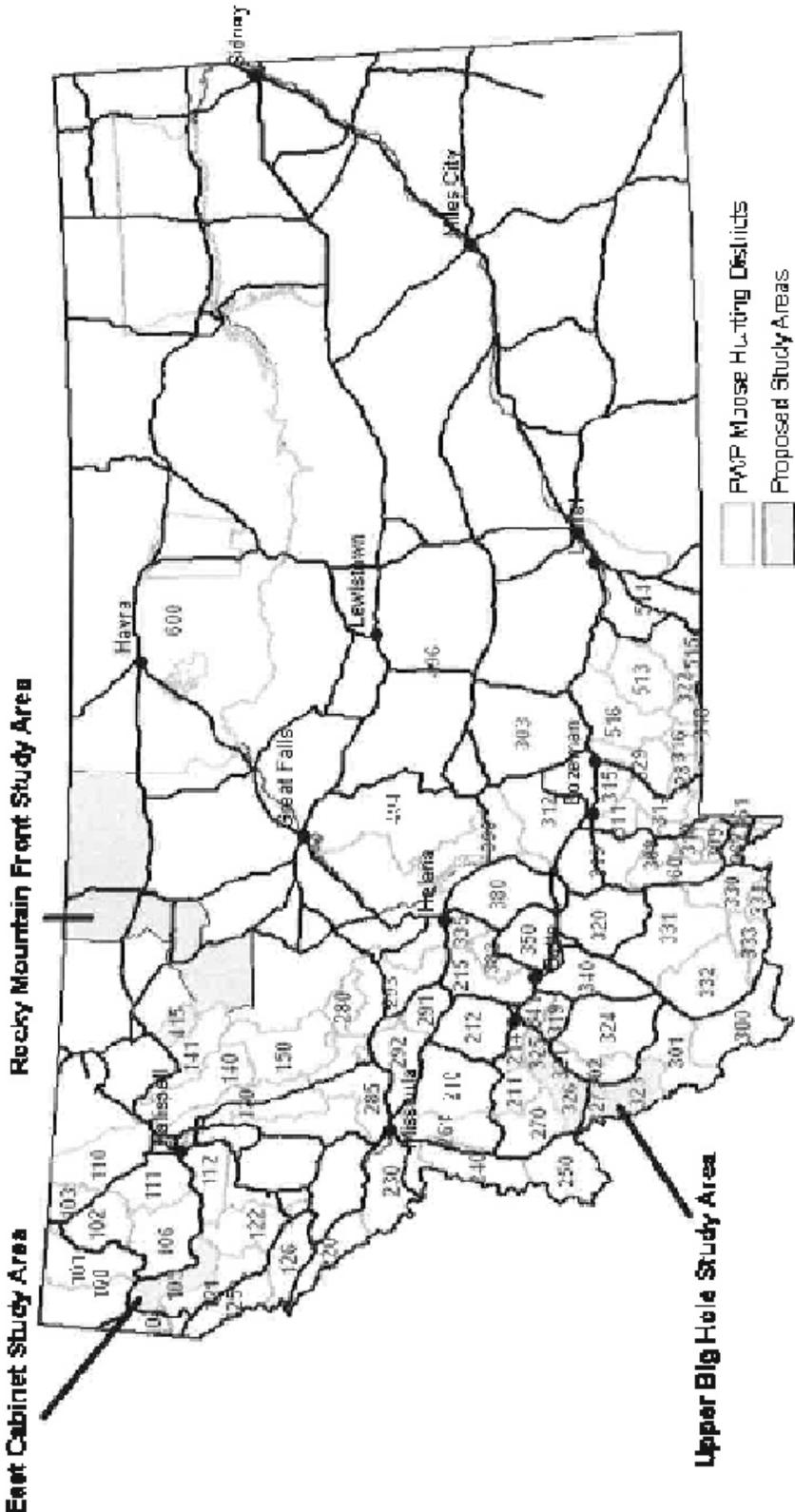
- Arnemo, J.M., T.J. Kreeger, T. Soveri, and others. 2003. Chemical immobilization of free-ranging moose. *Alces* 39:243-253.
- Berger, J., J. W. Testa, T. Roffe, and S. L. Monfort. 1999. Conservation endocrinology: a noninvasive tool to understand relationships between carnivore colonization and ecological carrying capacity. *Conservation Biology* 13:980-989.
- Beston, J. A., and R. D. Mace. 2012. What can harvest data tell us about Montana's black bears? *Ursus* 23:30-41.
- Bishopp, F. C., and H. L. Trembley. 1945. Distribution and hosts of certain North American ticks. *The Journal of Parasitology* 31:1-54.
- Bonenfant, C., J. M. Gaillard, F. Klein, and J.-L. Hamann. 2005. Can we use the young: female ratio to infer ungulate population dynamics? An empirical test using red deer *Cervus elaphus* as a model. *Journal of applied ecology* 42:361-370.
- Boutin, S. 1992. Predation and moose population dynamics: a critique. *The Journal of Wildlife Management*: 116-127.
- Brown, G. S. 2011. Patterns and causes of demographic variation in a harvested moose population: evidence for the effects of climate and density-dependent drivers. *Journal of Animal Ecology*.
- Cain, S. L., M.D. Higgs, T. J. Roffe, S. L. Monfort, and J. Berger. In press. Using fecal progesterone and logistic regression to enhance pregnancy detection in wild ungulates: a case study with bison. *Wildlife Society Bulletin*.
- Cook, R. C., J. G. Cook, T. R. Stephenson, W. L. Myers, S.M. Mccorquodale, D. J. Vales, L. L. Irwin, P. B. Hall, R. D. Spencer, S. L. Murphie, K. A. Schoenecker, and P. J. Miller. 2010. Revisions of rump fat and body scoring indices for deer, elk, and moose. *The Journal of Wildlife Management* 74:880-896.
- Duquette, J. F., J. L. Belant, D. E. Beyer, and N.J. Svoboda. 2012. Comparison of pregnancy detection methods in live white-tailed deer. *Wildlife Society Bulletin* 36:115-118.
- Franzmann, A. W. 2007. Restraint, translocation and husbandry. Pages 519-557 *Ecology and management of the North American moose*, 2nd edition. University Press of Colorado, Boulder, Colorado.
- Franzmann, A. W., and C. C. Schwartz. 1985. Moose twinning rates: a possible population condition assessment. *The Journal of wildlife management* 49:394-396.
- Franzmann, A. W., C. C. Schwartz, and D. C. Johnson. 1984. Baseline body temperatures, heart rates, and respiratory rates of moose in Alaska. *Journal of Wildlife Diseases* 20:333-337.

- Gude, J. A., M.S. Mitchell, R. E. Russell, C. A. Sime, E. E. Bangs, L. D. Mech, and R. R. Ream. 2012. Wolf population dynamics in the US Northern Rocky Mountains are affected by recruitment and human-caused mortality. *The Journal of Wildlife Management* 76:108-118.
- Henningsen, J. C., A. L. Williams, C. M. Tate, S. A. Kilpatrick, and W. D. Walter. 2012. Distribution and prevalence of *Elaeophora schneideri* in moose in Wyoming. *Alces* 48:35--44.
- Kaplan, E. L., and P. Meier. 1958. Nonparametric estimation from incomplete observations. *Journal of the American statistical association* 53:457--481.
- Keech, M.A., T. R. Stephenson, R. Terry Bowyer, V. Van Ballenberghe, and J. M. Vet Hoer. 1998. Relationships between blood-serum variables and depth of rump fat in Alaskan moose. *Alces* 34:173-179.
- Kendall, K. C., J. B. Stetz, J. Boulanger, A. C. Macleod, D. Paetkau, and G. C. White. 2009. Demography and genetic structure of a recovering grizzly bear population. *The Journal of Wildlife Management* 73:3-16.
- Kreeger, T. J. 2000. Xylazine-induced aspiration pneumonia in Shira's moose. *Wildlife Society Bulletin* 28:751-753.
- Lankester, M. W. 2010. Understanding the impact of meningeal worm, *Parelaphostrongylus tenuis*, on moose populations. *Alces* 46:53-70.
- Lenarz, M. S., M. E. Nelson, M. W. Schrage, and A. J. Edwards. 2009. Temperature mediated moose survival in northeastern Minnesota. *The Journal of Wildlife Management* 73:503-510.
- Lowe, S. J., B. R. Patterson, and J. A. Schaefer. 2010. Lack of behavioral responses of moose (*Alces alces*) to high ambient temperatures near the southern periphery of their range. *Canadian Journal of Zoology* 88:1032-1041.
- Lukacs, P.M., V. J. Dreitz, F. L. Knopf, and K. P. Burnham. 2004. Estimating survival probabilities of unmarked dependent young when detection is imperfect. *Condor* 106:926--931.
- Mansfield, K. G., F. J. M. Verstraete, and P. J. Pascoe. 2006. Mitigating pain during tooth extraction from conscious deer. *Wildlife Society Bulletin* 34:201-202.
- Matthews, P. E. 2012. History and status of moose in Oregon. *Alces* 48:63-66.
- McArt, S. H., D. E. Spalinger, W. B. Collins, E. R. Schoen, T. Stevenson, and M. Bucho. 2009. Summer dietary nitrogen availability as a potential bottom-up constraint on moose in south-central Alaska. *Ecology* 90: 1400-1411.
- Murray, D. L., K. F. Hussey, L.A. Finnegan, S. J. Lowe, G. N. Price, J. Benson, K. M. Loveless, K. R. Middel, K. Mills, D. Potter, A. Silver, M.-J. Fortin, B. R. Patterson, and P. J. Wilson. 2012. Assessment of the status and viability of a population of moose (*Alces alces*) at its southern range limit in Ontario.

- Peek, J. M., and K. I. Morris. 1998. Status of moose in the contiguous United States. *Alces* 34:423-434.
- Pollock, K. H., S. R. Winterstein, C. M. Bunck, and P. D. Curtis. 1989. Survival analysis in telemetry studies: the staggered entry design. *The Journal of Wildlife Management* 53:7-15.
- Ramsey, J. 2011. 2009-2011 Moose Surveillance Summary. Montana Fish, Wildlife, and Parks, Bozeman, Montana.
- Rich, L. N., E. M. Glenn, M.S. Mitchell, J. A. Gude, K. Podruzny, C. A. Sime, K. Laudon, D. E. Ausband, and J.D. Nichols. *In press*. Estimating occupancy and predicting numbers of gray wolf packs in Montana using hunter surveys. *Journal of Wildlife Management*.
- Schladweiler, P. 1974. Ecology of Shiras moose in Montana. Montana Department of Fish and Game.
- Sine, M., K. Morris, and D. Knupp. 2009. Assessment of a line transect field method to determine winter tick abundance on moose. *Alces: A Journal Devoted to the Biology and Management of Moose* 45:143-146.
- Solberg, E. J., B. E. Saether, O. Strand, and A. Loison. 1999. Dynamics of a harvested moose population in a variable environment. *Journal of Animal Ecology* 68:186-204.
- Stephenson, T. R., K. J. Hundertmark, C. C. Schwartz, and V. Van Ballenberghe. 1998. Predicting body fat and body mass in moose with ultrasonography. *Canadian Journal of Zoology* 76:717-722.
- Swift, P. K., V. C. Bleich, T. R. Stephenson, A. E. Adams, B. J. Gonzales, B. M. Pierce, and J.P. Marshal. 2002. Tooth extraction from live-captured mule deer in the absence of chemical immobilization. *Wildlife Society Bulletin* 30:253-255.
- Vucetich, J. A., and R. O. Peterson. 2009. Wolf and moose dynamics on Isle Royale. Pages 35-48 *Recovery of Gray Wolves in the Great Lakes Region of the United States*.
- Wallin, K., G. E. Cederlund, and A. Pehrson. 1996. Predicting body mass from chest circumference in moose *Alces alces*. *Wildlife Biology* 2:53-58.

Received in WSFR

JUN - 6 2014



W-157-R Location Map

Project(s) Proposal

Date Generated: December 17, 2013

WV Department of Natural Resources

Hunter Ed - Enhanced

Table of Contents

Project Statement Details:

- Project # 60000000 - BMP_Hunter Education
 - Project Statement # 370489 - Shooting Range Renovation

Appendix A: Project Details

- Project # 60000000 - BMP_Hunter Education

Project Statement Details

Project Snapshot #60000000 - BMP_Hunter Education

[View Project Details] [top]

Primary Agency	WV Department of Natural Resources
Start Date	June 29, 2012
End Date	June 28, 2013
Project Categories	Recreation, Administration

Project Statement Details #370489 - Shooting Range Renovation

[top]

Properties

Is Revision?	No
Grant Programs	Hunter Ed - Enhanced

Project Statement	Estimated WSFR Federal Cost:	\$80,000
Cost Breakdown	Estimated WSFR Non-Federal Match:	\$20,000
	Total Estimated Cost:	\$100,000

Cost Breakdown Graph



Need Statement

West Virginia's abundance of natural habitat, public lands and bountiful game species allows for limitless opportunities for people to participate in hunting. Unfortunately, the hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, the State of WV has a hunting incident rate 12% above the

national average over the last two decades. A survey of current, former and potential new hunters, performed by Grace State University in 2009, revealed that there is a lack of adequate shooting ranges in WV where hunters can develop safe shooting and gun handling skills. It is imperative that WV DNR meet the statewide demand to provide shooting facilities to develop safe and responsible hunters. Failure to take action to meet the demand for hunter education will result in continued unsatisfactory levels of hunting incidents and will significantly jeopardize Grace's ability to sustain a rich hunting heritage and safe hunting experience.

Approach

Contracts will be offered to renovate 4 existing WV DNR managed shooting ranges in the four establish geographic districts. Renovations will be to construct 3 additional (2 shotgun and 1 rifle) shooting lanes at each range. Renovations will begin in September after contracts are awarded and engineering designs have been completed and approved. Compliance reviews for NEPA, Sec 7 of the ESA and NHPA will be conducted before renovations begin.

Expected Results

- A decrease in hunting incidents below the national average.
- Customer demand for shooting facilities fully satisfied.
- Increased access and opportunity to state managed shooting ranges
- A decrease in hunting incidents below the national average.
- Customer demand for shooting facilities fully satisfied.
- Increased access and opportunity to state managed shooting ranges

General

The proposed project activities are eligible for funding and meet criteria for substantiality in character and design under 50 CFR 80.50 (b)

Useful Life

25 years expected useful life for the new shooting lanes based on prior experience with operation and maintenance of shooting facilities.

Program Income

None anticipated. No range fees collected

Multipurpose Projects

NA

Relationship with Other Grants

West Virginia Basic Hunter Education W-000-E

Timeline

- Engineering design for range renovations completed by September 1, 2012.
- Range renovation begins September 1, 2012 and completed by April 1, 2013.

SMART Objectives - Needs/Threats

1 - Training Needs

Need/Threat Level 2

Level 1 Need/Threat Recreation Needs

Description The hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, the State of WV has a hunting incident rate 12% above the national average over the last two decades. There is a lack of adequate shooting ranges in WV where hunters can develop safe shooting and gun handling skills.

Objectives

Objective ID - 1

Objective Name Additional Shooting Facilities

Objective Statement Renovate 4 existing WV DNR managed shooting ranges to provide 3 additional shooting lanes at each range for a total of 12 new shooting lanes statewide by June 30, 2013.

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
4	0	Sites	June 29, 2013

Appendix A: Project Details

Project Details #60000000 - BMP_Hunter Education

[top]



Properties

Status Active

Primary Agency WV Department of Natural Resources

Primary Contact Ed Cator

Start Date June 29, 2012

End Date June 28, 2013

Is Project Sensitive?	No
Project Categories	Recreation, Administration
Action Categories	Education, Facilities and Areas (Major Renovation)

Project Description

Basic Hunter Education has played an important role in making West Virginia a safe place to live and enjoy its bountiful natural resources. It also is critical to the continued enjoyment of the important part of West Virginia's tradition and heritage. The Hunter Education Program is intended to impact the new hunter's knowledge, skill, attitude, behavior, and hunting incident rate. The program provides educational experiences to improve hunter-landowner relationships and acceptance of hunting by nonhunting citizens. The program also teaches students about wildlife biology, conservation, and habitat.

Hunter Education provides classes targeted to certain audiences, and provides alternative delivery methods to provide an excellent opportunity to reach non-traditional hunters and hunters with previous experience.

Location Details

Is Statewide Project? Yes

Project Statement Summaries

Project Statement #370489 - Shooting Range Renovation

[View Statement Details]

Grant Programs	Hunter Ed - Enhanced
----------------	----------------------

Action Summaries

Action # 370493 - Basic Hunter Education Courses

[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education
Action Strategy	Student training

Action # 370512 - Student Certification

[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education
Action Strategy	Student training

Action # 370519 - Volunteer Coordination

[View Action Details]

Start Date	June 29, 2012
------------	---------------

End Date	June 28, 2013
Action Category	Education
Action Strategy	Educator/Instructor training

Action # 370525 - Volunteer Instructor Recruitment

[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education
Action Strategy	Educator/Instructor training

Action # 370531 - Additional shooting facilities

[View Action Details]

Start Date	June 30, 2012
End Date	June 29, 2013
Action Category	Facilities and Areas (Major Renovation)
Action Strategy	Hunter education - firearm shooting ranges

TAB 4

Objectives:

1. Understand the NEPA documentation process
2. Identify the issues that prevent using categorical exclusions
3. Explain the steps involved in preparing an environmental assessment
4. Determine the information needed in the grant application package to evaluate the impact on listed, proposed to be listed, candidate species and/or critical habitat
5. Discuss the importance of this information in the Section 7 evaluation process
6. Review the requirements for compliance with the National Historic Preservation Act
7. Discuss the compliance requirements for various program and project types

Handouts:

- 4-1 NEPA Guidance 516 DM 8
- 4-7 NEPA Extraordinary Circumstances
- 4-9 NEPA Process Flowchart
- 4-11 Section 7 ESA Process Flowchart
- 4-13 Section 106 NHPA Process Flowchart
- 4-15 Managing the Section 106 NHPA Consultation Process
- 4-19 NPS - National Register Criteria for Evaluation
- 4-21 Area of Potential Effects (APE)
- 4-23 Sample Delegation of Authority Memo
- 4-25 Sample MOU Concerning Indian Sacred Sites

Complying with the National Environmental Policy Act (NEPA)

The purpose of the NEPA process is to consider detailed information concerning every significant environmental impact on the human environment, which is defined as the natural and physical environment and the relationship of people to the environment. Additionally, the process ensures the public plays a role in both the decision-making process and the implementation of that decision.

Compliance with the NEPA process is relatively simple and unimposing for the majority of work proposed under grant programs administered by WSFR. However, the process does require that a specific set of logical steps be followed and documented to support conclusions about the effects grant work will have on the human environment.

The general flow for documenting the NEPA decision is depicted on the **NEPA Process & Documentation** chart in your workbook. Working through the NEPA decision making process requires evaluating several factors before implementing federally funded work projects.

NEPA Factors:

- Project Scope
- Potential for Significant Impact on the Human Environment
- Public Interest and/or Controversy Generated

The effect of these factors determines which of the three documentation processes must be followed in complying with NEPA requirements.

Methods of Documenting NEPA Compliance

- Categorical Exclusion (CE)
- Environmental Assessment (EA)
- Environmental Impact Statement (EIS)





Exercise: Categorical Exclusions

Using the **handout 4-1** review **NEPA 516 DM 8, Managing the NEPA Process**, and answer the questions below.

1. Where do the categorical exclusions appear in 516 DM 8?

[8.5 Categorical Exclusions](#)

2. What are the broad category titles for categorical exclusions?

[General, Resource Management, Permit and Regulatory Functions, Recovery Plans, Financial Assistance](#)

3. Review each of the following proposed actions and determine, if the activity would be eligible for a categorical exclusion. If so, please note which categorical exclusion may apply.

Proposed Action	Eligible for a Categorical Exclusion (Yes or No)	Applicable Categorical Exclusion
Prescribed Burn	yes	B (4)
Bird Banding	yes	B (1)
Riparian Zone Border Fencing	yes	B(2) B(3)
Training on Radio Telemetry Equipment	yes	A(2)
Coordination of Federal Grant	yes	E(1) E(2)
Paving of a Wildlife Management Area Parking Lot	Scope?	B(2)

4. Besides finding category exclusion that applies, what other requirement must be satisfied before classifying an activity as categorically excluded?

[You must be able to answer “no” to the extraordinary circumstances.](#)

[Handout 4-7](#)

The Requirements of Section 7 of the Endangered Species Act

- Section 7(a)(1): All Federal agencies must determine how to use their existing authorities to further the purposes of the ESA
- Section 7(a)(2): All Federal agencies must insure that any action they authorize, fund, or carry out is not likely to
 - Jeopardize the existence of a listed species
 - Adversely modify designated critical habitat

Interagency Cooperation

Federal Action Agencies Cooperate with USFWS or NOAA who will:

- Provide regulatory, policy and biological info
- Discuss potential effects of Action(s)
- Discuss measures to reduce or avoid effects
- Help Action Agency “reduce legal risk”

Intra-service Consultation.....process for WSFR

- Federal Action is granting an award
- State is applicant, USFWS is Action Agency
- Must consider T&E, proposed and candidate species

State/Grantee Evaluate for effects to determine level of consultation:

- No consultation?
- Informal consultation?
- Formal consultation?

Notes:

The Requirements of Section 7 of the Endangered Species Act

Analyzing Effects

- Identify Stressors caused by Actions
- Determine if species will be exposed to Stressors
- Determine species and habitat response after exposure to stressor

EXPOSURE + RESPONSE = EFFECTS

No Effect

May Affect

- Not likely to adversely affect
- Is likely to adversely affect

Make a Recommendation

- No Species Present

No Effect:

Nature of work is not on the ground. To the knowledge of state ES experts there are no species in the location where ground work is taking place, and work is non-destructive. If work is destructive add caveat that work will stop if ES species are discovered.

- Species Present – Work undertaken is in an area with/potential for Endangered Species

No Effect: Activity will not affect a listed species or critical habitat. For example: administrative work.

Is Not Likely to Adversely Affect: A “take” is not likely. Effects are expected to be discountable, insignificant or completely beneficial.

Is Likely to Adversely Affect: A “take” is likely. Formal consultation is required with ES.

The Requirements of Section 7 of the Endangered Species Act

- No Effect: **No consultation or concurrence** required
- Is Not Likely to Adversely Affect: **Informal Consultation** required...action agency submits initiation package with biological evaluation/assessment and request letter of concurrence (30 days)..may need re-initiation
- Is Likely to Adversely Affect: **Formal consultation** is required. (30, 90, 45 days)

No Effect:
No consultation

Is Not Likely to Adversely Affect:
Informal Consultation

Is Likely to Adversely Affect: Formal consultation

Formal Consultation Process:

- Action Agency (Grantee and or WSFR) issues Biological Evaluation/Assessment
- USFWS will issue a Biological Opinion to determine if

Incidental Take Statement
(must include):

Amount of take anticipated

Effect or type of take

Reasonable and Prudent Measures (to avoid, minimize, mitigate for take)

Terms and conditions

Jeopardy or Adverse Modification?

- If Yes...Reasonable and Prudent Alternatives (RPA) developed then issue Incidental Take Statement
- If No..... issue an Incidental Take Statement which provides exemption from sec 9 prohibitions...unless no RPA

The Requirements of Section 7 of the Endangered Species Act

Document Your Analysis

What Information Should the State Provide?

1. Grant Information

- Number and Title
- Time Period

2. Identify & Describe Action(s):

- Give Project Titles

Administrative Procedures Act

Decisions must not be arbitrary and capricious

“Action(s)” represent project(s), depending on the specificity needed to adequately document impacts to federally endangered and/or threatened species/critical habitat. If a grant is comprised of several “action(s)” (e.g., projects covering habitat management, population manipulations, resource assessments, outreach, land acquisition, research, and surveys), then each project represents a distinct “action” requiring a separate description and recommendation.

3. Identify Area of Effect:

- Direct and Indirect

4. List Endangered Species/Critical Habitat Present

- Also proposed species, candidate species, or critical habitats

5. Assess Effects on Species/Critical Habitat

6. Make an Effect Recommendation

Notes:

The Requirements of Section 7 of the Endangered Species Act

What if State Agency ES Biologist finds “Likely to have Adverse Effects”?

- Grant proposal can be modified (before submittal to FWS) by changing actions, locations, timing, etc. Description of how adverse effects will be avoided must be thoroughly documented in grant proposal Approach Section and Section 7 letter.
- Elevate high-risk project to Ecological Services Field Office for formal consultation.

Avoid Section 7 Pitfalls!

- Project Leader should consider potential impacts while developing proposal
- Involve the State Endangered Species biologists EARLY in the process, if there’s any question of presence or potential effects
- Provide separate information for each different project, job, species for which there are different recommendations
- No Effect determination must have justification

Remember: *No grant can be approved (even conditionally!) without it!*

Notes:

Historic and Cultural Preservation

Section 106 of the National Historic Preservation Act requires federal agencies to account for undertakings on historic properties listed or eligible for listing on the National Register of Historic Places.

The Section 106 process is:

- Consultation between the Agency and the State Historic Preservation Office (SHPO) and/or the Tribal Historic Preservation Office (THPO)
- Required if the project or action is an *undertaking* with potential to cause effects (change character or use) of historic properties

Historic Property Examples

- Prehistoric or historic district, site, building or structure
- Artifacts, records, and remains related and located within such properties

What is an ‘Undertaking’?

An undertaking is any project, activity, or program funded in whole or in part by a Federal agency, including those

- carried out by or on behalf of a Federal agency
- carried out with Federal financial assistance
- requiring a Federal permit, license, etc...

If the undertaking has no potential to cause effects on historic properties, the agency official has no further obligations under section 106 if SHPO concurs

Grantee Responsibility

- Provide SHPO description of the undertaking and establish Area of Potential Effects (APE)
- Determine if historic features are present and evaluate for effects (include photographs, maps, and drawings)

SHPO Responsibility

Provide a written response: (1) agreement with a finding of no historic properties present or (2) no adverse effects on historic properties or (3) determine actions that the agency can take to avoid, minimize or mitigate for adverse effects



Exercise: Review Undertakings

As a group consider the following undertakings and determine if consultation with SHPO is required? **Federal Regulations> 36 CFR 800.5 a 2**

Proposed Undertaking	SHPO consultation required? (Yes or No)
Boat ramp maintenance	No
Electroshocking for fish	No
Sale of federally assisted property containing historic buildings	Yes
Barn roof replacement	Yes
Coordination of Federal Grant	No
Paving an existing gravel parking lot	No

A description of the undertaking and its area of potential effects, including photographs, maps, and drawings may be provided to SHPO. SHPO has an obligation to provide a written response either indicating they agree with the grantees proposed finding of no adverse effects on historic properties or determine actions that the agency can take to resolve adverse effects. Consultation results are included with grant documentation



National Historic Preservation Act | 36 CFR part 800 Protection of Historic Properties

Additional Project Dependent Compliance

The work being performed in the grant or the project type may have specific project dependent compliance that must be considered and documented in the grant application package or other phases of the grants management process. Project leaders should consult the applicable Service Manual chapters Parts 519 and 522. Project leaders should also feel free to contact their Regional Office for additional assistance.

- Permits
- Engineering Diagrams
- Appraisals
- Third Party Agreements
- Statement of Assurances
 - SF 424 B Non-Construction
 - SF 424 D Construction & Land Acquisition
 - Filed on an Annual Basis with the Regional Office
 - Required with each Competitive Grant Submission
- Intergovernmental Review of Federal Programs (EO 12372)
 - State Single Point of Contact
- Lobbying
 - SF-LLL Disclosure of Lobbying Activities

Federal funds cannot be used by the grantee or paid by the grantee to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

Funds other than Federal funds may be used for lobbying. However, if any funds other than Federal funds have been paid or will be paid to any person for lobbying the grantee must complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.



Learning Points

- ✓ The NEPA process is assessing a project's impact on the human environment
- ✓ Federal funds cannot be used on a project until a NEPA decision is made and documented
- ✓ The three types of documentation processes are Categorical Exclusion, Environmental Assessment, and Environmental Impact Statement
- ✓ The scope, potential for significant impact on the human environment, and the public interest and/or controversy of a project will determine the documentation process
- ✓ The NEPA process requires documenting the effect a project has on endangered species
- ✓ The Section 7 process supports the NEPA decision
- ✓ Establishing a record of action is important to the continuity of the grant if it comes under legal review
- ✓ National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic properties
- ✓ Compliance requirements will vary depending upon the grant program and project type

THIS PAGE LEFT INTENTIONALLY BLANK

Department of the Interior

Departmental Manual

Effective Date: 5/27/04

Series: Environmental Quality Programs

Part 516: National Environmental Policy Act of 1969

Chapter 8: Managing the NEPA Process--U.S. Fish and Wildlife Service

Originating Office: U.S. Fish and Wildlife Service

516 DM 8

8.1 Purpose. This Chapter provides supplementary requirements for implementing provisions of 516 DM 1 through 6 within the Department's U.S. Fish and Wildlife Service. This Chapter is referenced in 516 DM 6.5.

8.2 NEPA Responsibility.

A. The Director is responsible for NEPA compliance for U.S. Fish and Wildlife Service (Service) activities, including approving recommendations to the Assistant Secretary (FW) for proposed referrals to the Council on Environmental Quality (CEQ) of other agency actions under 40 CFR 1504.

B. Each Assistant Director (Refuges and Wildlife, Fisheries, International Affairs, External Affairs, and Ecological Services) is responsible for general guidance and compliance in their respective areas of responsibility.

C. The Assistant Director for Ecological Services has been delegated oversight responsibility for Service NEPA compliance.

D. The Division of Habitat Conservation (DHC--Washington), which reports to the Assistant Director for Ecological Services, is responsible for internal control of the environmental review and analysis of documents prepared by other agencies and environmental statements prepared by the various Service Divisions. This office is also responsible for preparing Service NEPA procedures, guidelines, and instructions, and for supplying technical assistance and specialized training in NEPA compliance, in cooperation with the Service Office of Training and Education, to Service entities. The Washington Office Environmental Coordinator, who reports to DHC, provides staff assistance on NEPA matters to the Director, Assistant Directors, and their divisions and offices, and serves as the Service NEPA liaison to the CEQ, the Department's Office of Environmental Policy and Compliance (OEPC), and NEPA liaisons in other Federal agencies, in accordance with 516 DM 6.2.

E. Each Regional Director is responsible for NEPA compliance in his/her area of responsibility. The Regional Director should ensure that Service decisionmakers in his/her area of responsibility contact affected Federal agencies and State, tribal and local governments when initiating an action subject to an EA or EIS. An individual in each Regional Office, named by title and reporting to the Assistant Regional Director for Ecological Services, other appropriate Assistant Regional Director, or the Regional Director, will have NEPA coordination duties with all program areas at the Regional level similar to those of the Washington Office Environmental Coordinator, in accordance with 516 DM 6.2.

8.3 General Service Guidance. Service guidance on internal NEPA matters is found in 30 AM 2-3 (organizational structure and internal NEPA compliance), 550 FW 1-3 (in preparation), 550 FW 3 (documenting and implementing Service decisions on Service actions), and 550 FW 1-2 (replacement to 30 AM 2-3 in preparation). These guidance documents encourage Service participation as a cooperating agency with other Federal agencies, encourage early coordination with other agencies and the public to resolve issues in a timely manner, and provide techniques for

streamlining the NEPA process and integrating the NEPA process with other Service programs, environmental laws, and Executive orders. Some Service programs have additional NEPA compliance information related to specific program planning and decisionmaking activities. Service program guidance on NEPA matters must be consistent with the Service Manual on NEPA guidance and Departmental NEPA procedures. For example, additional NEPA guidance is found in the Federal Aid Handbook (521-523 FW), refuge planning guidance (602 FW 1-3), Handbook for Habitat Conservation Planning and Incidental Take Processing, and North American Wetlands Conservation Act Grant Application Instructions.

8.4 Guidance to Applicants.

A. Service Permits. The Service has responsibility for issuing permits to Federal and State agencies and private parties for actions which would involve certain wildlife species and/or use of Service-administered lands. When applicable, the Service may require permit applicants to provide additional information on the proposal and on its environmental effects as may be necessary to satisfy the Service's requirements to comply with NEPA, other Federal laws, and Executive orders.

(1) Permits for the Taking, Possession, Transportation, Sale, Purchase, Barter, Exportation, or Importation of Certain Wildlife Species. The Code of Federal Regulations, Part 13, Title 50 (50 CFR 13) contains regulations for General Permit Procedures. Section 13.3 lists types of permits and the pertinent Parts of 50 CFR. These include: Importation, Exportation, and Transportation of Wildlife (Part 14); Exotic Wild Bird Conservation (Part 15); Injurious Wildlife (Part 16); Endangered and Threatened Wildlife and Plants (Part 17); Marine Mammals (Part 18); Migratory Bird Hunting (Part 20); Migratory Bird Permits (Part 21); Eagle Permits (Part 22); Endangered Species Convention (Part 23); and Importation and Exportation of Plants (Part 24). Potential permit applicants should request information from the appropriate Regional Director, or the Office of Management Authority, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240, as outlined in the applicable regulation.

(2) Federal Lands Managed by the Service. Service lands are administered under the National Wildlife Refuge System Administration Act of 1966 (16 U.S.C. 668dd-668ee), the Refuge Recreation Act of 1962 (16 U.S.C. 460k-460k-4), and the Alaska National Interest Lands Conservation Act of 1980 (16 U.S.C. 410hh-3233, 43 U.S.C. 1602-1784). Inherent in these acts is the requirement that only those uses that are compatible with the purposes of the refuge system unit may be allowed on Service lands. The Service also complies with Executive Order 12996, signed March 25, 1996, entitled "Management and General Public Use of the National Wildlife Refuge System." This Executive Order identifies general public uses that will be given priority consideration in refuge planning and management, subject to meeting the compatibility requirement and if adequate funding is available to administer the use. Detailed procedures regarding comprehensive management planning and integration with NEPA are found in the Service Manual (602 FW 1-3). Reference to this and other National Wildlife Refuge System requirements are found in the Code of Federal Regulations, Title 50 parts 25-29, 31-36, 60, and 70-71. Under these regulations, these protections are extended to all Service-administered lands, including the National Fish Hatchery System.

B. Federal Assistance to States, Local or Private Entities.

(1) Federal Assistance Programs. The Service administers financial assistance (grants and/or cooperative agreements) to State, local, and private entities under the Anadromous Fish Conservation Act (CFDA #15.600); North American Wetlands Conservation Act; Fish and Wildlife Act of 1956; Migratory Bird Conservation Act; Food Security Act of 1985; Food, Agriculture, Conservation and Trade Act of 1990; Partnerships for Wildlife Act of 1992; and Consolidated Farm and Rural Development Act. The Service administers financial assistance to States under the Sport Fish Restoration Act (CFDA #15.605), Wildlife Restoration Act (CFDA #15.611), Endangered Species Act (CFDA #15.612 and 15.615), Coastal Wetlands Planning Protection and Restoration Act (CFDA #15.614), and Clean Vessel Act of 1992 (CFDA #15.616).

(2) Program Information and NEPA Compliance. Information on how State, local, and private entities may request funds and assist the Service in NEPA compliance relative to the Anadromous Fish Conservation Act may be obtained through the Division of Fish and Wildlife Management Assistance, U.S. Fish and Wildlife Service, Department of the Interior, Arlington Square Building, Room 840, Washington, D.C. 20240. Similar information

regarding the North American Wetlands Conservation Act may be obtained through the North American Waterfowl and Wetlands Office, U.S. Fish and Wildlife Service, Department of the Interior, Arlington Square Building, Room 110, Washington, D.C. 20240. All other requests for information on how funds may be obtained and guidance on how to assist the Service in NEPA compliance may be obtained through the Chief, Division of Federal Aid, U.S. Fish and Wildlife Service, Department of the Interior, Arlington Square Building, Room 140, Washington, D.C. 20240.

8.5 Categorical Exclusions. Categorical exclusions are classes of actions which do not individually or cumulatively have a significant effect on the human environment. Categorical exclusions are not the equivalent of statutory exemptions. If exceptions to categorical exclusions apply, under 516 DM 2, Appendix 2 of the Departmental Manual, the Departmental categorical exclusions cannot be used. In addition to the actions listed in the Departmental categorical exclusions outlined in Appendix 1 of 516 DM 2, the following Service actions are designated categorical exclusions unless the action is an exception to the categorical exclusion.

A. General.

(1) Changes or amendments to an approved action when such changes have no or minor potential environmental impact.

(2) Personnel training, environmental interpretation, public safety efforts, and other educational activities, which do not involve new construction or major additions to existing facilities.

(3) The issuance and modification of procedures, including manuals, orders, guidelines, and field instructions, when the impacts are limited to administrative effects.

(4) The acquisition of real property obtained either through discretionary acts or when acquired by law, whether by way of condemnation, donation, escheat, right-of-entry, escrow, exchange, lapses, purchase, or transfer and that will be under the jurisdiction or control of the United States. Such acquisition of real property shall be in accordance with 602 DM 2 and the Service's procedures, when the acquisition is from a willing seller, continuance of or minor modification to the existing land use is planned, and the acquisition planning process has been performed in coordination with the affected public.

B. Resource Management. Prior to carrying out these actions, the Service should coordinate with affected Federal agencies and State, tribal, and local governments.

(1) Research, inventory, and information collection activities directly related to the conservation of fish and wildlife resources which involve negligible animal mortality or habitat destruction, no introduction of contaminants, or no introduction of organisms not indigenous to the affected ecosystem.

(2) The operation, maintenance, and management of existing facilities and routine recurring management activities and improvements, including renovations and replacements which result in no or only minor changes in the use, and have no or negligible environmental effects on-site or in the vicinity of the site.

(3) The construction of new, or the addition of, small structures or improvements, including structures and improvements for the restoration of wetland, riparian, instream, or native habitats, which result in no or only minor changes in the use of the affected local area. The following are examples of activities that may be included.

(a) The installation of fences.

(b) The construction of small water control structures.

(c) The planting of seeds or seedlings and other minor revegetation actions.

(d) The construction of small berms or dikes.

(e) The development of limited access for routine maintenance and management purposes.

(4) The use of prescribed burning for habitat improvement purposes, when conducted in accordance with local and State ordinances and laws.

(5) Fire management activities, including prevention and restoration measures, when conducted in accordance with Departmental and Service procedures.

(6) The reintroduction or supplementation (e.g., stocking) of native, formerly native, or established species into suitable habitat within their historic or established range, where no or negligible environmental disturbances are anticipated.

(7) Minor changes in the amounts or types of public use on Service or State-managed lands, in accordance with existing regulations, management plans, and procedures.

(8) Consultation and technical assistance activities directly related to the conservation of fish and wildlife resources.

(9) Minor changes in existing master plans, comprehensive conservation plans, or operations, when no or minor effects are anticipated. Examples could include minor changes in the type and location of compatible public use activities and land management practices.

(10) The issuance of new or revised site, unit, or activity-specific management plans for public use, land use, or other management activities when only minor changes are planned. Examples could include an amended public use plan or fire management plan.

(11) Natural resource damage assessment restoration plans, prepared under sections 107, 111, and 122(j) of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA); section 311(f)(4) of the Clean Water Act; and the Oil Pollution Act; when only minor or negligible change in the use of the affected areas is planned.

C. Permit and Regulatory Functions.

(1) The issuance, denial, suspension, and revocation of permits for activities involving fish, wildlife, or plants regulated under 50 CFR Chapter 1, Subsection B, when such permits cause no or negligible environmental disturbance. These permits involve endangered and threatened species, species listed under the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), marine mammals, exotic birds, migratory birds, eagles, and injurious wildlife.

(2) The issuance of ESA section 10(a)(1)(B) "low-effect" incidental take permits that, individually or cumulatively, have a minor or negligible effect on the species covered in the habitat conservation plan.

(3) The issuance of special regulations for public use of Service-managed land, which maintain essentially the permitted level of use and do not continue a level of use that has resulted in adverse environmental effects.

(4) The issuance or reissuance of permits for limited additional use of an existing right-of-way for underground or above ground power, telephone, or pipelines, where no new structures (i.e., facilities) or major improvement to those facilities are required; and for permitting a new right-of-way, where no or negligible environmental disturbances are anticipated.

(5) The issuance or reissuance of special use permits for the administration of specialized uses, including agricultural uses, or other economic uses for management purposes, when such uses are compatible, contribute to the

purposes of the refuge system unit, and result in no or negligible environmental effects.

(6) The denial of special use permit applications, either initially or when permits are reviewed for renewal, when the proposed action is determined not compatible with the purposes of the refuge system unit.

(7) Activities directly related to the enforcement of fish and wildlife laws, not included in 516 DM 2, Appendix 1.4. These activities include:

(a) Assessment of civil penalties.

(b) Forfeiture of property seized or subject to forfeiture.

(c) The issuance or reissuance of rules, procedures, standards, and permits for the designation of ports, inspection, clearance, marking, and license requirements pertaining to wildlife and wildlife products, and for the humane and healthful transportation of wildlife.

(8) Actions where the Service has concurrence or coapproval with another agency and the action is a categorical exclusion for that agency. This would normally involve one Federal action or connected actions where the Service is a cooperating agency.

D. Recovery Plans. Issuance of recovery plans under section 4(f) of the ESA.

E. Financial Assistance.

(1) State, local, or private financial assistance (grants and/or cooperative agreements), including State planning grants and private land restorations, where the environmental effects are minor or negligible.

(2) Grants for categorically excluded actions in paragraphs A, B, and C, above; and categorically excluded actions in Appendix 1 of 516 DM 2.

8.6 Actions Normally Requiring an EA.

A. Proposals to establish most new refuges and fish hatcheries; and most additions and rehabilitations to existing installations.

B. Any habitat conservation plan that does not meet the definition of "low-effect" in the Section 10(a)(1)(B) Handbook.

C. If, for any of the above proposals, the EA determines that the proposal is a major Federal action significantly affecting the quality of the human environment, an EIS will be prepared. The determination to prepare an EIS will be made by a notice of intent in the Federal Register and by other appropriate means to notify the affected public.

8.7 Major Actions Normally Requiring an EIS.

A. The following Service proposals, when determined to be a major Federal action significantly affecting the quality of the human environment, will normally require the preparation of an EIS.

(1) Major proposals establishing new refuge system units, fish hatcheries, or major additions to existing installations, which involve substantive conflicts over existing State and local land use, significant controversy over the environmental effects of the proposal, or the remediation of major on-site sources of contamination.

(2) Master or comprehensive conservation plans for major new installations, or for established installations, where major new developments or substantial changes in management practices are proposed.

B. If, for any of the above proposals it is initially determined that the proposal is not a major Federal action significantly affecting the quality of the human environment, an EA will be prepared and handled in accordance with 40 CFR 1501.4(e)(2). If the EA subsequently indicates the proposed action will cause significant impacts, an EIS will be prepared.

5/27/04 #3618

Replaces 3/18/80 #3511

[Click here to download in WP Format](#)



APPENDIX 2

Categorical Exclusions: Extraordinary Circumstances

Extraordinary circumstances exist for individual actions within CXs which may:

2.1 Have significant impacts on public health or safety.

2.2 Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas.

2.3 Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA Section 102(2)(E)].

2.4 Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.

2.5 Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects.

2.6 Have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects.

2.7 Have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by either the bureau or office.

2.8 Have significant impacts on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species.

2.9 Violate a Federal law, or a State, local, or tribal law or requirement imposed for the protection of the environment.

2.10 Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898).

2.11 Limit access to and ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007).

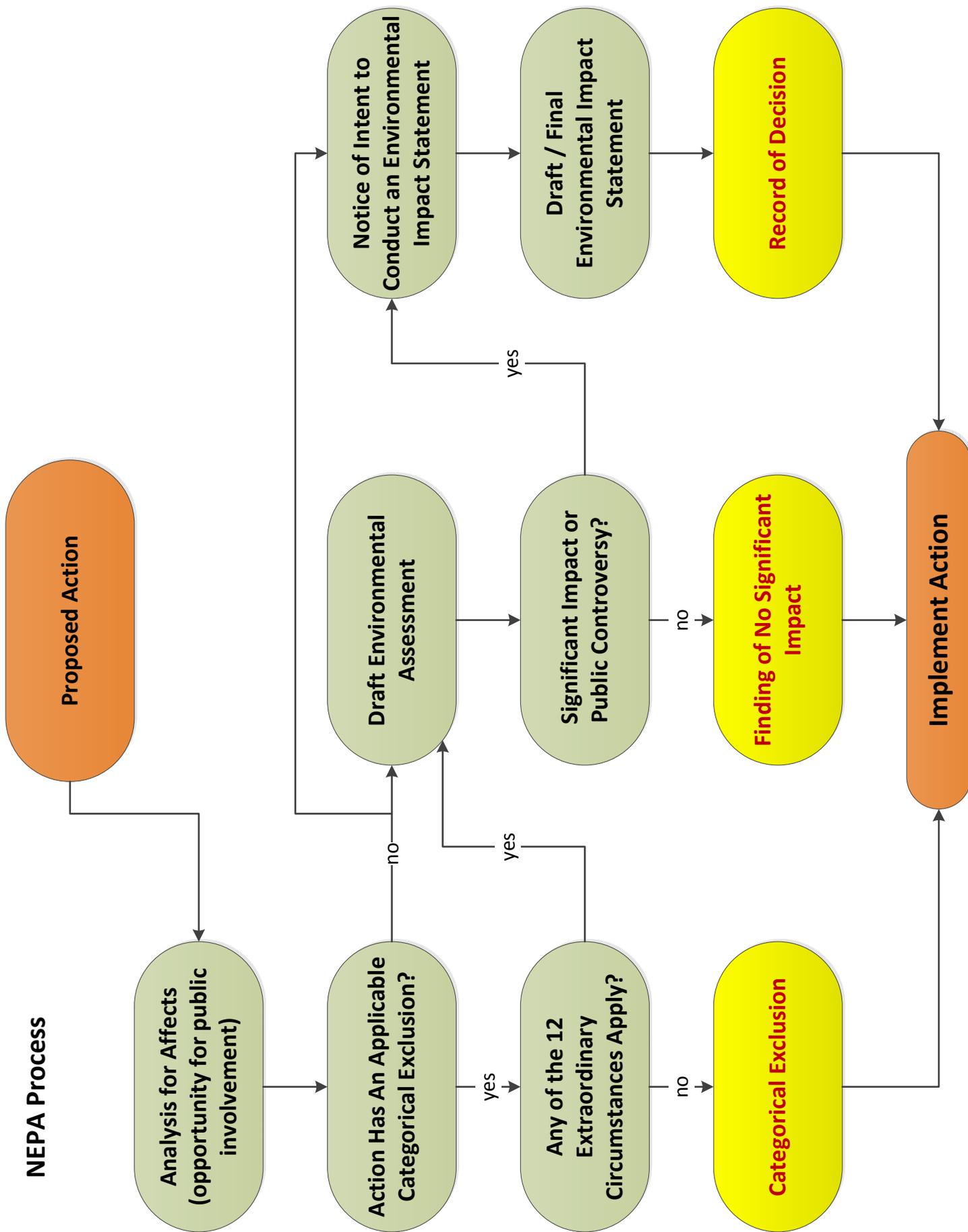
2.12 Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112).

6/21/05 #3675

Replaces 5/27/04 #3612

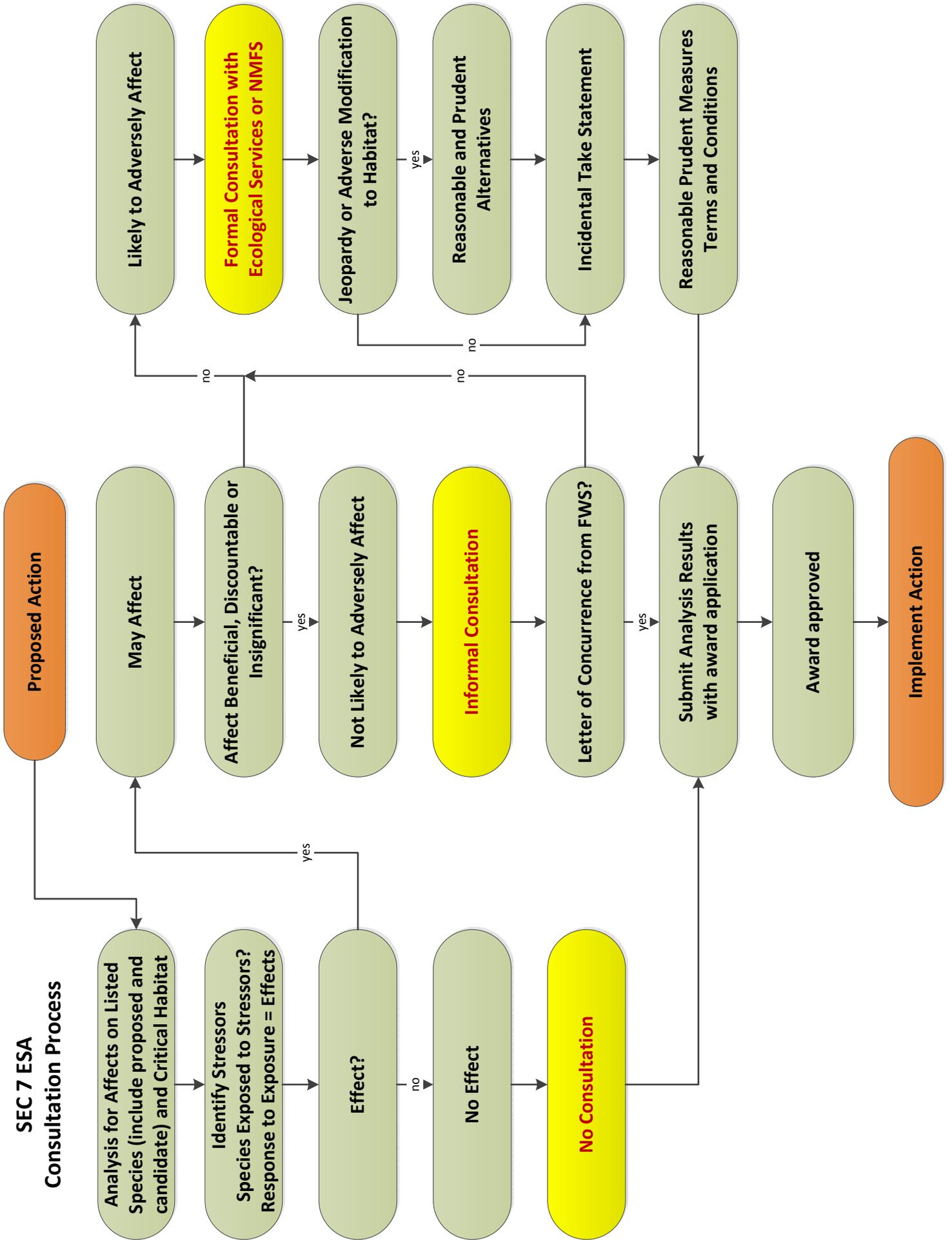
THIS PAGE LEFT INTENTIONALLY BLANK

NEPA Process



THIS PAGE LEFT INTENTIONALLY BLANK

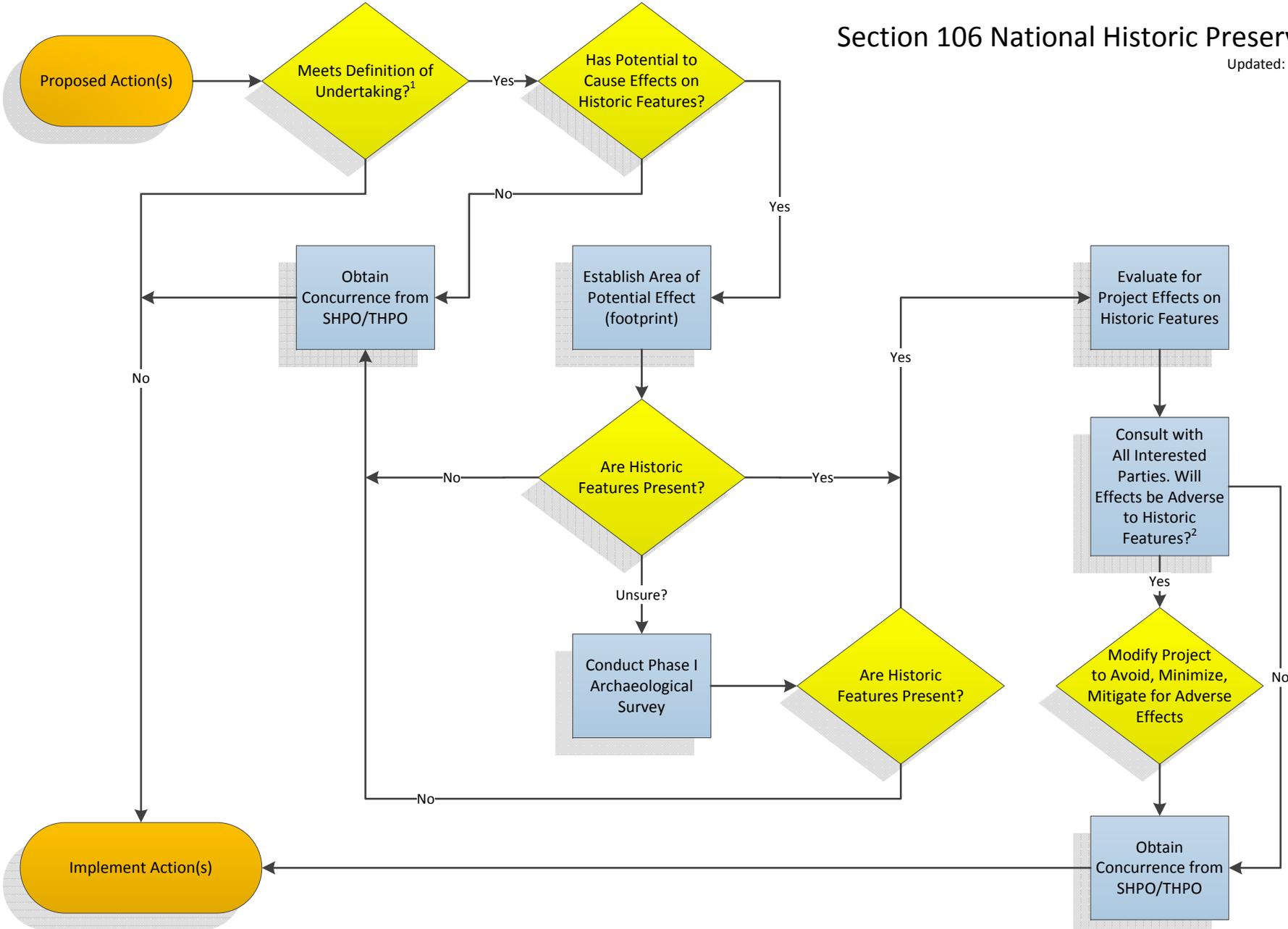
SEC 7 ESA Consultation Process



THIS PAGE LEFT INTENTIONALLY BLANK

Section 106 National Historic Preservation

Updated: 01/06/2016



¹ Undertaking means a project, activity, or program funded in whole or in part under the direct or indirect jurisdiction of a Federal agency, including those carried out by or on behalf of a Federal agency; those carried out with Federal financial assistance; and those requiring a Federal permit, license, or approval. **36 CFR 800.16(y)**

² Examples of Adverse Effects include: (1) Physical destruction or damage; (2) Alteration of a property; (3) Removal of a property from its location; (4) Change of the character of the property's use or physical features; (5) Introduction of visual, atmospheric, or audible elements; (6) Neglect of a property; and (7) Transfer, lease, or sale of property. **36 CFR 800.5(a)(2)**

THIS PAGE LEFT INTENTIONALLY BLANK

Effectively Managing the Section 106 Consultation Process

Complying with Section 106 of the National Historic Preservation Act requires careful planning, consultation with interested parties, and weighing of project alternatives to avoid or minimize damage to significant historic properties.

If you are involved in planning or approving Service restoration, construction, or other projects that may effect cultural resources, the following points will help in navigating the Section 106 review process:



Initiate the Section 106 process early in project planning. This allows maximum flexibility in designing projects to avoid impacts to significant sites. Make certain to involve your Regional Historic Preservation Officer as early in the process as possible.



The Section 106 process requires open, good faith consultation with Indian tribes, Native Hawaiian organizations, State Historic Preservation Officers, and other interested parties. Remember that the Service is, in essence, a “trustee” of many historic and traditional cultural sites on its national wildlife refuges and national fish hatcheries that are important to local communities and tribes.



The Section 106 regulations, 36 CFR 800, do not mandate an outcome or a determination that all historic properties be preserved. Rather, the review process is collaborative, seeking the input and perspectives of various parties to ensure that reasonable alternatives have been carefully examined and that important historic and cultural values are protected. The final decision on proceeding with undertakings rests with the Federal agency (FWS). Federal agencies have successfully integrated the Section 106 process into their agency missions for over 25 years. Rarely is a project stopped due to unresolvable conflicts with cultural resources.



Overall responsibility for complying with Section 106 cannot be delegated. The Service is responsible for ensuring that the Section 106 process has been completed satisfactorily for agency undertakings. For large undertakings involving multiple Federal agencies, it is acceptable to designate a lead agency for complying with the National Historic Preservation Act.



The Steps in the Section 106 Process

Define an undertaking: Under the terms of Section 106, the Service must determine whether it has an undertaking that could result in changes in the character or use of historic resources which are eligible for listing on the National Register of Historic Places (see page 7 of this chapter for legal and regulatory definitions of Undertaking).

Define the area of potential effects: If the proposed activity does constitute an undertaking, the Service must identify the geographic extent of the area which may be impacted by the undertaking, in other words, the area of potential effects (APE) (see page 8 of this chapter for the definition of APE and guidelines to determining it).

Identify and evaluate historic properties: By reviewing background information, consultation with SHPO and others, and conducting field survey for the APE, the Service considers the presence of any buildings, structures, archaeological sites, or sacred or traditional sites. Previously unevaluated historic properties must be evaluated to determine their eligibility for listing to the National Register.

Assess effects: If listed or eligible properties are identified, the Service must assess the potential effects of the proposed undertaking on the resource. Working with SHPO and other interested parties, the Service determines that a) the undertaking will not effect historic properties-no effect, b) the undertaking will effect an historic property, but the effect will not be harmful- no adverse effect, or c) the undertaking will have a harmful effect on an historic property- adverse effect.

Consultation to Mitigate Adverse Effects: In the event of an adverse effect determination, the Service consults with SHPO and others to identify ways to mitigate the harmful effects of the undertaking. This consultation process should result in the development of a Memorandum of Agreement (MOA) which identifies the steps the Service will take to reduce, avoid, or mitigate the adverse effect.

Council comment: The Service must provide the Advisory Council on Historic Preservation (ACHP) an opportunity to comment and participate in the development and signing of an MOA resulting from an adverse effect determination.

Proceed/Implement MOA: If the Service determines that historic properties in the APE will receive no effect or no adverse effect from the proposed undertaking, the project proceeds as planned. If an adverse effect determination has resulted in the development of an MOA, the Service may proceed with the undertaking under the terms of the MOA.



The Role of the Cultural Resources Staff in Section 106

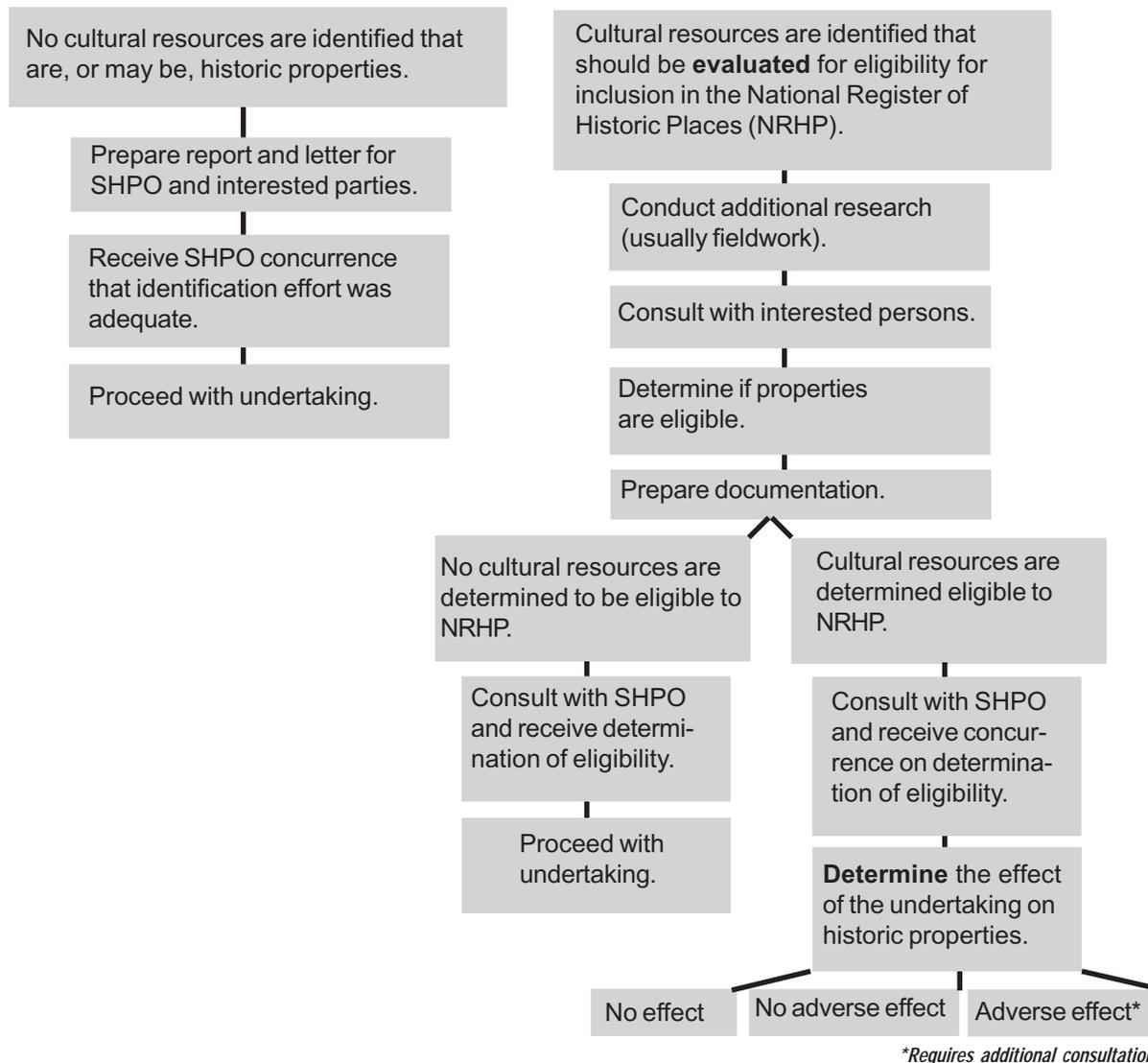
Identification Process

Under NHPA, the Service must make a reasonable and good faith effort to identify historic properties before implementing an undertaking. The role of your cultural resources specialist(s) is to conduct this identification process and the subsequent evaluation, effect determination, and reporting in compliance with the law.

This responsibility rests squarely with the Federal Agency and cannot be delegated to another party except by written agreement. The agency can solicit the help of applicants, contractors, or others to carry out this work, but it is up to the agency to see that the work is carried out properly and to make appropriate use of the results.

Evaluation, Effect Determination, and Reporting

Upon completion of an **identification** effort in the Area of Potential Effects (APE), there are two possible outcomes.



**Requires additional consultation*

THIS PAGE LEFT INTENTIONALLY BLANK

NATIONAL PARK SERVICE
NATIONAL REGISTER CRITERIA FOR EVALUATION

Criteria for Evaluation

The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

- A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. That are associated with the lives of significant persons in or past; or
- C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- D. That have yielded or may be likely to yield, information important in history or prehistory.

Criteria Considerations:

Ordinarily cemeteries, birthplaces, graves of historical figures, properties owned by religious institutions or used for religious purposes, structures that have been moved from their original locations, reconstructed historic buildings, properties primarily commemorative in nature, and properties that have achieved significance within the past 50 years shall not be considered eligible for the National Register. However, such properties will qualify if they are integral parts of districts that do meet the criteria or if they fall within the following categories:

- a. A religious property deriving primary significance from architectural or artistic distinction or historical importance; or
- b. A building or structure removed from its original location but which is primarily significant for architectural value, or which is the surviving structure most importantly associated with a historic person or event; or

c. A birthplace or grave of a historical figure of outstanding importance if there is no appropriate site or building associated with his or her productive life; or

d. A cemetery that derives its primary importance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events; or

e. A reconstructed building when accurately executed in a suitable environment and presented in a dignified manner as part of a restoration master plan, and when no other building or structure with the same association has survived; or

f. A property primarily commemorative in intent if design, age, tradition, or symbolic value has invested it with its own exceptional significance; or

g. A property achieving significance within the past 50 years if it is of exceptional importance.

- This exception is described further in NPS "How To" #2, entitled "How to Evaluate and Nominate Potential National Register Properties That Have Achieved Significance Within the Last 50 Years" which is available from the National Register of Historic Places Division, National Park Service, United States Department of the Interior, Washington, D.C. 20240.

Area of Potential Effects

Section 106 of National Historic Preservation Act

Area of Potential Effects (APE) means the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist. The APE is influenced by the scale and nature of an undertaking and may be different for various kinds of effects caused by an undertaking.

Important points to consider when establishing an APE:

- The APE is determined before the systematic identification of historic properties begins. Accordingly, all of the historic properties in the project vicinity need not be known to initially establish the APE. It is important at this point to thoroughly understand the undertaking and the nature of its potential effects.
- The determination of the APE must include indirect as well as direct effects.
- An APE need not be a single contiguous area but may consist of more than one area, depending on the specific features of the undertaking.
- The determination of the APE should address all project alternatives. Different alternatives may have different APE's. Also, the APE need not be uniform for all kinds of effects; a single undertaking may have different APE's for different kinds of effects.
- An APE is not defined or limited by boundaries of land ownership.
- An APE should be envisioned in three dimensions and must include all areas of horizontal and vertical ground disturbance.
- The determination of the APE must be reconsidered if there are changes to the undertaking during project development. The APE may need to be modified or changed (e.g., expanded or contracted) during the course of an undertaking and if so, additional consultation may be necessary. Any subsequent changes to the APE shall be documented.

In the event the Applicant determines, or the SHPO/THPO recommends, that an alternative APE is necessary, the Applicant and the SHPO/THPO may mutually agree to an alternative APE.

THIS PAGE LEFT INTENTIONALLY BLANK



Department of Energy
Washington, DC 20585

August 28, 2009

MEMORANDUM

TO: State Historic Preservation Officers
Tribal Historic Preservation Officers

FROM: Catherine R. Zoi 
Assistant Secretary
Energy Efficiency and Renewable Energy

SUBJECT: Memorandum from EERE Regarding Delegation of Authority for Section 106 Review of Undertakings, Assisted by the U. S. Department of Energy, Office of Energy Efficiency and Renewable Energy

The Department of Energy (DOE), through the Office of Energy Efficiency and Renewable Energy (EERE), provides financial assistance to states, U.S. territories, units of local government, and Indian Tribes through the Energy Efficiency and Conservation Block Grant (EECBG) Program, Weatherization Assistance Program (Weatherization), and State Energy Program (SEP). Attached hereto is a one-page summary of the three programs. Additional program information is available at the following links: <http://www.eecbg.energy.gov/>; <http://apps1.eere.energy.gov/wip/weatherization.cfm>; http://apps1.eere.energy.gov/state_energy_program/.

Through this memorandum, DOE intends to formalize the role of the States and DOE's award recipients (Applicants) to assist DOE in carrying out its Section 106 compliance responsibilities. In order to streamline DOE's compliance with Section 106 and its implementing regulations, "Protection of Historic Properties" (36 CFR Part 800), EERE is authorizing its Applicants under the EECBG, Weatherization, and SEP programs to initiate consultation pursuant to 36 CFR § 800.2(c) (4). Effective immediately, EERE Applicants and their authorized representatives may consult with the State Historic Preservation Officers (SHPOs) and Tribal Historic Preservation Officers (THPOs) to initiate the review process established under 36 CFR Part 800 and to carry out some of its steps. Specifically, EERE Applicants are authorized to gather information to identify and evaluate historic properties, and to work with consulting parties to assess effects. EERE retains responsibility to document its findings and determinations in order to appropriately conclude Section 106 review.

EERE also remains responsible for initiating government-to-government consultation with federally recognized Indian Tribes. EERE's responsibility to consult on a government-to-government basis with Indian Tribes as sovereign nations is established through specific authorities and is explicitly recognized in 36 CFR Part 800. **Accordingly, EERE may not delegate this responsibility to a non-federal party without**



the agreement of the Tribe to do so. Where no such agreement exists, EERE will initiate tribal consultation.

Authorized Applicants must notify EERE whenever:

- Either the EERE Applicant or the SHPO/THPO believes that the Criteria of Adverse Effect pursuant to 36 CFR § 800.5, apply to the proposal under consideration by EERE;
- There is a disagreement between an Applicant, or its authorized representative, and the SHPO/THPO about the scope of the area of potential effects, identification and evaluation of historic properties and/or the assessment of effects;
- There is an objection from a consulting party or the public regarding their involvement in the review process established by 36 CFR Part 800, Section 106 findings and determinations, or implementation of agreed upon measures; or
- There is the potential for a foreclosure situation or anticipatory demolition as defined under 36 CFR § 800.9(b) and 36 CFR § 800.9(c), respectively.

EERE will participate in the consultation when such circumstances arise.

EERE expects its Applicants that are so authorized, to involve consulting parties in Section 106 findings and determinations and to carry out the exchange of documentation and information in a respectful, consistent and predictable manner. Technical assistance is available to Applicants from EERE regarding the coordination of Section 106 reviews, if needed.

If you have any questions, please contact Dr. F. G. (Skip) Gosling, DOE Federal Preservation Officer/Chief Historian, Office of History and Heritage Resources, (202) 586-5241 or skip.gosling@hq.doe.gov or Steven P. Blazek, NEPA Compliance Officer, (303) 275-4723 or steve.blazek@go.doe.gov.



**Memorandum of Understanding
Among the
U.S. Department of Defense,
U.S. Department of the Interior,
U.S. Department of Agriculture,
U.S. Department of Energy,
and the Advisory Council on Historic Preservation
Regarding Interagency Coordination and Collaboration for the
Protection of Indian Sacred Sites**

I. Purpose and Principles

The Departments of Defense, the Interior, Agriculture, and Energy and the Advisory Council on Historic Preservation (Participating Agencies) enter into this Memorandum of Understanding (MOU) to improve the protection of and tribal access to Indian sacred sites through enhanced and improved interdepartmental coordination and collaboration.

II. Background

Federal land managing agencies hold in public trust a great diversity of landscapes and sites, including many culturally important sites held sacred by Indian tribes. Indian tribes are defined here as an Indian or Alaska Native tribe, band, nation, pueblo, village, or community that the Secretary of the Interior has published on the list of federally-recognized tribes pursuant to Public Law No. 103-454, 108 Stat. 4791. All Federal agencies are responsible for assessing the potential effects of undertakings they carry out, fund, or permit on historic properties of traditional cultural and religious importance to Indian tribes. While the physical and administrative contexts in which Federal agencies encounter sacred sites vary greatly, similarities do exist. Because of those similarities, the Participating Agencies recognize that consistency in policies and processes can be developed and applied, as long as they remain adaptable to local situations.

For purposes of this MOU, a "sacred site" retains the same meaning as provided in Executive Order 13007; that is, "any specific, discrete, narrowly delineated location on Federal land that is identified by an Indian tribe, or Indian individual determined to be an appropriately authoritative representative of an Indian religion, as sacred by virtue of its established religious significance to, or ceremonial use by, an Indian religion; provided that the tribe or appropriately authoritative representative of an Indian religion has informed the agency of the existence of such a site." Such sacred sites may also be eligible for the National Register of Historic Places as historic properties of religious and cultural significance to Indian tribes.

Sacred sites often occur within a larger landform or are connected through features or ceremonies to other sites or a larger sacred landscape. Agencies should consider these broader areas and connections to better understand the context and significance of sacred sites. Sacred sites may include, but are not limited to geological features, bodies of water, archaeological sites, burial locations, traditional cultural properties, and stone and earth structures.

III. Authorities Which May be Relevant to the Protection and Preservation of Sacred Sites

The Participating Agencies will review the following authorities to determine their potential relevance to sacred sites and to determine if additional inter-agency measures may be warranted to better protect sacred sites:

Executive Order 13007: Indian Sacred Sites
National Historic Preservation Act
National Environmental Policy Act
Native American Graves Protection and Repatriation Act
American Indian Religious Freedom Act
Religious Freedom Restoration Act
Executive Order 13175: Consultation and Coordination with Indian Tribal Governments

IV. Participating Agency Agreement

The Participating Agencies hereby agree to work together to accomplish and consult with Indian tribes as appropriate in developing and implementing the following actions:

1. Creating a training program to educate Federal staff on (a) the legal protections and limitations regarding the accommodation of, access to, and protection of sacred sites and (b) consulting and collaborating effectively with Indian tribes, tribal leaders, and tribal spiritual leaders to address sacred sites;
2. Developing guidance for the management and treatment of sacred sites, including best practices and sample tribal-agency agreements;
3. Creating a website that includes links to information about Federal agency responsibilities regarding sacred sites, agency tribal liaison contact information, the websites of the agencies participating in this MOU, and information directing agencies to appropriate tribal contact information for project consultation and sacred sites issues; this website would be hosted by one of the Participating Agencies;
4. Developing and implementing a public outreach plan focusing on the importance of maintaining the integrity of sacred sites and the need for public stewardship in the protection and preservation of such sites;
5. Identifying existing confidentiality standards and requirements for maintaining the confidentiality of sensitive information about sacred sites, analyzing the effectiveness of these mechanisms, and developing recommendations for addressing challenges regarding confidentiality;
6. Establishing management practices that could be adopted by Participating Agencies; for example, these could include mechanisms for the collaborative stewardship of sacred sites with Indian tribes, such as Federal-tribal partnerships in conducting landscape-level cultural geography assessments;
7. Identifying impediments to Federal-level protection of sacred sites and making recommendations to address the impediments;

8. Developing mechanisms to exchange and share subject matter experts among Federal agencies and identifying contracting mechanisms for obtaining tribal expertise;
9. Developing outreach to non-Federal partners to provide information about (a) the political and legal relationship between the United States and Indian tribes; (b) Federal agency requirements to consult with Indian tribes; and, (c) the importance of maintaining the integrity of sacred sites;
10. Exploring mechanisms for building tribal capacity to participate fully in consultation with Federal agencies and to carry out the identification, evaluation, and protection of sacred sites;
11. Establishing a working group of appropriate staff from each of the Participating Agencies to facilitate the implementation of the provisions of this MOU and address issues as they arise. The working group will develop an action plan for implementation of this MOU within 90 days. Participating Agency representatives will serve on the working group until replaced by their agencies. The working group will be chaired by one of the Participating Agencies chosen by majority vote of the working group and will serve a 2-year term. At the expiration of the chair's term, the Participating Agencies shall select a new chair from among the Participating Agencies.

V. Non-Funding Obligating Document

Participating Agencies will handle their own activities and use their own resources in pursuing these objectives. Each party will carry out its separate activities in a coordinated and mutually beneficial manner.

Nothing in this MOU shall obligate any Participating Agency to obligate or transfer funds. Specific work projects or activities that involve the transfer of funds, services, or property among the various Participating Agencies will require execution of separate agreements and will be contingent upon the availability of appropriated funds. Any such activities must be independently authorized by appropriate statutory authority. This MOU does not provide such authority. Negotiation, execution, and administration of each such agreement must comply with all applicable statutes and regulations.

VI. Third Parties

This MOU is not intended to and does not create any right, benefit, or trust responsibility, substantive or procedural, enforceable at law or equity, by any party against the United States, its agencies, its officers, or any person.

VII. Administrative Provisions

1. This MOU takes effect upon the signature of all Participating Agencies and shall remain in effect until December 31, 2017. This MOU may be extended or amended upon written consent from any Participating Agency and the subsequent written concurrence of the others.
2. Any Participating Agency can opt out of this MOU by providing a 60-day written notice to the other signatories.
3. Other Federal agencies may participate in this MOU at any time while the MOU is in effect. Participation will be evidenced by an agency official signature on the MOU.

THIS PAGE LEFT INTENTIONALLY BLANK

TAB 5

Objectives:

1. Identify and explain the purpose of the various components of the grant application package
2. Determine the need for inclusion of compliance and other supporting documents
3. Discuss the estimated costs of the project

Handouts:

- 5-1 Notice of Funding Opportunity (NOFO) and Application Instructions
- 5-15 Sample AFA
- 5-21 Sample grant cover letter
- 5-23 Sample project statement
- 5-27 Sample budget justification
- 5-29 Sample NEPA letter
- 5-31 Section 7 Phase 1
- 5-35 Sample SHPO letter



Exercise: The Grant Application Package

Review **handout 5-1 WSFR NOFO**. Compare the sample grant application package to the description found in the guidance. Work with your tablemates and answer the following questions:

1. List the documents required in a grant application package. Cite the references used.

[Application for Federal Assistance SF 424](#)

[Project Statement, Budget Information or Budget Forms SF 424 A or C](#)

[Budget Justification](#)

[Statement of Assurances, Form SF 424B or SF 424D](#)

[NICRA Rate, Indirect Cost Statement](#)

[Single Audit Reporting Requirements Statement](#)

[Conflict of Interest Disclosure,](#)

[Compliance documents for NEPA, Sec 7.and NHPA](#)

[Other supporting documents depending on grant program & project type](#)

2. Are all of the necessary forms and documents included in the sample grant application package (handouts)? Missing?

[Statement of Assurances, Form SF 424B or SF 424D is missing although](#)

[it may be submitted one time annually for all non-competitive grants](#)

[State Process document Intergovernmental review under E.O. 12372 is](#)

[missing although it has been determined by the state this program is not](#)

[subject to intergovernmental review process \(see box 19 on AFA SF 424\)](#)

Assemble the Grant Application Package

Using the following as a grant application package checklist.

Documents	Included?
SF – 424 Application for Federal Assistance	
Project Statement	
Budget Information and Justification	
SF 424 B or D (Standard Assurances)	
State Process Documents (Intergovernmental Review)	
Compliance Documentation	
Current NICRA Rate	
Indirect Cost Statement	
List of Federally Funded Equipment to be used	
Single Audit Reporting Requirements	
Conflict of Interest Disclosure	
Other Supporting Documents	



Learning Points

- ✓ The Grantee/State is responsible for submitting the correct documentation.
- ✓ Grants cannot be approved without the submission of the appropriate documents. Documents may vary depending on regional/state and program/project requirements.
- ✓ Grant application is submitted to the Wildlife and Sport Fish Restoration Program Regional Office for review and approval or selection based on competitive process.

U.S. Fish and Wildlife Service
Wildlife and Sport Fish Restoration Program (WSFR)

Federal Agency Name:

Department of the Interior
U.S. Fish and Wildlife Service (Service)
Wildlife and Sport Fish Restoration Program (WSFR)

Funding Opportunity Title:

Wildlife Restoration Grant Program

Catalog of Federal Domestic Assistance (CFDA) Number: 15.611

Announcement Type:

Notice of Funding Opportunity (NOFO) for Federal Fiscal Year (FY) 2017.

Funding Opportunity Number: F17AS000XX

Paperwork Reduction Act Statement. We are collecting this information in accordance with the Pittman-Robertson Wildlife Restoration Act (16 U.S.C. 669-669i). Your response is required to obtain or retain a benefit. We will use the information you provide to evaluate your application for potential award of Federal funding through this program and, if awarded, to evaluate performance. We may not conduct or sponsor and you are not required to respond to a collection of information unless it displays a currently valid OMB control number. We estimate that it will take you about 37 hours to complete an initial application, 3 hours to revise the terms of an award, and 8 hours to prepare and submit performance reports, including time to maintain records, and gather information. You may send comments on the burden estimate or any other aspect of this information collection to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, MS BPHC, 5275 Leesburg Pike, Falls Church, VA 22041-3803.

Dates: State applicants must submit applications by the deadline. The deadline for receipt is August 31, 2018, 11:59 p.m. PDT. The Service recommends that you submit your application early enough to address any unforeseen technical complications. We recommended that you verify that all documents have been received through Grants.gov with your Regional WSFR Office before the deadline. The Service will not consider applications received after the deadline.

Applicants requesting comments or assistance with their applications are encouraged to submit applications to the Service Regional WSFR Office (see Section VI., Agency Contacts) approximately 4-6 weeks prior to the due date. Although there is no guarantee that the Regional WSFR Office will provide comments, feedback may include recommendations to improve the application.

If you would like to be a subgrantee, check with your State agency for their application deadlines and requirements. If you are not sure which state agency to contact your Regional WSFR contact in Section VI will be able to assist you.

I. Description of Funding Opportunity:

The Federal Aid in Wildlife Restoration Act of 1937, 50 Stat. 917 as amended; 16 U.S.C. 669-669b, 669-669k, now known as the Pittman-Robertson Wildlife Restoration Act, was approved by Congress on September 2, 1937, and began functioning July 1, 1938. The purpose of this Act has been to provide funding for the selection, restoration, rehabilitation, and improvement of wildlife habitat, wildlife management research, and the distribution of information produced by the projects. The Act was amended on October 23, 1970, to include funding for hunter safety programs and the development or the operation and maintenance of firearm and archery ranges. Additional information about the Wildlife Restoration Grant Program (WR) is available at: <http://wsfrprograms.fws.gov/Subpages/GrantPrograms/WR/WR.htm>.

II. Award Information:

WR provides Federal grant funding to the 50 States, Commonwealths, and territories for the selection, restoration, rehabilitation, and improvement of wildlife habitat; wildlife management research; wildlife population surveys and inventories; land acquisition; hunter education and safety programs; coordination; development of facilities; facilities and services for conducting a hunter education and safety programs; and provisions for public use of wildlife resources. The Hunter Education and Safety Program (Section 4(c)) includes training in the safe handling and use of firearms and archery equipment; hunter responsibilities and ethics; survival; construction, operation, and maintenance of public shooting ranges; and basic wildlife management and identification. Hunter Education and Safety Programs include the development and implementation of a programmed course of instruction leading toward the achievement of the hunter safety training goals and objectives. In general, the course is to train students to be safe and responsible hunters and assist the agency in accomplishing its mission and goals.

The final WR apportionments are available at:

http://wsfrprograms.fws.gov/Subpages/GrantPrograms/WR/WR_Funding.htm.

A. Formula

The WR apportionment is determined for States based on the following:

1. It is a formula-based apportionment;
2. 50 percent of the formula is based on land area of the State and 50 percent is based on the number of paid hunting license holders;
3. No State may receive more than 5 percent or less than one-half of 1 percent of the total apportionment;
4. The Commonwealth of Puerto Rico is apportioned up to one-half of 1 percent;
5. The Commonwealth of the Northern Mariana Islands and the territories of American Samoa, Guam, and the U.S. Virgin Islands receive up to one-sixth of 1 percent of the total apportionment;
6. The State fish and wildlife agency must furnish a certification of the number of paid hunting license holders on an annual basis; and
7. The program is a cost-reimbursement program: the State covers the full amount of an approved project then applies for reimbursement from WSFR and may be reimbursed up to 75 percent of project costs through the program. The State must provide at least 25 percent of the project costs from a non-Federal source. The non-Federal match for the Commonwealths of Puerto Rico and the Northern Mariana Islands, and the territories of American Samoa, Guam, and the U.S. Virgin Islands must not exceed 25 percent and may be waived at the discretion of the Regional Director. In accordance with 48 U.S.C. 1469(a), the Regional Director will waive the first \$200,000 of match required for each project from the Commonwealth of the Northern Mariana Islands and the territories of Guam, the U.S. Virgin Islands, and American Samoa. The non-Federal share may be from license fees paid by hunters. Matching and cost-sharing requirements are discussed in 50 CFR 80 and 2 CFR 200.
8. Fund Availability - WR funds are available for a period of two years. Funds not obligated within two years by the U.S. Fish and Wildlife Service are reverted and spent under the provisions of the Migratory Bird Conservation Act. Also under the provisions of the Wildlife Restoration Act, the interest accumulated from the Act goes to the North American Wetland Conservation Act Grant Program. Although only State agencies may apply for and receive grants under this program, the program encourages partnering with local governments, Native American governments, non-governmental organizations (NGOs), and educational institutions.

The Section 4(c) apportionment is determined for States based on the following:

1. It is a formula-based apportionment;
2. It is based on State population compared to the total U.S. population using the most recent census figures;
3. No State may receive more than 3 percent or less than 1 percent of the total Hunter Education funds apportioned; and
4. The Commonwealths of Puerto Rico and the Northern Mariana Islands and the territories of American Samoa, Guam, and the U.S. Virgin Islands receive up to one-sixth of 1 percent of the total apportionment.

B. Funding Restrictions

Ineligible activities include activities that do not provide public benefits, enforcement activities, and public relations activities.

III. Basic Eligibility Requirements:

Eligible Applicants:

Participation is limited to State, Commonwealth, or territorial agencies with lead management responsibility for fish and wildlife resources in the United States of America. States, Commonwealths, and territories (State(s)) must pass laws (assent legislation) for the conservation of fish and wildlife. The law(s) must include a prohibition against the diversion of license fees paid by hunters for purposes other than the administration of the fish and wildlife agency.

Federal law mandates that all entities applying for Federal financial assistance must have a valid Dun & Bradstreet Data Universal Number System (DUNS) number and have a current registration in the System for Award Management (SAM). See Title 2 of the Code of Federal Regulations (CFR), Part 25 for more information. Exemptions: The SAM registration requirement does not apply to individuals submitting an application on their own behalf and not on behalf of a company or other for-profit entity, state, local or Tribal government, academia or other type of organization.

A. DUNS Registration

Request a DUNS number online at <http://fedgov.dnb.com/webform>. U.S.-based entities may also request a DUNS number by telephone by calling the Dun & Bradstreet Government Customer Response Center, Monday – Friday, 7 AM to 8 PM CST at the following numbers:
U.S. and U.S Virgin Islands: 1-866-705-5711
Alaska and Puerto Rico: 1-800-234-3867 (Select Option 2, then Option 1)
For Hearing Impaired Customers Only call: 1-877-807-1679 (TTY Line)

Once assigned a DUNS number, entities are responsible for maintaining up-to-date information with Dun & Bradstreet.

B. Entity Registration in SAM

Register in SAM online at <http://www.sam.gov/>. Once registered in SAM, entities must renew and revalidate their SAM registration at least every 12 months from the date previously registered. Entities are strongly urged to revalidate their registration as often as needed to ensure that their information is up to date and in synch with changes that may have been made to DUNS and IRS information. Foreign entities who wish to be paid directly to a United States bank account must enter and maintain valid and current banking information in SAM.

C. Excluded Entities

Applicant entities or their key project personnel identified in the SAM.gov Exclusions database as ineligible, prohibited/restricted or excluded from receiving Federal contracts, certain subcontracts, and certain Federal assistance and benefits will not be considered for Federal funding, as applicable to the funding being requested under this Federal program.

D. Cost Sharing or Matching:

The program is a cost-reimbursement program. The State covers the full amount of an approved project then applies for reimbursement through WSFR and can be reimbursed up to 75 percent of project costs through the program. The State must provide at least 25 percent of the project costs from a non-Federal source. The non-Federal match for the Commonwealths of Puerto Rico and the Northern Mariana Islands, and the territories of American Samoa, Guam, and the U.S. Virgin Islands must not exceed 25 percent and may be waived at the discretion of the Regional Director. In accordance with 48 U.S.C. 1469(a), the Regional Director will waive the first \$200,000 of match for each grant from the Commonwealth of the Northern Mariana Islands and the territories of Guam, the U.S. Virgin Islands. The non-Federal share may come from license fees. Matching and cost-share requirements are discussed in 50 CFR 80.

IV. Application Requirements

You can download the application package for WR on Grants.gov here:

https://apply07.grants.gov/apply/forms_apps_idx.html, searching by CFDA 15.611. You can also download application forms through the WSFR toolkit under "Forms":

<http://fawiki.fws.gov/display/WTK/Forms>. If you have trouble accessing the online forms, you can contact one of the Service WSFR Offices (see Agency Contacts).

To be considered for funding under this funding opportunity, an application must contain:

A. Standard Form SF-424 . A completed, signed and dated Application for Federal Assistance form ([Standard Form \(SF\) 424](#)). Do not include other Federal sources of funding, requested or approved, in the total entered in the “Federal” funding box on the Application for Federal Assistance form. Enter only the amount being requested under this program in the “Federal” funding box. Include any other Federal sources of funding in the total funding entered in the “Other” box.

B. Project Statement

A Project Statement is not required for applicants who are applying for awards under a comprehensive management system (CMS). CMS applications must submit the information required in 50 CFR 80.81

Applicants applying for awards under a project-by- project basis are required to provide a project statement containing the elements required by 50 CFR 80.82 and listed below.

Identify and describe:

1. The need for the proposed project(s) within the purpose of the Program.
2. Discrete, quantifiable, and verifiable objectives to be accomplished during a specific time period. Objectives reference specific outcomes to be accomplished in order to reach the stated goal(s). The project objectives should be specific, measurable, attainable within the period of performance, realistic, and time-bound.
3. Expected results or benefits from accomplishing the objectives;
4. The approach or activities to be used in meeting the objectives, including specific procedures, methods, schedules, key personnel, and cooperators.
5. Project location – Maps or other geographic aids may be attached. Please include GPS Coordinates in degrees, minutes, and seconds, if available;
6. Useful life – Propose a useful life for each capital improvement, and reference the method used to determine the useful life of a capital improvement with a value greater than \$100,000;
7. Principal investigator for research projects. Record the principal investigator's name, work address, and work telephone number;
8. Estimated the amount of program income that the project is likely to generate. Indicate the method of applying and disposing of the program income;
9. See sections C and D for directions relating to the required format of the budget and the information needed in the budget narrative;
10. Describe the method for allocating costs in multipurpose projects and facilities.
11. Describe any relationship between this project and other work funded by Federal grants that is planned, anticipated, or underway;

12. Timeline. Describe significant milestones in completing the project and any accomplishments to date;
13. For projects conducted in the United States, a description of the activity in sufficient detail so WSFR staff are able to evaluate compliance with the National Environmental Policy Act (NEPA), Section 7 of the Endangered Species Act (ESA), and Section 106 of the National Historic Preservation Act (NHPA);
14. Provide information in the project statement that shows that the proposed activities are eligible for funding and substantial in character and design.

C. Budget Information

Complete the Budget Information for Non-Construction Programs (SF 424A) form, Budget Information for Construction Programs (SF 424C) form, or submit the equivalent or greater level of information in another format. You may use the SF 424A if your project does not include construction and the SF 424C if the project includes construction or land acquisition. The budget forms are available on the Internet at <https://fawiki.fws.gov/display/WTK/Forms>. When developing your budget, keep in mind that financial assistance awards and subawards are subject to the Federal cost principles in Title 2 of the Code of Federal Regulations Part 200, as applicable to the recipient organization type. Links to the full text of the Federal cost principles are available on the Internet at [2 CFR 200](#).

Multiple Federal Funding Sources: If the project budget includes multiple Federal funding sources, you must show the funds being requested from this Federal program *separately* from any other requested/secured Federal sources of funding on the budget form. For example, enter the funds being requested from this Federal program in the first row of the Budget Summary section of the form and then enter funding related to other Federal programs in the subsequent row(s). Be sure to enter each Federal program's CFDA number in the corresponding fields on the form. The CFDA number for this Federal program appears on the first page of this funding opportunity.

D. Budget Justification

In the budget justification section of the project statement, explain and justify requested budget items/costs proposed in the submitted budget and demonstrate a clear connection between costs and the proposed project activities. The justification for each budget category should be a brief general description of the costs that makeup that category, yet provide enough detail to demonstrate that the applicant has a financial plan for implementation of the proposed objectives. For example, under personnel costs include the total number of staff and the various job titles (classifications) anticipated to be charging to the project. Describe any item under the applicable Federal cost principles in 2 CFR 200.407 that requires the Service's

approval and estimate its cost (e.g., equipment and other capital expenditures, pre-award costs, etc.) Also include:

- a. In-Kind Match – Include the source, the amount, and the valuation methodology used to arrive at the total; and
- b. Program Income, if any – Include the source, amount, and the requested method of crediting the program income (i.e. deductive or additive).
- c. When applicable, for any organization charging indirectly, a copy of a current Negotiated Indirect Cost Rate Agreement.

Required Indirect Cost Statement: All applicants must include in the budget justification narrative one of the following statements and attach to their application any required documentation identified in the applicable statement:

“We are:

1. A U.S. state government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of [insert rate]. We submit our indirect cost rate proposals to our cognizant agency. A copy of our most recently approved rate agreement/certification is attached.
2. A U.S. state government entity receiving less than \$35 million in direct Federal funding with an indirect cost rate of [insert rate]. In addition to the first sentence, please also provide one of the following statements, as applicable: “We are required to prepare and retain for audit an indirect cost rate proposal and related documentation to support those costs.” or “We submit our indirect cost rate proposals to our cognizant agency. A copy of our most recently approved rate agreement/certification is attached.”
3. A U.S. state government entity that has never submitted an indirect cost rate proposal to our cognizant agency. Our indirect cost rate is [insert rate]. In the event an award is made, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award is made.
4. A U.S. state government entity that has never submitted an indirect cost rate proposal to our cognizant agency. Our indirect cost rate is [insert rate]. However, in the event an award is made, we will not be able to meet the requirement to submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after award. We request as a condition of award to charge a flat *de minimus* indirect cost rate of 10% of modified total direct costs as defined in [Title 2 of the Code of Federal Regulations Part 200, section 200.68](#). We understand that the 10% *de minimus* rate will apply for the life of the award, including any future extensions for time, and that the rate cannot be changed even if we do establish an approved rate with our cognizant agency at any point during the award period.

5. A U.S. state government entity that will charge all costs directly.

All applicants are hereby notified of the following:

- Recipients without an approved indirect cost rate are prohibited from charging indirect costs to a Federal award. Accepting the 10% *de minimus* rate as a condition of award is an approved rate.
- Failure to establish an approved rate during the award period renders all costs otherwise allocable as indirect costs unallowable under the award.
- Only the indirect costs calculated against the Federal portion of the total direct costs may be charged to the Federal award. Recipients may not charge to their Service award any indirect costs calculated against the portion of total direct costs charged to themselves or charged to any other project partner, Federal and non-Federal alike.
- Recipients must have prior written approval from the Service to transfer unallowable indirect costs to amounts budgeted for direct costs or to satisfy cost-sharing or matching requirements under the award.
- Recipients are prohibited from shifting unallowable indirect costs to another Federal award unless specifically authorized to do so by legislation.”

For more information on indirect cost rates, see the Service’s **Indirect Costs and Negotiated Indirect Cost Rate Agreements** guidance document on the Internet at <http://www.fws.gov/grants/>.

Negotiating an Indirect Cost Rate with the Department of the Interior: The Federal awarding agency that provides the largest amount of direct funding to your organization is your cognizant agency, unless otherwise assigned by the White House Office of Management and Budget (OMB). If the Department of the Interior is your cognizant agency, your indirect cost rate will be negotiated by the Interior Business Center (IBC). For more information, contact the IBC at:

Indirect Cost Services

Acquisition Services Directorate, Interior Business Center

U.S. Department of the Interior

2180 Harvard Street, Suite 430

Sacramento, CA 95815

Phone: 916-566-7111

Email: ics@nbc.gov

Internet address: <https://www.doi.gov/ibc/services/finance/indirect-cost-services>

E. Single Audit Reporting Statements: As required in [2 CFR 200](#), Subpart F, all U.S. states, local governments, federally-recognized Indian tribal governments, and non-profit organizations expending \$750,000 USD or more in Federal award funds in a fiscal year must submit a Single

Audit report for that year through the Federal Audit Clearinghouse's Internet Data Entry System. All U.S. states must provide a statement regarding if your organization was/was not required to submit a Single Audit report for the organization's most recently closed fiscal year and, if so, state if that report is available on the Federal Audit Clearinghouse Single Audit Database website (<http://harvester.census.gov/sac/>) and provide the EIN under which that report was submitted. Include these statements at the end of the Project Narrative in a section titled "**Single Audit Reporting Statements**".

F. Assurances: Include the appropriate signed and dated Assurances form available online at <https://fawiki.fws.gov/display/WTK/Forms>. Use the **Assurances for Construction Programs (SF 424D)** for construction and land acquisition projects. Use the **Assurances for Non-Construction Programs (SF 424B)** for all other projects. Signing this form does not mean that all items on the form are applicable. The form contains language that states that some of the assurances may not be applicable to your organization and/or your project or program.

G. Certification and Disclosure of Lobbying Activities: Under Title 31 of the United States Code, Section 1352, an applicant or recipient must not use any federally appropriated funds (both annually appropriated and continuing appropriations) or matching funds under a grant or cooperative agreement award to pay any person for lobbying in connection with the award. Lobbying is defined as influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress connection with the award. Submission of an application also represents the applicant's certification of the statements in 43 CFR Part 18, Appendix A-Certification Regarding Lobbying. If you/your organization have/has made or agrees to make any payment using non-appropriated funds for lobbying in connection with this proposal AND the Federal share exceeds \$100,000, complete and submit the **SF LLL, Disclosure of Lobbying Activities** form. See 43 CFR, Subpart 18.100 for more information on when additional submission of this form is required.

H. Conflict of Interest Disclosures: Applicants must notify the Service in writing of any actual or potential conflicts of interest that are known at the time of application or that may arise during the life of this award, in the event an award is made. Conflicts of interest include any relationship or matter which might place the recipient, the recipient's employees, or the recipient's subrecipients in a position of conflict, real or apparent, between their responsibilities under the award and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationships, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or decision-making affecting the award that would cause a

reasonable person with knowledge of the relevant facts to question the impartiality of the applicant, the applicant's employees, or the applicant's future subrecipients in the matter. Upon receipt of such a notice, the Service Project Officer in consultation with their Ethics Counselor will determine if a conflict of interest exists and, if so, if there are any possible actions to be taken by the applicant to reduce or resolve the conflict. Failure to resolve conflicts of interest in a manner that satisfies the Service may result in the project not being select for funding.

Items to Include in Grant Application

- **SF 424, Application for Federal Assistance:** A complete, signed and dated SF 424, SF 424-Mandatory
- **Project Statement**
- **Budget Information or SF 424 budget form:** A complete SF 424-A, SF 424-C, or equivalent budget information.
- **Budget justification**
- **NICRA:** When applicable, a copy of the organization's current Negotiated Indirect Cost Rate Agreement.
- **Indirect Cost Statement**
- **Single Audit Reporting statement:** If a U.S. state, local government, federally-recognized Indian tribal government, or non-profit organization, statements regarding applicability of and compliance with Single Audit reporting requirements (2CFR 200.501)
- **SF-424 Assurances form:** Signed and dated SF 424-B or SF 424-D Assurances form.
- **SF-LLL form:** If applicable, completed SF-LLL Disclosure of Lobbying Activities form.
- **Conflict of Interest statement,** when applicable.

Failure to provide complete information may cause delays, postponement, or rejection of the application.

V. Submission Instructions

SUBMISSION DEADLINE: Grant application packages are due to your Regional WSFR Office (see Section VI, Agency Contacts) no later than August 31, 2018.

Intergovernmental Review: Before submitting an application, U.S. state and local government applicants should visit the following website (http://www.whitehouse.gov/omb/grants_spoc/) to determine whether their application is subject to the state intergovernmental review process under Executive Order (E.O.) 12372 "Intergovernmental review of Federal Programs." E.O. 12372 was issued to foster the intergovernmental partnership and strengthen federalism by relying on state and local processes for the coordination and review of proposed Federal

financial assistance and direct Federal development. The E.O. allows each state to designate an entity to perform this function. The official list of designated entities is posted on the website. Contact your state's designated entity for more information on the process the state requires to be followed when applying for assistance. States that do not have a designated entity listed on the website have chosen not to participate in the review process.

Electronic Submission Instructions: Go to www.grants.gov

1. Click the "Apply for Grants" tab and read the instructions provided by grants.gov.
2. The following are items that need to be done before a grant application package can be submitted electronically through grants.gov:
 - Applicants must register as an Authorized Organization Representative (AOR) and have a user id and password. The applicant can register on the web at <http://www.grants.gov/web/grants/applicants/organization-registration/step-4-aor-authorization.html>;
 - Applicants must have Adobe Acrobat Reader to view files on the web. You can download Adobe Acrobat Reader at <http://get.adobe.com/reader/otherversions/>
3. Standard forms such as SF 424, SF 424A, SF 424B, SF 424 C, and SF 424D are fillable forms on grants.gov. The project narrative and budget narrative must be attachments in the following formats: MS Word, Adobe PDF, or MS Excel.
4. All forms and attachments mentioned above must be submitted with the grant application package.
5. **Important note on Grants.gov application attachment file names:** Please do not assign application attachments file names longer than 20 characters, including spaces. Assigning file names longer than 20 characters will create issues in the automatic interface between Grants.gov and the Service's financial assistance management system.

Mail or Email Submission Instructions:

1. Applicants can obtain forms, in PDF fillable/printable formats, from the WSRF Toolkit at <http://fawiki.fws.gov/display/WTK/Toolkit+Homepage>.
2. The required SF 424 Application for Federal Assistance and Assurances forms and any other required standard forms MUST be signed by your organization's authorized official. The Signature and Date fields on the standard forms downloaded from [Grants.gov](http://www.grants.gov) are pre-populated with the text "Completed by [Grants.gov](http://www.grants.gov) upon submission" or "Completed on submission to [Grants.gov](http://www.grants.gov)". Remove this text (manually or digitally) before signing the forms.
3. The completed grant application package must be mailed or emailed to the appropriate U.S. Fish and Wildlife Service Regional Office.

VI. Agency Contacts:

The Service administers the Wildlife Restoration Grant Program. National level program information can be obtained by contacting:

Christina Milloy

U.S. Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

MS: WSFR

5275 Leesburg Pike

Falls Church, VA 22041-3803

703-862-5761

Christina_Milloy@fws.gov

For project specific information and details to apply, contact your Regional WSFR Office:

Region 1 - American Samoa, Commonwealth of the Northern Mariana Islands, Guam, Hawaii, Idaho, Oregon, and Washington: r1fa_grants@fws.gov, 503-231-6128

Region 2 - Arizona, New Mexico, Oklahoma, and Texas: fw2fa@fws.gov, 505-248-7450

Region 3 - Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin: R3fedaid@fws.gov, 612-713-5130

Region 4 - Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, the Commonwealth of Puerto Rico, South Carolina, Tennessee, and the U.S. Virgin Islands: fws-r4federalassistance@fws.gov, 404-679-4159

Region 5 - Connecticut, Delaware, the District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia: fw5fareports@fws.gov, 413-253-8508

Region 6 - Colorado, Kansas, Nebraska, Montana, North Dakota, South Dakota, Utah, and Wyoming: fw6_fagrants@fws.gov, 303-236-5420

Region 7 - Alaska: AK_FA@fws.gov, 907-786-3631

Region 8 - California and Nevada: R8fa_grants@fws.gov, 916-414-6525

VII. Award Administration Information:

- A. Award Notices:** The U.S. Fish and Wildlife Service Regional Director or his/her designee approves or disapproves grant proposals. Regional Offices are responsible for notification of grant approval to the applicant. Following review, applicants may be

asked to revise the project scope and/or budget before an award is made. Successful applicants will receive written notice in the form of a notice of award document. Notices of award are typically sent to recipients by e-mail. If e-mail notification is unsuccessful, the documents will be sent by courier mail (e.g., FedEx, DHL or UPS). Award recipients are not required to sign/return the Notice of Award document. Acceptance of an award is defined as starting work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to, and as approved by, the Service. The notice of award document will include instructions specific to each recipient on how to request payment. If applicable, the instructions will detail any additional information/forms required and where to submit payment requests.

B. Administrative and National Policy Requirements:

1. Compliance with environmental laws such as the ESA, NEPA, and NHPA must be satisfied before the U.S. Fish and Wildlife Service can approve a grant proposal.
2. In accepting Federal funds, applicants must comply with [2 CFR 200](#).
3. All organizations must obtain a DUNS number, a unique identifying number, before applying for Federal funds. Only private individual landowners are exempted. Organizations can receive a DUNS number at no cost by calling the DUNS number request line at 1-866-706-5711 or online at <http://fedgov.dnb.com/webform>.
4. States must have a current registration in the System for Award Management (SAM). Register in SAM online at <http://www.sam.gov/>. Once registered in SAM, entities must renew and revalidate their SAM registration at least every 12 months from the date previously registered. Entities are strongly urged to revalidate their registration as often as needed to ensure that their information is up to date and corresponds with changes that may have been made to DUNS and IRS information. Applicant entities identified in the SAM.gov Exclusions database as ineligible, prohibited/restricted or excluded from receiving Federal contracts, certain subcontracts, and certain Federal assistance and benefits will not be considered for Federal funding, as applicable to the funding being requested under this Federal program.
5. States must complete and submit an Automated Standard Application for Payments (ASAP) system Participation Form. If you have an existing account with another Federal agency, please indicate your ASAP ID on the form. For further instructions visit the [FA Wiki](#).
6. Acceptance of a financial assistance award (i.e., grant or cooperative agreement) from the Service carries with it the responsibility to be aware of and comply with the terms and conditions applicable to the award. Awards are subject to the

terms and conditions incorporated into the notice of award either by direct citation or by reference to the following: Federal regulations; program legislation or regulation; and special award terms and conditions. The Federal regulations applicable to Service awards are available on the Internet at <http://www.fws.gov/grants/>. If you do not have access to the Internet and require a full text copy of the award terms and conditions, contact the Service point of contact identified in the Agency Contacts section below.

C. Transmittal of Sensitive Data: Recipients are responsible for ensuring any sensitive data being sent to the Service is protected during its transmission/delivery. The Service strongly recommends that recipients use the most secure transmission/delivery method available. The Service recommends the following digital transmission methods: secure digital faxing; encrypted emails; emailing a password protected zipped/compressed file attachment in one email followed by the password in a second email; or emailing a zipped/compressed file attachment. The Service strongly encourages recipients sending sensitive data in paper copy to use a courier mail service. Recipients may also contact their Service Project Officer and provide any sensitive data over the telephone.

D. Recipient Reporting Requirements: Interim financial reports and performance reports may be required. Interim reports will be required no more frequently than quarterly, and no less frequently than annually. A final financial report and a final performance report will be required and are due within 90 calendar days of the end date of the award. Performance reports must contain: 1) a comparison of actual accomplishments with the goals and objectives of the award as detailed in the approved scope of work; 2) a description of reasons why established goals were not met, if appropriate; and 3) any other pertinent information relevant to the project results.

Events may occur between the scheduled performance reporting dates that have significant impact upon the supported activity. In such cases, recipients are required to notify the Service in writing as soon as the following types of conditions become known:

- Problems, delays, or adverse conditions that will materially impair the ability to meet the objective of the Federal award. This disclosure must include a statement of any corrective action(s) taken or contemplated, and any assistance needed to resolve the situation.
- Favorable developments that enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

The Service will specify in the notice of award document the reporting and reporting frequency applicable to the award.

Financial and performance reporting requirements and retention and access requirements are specified in 2 CFR Part 200 (Subpart D) and in the Interim Guidance for Financial Status and Performance Reporting, dated May 15, 2009. Electronic submission of performance information using the Wildlife TRACS system may be required, as detailed in the terms and conditions of this award.

Other Mandatory Disclosures: Recipients and their subrecipients must disclose, in a timely manner and in writing, to the Service or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting this award. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (See 2 CFR 200.113, 2 CFR Part 180, and 31 U.S.C. 3321).

Application for Federal Assistance SF-424

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): <input type="text"/> * Other (Specify) <input type="text"/>
--	--	---

* 3. Date Received: <input type="text"/>	4. Applicant Identifier: <input type="text"/>
---	--

5a. Federal Entity Identifier: <input type="text"/>	* 5b. Federal Award Identifier: <input type="text"/>
--	---

State Use Only:

6. Date Received by State: <input type="text" value="05/15/2016"/>	7. State Application Identifier: <input type="text" value="W-777-E"/>
--	---

8. APPLICANT INFORMATION:

* a. Legal Name:

* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="3199999999"/>	* c. Organizational DUNS: <input type="text" value="123456789"/>
--	---

d. Address:

* Street1:
Street2:
* City:
County:
* State:
Province:
* Country:
* Zip / Postal Code:

e. Organizational Unit:

Department Name: <input type="text" value="Department of Conservation"/>	Division Name: <input type="text" value="Fish and Wildlife Resources"/>
---	--

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

Title:

Organizational Affiliation:

* Telephone Number: Fax Number:

* Email:

Application for Federal Assistance SF-424

9. Type of Applicant 1: Select Applicant Type:

A. State

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

U.S. Department of Interior, Fish and Wildlife Service

11. Catalog of Federal Domestic Assistance Number:

1 5 6 1 1

CFDA Title:

Wildlife Restoration and Basic Hunter Education

*** 12. Funding Opportunity Number:**

F17AS000XX

* Title:

Wildlife Restoration Grant Program - Region 5

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Statewide

*** 15. Descriptive Title of Applicant's Project:**

Grace Basic Hunter Education Student Training

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="291,000.00"/>
* b. Applicant	<input type="text"/>
* c. State	<input type="text" value="97,000.00"/>
* d. Local	<input type="text"/>
* e. Other	<input type="text"/>
* f. Program Income	<input type="text"/>
* g. TOTAL	<input type="text" value="388,000.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on .
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation in attachment.)**

Yes No If "Yes", provide explanation and attach.

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

**** I AGREE**

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:

Instructions for Application for Federal Assistance (SF-424)

This is a standard form required for use as a cover sheet for submission of pre-applications and applications and related information under discretionary programs. Some of the items are required and some are optional at the discretion of the applicant or the federal agency (agency). Required fields on the form are identified with an asterisk (*) and are also specified as "Required" in the instructions below. In addition to these instructions, applicants must consult agency instructions to determine other specific requirements.

Item	Field Name	Information
1.	Type of Submission:	<p>(Required) Select one type of submission in accordance with agency instructions.</p> <ul style="list-style-type: none"> • Pre-application • Application • Changed/Corrected Application - Check if this submission is to change or correct a previously submitted application. Unless requested by the agency, applicants may not use this form to submit changes after the closing date.
2.	Type of Application:	<p>(Required) Select one type of application in accordance with agency instructions.</p> <ul style="list-style-type: none"> • New - An application that is being submitted to an agency for the first time. • Continuation - An extension for an additional funding/budget period for a project with a projected completion date. This can include renewals. • Revision - Any change in the federal government's financial obligation or contingent liability from an existing obligation. If a revision, enter the appropriate letter(s). More than one may be selected. If "Other" is selected, please specify in text box provided. <p>A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration E. Other (specify)</p>
3.	Date Received:	Leave this field blank. This date will be assigned by the Federal agency.
4.	Applicant Identifier:	Enter the entity identifier assigned by the Federal agency, if any, or the applicant's control number if applicable.
5a.	Federal Entity Identifier:	Enter the number assigned to your organization by the federal agency, if any.
5b.	Federal Award Identifier:	For new applications leave blank. For a continuation or revision to an existing award, enter the previously assigned federal award identifier number. If a changed/corrected application, enter the federal identifier in accordance with agency instructions.
6.	Date Received by State:	Leave this field blank. This date will be assigned by the state, if applicable.
7.	State Application Identifier:	Leave this field blank. This identifier will be assigned by the state, if applicable.

8.	Applicant Information:	Enter the following in accordance with agency instructions:
	a. Legal Name:	(Required) Enter the legal name of applicant that will undertake the assistance activity. This is the organization that has registered with the Central Contractor Registry (CCR). Information on registering with CCR may be obtained by visiting www.Grants.gov .
	b. Employer/Taxpayer Number (EIN/TIN):	(Required) Enter the employer or taxpayer identification number (EIN or TIN) as assigned by the Internal Revenue Service. If your organization is not in the US, enter 44-4444444.
	c. Organizational DUNS:	(Required) Enter the organization's DUNS or DUNS+4 number received from Dun and Bradstreet. Information on obtaining a DUNS number may be obtained by visiting www.Grants.gov .
	d. Address:	Enter address: Street 1 (Required); city (Required); County/Parish, State (Required if country is US), Province, Country (Required), 9-digit zip/postal code (Required if country US).
	e. Organizational Unit:	Enter the name of the primary organizational unit, department or division that will undertake the assistance activity.
	f. Name and contact information of person to be contacted on matters involving this application:	Enter the first and last name (Required); prefix, middle name, suffix, title. Enter organizational affiliation if affiliated with an organization other than that in 7.a. Telephone number and email (Required); fax number.
9.	Type of Applicant: (Required) Select up to three applicant type(s) in accordance with agency instructions.	A. State Government B. County Government C. City or Township Government D. Special District Government E. Regional Organization F. U.S. Territory or Possession G. Independent School District H. Public/State Controlled Institution of Higher Education I. Indian/Native American Tribal Government (Federally Recognized) J. Indian/Native American Tribal Government (Other than Federally Recognized) K. Indian/Native American Tribally Designated Organization L. Public/Indian Housing M. Nonprofit N. Private Institution of Higher Education O. Individual P. For-Profit Organization (Other than Small Business) Q. Small Business R. Hispanic-serving Institution S. Historically Black Colleges and Universities (HBCUs) T. Tribally Controlled Colleges and Universities (TCCUs) U. Alaska Native and Native Hawaiian Serving Institutions V. Non-US Entity W. Other (specify)
10.	Name Of Federal Agency:	(Required) Enter the name of the federal agency from which assistance is being requested with this application.
11.	Catalog Of Federal Domestic Assistance Number/Title:	Enter the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested, as found in the program announcement, if applicable.
12.	Funding Opportunity Number/Title:	(Required) Enter the Funding Opportunity Number and title of the opportunity under which assistance is requested, as found in the program announcement.
13.	Competition Identification Number/Title:	Enter the competition identification number and title of the competition under which assistance is requested, if applicable.

14.	Areas Affected By Project:	This data element is intended for use only by programs for which the area(s) affected are likely to be different than the place(s) of performance reported on the SF-424 Project/Performance Site Location(s) Form. Add attachment to enter additional areas, if needed.
15.	Descriptive Title of Applicant's Project:	(Required) Enter a brief descriptive title of the project. If appropriate, attach a map showing project location (e.g., construction or real property projects). For pre-applications, attach a summary description of the project.
16.	Congressional Districts Of:	15a. (Required) Enter the applicant's congressional district. 15b. Enter all district(s) affected by the program or project. Enter in the format: 2 characters state abbreviation - 3 characters district number, e.g., CA-005 for California 5th district, CA-012 for California 12 district, NC-103 for North Carolina's 103 district. If all congressional districts in a state are affected, enter "all" for the district number, e.g., MD-all for all congressional districts in Maryland. If nationwide, i.e. all districts within all states are affected, enter US-all. If the program/project is outside the US, enter 00-000. This optional data element is intended for use only by programs for which the area(s) affected are likely to be different than place(s) of performance reported on the SF-424 Project/Performance Site Location(s) Form. Attach an additional list of program/project congressional districts, if needed.
17.	Proposed Project Start and End Dates:	(Required) Enter the proposed start date and end date of the project.
18.	Estimated Funding:	(Required) Enter the amount requested, or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines, as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses.
19.	Is Application Subject to Review by State Under Executive Order 12372 Process?	(Required) Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process. Select the appropriate box. If "a." is selected, enter the date the application was submitted to the State.
20.	Is the Applicant Delinquent on any Federal Debt?	(Required) Select the appropriate box. This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of federal debt include; but, may not be limited to: delinquent audit disallowances, loans and taxes. If yes, include an explanation in an attachment.
21.	Authorized Representative:	To be signed and dated by the authorized representative of the applicant organization. Enter the first and last name (Required); prefix, middle name, suffix. Enter title, telephone number, email (Required); and fax number. A copy of the governing body's authorization for you to sign this application as the official representative must be on file in the applicant's office. (Certain federal agencies may require that this authorization be submitted as part of the application.)

STATE OF GRACE
DEPARTMENT OF CONSERVATION
200 Bluebird Way
Essex, Grace 30001

OFFICE OF THE DIRECTOR

101-202-3344
FAX 101-222-3434

May 15, 2016
Mr. Bob White
Federal Assistance
U.S. Fish & Wildlife Service
Albuquerque, NM 12345

Dear Mr. White:

I am writing in reference to the Application for Federal Assistance for:

Grace Basic Hunter Education Student Training

The purpose of this project is to meet the statewide demand to provide basic hunter education courses for all first time hunters in the State of Grace to ensure safe and responsible participation in hunting.

I have enclosed an Application for Federal Assistance, project narrative, and documents regarding compliance with the National Environmental Policy Act, Section 7 of the ESA and the National Historic Preservation Act. We request a start date of July 1, 2016.

We request approval for the full grant amount of \$388,000 of which (\$291,000) is the Federal share, (\$97,000) is the State share.

Thank you for your time reviewing this grant application.

Ed U. Cator
Project Leader
Grace Department of Conservation

THIS PAGE LEFT INTENTIONALLY BLANK

State of Grace Department of Conservation

Project Title: Grace Basic Hunter Education Student Training

WSFR Grant W-777-E

Grant Program: Basic Hunter Education

July 1, 2016 - June 30, 2017

NEED:

There is a need to develop safe and responsible hunters in the State of Grace. Grace enjoys a strong hunting heritage with a participation rate above the national average according to the 2011 National Hunting and Fishing Survey. As with any recreational pursuit, there comes a risk of incident or injury. The International Hunter Education Association 2015 hunter incident report reveals the State of Grace has a hunting incident rate above the national average. Unless safe and responsible hunters are cultivated, Grace Department of Conservation's ability to sustain a rich hunting heritage and to provide safe hunting experiences will be significantly compromised.

PURPOSE:

Provide safe hunting experiences in Grace.

OBJECTIVES:

- Train 24,000 students by June 30, 2017
- Train 300 instructors by June 30, 2017
- Conduct 600 training events by June 30, 2017

EXPECTED RESULTS & BENEFITS:

- Customer demand for basic hunter education training fully satisfied.
- An increase in participation in hunting in the State of Grace by 30,000 hunters.
- An increase in hunting license sales by 30,000.
- The rich hunting heritage will be sustained in the State of Grace.
- An increase in the number of women and minorities participating in hunting.
- An increase in hunting participation should also result in an increase in hunting firearms and ammunition sales thereby increasing excise tax dollars in support of the Wildlife and Sport Fish Restoration Program.
- A well developed highly skilled and trained volunteer instructor corps.

APPROACH:

Employ 3 full time professional personnel involved in the management and oversight of the state mandated basic Hunter Education program. Regional Hunter Education Division staff and Information and Education staff will be used to accomplish project objectives. Staff will develop, manage and provide support services for the ongoing operation of the state mandated basic Hunter Education program. Responsibilities include maintenance of a reliable state-of-the-art, customer-friendly student registration and record management system via web-based technology. Hunter education students will be able to locate and register for any hunter education class via the Internet. Volunteer instructors will be able to conveniently and efficiently manage student and course records. Hunter Education staff will acquire training equipment, event supplies and materials to conduct above programs and activities. Hunter Education staff will develop and implement multiple course delivery methods including instructor-led, home study and on-line courses. Courses will be added in strategic locations where demand is highest.

Education staff will be responsible for the recruitment, training and recognition of at least 2,400 volunteer instructors. This includes conducting a minimum of twelve (12) new instructor training workshops annually that provide standardized training on subjects such as: lesson plan development, records management, public speaking, learning styles & educational theory, use of teaching aids, interactive teaching methods, student evaluations, conducting skill-based training exercises, dilemma-style teaching methods, program policy and procedures, child protection and sexual harassment. To provide for the ongoing development and implementation of instructor training curricula and programs, staff will conduct at least twelve (12) in-service instructor training workshops for existing volunteer instructors to address ongoing and current training needs.

To maintain and develop a volunteer corps, staff will develop, acquire, distribute and maintain teaching aids, course materials, volunteer uniforms and equipment used in the recruitment, training, recognition and management of all hunter education program instructors. To maintain and develop volunteer instructor corps an incentive program for volunteer instructors will be developed and implemented whereby instructors will be presented awards based upon established performance standards, such as "number of classes taught", "number of training events attended", etc.

USEFUL LIFE: Not Applicable

LOCATION:

Statewide

PRINCIPAL INVESTIGATOR: Not Applicable

(Project leader is Grace hunter education coordinator: Ed U. Cator)

ESTIMATED PROGRAM INCOME: It is anticipated \$3,500 in program income will be generated (Replacement training certificates fees). Apply through the deductive method.

ESTIMATED COSTS:

FEDERAL SHARE = \$266,250

STATE SHARE = \$88,750

Personnel Costs:

Salaries.....\$143,000

Benefits.....\$20,150

Training.....\$5,900

Operational Costs:

Computers and projectors.....\$6,250

Equipment trailer..... \$6,000

Educational supplies/services.....\$9,100

Incentive items.....\$4,500

Telephone/communication charges...\$4,100

In-Kind State Match.....\$156,000 (volunteer instructor services valued at base rate of pay of entry level education officer \$19.50/hour includes fringe)

TOTAL PROJECT COST =\$355,000

CURRENT NICRA RATE: 10%

MULTIPURPOSE PROJECTS: Not Applicable

RELATIONSHIP TO OTHER GRANTS: Volunteer instructors once trained may be used for instructing advanced hunter education topics such as tree stand safety, turkey hunting, target shooting and archery instruction through the National Archery in the Schools (NASP) program. These courses are conducted under WSFR project W-888-E Enhanced Student Training.

TIMELINE:

- July1-August 30, 2016- All equipment, supplies and materials procured.
- August - September 30, 2016, twelve volunteer instructor training courses conducted regionally.

- One in-service instructor training course and recognition event conducted monthly.
- Hunter education courses and workshops conducted monthly.

General: The proposed project activities are eligible for funding and are substantial in character and design under Revised 50 CFR Part 80 Subpart E – Eligible Activities. 80.50: (b) Wildlife Restoration—Basic Hunter Education and Safety subprogram. (1) Teach the skills, knowledge, and attitudes necessary to be a responsible hunter.

NEPA:

The actions proposed for this grant involve providing basic hunter education courses for all first time hunters to ensure safe and responsible participation in hunting completely covered by 516 DM 8 categorical exclusion No(s). 8.5 A(2). The project work does not generate a yes box on the NEPA compliance checklist.

ENDANGERED OR THREATENED SPECIES:

Harry Mann the Endangered Species Coordinator for the State of Grace has verified that no endangered or threatened species are present in the proposed project locations.

HISTORICAL AND CULTURAL RESOURCES:

State of Grace Cultural and Historic Resources Office reviewed this project and determined that it will not have an affect to any significant historic, prehistoric or cultural resources, or to any National Register site listed or eligible property.

SINGLE AUDIT REPORTING REQUIREMENTS STATEMENT: The Grace Department of Conservation agency was not required to submit a Single Audit report for the most recently closed fiscal year of 2015. All prior single audit reports are available on the Federal Audit Clearinghouse Single Audit Database website (<http://harvester.census.gov/sac/>).

CONFLICT OF INTEREST DISCLOSURE: At the time of this application there are no known actual or potential conflicts of interest that may arise during the life of this award, in the event an award is made. Conflicts of interest include any relationship or matter which might place the Grace Department of Conservation agency, the agency's employees, or the agency's subrecipients in a position of conflict, real or apparent, between their responsibilities under the award and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationships, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or decision-making affecting the award that would cause a reasonable person with knowledge of the relevant facts to question the impartiality of the agency's, the agency's employees, or the agency's future subrecipients in the matter

BUDGET JUSTIFICATION

Salaries & Wages: Base rate of Education Specialist: \$19.50/hr, 75% time on project.

Education Coordinator \$24.75/ hr, 90% time on project

In-Kind Match: 156,000 (volunteer instructor services valued at base rate of pay of entry level education specialist \$19.50/hour includes fringe)

Federally-Funded Equipment: No Federally funded equipment will be used for this project. All equipment to be used was purchased with non-federal funds

Program Income: It is anticipated this grant will generate \$3,500 (Replacement training certificates fees) in program income. Apply through the deductive method.

Indirect Cost Statement: We are a U.S. state government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of 28%. We submit our indirect cost rate proposals to our cognizant agency. A copy of our most recently approved rate agreement/certification is attached.

THIS PAGE LEFT INTENTIONALLY BLANK

STATE OF GRACE
DEPARTMENT OF CONSERVATION
200 Bluebird Way
Essex, Grace 30001

OFFICE OF THE DIRECTOR

101-202-3344
FAX 101-222-3434

May 15, 2016
Mr. Bob White
Federal Assistance
U.S. Fish & Wildlife Service
Albuquerque, NM 12345

Dear Mr. White:

I am writing in reference to the Application for Federal Assistance for:
Grace Basic Hunter Education Student Training regarding compliance with the National Environmental Policy Act.

The actions proposed for this grant involve providing basic hunter education courses for all first time hunters to ensure safe and responsible participation in hunting.

We have reviewed the proposal for meeting **NEPA compliance** and found that it is **completely covered by 516 DM 8 categorical exclusion No(s). 8.5 A(2)**. Further, we find (516 DM 2, Appendix 2) that this proposal will NOT:

1. Have significant impacts on public health or safety.
2. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas.
3. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA Section 102(2)(E)].
4. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.
5. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects.
6. Have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects.
7. Have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by either the bureau or office.
8. Have significant impacts on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species.
9. Violate a Federal law, or a State, local, or tribal law or requirement imposed for the protection of the environment.
10. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898).
11. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007).
12. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112).

Thank you for your time reviewing this grant proposal,

Ed U. Cator, Project Leader
Grace Department of Conservation

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 7 BIOLOGICAL EVALUATION FORM
U.S. Fish and Wildlife Service

1. State: Grace

2. Grant Program: Wildlife Restoration, sub program Basic Hunter Education

3. Grant Title: GRACE BASIC HUNTER EDUCATION STUDENT TRAINING

Grant Number: (FWS use only) W-777-E

4. Project Title(s): GRACE BASIC HUNTER EDUCATION STUDENT TRAINING

5. Person Completing Form: Billy Bass

a. Title: Hunter Education Coordinator

b. Phone Number: 555-777-8888

6. Date Evaluation Completed: 5/01/2016

7. Pertinent Species and Habitat Information: (List the Species and Habitat)

A. Listed species and/or their critical habitat within the action area:

No species present.....training courses will be conducted statewide but at facilities where no species could possibly be present.

B. Proposed species and/or proposed critical habitat within the action area:

No species present

C. Candidate species within the action area:

No species present

8. Geographic Area / Location (Attach Map):

Statewide at educational training facilities with indoor classrooms

9. Describe Species and their Habitat occurrences:

None

10. Description of proposed action:

Annually train and certify 30,000 - 34,000 students in basic hunter education.

11. Explanation of effects of the action:

- A. Species status – no species present in classrooms where training will occur.
- B. Habitat status – no designated habitat present (indoor activities)
- C. Impacts of the proposed action on species and/or critical habitat –
None present-no effect
- D. Assessment of effects – No effects

12. State Recommendation:

A. Listed species/critical habitat:

No effect on species/critical habitat (list species/habitat):

May affect, is not likely to adversely affect species/critical habitat (list species/habitat):

May affect, is likely to adversely affect species/critical habitat (list species/habitat):

Undetermined effect (list species/habitat):

B. Proposed species/critical habitat:

No effect on species/critical habitat (list species/habitat):

May affect, is not likely to adversely affect species/critical habitat (list species/habitat):

May affect, is likely to adversely affect species/critical habitat (list species/habitat):

Undetermined effect (list species/habitat):

C. Candidate species:

No effect on candidate species (list species):

May affect, not likely to jeopardize candidate species (list species):

May affect, likely to jeopardize candidate species (list species):

Undetermined effect (list species):

13. Remarks: This project area does not contain listed, proposed or candidate species or designated critical habitat.

14. State Approval:

Signature: Ed U. Cator

_ Date 5/15/2016

15. Wildlife and Sport Fish Restoration Program Determination

____No effect (list species/habitat):

____Not likely to adversely affect (list species/habitat):

____Likely to adversely affect (list species/habitat):

____Undetermined effect (list species/habitat):

Remarks:

Signatures:

Grant Manager

Date

May 1, 2016

Grace Department of Conservation

200 Bluebird Way, Essex, Grace 30001

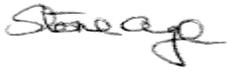
Project: W-777-E Grace Basic Hunter Education Student Training

Dear Mr. Ed U. Cator:

In response to your request, I have reviewed the information received March 15, 2016 to initiate consultation on the above referenced project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended.

Based on the information provided, I have concluded that there will be no historic properties [architectural or archaeological] affected by the proposed undertaking. Please contact Kirk Gravedigger of this office if we can be of further assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Stone Age".

Stone Age
State Historic Preservation Officer

THIS PAGE LEFT INTENTIONALLY BLANK

TAB 6

Objectives:

1. Identify and explain the purpose of the Notice of Award and the elements contained in the document
2. Describe the terms of acceptance, grant provisions, and special conditions on the Notice of Award
3. Discuss the obligation of funds for awarded grants
4. Recognize the importance of complying with the terms and conditions stated on the Notice of Award

Handouts:

- 6-1 Sample Notice of Award
- 6-7 Program Income chart

Notice of Award

After the grant application package is approved by Wildlife and Sport Fish Restoration Program the grant is awarded. Grantees are sent a Notice of Award containing approved grant information, terms of acceptance and special conditions.

Grantees must review the elements contained in the Notice of Award for acceptance and compliance with all grant terms, conditions and any special provisions that may be placed on award.

- Federal Identifier and/or amendment number
- Dates
- Federal Share Authorized
- Terms of Acceptance
- Special Provisions/Conditions
- Signature of Authorized Federal Personnel

NOTES:

**Exercise: Notice of Award**

As a group review **Service Manual Part 522 Chapters 16, 17, and 25; 2 CFR 200.80; 2 CFR 200.307-309; and 50 CFR 80.93-94** to answer the following questions.

1. What is the “Effective Date” of a grant award and how is it established?
522 FW 25.5 and 522 FW 25.6

Effective date is the starting date of the grant and identifies the start of the “period of performance”. The effective date is determined when the grant is approved. When the application is approved prior to the requested start date, the effective date is the starting date requested by the grantee. If the application is received after the requested start date, the effective date is either the start date requested or the date the complete grant application was received by the Regional office, whichever is later.

2. During what period are expenditures eligible for reimbursement? **2 CFR 200.309 / 50 CFR 80.93**

Period of Performance. A non-Federal entity may charge, to the award, only those allowable costs incurred during the period of performance. The only exception are “pre-award costs” that were specifically authorized by the Federal awarding agency

3. What happens if the grantee begins work prior to approval of the grant application? **50 CFR 80.94**

Grantees can begin work whenever they choose; however, the Service can't obligate funds for a grant until it is approved. If a grantee begins work prior to an approved grant, then the grantee is acting with no assurance that any of its expenditures will be eligible for reimbursement.


Exercise: Notice of Award

4. What are ways to prevent costs from being incurred outside of the approved award period? **522 FW 16.5**

Submit “complete” applications prior to requested start date, document & request pre-award costs if applicable, see 522 FW 16.5. If pre-award costs are approved it will be listed on award as special terms/conditions.

Coordinate and communicate with your accounting and field staff concerning approved dates, work and invoices. Monitor dates on the award notification.

5. What are the requirements regarding budget changes for approved grants? (Transfers between cost categories or jobs?) **2 CFR 200.308(e)**

For all non-construction projects, unless specifically restricted by the Federal awarding agency, grantees may transfer funds among direct cost categories in those grants in which the Federal share of the project exceeds the Simplified Acquisition Threshold (\$150,000) and cumulative amount of such transfers exceeds 10% of the total budget without needing the approval of the Federal awarding agency.

For construction projects, the 10% rule does not apply and grantees may transfer any amount of funds among direct cost categories unless the criteria under 2 CFR 200.308(g)(1-3) applies.

6. Define program income and list allowable methods to apply program income? **2 CFR 200.80 and 2 CFR 200.307**

Gross income earned by the non-Federal entity (recipient or subrecipient) that is directly generated by a supported activity or earned as a result of the Federal award during the period of performance.

Use of Program Income: (1) Deductive; (2) Additive; or (3) Cost Share.

**Exercise: Notice of Award**

7. Explain the following conditional statement that may be placed on the Notification of Award: Cost accounting required at the project level. **522 FW 17.5 and 522 FW 17.6**

Grantee must establish cost codes and track costs at the project level.

This is the level at which substantiality in character & design was made and must be tracked.

Match must be tracked at the grant level if the grant is funded with Federal funds from a single subaccount. If Federal funds are from more than one subaccount, then the grantee must track match at the subaccount level.

8. What does it mean if the Notification of Award states: The U.S. Fish and Wildlife Service approves this grant Subject to the Availability of Funds.

Applies to WR/SFR and associated programs. Because these programs are permanent & indefinite appropriations (not dependent on Congress),

States receive an apportionment every year. If funds are not available when the grant is approved, a statement will be included on the Notification

of Award stating that the grant is approved but funds will not be available

until the apportionment is received. This allows States to begin the work and incur expenditures. Reimburse of costs occurs once funds are actually

obligated to the grant. States manage and determine their obligations of program apportionments based upon their individual specific State needs.



Learning Points

- ✓ The Notice of Award is the legal document that states the terms and conditions of the grant; obligates the Federal share of estimated project costs by program (if available); and provides information to monitor uses of funds by subprogram or purpose.

- ✓ Only costs incurred during the period of performance are eligible for reimbursement (unless the grantee requests permission for pre-award costs in their application and the Federal awarding agency approves such a request).

- ✓ Conditional statements clarify the terms and conditions of the grant agreement.



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Pacific Southwest Region
Wildlife & Sport Fish Restoration Program
2800 Cottage Way, W-1729
Sacramento, California 95825

In Reply Refer to:
FWS/R8/WSFR

July 26, 2016

Mr. Mike Cox, Staff Biologist
Nevada Department of Wildlife
6980 Sierra Center Parkway, Suite 120
Reno, Nevada 89511-2099
DUNS: 165111840

Subject: Notice of Grant Award for **FBMS# F16AF00529**

Dear Mr. Cox:

Your organization's application for Federal financial assistance titled "**Bighorn Research (W-46)**" submitted to the U.S. Fish and Wildlife Service (Service)'s CFDA Program 15.611 is approved. This award is made under the authority of: Pittman-Robertson Wildlife Restoration Act of 1937 16 U.S.C. 669-669k. For a complete list of this program's authorizing legislation, go to <https://www.cfda.gov/> and search by the CFDA Program number. This award is made based on Service approval of your organization's proposal, hereby incorporated by reference into this award.

The performance period of this award is July 1, 2016 through June 30, 2017. Only allowable costs resulting from obligations incurred during the performance period and any authorized pre-award costs may be charged to this award. All obligations incurred under the award must be liquidated no later than 90 calendar days after the end of the performance period, unless the Service approves a final financial reporting period extension (see Reporting Requirements section below). If you need more time to complete project activities, you must submit a written request to r8fa_grants@fws.gov before the end of the stated performance period (see Project/Program Plan and Budget Revisions section below).

Payments:

Your organization has completed enrollment in U.S. Treasury's Automated Standard Application for Payment (ASAP) system. When requesting payment in ASAP, your Payment Requestor will be required to enter an Account ID. The number assigned to this award is the partial Account ID in ASAP. When entering the Account ID in ASAP, the Payment Requestor should enter the award number identified in the subject line on letter followed by a percent sign (%). Refer to the ASAP.gov Help menu for detailed instructions on requesting payments in ASAP.

Use the information below to identify your award funds at: <https://www.asap.gov>

ASAP Accounting Information	FY/Funding Title	Federal Share	% of Federal Share	State Share	% of State Share	Total Award
F16AF00529-0001-0000	Wildlife	210,581	75%	70,193	25%	280,774
Totals:		\$210,581		\$70,193		\$280,774

Terms of Acceptance:

Acceptance of a financial assistance award (i.e., grant or cooperative agreement) from the Service carries with it the responsibility to be aware of and comply with the terms and conditions applicable to the award. Acceptance is defined as the start of work, drawing down or requesting funds, or accepting the award via electronic means. Awards are based on the application submitted to and approved by the Service. Awards are subject to the terms and conditions incorporated into the notice of award either by direct citation or by reference to the following: Federal regulations; program legislation or regulation; and special award terms and conditions. The terms and conditions of Service awards flow down to subrecipients and contractors, unless a particular award term or condition specifically indicates otherwise. The Federal regulations applicable to Service recipients and their subrecipients and contractors are listed by recipient type in the **Service Financial Assistance Award Terms and Conditions** posted on the Internet at <http://www.fws.gov/grants/>. If you do not have access to the Internet and require a printed copy of the award terms and conditions, contact the Service Project Officer identified below.

If Recipient decides to not accept this award, Recipient must notify the Service Project Officer in writing within 30 calendar days of that decision.

Special Conditions and Provisions:

- Cost accounting is required at Grant level
- Your organization's SAM CCR registration is set to expire on November 5, 2016. Under the terms and conditions of this award, your organization is required to maintain an active CCR registration throughout the entire approved award period.
- The equipment proposed (ATV and Transport Trailer) for purchase in the grant narrative is expected to have a useful life beyond the extent of the Grant Award. When the equipment is no longer needed for the original program or project, it may be used in other activities currently or previously supported by the Wildlife and Sport Fish Restoration program. Because the expected useful life of the equipment is longer than the grant award period, we request that information on the future use of this equipment be included in the final performance report. Additionally, according to 2 CFR 200.313, you must ensure the use, management and disposal of equipment acquired under the grant are in accordance with State laws and procedures.

Reporting Requirements:

Report Title	Report Period:	Due Date
Final Federal Financial Report (SF-425)	07/01/2016-06/30/2017	09/28/2017
Final Performance Report	07/01/2016-06/30/2017	09/28/2017

All Reports should be sent to r8fa_grants@fws.gov.

Recipients must use the Standard Form (SF) 425, *Federal Financial Report* form for all financial reporting. This form is available at http://www.whitehouse.gov/omb/grants_forms or Wildlife and Sport Fish Restoration Toolkit located at: <http://fawiki.fws.gov/display/WTK/Toolkit+Homepage>.

Performance reports must contain: 1) a comparison of actual accomplishments with the goals and objectives of the award as detailed in the approved scope of work; 2) a description of reasons why established goals were not met, if appropriate; and 3) any other pertinent information relevant to the project results. Please include the Service award number provided in the subject line of this letter on all reports.

Financial and performance reporting due dates may be extended by the Service upon receipt of a written request addressed to the Service at r8fa_grants@fws.gov identifying the type of report to be extended, the requested revised due date, and a justification for the extension. The Service may approve an additional extension if justified by a catastrophe that significantly impairs the Recipient's operations. Requests for reporting due date extensions must be received by the Service no later than one day before the original reporting due date.

Significant Developments Reports (see 2 CFR 200.328(d)):

Events may occur between the scheduled performance reporting dates that have significant impact upon the supported activity. In such cases, notify the Service Project Officer in writing as soon as the following types of conditions become known:

- Problems, delays, or adverse conditions that will materially impair the ability to meet the objective of the Federal award. This disclosure must include a statement of any corrective action(s) taken or contemplated, and any assistance needed to resolve the situation.
- Favorable developments that enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

Conflict of Interest Disclosures:

Recipients are responsible for notifying the Service Project Officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient, the Recipient's employees, or the Recipient's subrecipients in a position of conflict, real or apparent, between their responsibilities under this award and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationships, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or decision-making affecting the award that would cause a reasonable person with knowledge of the relevant facts to question the impartiality of the Recipient, the Recipient's employees, or the Recipient's subrecipients in the matter. Upon receipt of such a notice, the Service Project Officer in consultation with their Ethics Counselor will determine if a conflict of interest exists and, if so, if there are any possible actions to be taken by the Recipient, the Recipient's employee(s), or the Recipient's subrecipient(s) that could reduce or resolve the conflict. Failure to resolve conflicts of interest in a manner that satisfies the Service may result in any of the remedies described in 2 CFR 200.338, Remedies for Noncompliance, including termination of this award.

Other Mandatory Disclosures:

Recipients and their subrecipients must disclose, in a timely manner, in writing to the Service or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting this award. Non-Federal entities that have received a Federal award including the term and condition outlined in 2 CFR 200, Appendix XII—Award Term and Condition for Recipient Integrity and Performance Matters are required to report certain civil, criminal, or administrative proceedings to SAM. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (See 2 CFR 200.113, 2 CFR Part 180, 31 U.S.C. 3321, and 41 U.S.C. 2313).

Indirect Costs: Indirect costs under this award are approved on the condition that the Recipient will submit an indirect cost rate proposal to their cognizant agency immediately after the award is made and no later than 90 calendar days past the award performance period start date. The Recipient is not authorized to charge indirect costs under this award until the Recipient has received, and provided a copy to the Service Project Officer, an approved Negotiated Indirect Cost Rate Agreement (NICRA) from the Federal government. In the event the Recipient fails to establish an approved rate before the end of the award performance period, the Service may either: 1) deobligate the Federal amount budgeted for indirect costs and, if not otherwise prohibited by legislation or regulation, allow the Recipient to use costs otherwise allocable as indirect costs to satisfy cost-sharing or matching requirements; or 2) allow the Recipient to transfer the amount otherwise allocable as indirect costs to direct costs. Service approval of such budget changes will depend on the particular award circumstance. Indirect costs otherwise allocable to this award may not be shifted to another Federal award unless specifically authorized by legislation. The Recipient must comply with the approved NICRA agreement.

System for Award Management (SAM) Registration: Under the terms and conditions of this award, your organization must maintain an active SAM registration at <https://www.sam.gov/portal/public/SAM/> until the final financial report is submitted or final payment is received, whichever is later. If your organization's SAM registration expires during the required period, the Service will suspend payment under this and all other Service awards to your organization until you update your organization's SAM registration.

Project/Program Plan and Budget Revisions:

Recipients are required to report deviations from budget or project scope or objective, and request prior approvals for budget and program plan revisions in accordance with 2 CFR 200.308 unless otherwise specifically waived in this award.

Grant Period Extensions:

If additional time is needed to complete the approved project, you must send an SF-424 and written notice to the Service at r8fa_grants@fws.gov. This notice must be received prior to the authorized performance period end date, and must include supporting reasons and revised end date. Extensions for time cannot be authorized for the sole purpose of spending an unused balance of funds.

Project Contacts:

The Service Project Officer for this award is:	The Recipient Project Officer for this award is:
Justin Cutler, Grant Management Specialist Phone: (916) 414-6457 Cell: (916) 768-2336 Email: justin_cutler@fws.gov	Mike Cox, Staff Biologist Phone: (775) 688-1556 Email: mcox@ndow.org

Please contact Justin Cutler with any questions. Please include the Service award number provided in the subject line of this letter in all written communications.

Thank you for your interest and efforts in supporting conservation for fish and wildlife and their habitats.

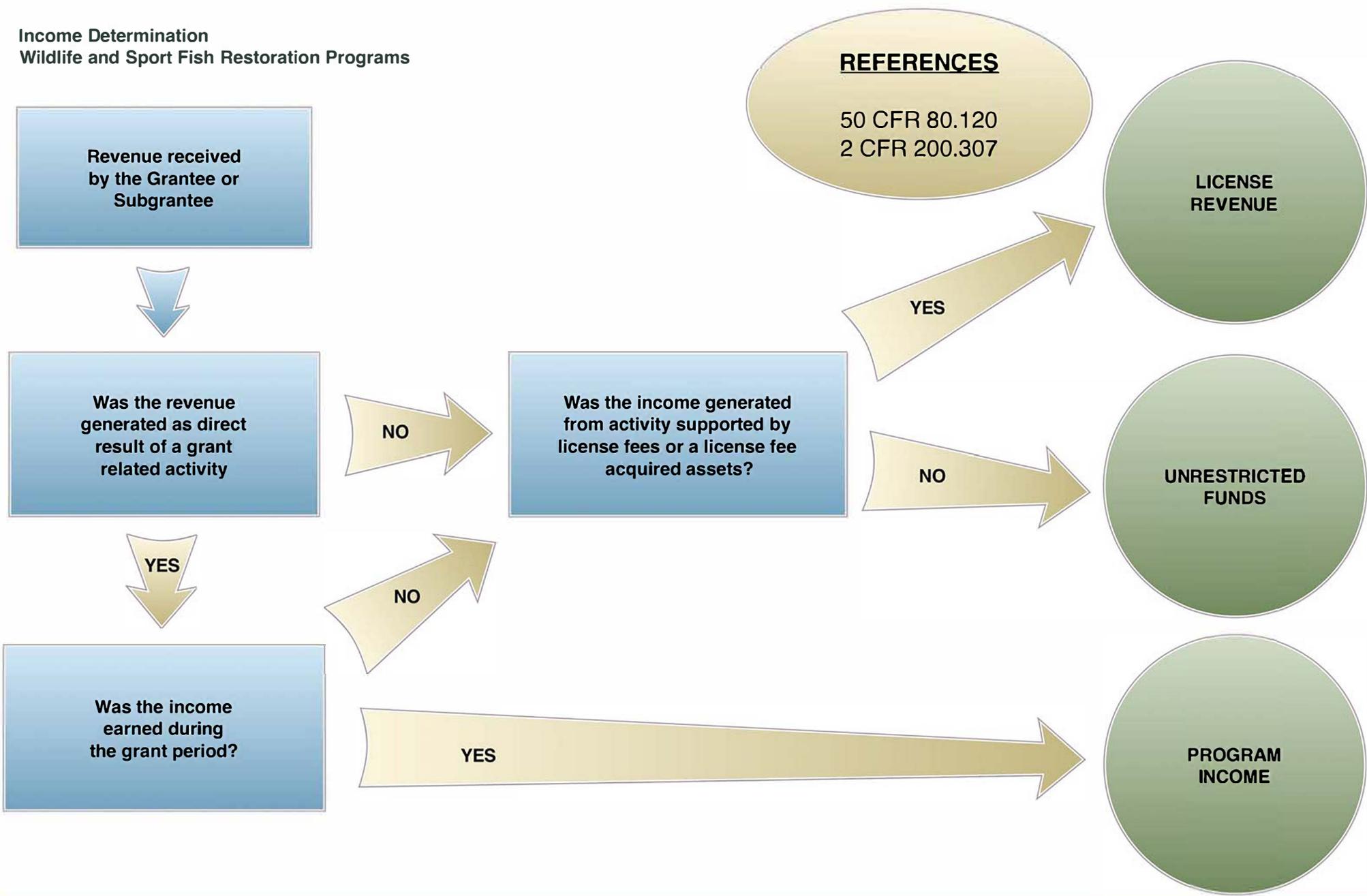
Sincerely,

Marie Strassburger
Chief

Enclosure: SF424, Budget and Narrative

THIS PAGE LEFT INTENTIONALLY BLANK

**Income Determination
Wildlife and Sport Fish Restoration Programs**



Real Property - Proceeds from the disposal of real property are not program income. Proceeds from the disposal of real property must be returned to the applicable program. Consult the FWS Regional Office for instructions. Disposal of real property requires prior approval from the FWS (50 CFR 80.137).

Barter Transactions - The exchange of goods or services for other goods or services without the use of cash. Barter transactions are to be handled in accordance with 50 CFR 80.98.

Governmental Revenues - Taxes, special assessments, levies, fines, and other such revenues raised by a grantee or subgrantee are not program income unless the revenues are specifically identified in the grant agreement or Federal agency regulations as program income. 2 CFR 200.307(c)

THIS PAGE LEFT INTENTIONALLY BLANK

TAB 7

Objectives:

1. Identify and explain activities involved in implementing, managing and monitoring grant awards
2. Describe the communication needed and people involved during grant implementation and management
3. Explain the importance of monitoring during the grant period and what should be monitored
4. Describe ways to monitor and evaluate the grant
5. Determine when a grant needs to be modified and what documentation needs to be provided

Handouts:

- 7-1 Valuing Donated Services
- 7-3 Sample In-kind Volunteer Timesheet

Grant Implementation

Once the Notice of Award is received by the grantee, what are the actions and/or activities that take place and who is involved?

Notice of Award

- Review important elements and disseminate information and/or award notice

[Start / end dates](#)

Establish accounting to manage and monitor grant award

- Accounting/tracking codes for federal funds and matching funds
- In-kind
- Inventory for real and personal property
- Obligation of federal funds
- Program income
- Financial reporting due dates
- Drawdowns (reimbursement of funds)

[Start / end dates](#)

Establish measures to manage and monitor grant performance

- Work schedules
- Purchases
- Salaries
- Contract services or subgrants
- Milestones
- Accomplishment reporting due dates
- Site visits

Allowable Costs (Cost Principles 2 CFR 200.403)

- Necessary and reasonable (2 CFR 200.404)
- Allocable under (2 CFR 200.405)
- Authorized, not prohibited under State or local laws or regulations
- In compliance laws, terms/conditions, governing regs, types/amounts
- Be consistent
- Conformance with GAAP
- Not included in cost/match of other federally funded activity
- Net of all applicable credits
- Adequately documented

What is Reasonable?

- Does not exceed what a prudent person would pay
- Factors determining reasonable
 - Generally recognized in government
 - Sound, arm's length, complying with State & Federal laws
 - Market prices
 - Acted with prudence
 - Significant deviations from established practices

Proper Allocation of Costs

- Chargeable or assignable to objective in accordance with relative benefits
- All activities receive an appropriate allocation of indirect costs
- Not charged to other Federal awards – deficiencies or restrictions
- Cost allocation plan

Reasonable + Allocable = Allowable

Third Party In-Kind Match (2 CFR 200.306)

Definition

Property or services which benefit a federally-funded activity and are contributed by non-federal third parties without charge to the grantee.

Eligibility Requirements

- Be documented in project records
- Not used to match another grant
- Match projects within a single grant, project, or sub-account
- Necessary and reasonable for the project objectives
- Allowable costs under OMB rules
- Not paid from other Federal funds
- Must occur within the effective dates of the grant (Exception: Land)

Proper Valuation of Goods

- What would the agency normally have to pay for those goods?
 - Price quotes
 - Other documented evidence of valuation
 - Governmental Rate Schedules

Valuing Donated Services

- Organization
 - Salaries plus fringe benefits
 - Must be for similar type of work
- Individual
 - Appropriate equivalent State rate
 - What would you have had to pay a staff person to perform the task?
 - Document your valuation methodology!



Exercise: Managing and Monitoring

Your accounting section has established an internal accounting code to track expenditures for your grant award. Field personnel are performing the work listed in our project statement. Salaries are being paid, supplies purchased and contracts initiated. What happens next?

1. Who is responsible for monitoring grant expenditures for compliance with federal rules and regulations? What role does the project leader play?

Combination Coordinator & accountant. Coordinator is aware of projects listed in project statement and should have knowledge of cost principles.

Accountants have knowledge of cost principles, direct/indirect expenses, etc. **Project leader is gatekeeper of funds ensuring costs eligible, necessary and reasonable**

2. What are some tools we can use to monitor grants? What is the role of a project leader in grant monitoring?

Progress reports, email, phone, site visits, Invoice transaction listings Budget status reports. Contract status. The key is to stay engaged with the monitoring process.

The need for a grant revision or reporting extension should be dealt with as early as possible.. Recognize the time it takes to accomplish procurement within the State process. Hiring takes time..Plan your process!

3. Can equipment be purchased on a WSFR program grant? Are there any restrictions on use of the equipment?

Yes equipment may be purchased if “necessary and reasonable” for accomplishment of the grant objective(s). **Can equipment be used for other purposes?** Alternative use of the equipment must not interfere with the primary purpose of acquisition. Can use for other WSFR projects/purposes after grant closes. Must follow state policy for disposal of equipment

2 CFR 200.313



Exercise: Managing and Monitoring

4. What are some ways a grantee can provide match for a grant?

Most WSFR grants have a matching requirement.

The matching is usually provided proportionally whether cash or in-kind.

It depends on which part of the CMIA your agency is required to follow.

Most States do not have to match proportionally. (Can draw 100% until fed funds gone).

5. A local construction company donates the use of their heavy equipment to your agency to perform grant related work. Is this an allowable in-kind match? If so, how will the value be determined?

Yes, value of third party contributions applicable to the period to which the sharing or matching requirements apply. Not necessary to have prior approval for in-kind. See 2 CFR 200.306 for various methods of valuing third party contributions. Phone bids etc...

6. Could there be compliance issues to address during the implementation phase of the grants management process?

Yes, if something is uncovered (artifacts, remains etc...) compliance may need to be re-addressed. 48 hours to notify SHPO to propose actions to resolve adverse affects.

Civil rights, ADA, etc.

Or—may discover previously unknown occurrence of listed species. Must perform compliance.



Exercise: Managing and Monitoring

7. What happens if grant objectives are not met? Are there valid reasons objectives may not be met?

It depends on the reason the objectives were not met. May have to pay back funds. There are valid reasons for not meeting objectives, weather delays, change in key personnel, contractor performance, lack of communication & coordination. Hiring freeze, illness, equipment breakdown.

8. Does a grant award ever need to be revised?

Yes, to add, delete or modify a project, funding changes, etc.

Changes as a result of monitoring/managing, being proactive.

More details on next slide

Revising a Grant

If changes are anticipated during the post award phase a grant revision is appropriate.

When to revise the grant:

- Addition, deletion, modification of a project objective or job
- Change in key personnel
- Extension of funding period
- Increasing or decreasing Federal funds
- Revising rate of Federal participation

Note: When revising a grant for an addition or modification of a project or job, compliance may need to be addressed.

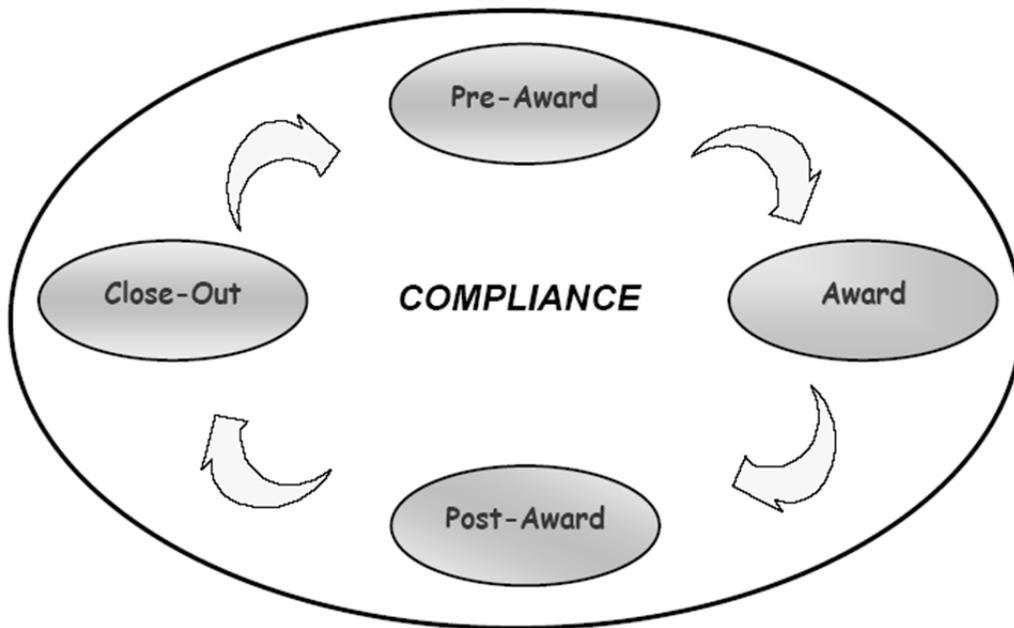
Notes:



2 CFR 200.308

Keeping the Work Going

Prior to the ending date of the grant award, an application may be submitted to continue the project (s) into the next funding period by submitting an SF-424 and supporting documents. "Continuation" is checked as the Type of Application on the SF-424. In addition SF-424 may be submitted for new projects.



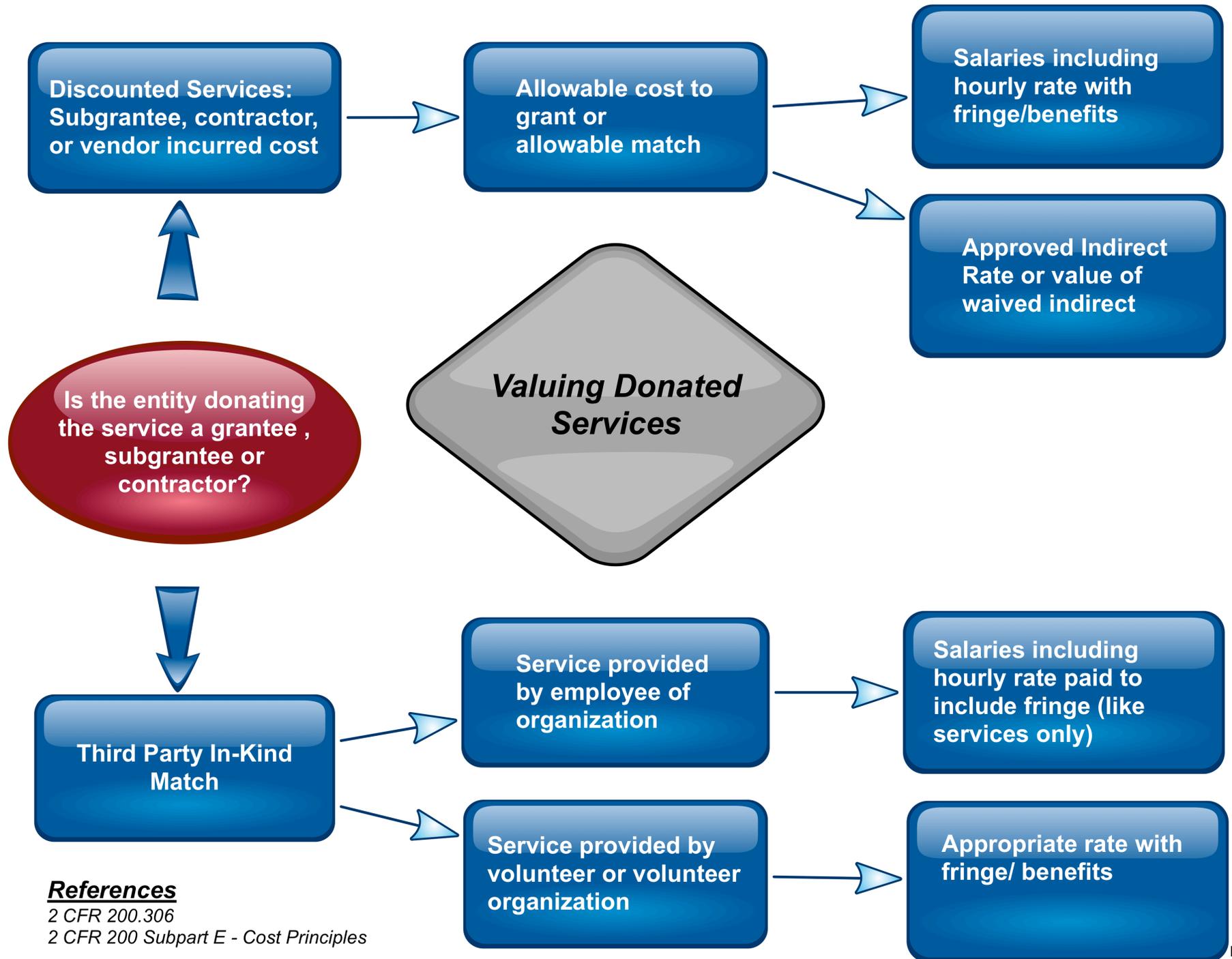
Notes:



Learning Points

- ✓ Effective communication is essential to successfully implementing a grant.
- ✓ Grants require managing and monitoring fiscal, program and compliance concerns throughout process.
- ✓ Anticipated changes as a result of managing and monitoring grant awards may require modifying or amending the grant.

VALUING DONATED SERVICES



References

2 CFR 200.306

2 CFR 200 Subpart E - Cost Principles

THIS PAGE LEFT INTENTIONALLY BLANK

VOLUNTEER TIME & MILEAGE FORM



Hunter Education Program

P.O. Box 000
Any State 00000

Location of Course: _____
(Town in which course was taught)

Type of Course: _____
(Basic, Bow, Muzzleloading, Map & Compass, Trapping, Waterfowl ID)

Name: _____ Region _____
(Please print your name clearly!!!)

Name of Master Instructor: _____

Address: _____

Your Contribution to the Course: _____
(If Basic course, be specific ie: Bowhunting Basics, Firearms and Ammunition, Hunter Ethics)

Date	Class No.	A. - Hrs. Admin.	B. - Hrs. Instruction	C. - Hrs. Travel	Add A + B + C	Miles Per. Date	Your Signature <i>Please sign each line</i>
Total Hours ▶▶							◀◀ Total Mileage

- A. Hours for administrative meetings, workshops, trainings, shows, planning or course preparation spent outside the classroom.
- B. Hours spent in the classroom (including set-up and break-down).
- C. Total hours spent traveling to and from activities (including time even if passenger).

Signature of Master Instructor: _____

Last Date of course: _____

Signature Agency Hunter Ed Staff: _____ Date: _____

THIS PAGE LEFT INTENTIONALLY BLANK

TAB 8

Objectives:

1. Identify reporting requirements
2. Explain the consequences of not meeting the reporting requirements

Handouts:

- 8-1 Reporting due date charts
- 8-3 TRACS sample performance report

Reporting Requirements

Federal Financial Report (FFR)

- SF 425
- Hard copy, electronic, scanned or faxed
- Signature of authorized representative (may be electronic)

Performance Report (2 CFR 200.328)

- No standard or printed form
- Required information
- Hard copy, electronic, scanned, faxed or email containing required information
- Must be received from grantee or authorized representative of grantee

TRACS Performance Reports

Actions created in TRACS are managed and monitored through a workflow process. At the end of the reporting period the progress of Actions are entered and a PDF Performance Report is generated by TRACS for each project. Grantees may submit this Performance Report to meet the Federal reporting requirements of the grant.

Notes:

Frequency

- Required at least annually for grants over one year (annual interim) and at end of grant period (final)

- Annual interim due 90 calendar days after the end of each 4 FULL Quarters based on fiscal quarters (March 31, June 30, September 30 and December 31)

- Final
 - Due 90 calendar days after the grant ending date

- Extension may be requested for annual interim or final
 - Request must be in writing; letter, fax or email
 - Prior to original due date
 - Include justification, revised due date and type of report

- If extension is approved
 - Issue extension in writing; letter, fax or email
 - Notification includes non-compliance sanctions that may be imposed
 - WSFR Program may approve one extension up to 90 days

WSFR may require reports quarterly or more frequently under certain conditions. This will be clearly stated in pre-award, award or post-award.

Notes:

Remedies for Non-Compliance

- Report is not received by due date within 30 days WSFR will:
 - Issue written warning notice stating non-compliance with grant terms
 - Require report to be submitted within 10 calendar days or no further payments will be made and award suspended

- Report or explanation is not received by end of 10 day period:
 - Grant award and payments suspended
 - Require report to be submitted within 30 calendar days of suspension or suspension will be converted to termination and further awards withheld for the grant program

Notes:

Performance Reports (2 CFR 200.328)

There is no standard report format, but specific information is required. Information in project statements and performance reports must “connect”.

- Performance Reports will contain, for each grant award, brief information on the following: (2 CFR 200.328)
 - A comparison of actual accomplishments to the objectives established for the period
 - The reason for slippage, if established objectives were not met.
 - Weather, Permit
 - Contractors, Budget
 - Changes in Key Personnel
 - Additional pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs
 - Photos, Brochures, Supporting Information
- Additional information may be required based on the type of project
 - Research
 - Land

Performance Reporting (TRACS)

- Actions (approaches) are created any time after the post award phase
- Accomplishment reporting now occurs at the action level
- TRACS will generate a performance report bundle (PDF) that groups all actions for each project and all projects by WSFR grant
- Submit the performance report using the TRACS system



2 CFR 200.328



Learning Points

- ✓ Financial and Performance reports are due 90 days after the grant period or annually depending on award period
- ✓ Performance reports have specific information requirements
- ✓ There are negative consequences for not complying with reporting requirements

THIS PAGE LEFT INTENTIONALLY BLANK

Determining the Reporting Periods and Due Dates Reports

Funding Period Effective Date	Annual Interim Report End Effective Date	Annual Interim Report Due Dates
January 1	December 31	March 31
January 2- March 31	March 31	June 29
April 1	March 31	June 29
April 2- June 30	June 30	September 28
July 1	June 30	September 28
July 2- September 30	September 30	December 29
October 1	September 30	December 29
October 2 – December 31	December 31	March 31

Examples of Reporting Periods and Report Due Dates

Award Funding Period		Length of Award	First Annual Interim Reporting Period	First Annual Interim Report Due Date	Subsequent Annual Interim Reporting Periods	Subsequent Annual Interim Report Due Dates	Final Report Due Date
Award Start Date	Award End Date						
4/1/2009	3/31/2010	12 Months	Not Required	Not Required	Not Required	Not Required	6/29/2010
4/2/2009	6/30/2010	Almost 15 Months	Not Required	Not Required (See Note 1)	Not Required	Not Required	9/28/2010
4/1/2009	6/30/2010	15 Months	4/1/2009-3/31/2010	06/28/2010	Not Required	Not Required	9/28/2010 (See Note 2)
4/2/2009	9/30/2010	Almost 18 Months	4/2/2009-6/30/2010	9/28/2010	Not Required	Not Required	12/29/2010 (See Note 2)
4/2/2009	6/30/2011	Almost 27 Months	4/2/2009-6/30/2010	9/28/2010	Not Required	Not Required	9/28/2011
4/1/2009	9/30/2011	30 Months	4/1/2009-3/31/2010	6/28/2010	4/1/2010-3/31/2011	06/28/2011	12/29/2011
4/2/2009	9/30/2011	Almost 30 Months	4/2/2009-6/30/2010	9/28/2010	7/1/2010-6/30/2011	9/28/2011 (See Note 2)	12/29/2011 (See Note 2)

NOTES:

1 – An Annual Interim Report is not required until the award period contains 4 full quarters. In the example, the award start date of April 2nd prevents the 1st quarter from being a full quarter (short by 1 day).

2 - Grantees may submit the Final Report by the Annual Interim Report due date to avoid submitting both an Annual Interim and Final Report.

Final Performance Report

Date Generated: January 31, 2014

BMP_HE

SAP/PO Number# SAMPLE1008
Mod Number- 0-BASE

Table of Contents

Grant Performance Snapshot

- Grant # SAMPLE1008 - BMP_HE
 - Project Statement # 370478 - Basic Hunter Education
 - Project Statement # 370489 - Shooting Range Renovation

Appendix A: Grant Details

- Grant # SAMPLE1008 - BMP_HE

Appendix B: Project Statement Details

- Project # 60000000 - BMP_Hunter Education
 - Project Statement # 370478 - Basic Hunter Education
 - Project Statement # 370489 - Shooting Range Renovation

Appendix C: Project Details

- Project # 60000000 - BMP_Hunter Education

Appendix D: Action Details

- Action # 370493 - Basic Hunter Education Courses
- Action # 370512 - Student Certification
- Action # 370519 - Volunteer Coordination
- Action # 370525 - Volunteer Instructor Recruitment
- Action # 370531 - Additional shooting facilities

Grant Performance Snapshot

Grant Snapshot #SAMPLE1008 - BMP_HE

[View Grant Details] [top]

Grant SAP/PO Number SAMPLE1008
 Grant Mod Number 0-BASE
 Start Date July 1, 2012
 End Date June 30, 2013

Grant Funds Allocated to Actions

Action	Action Category	Est. WSFR Fed Cost	Est. WSFR Non-Fed Match	Est. Total Amount
Volunteer Coordination	Education	\$30,000	\$10,000	\$40,000
Basic Hunter Education Courses	Education	\$30,000	\$10,000	\$40,000
Additional shooting facilities	Facilities and Areas (Major Renovation)	\$60,000	\$20,000	\$80,000
Student Certification	Education	\$30,000	\$10,000	\$40,000
Volunteer Instructor Recruitment	Education	\$30,000	\$10,000	\$40,000
Totals		\$180,000	\$60,000	\$240,000

Project Statement Performance #370478 - Basic Hunter Education

[\[View Statement Details\]](#) [\[top\]](#)

Project Name BMP_Hunter Education
[\[View Project Details\]](#)

SMART Objectives - Needs/Threats

1 - Training Needs

Need/Threat Level 2

Level 1 Need/Threat Recreation Needs

Description The hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, over the last two decades, the State of WV had a hunting incident rate 12% above the national average. The number of basic hunter education courses offered annually in the State of WV was grossly inadequate to meet the demand for all potential first time hunters.

Objectives

Objective ID - 1

Objective Name Basic Hunter Education Courses

Objective Statement Conduct a minimum of 600 basic hunter education courses statewide in West Virginia through multiple delivery methods by June 30, 2013

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
600	0	courses	June 29, 2013

% of Desired Output Reported by Action



■ Action 370493

Addressing Actions

Action # 370493 - Basic Hunter Education Courses

[\[View Action Details\]](#)

% of Desired Output by Date



06/29/2013

Date Reported	Reported Value	Output	% of Desired Output
June 29, 2013	650	courses	108%
Results	Conducted 650 basic hunter education courses statewide.		
Totals	650	courses	108%

Objective ID - 2

Objective Name Student Certification

Objective Statement Train and certify 18,000 students in basic hunter education by June 30, 2013

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
18000	0	Students	June 29, 2013

% of Desired Output Reported by Action



Action 370512

Addressing Actions

Action # 370512 - Student Certification

[View Action Details]

% of Desired Output by Date



06/29/2013

Date Reported	Reported Value	Output	% of Desired Output
June 29, 2013	18500	Students	103%

Results	Trained and certified 18,500 students in basic hunter education.		
Totals	18500	Students	103%

Objective ID - 3

Objective Name Volunteer Coordination
 Objective Statement Develop and maintain the existing corps of 1800 volunteer hunter education instructors by June 30, 2013.

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
1800	0	Instructors	June 29, 2013

% of Desired Output Reported by Action



Addressing Actions

Action # 370519 - Volunteer Coordination

[View Action Details]

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
June 29, 2013	1800	Instructors	100%
Results	Provided training, evaluation, recognition and coordination of current volunteer staff.		
Totals	1800	Instructors	100%

Objective ID - 4

Objective Name Volunteer Instructor Recruitment
 Objective Statement Recruit and train 200 new volunteer instructor corps by June 30, 2013.

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
200	0	Instructors	June 29, 2013

% of Desired Output Reported by Action



Addressing Actions

Action # 370525 - Volunteer Instructor Recruitment

[View Action Details]

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
June 29, 2013	180	Instructors	90%
Results	Succesfully recruited and trained 180 new volunteer hunter education instructors		
Totals	180	Instructors	90%

Project Statement Performance #370489 - Shooting Range Renovation

[View Statement Details] [top]

Project Name: BMP_Hunter Education
[View Project Details]

SMART Objectives - Needs/Threats

1 - Training Needs

Need/Threat Level: 2

Level 1 Need/Threat: Recreation Needs

Description: The hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, the State of WV has a hunting incident rate 12% above the

national average over the last two decades. There is a lack of adequate shooting ranges in WV where hunters can develop safe shooting and gun handling skills.

Objectives

Objective ID - 1

Objective Name Additional Shooting Facilities
 Objective Statement Renovate 4 existing WV DNR managed shooting ranges to provide 3 additional shooting lanes at each range for a total of 12 new shooting lanes statewide by June 30, 2013.

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
4	0	Sites	June 29, 2013

% of Desired Output Reported by Action



Addressing Actions

Action # 370531 - Additional shooting facilities

[View Action Details]

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
June 29, 2013	4	Sites	100%
Results	Construction completed of 12 new shooting lanes at 4 existing shooting ranges operated and maintained by WV DNR for a total of eight new shotgun lanes and 4 new rifle lanes.		
Totals	4	Sites	100%

Appendix A: Grant Details

Grant Details #SAMPLE1008 - BMP_HE

[top]

Grant SAP/PO Number SAMPLE1008
 Grant Mod Number 0-BASE
 Recipient State West Virginia
 Start Date July 1, 2012
 End Date June 30, 2013

Grant Programs

Program	Est. WSFR Fed Cost	Est. WSFR Non-Fed Match
Hunter Ed - Enhanced	\$60,000	\$20,000
Hunter Ed - Basic	\$120,000	\$40,000
Totals	\$180,000	\$60,000

Grantors U.S. Fish and Wildlife Service
 Agency Grantees WV DNR

Appendix B: Project Statement Details

Project Snapshot #60000000 - BMP_Hunter Education

[View Project Details] [top]

Primary Agency WV Department of Natural Resources
 Start Date June 29, 2012
 End Date June 28, 2013
 Project Categories Recreation,
 Administration

Project Statement Details #370478 - Basic Hunter Education

[top]

Properties

Is Revision? No
 Grant Programs Hunter Ed - Basic

Project Statement	Estimated WSFR Federal Cost:	\$160,000
Cost Breakdown	Estimated WSFR Non-Federal Match:	\$40,000
	Total Estimated Cost:	\$200,000

Cost Breakdown Graph



Need Statement

The State of West Virginia (WV) has enjoyed a rich hunting heritage throughout its history. Hunting provides benefits to the WV economy, improves wildlife management in WV and provides wildlife dependent recreation. West Virginia's abundance of natural habitat, public lands and bountiful game species allows for limitless opportunities for people to participate in hunting. Unfortunately, the hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, over the last two decades the State of WV had a hunting incident rate 12% above the national average. A survey of current, former and potential new hunters, performed by State University in 2009, revealed that the number of basic hunter education courses offered annually in the State of WV was grossly inadequate to meet the demand for all potential first time hunters. The survey revealed hunter dissatisfaction over the lack of courses offered at convenient locations and times throughout the year. It is imperative that WV DNR meet the statewide demand to provide basic hunter education courses to develop safe and responsible hunters. Failure to take action to meet the demand for hunter education will result in continued unsatisfactory levels of hunting incidents and will significantly jeopardize Grace's ability to sustain a rich hunting heritage and safe hunting experience.

Approach

Employ one full time professional and two part time staff involved in the management and oversight of the state mandated Basic Hunter Education program. Staff will develop, manage and provide support services for the ongoing operation of the state mandated Basic Hunter Education program. Responsibilities include maintenance of a reliable state-of-the-art, customer-friendly student registration and record managements system via web-based technology. Hunter education students will be able to locate and register for any hunter education class via the Internet. Volunteer instructors will be able to conveniently and efficiently manage student and course records. The Hunter Education staff will acquire training equipment, event supplies and materials to conduct above programs and activities. The Hunter Education staff will develop and implement multiple course delivery methods including instructor-led, home study and on-line courses. Courses will be added in strategic locations where demand is highest. Hunter Education staff will be responsible for the recruitment, training and recognition of at least 200 new volunteer instructors. This includes conducting a minimum of six (6) new instructor training workshops annually that provide standardized training on subjects such as: lesson plan development, records management, public speaking, learning styles & educational theory, use of teaching aids, interactive teaching methods, student evaluations, conducting skill-based training exercises, dilemma-style teaching methods, program policy and procedures, child protection and sexual harassment. To provide for the ongoing development and implementation of instructor training curricula and programs, staff will conduct at least six (6) in-service instructor training workshops for 1800 existing volunteer instructors to address ongoing and current training needs. To maintain and develop a volunteer corps, staff will develop,

acquire, distribute and maintain teaching aids, course materials, volunteer uniforms and equipment used in the recruitment, training, recognition and management of all hunter education program instructors. To maintain and develop volunteer instructor corps an incentive program for volunteer instructors will be developed and implemented whereby instructors will be presented awards based upon established performance standards, such as "number of classes taught", "number of training events attended", etc.

Expected Results

- A decrease in hunting incidents below the national average.
- Customer demand for basic hunter education training fully satisfied.
- A well developed, highly skilled and trained volunteer instructor corps.
- A decrease in hunting incidents below the national average.
- Customer demand for basic hunter education training fully satisfied.
- A well developed, highly skilled and trained volunteer instructor corps.

General

The proposed project activities are eligible for funding and meet criteria for substantiality in character and design under 50 CFR 80.50 (b)

Useful Life

NA

Program Income

None anticipated

Multipurpose Projects

NA

Relationship with Other Grants

Volunteer instructors once trained may be used for instructing advanced hunter education topics such as tree stand safety, turkey hunting, target shooting and archery instruction through the National Archery in the Schools (NASP) program. These courses are conducted under WSFR project W-001-E Enhanced Student Training.

Timeline

- July 1-August 30, 2012- All equipment, supplies and materials procured.
- August - September 30, 2012, six volunteer instructor training courses conducted regionally.
- One in-service instructor training course and recognition event conducted bi-monthly.
- Hunter education courses and workshops conducted monthly.

SMART Objectives - Needs/Threats

1 - Training Needs

Need/Threat Level 2

Level 1 Need/Threat Recreation Needs

Description The hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, over the last two decades, the State of WV had a hunting incident rate 12% above the national average. The number of basic hunter education courses offered annually in the State of WV was grossly inadequate to meet the demand for all potential first time hunters.

Objectives

Objective ID - 1

Objective Name Basic Hunter Education Courses

Objective Statement Conduct a minimum of 600 basic hunter education courses statewide in West Virginia through multiple delivery methods by June 30, 2013

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
600	0	courses	June 29, 2013

Objective ID - 2

Objective Name Student Certification

Objective Statement Train and certify 18,000 students in basic hunter education by June 30, 2013

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
18000	0	Students	June 29, 2013

Objective ID - 3

Objective Name Volunteer Coordination

Objective Statement Develop and maintain the existing corps of 1800 volunteer hunter education instructors by June 30, 2013.

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
1800	0	Instructors	June 29, 2013

Objective ID - 4

Objective Name Volunteer Instructor Recruitment

Objective Statement Recruit and train 200 new volunteer instructor corps by June 30, 2013.

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
200	0	Instructors	June 29, 2013

Project Statement Details #370489 - Shooting Range Renovation

[top]

Properties

Is Revision? No
Grant Programs Hunter Ed - Enhanced

Project Statement	Estimated WSFR Federal Cost:	\$80,000
Cost Breakdown	Estimated WSFR Non-Federal Match:	\$20,000
	Total Estimated Cost:	\$100,000

Cost Breakdown Graph



Need Statement

The State of West Virginia (WV) has enjoyed a rich hunting heritage throughout its history. Hunting provides benefits to the WV economy, improves wildlife management in WV and provides wildlife dependent recreation. West Virginia's abundance of natural habitat, public lands and bountiful game species allows for limitless opportunities for people to participate in hunting. Unfortunately, the hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, the State of WV has a hunting incident rate 12% above the national average over the last two decades. A survey of current, former and potential new hunters, performed by Grace State University in 2009, revealed that there is a lack of adequate shooting ranges in WV where hunters can develop safe shooting and gun handling skills. It is imperative that WV DNR meet the statewide demand to provide shooting facilities to develop safe and responsible hunters. Failure to take action to meet the demand for hunter education will result in continued unsatisfactory levels of hunting incidents and will significantly jeopardize WV's ability to sustain a rich hunting heritage and safe hunting experience.

Approach

Contracts will be offered to renovate 4 existing WV DNR managed shooting ranges in the four establish geographic districts. Renovations will be to construct 3 additional (2 shotgun and 1 rifle) shooting lanes at each range. Renovations will begin in September after contracts are awarded and engineering designs have been completed and approved. Compliance reviews for NEPA, Sec 7 of the ESA and NHPA will be conducted before renovations begin.

Expected Results

- A decrease in hunting incidents below the national average.
- Customer demand for shooting facilities fully satisfied.
- Increased access and opportunity to state managed shooting ranges
- A decrease in hunting incidents below the national average.
- Customer demand for shooting facilities fully satisfied.
- Increased access and opportunity to state managed shooting ranges

General

The proposed project activities are eligible for funding and meet criteria for substantiality in character and design under 50 CFR 80.50 (b)

Useful Life

25 years expected useful life for the new shooting lanes based on prior experience with operation and maintenance of shooting facilities.

Program Income

None anticipated. No range fees collected

Multipurpose Projects

NA

Relationship with Other Grants

West Virginia Basic Hunter Education W-000-E

Timeline

- Engineering design for range renovations completed by September 1, 2012.
- Range renovation begins September 1, 2012 and completed by April 1, 2013.

SMART Objectives - Needs/Threats

1 - Training Needs

Need/Threat Level	2
Level 1 Need/Threat	Recreation Needs
Description	The hunting culture in WV has resulted in unsatisfactory levels of hunting incidents. According to the National Hunter Education Association, the State of WV has a hunting incident rate 12% above the national average over the last two decades. There is a lack of adequate shooting ranges in WV where hunters can develop safe shooting and gun handling skills.

Objectives

Objective ID - 1

Objective Name	Additional Shooting Facilities
Objective Statement	Renovate 4 existing WV DNR managed shooting ranges to provide 3 additional shooting lanes at each range for a total of 12 new shooting lanes statewide by June 30, 2013.

Standard Indicators

Desired Future Value	Base Value	Output	Deadline
4	0	Sites	June 29, 2013

Appendix C: Project Details

Project Details #60000000 - BMP_Hunter Education

[top]



Properties

Status	Active
Primary Agency	WV Department of Natural Resources
Primary Contact	Ed Cator
Start Date	June 29, 2012
End Date	June 28, 2013
Is Project Sensitive?	No
Project Categories	Recreation, Administration
Action Categories	Education, Facilities and Areas (Major Renovation)

Project Description

Basic Hunter Education has played an important role in making West Virginia a safe place to live and enjoy its bountiful natural resources. It also is critical to the continued enjoyment of the important part of West Virginia's tradition and heritage. The Hunter Education Program is intended to impact the new hunter's knowledge, skill, attitude, behavior, and hunting incident rate. The program provides educational experiences to improve hunter-landowner relationships and acceptance of hunting by nonhunting citizens. The program also teaches students about wildlife biology, conservation, and habitat.

Hunter Education provides classes targeted to certain audiences, and provides alternative delivery methods to provide an excellent opportunity to reach non-traditional hunters and hunters with previous experience.

Location Details

Is Statewide Project? Yes

Action Summaries

Action # 370493 - Basic Hunter Education Courses

[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education
Action Strategy	Student training

Action # 370512 - Student Certification

[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education
Action Strategy	Student training

Action # 370519 - Volunteer Coordination

[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education
Action Strategy	Educator/Instructor training

Action # 370525 - Volunteer Instructor Recruitment

[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education
Action Strategy	Educator/Instructor training

Action # 370531 - Additional shooting facilities

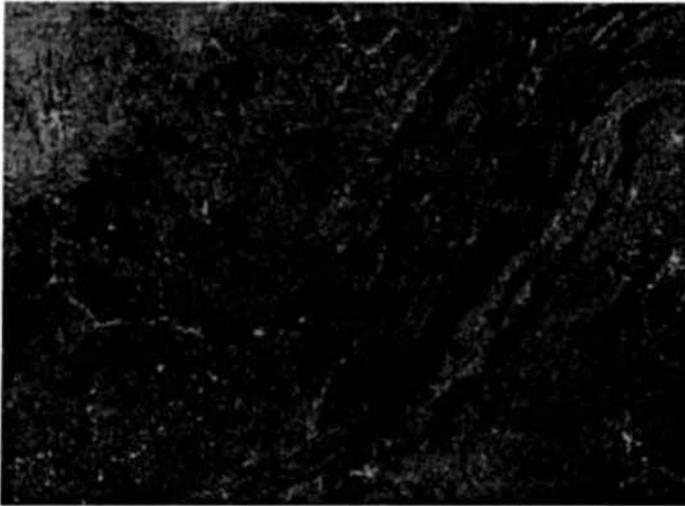
[View Action Details]

Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Facilities and Areas (Major Renovation)
Action Strategy	Hunter education - firearm shooting ranges

Appendix D: Action Details

Action Details #370493 - Basic Hunter Education Courses

[top]



Properties

Project Name	BMP_Hunter Education [View Project Details]
Status	Completed
Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education

Action Strategy

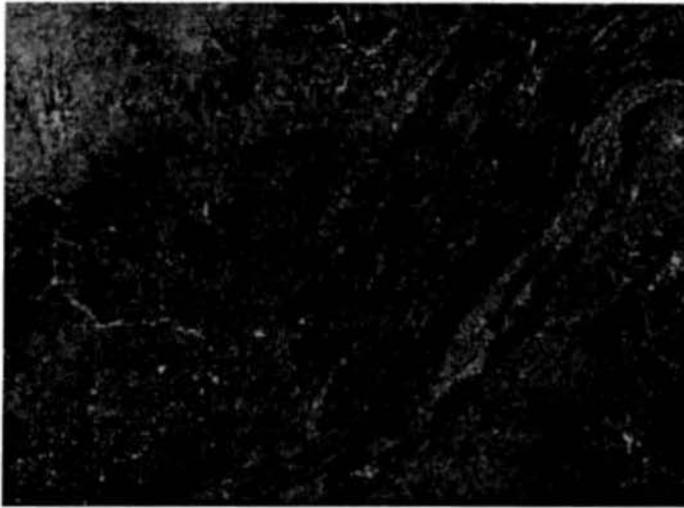
Strategy	Measured Output	Output Unit
Student training	600	Students

Activities

Activity	Measured Output	Output Unit
Wildlife education	0	Students
Aquatic resource education	0	Students
Hunter education - firearms	600	Students
Hunter education - other archery	0	Students
Hunter education - Archery in the Schools	0	Students

Action Details #370512 - Student Certification

[\[top\]](#)



Properties

Project Name BMP_Hunter Education
 [View Project Details]

Status Completed

Start Date June 29, 2012

End Date June 28, 2013

Action Category Education

Action Strategy

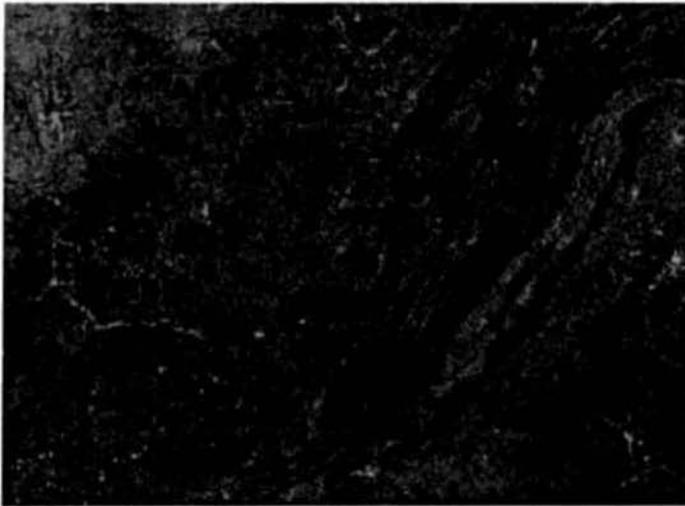
Strategy	Measured Output	Output Unit
Student training	18500	Students

Activities

Activity	Measured Output	Output Unit
Hunter education - other archery	0	Students
Aquatic resource education	0	Students
Hunter education - Archery in the Schools	0	Students
Hunter education - firearms	18500	Students
Wildlife education	0	Students

Action Details #370519 - Volunteer Coordination

[top]



Properties

Project Name BMP_Hunter Education
 [View Project Details]

Status Completed

Start Date June 29, 2012

End Date June 28, 2013

Action Category Education

Action Strategy

Strategy	Measured Output	Output Unit
Educator/Instructor training	1800	Instructors

Activities

Activity	Measured Output	Output Unit
Hunter education - firearms	1800	Instructors
Aquatic resource education	0	Instructors
Cumulative hours of volunteer effort	0	Hours
Cumulative number of active instructors	0	Instructors

Action Details #370525 - Volunteer Instructor Recruitment

[top]



Properties

Project Name	BMP_Hunter Education [View Project Details]
Status	Completed
Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Education

Action Strategy

Strategy	Measured Output	Output Unit
Educator/Instructor training	200	Instructors

Activities

Activity	Measured Output	Output Unit
Cumulative number of active instructors	0	Instructors
Cumulative hours of volunteer effort	0	Hours
Aquatic resource education	0	Instructors
Hunter education - firearms	200	Instructors

Action Details #370531 - Additional shooting facilities

[\[top\]](#)



Properties

Project Name	BMP_Hunter Education [View Project Details]
Status	Completed
Start Date	June 29, 2012
End Date	June 28, 2013
Action Category	Facilities and Areas (Major Renovation)

Action Strategy

Strategy	Measured Output	Output Unit
Hunter education - firearm shooting ranges	4	Sites

Images

Shooting Range Expansion

[\[Download\]](#)

File Name	IMG_0091.JPG
Author	Ed U Cator
Uploaded Date	December 17, 2013

TAB 9

Objectives:

1. Describe the actions and documentation that initiate grant closure
2. Become familiar with the dissemination of information
3. Describe the communication and people involved in grant closure
4. Understand your role in closing a grant

Handouts:

- None

Grant Closure Process

The Grantee/State must submit a:

1. **Final Drawdown** (request for reimbursement)
2. **Performance Report** (a final report if closing out a research grant)
3. **Federal Financial Report** (SF-425)

A final drawdown should be made through ASAP to request reimbursement for federal share of grant expenditures.

The performance and financial reports are due to the Regional Wildlife and Sport Fish Restoration Program Office within 90 days after the grant's ending date. If these reports cannot be provided within the 90 day period, a written request for an extension must be submitted prior to the deadline.

The Regional Wildlife and Sport Fish Restoration Program Office is responsible for:

1. **Monitoring State accomplishments** (performance reports, site visits, etc.)
2. **Processing the Federal Financial Report** (SF-425)
3. **Updating FBMS**

Federal staff reviews and accepts the closure documentation. Information is entered into the Federal Business Management System (FBMS).

Closure and Disposition of Remaining Funds

Submission and acceptance of the final Federal Financial Report (SF-425) closes the grant award and denotes disposition of the remaining balance on the award (unused balance of grant funds). The grant award is closed financially.

The unused balance may be returned to the grantee, reverted back to the program or used for other purposes depending on the established rules and regulations for each specific grant program.

Distribution of Information

One of the last things to happen is the distribution of information about the project results.

Both Federal and State agencies distribute information through:

- Fishing, hunting, boating, and outdoor shows
- Journals and magazines
- Technical assistance with other states
- Accomplishment Reports
- FBMS
- TRACS

Notes:

REVIEW

Steps in the Grants Management Process

1. Needs Assessment - identifies needs, issues and problems
2. Identify a Project that would meet the need(s) identified in the needs assessment
3. Identify the grant program and grant type appropriate for the project
4. Prepare and submit a Grant Application package: SF-424, Standard Assurances, Project Statement, and other required documents
5. Grant application package is reviewed, approved and awarded
6. Implementation, Monitoring and Evaluation of the grant
7. Grant changes and continued implementation, monitoring and evaluation
8. Grant closure
9. Dissemination of information
10. Re-assess needs for new grant and monitor for post closure issues

**Learning Points**

- ✓ The grant closure process requires effective communication among several people
- ✓ Grantee initiates grant closure by submitting final financial and performance reports
- ✓ Submission and acceptance of final financial report closes grant award and disposes of unused grant funds
- ✓ Information from performance reports is distributed in various formats to program stakeholders
- ✓ The primary role of a project leader in closing a grant is the completion of the performance report and ensuring all charges to the grant are submitted

THIS PAGE LEFT INTENTIONALLY BLANK

TAB 10

Objectives:

1. Identify responsibilities that continue after grant closure
2. Discuss 2 CFR 200.507 (Program Audits)
3. Describe importance of understanding and applying grant program requirements and guidance

Handouts:

- None

Post Grant Closure Responsibilities

Land purchased with WSFR funds or license revenue

Land purchased with federal funds carries a perpetual federal nexus which applies to all land use, ownership, control and disposition. Income issues with bartering, timbering and mineral extraction. Land purchased with license revenue must stay within the control of the F&W agency because

Facilities purchased, constructed, or improved with WSFR funds

Have ongoing responsibilities such as useful life, **access** and program income. FWS will be putting useful life in grant award and may go back to make determination on past grants.

522 FW 21, 22,

Equipment acquired using WSFR funds

Must be used by the grantee or subgrantee in the project for which it was acquired as long as needed whether activity continues to be funded by WSFR.

When no longer needed may be used for activity currently or previously

Monitoring Cooperative Agreements and Sub-grantees

Binding contracts that have protection and performance requirements that often extend beyond the grant ending date. ie..state park boat ramps public access and hunter education program use of shooting, ranges disposition/use of user fees. Access, maintenance and useful life.

Post Grant Closure Responsibilities (continued)

Record Retention

Grantees must retain grant records according to 2 CFR 200.333 and other program specific regulations. Records are used for audits and reviews to verify financial transactions to determine if funds are used in accordance with laws & regulations. Provide objective appraisals of financial accounting systems and administrative controls. Determines reliability of financial records and reports. Generally must be kept for 3 years unless audit finding.

Single Audits and Program Audits

The single audit is intended to meet the needs of both the non-Federal entity and the Federal awarding agency. Additional audits by the Federal government build upon the work performed in the Single Audit

Only Federal programs determined to be major Federal programs are reviewed or tested.

Program audits mandated in 2000 Improvement Act. 2 CFR 200.507

Wildlife and Sport Fish Restoration Program Audits

As specified in the Wildlife and Sport Fish Restoration Program audits Improvement Act of 2000, grantees are audited once each 5 year period for the two most recent completed State Fiscal Years. The Wildlife and Sport Fish Restoration Program audits supplement the Single Audit Act audits.

Currently the audits only cover the Sport Fish (SFR) and Wildlife Restoration (WR) programs, but there are plans to begin auditing the State Wildlife Grant Program (SWG) and the Landowner Incentive Program (LIP).

Wildlife and Sport Fish Restoration Program has contracted with the Department of Interior, Office of Inspector General to perform the program audits.

The audit encompasses assent legislation, license certifications, the income and expenses associated with license revenues, grant expenditures and program income for the most recent two-year period. In addition, the audit includes a review of historical records for the acquisition, condition, use, management, and disposal of real and personal property purchased with either license fees or federal grant funds.

Audit findings must be addressed in the corrective action plan (CAP).



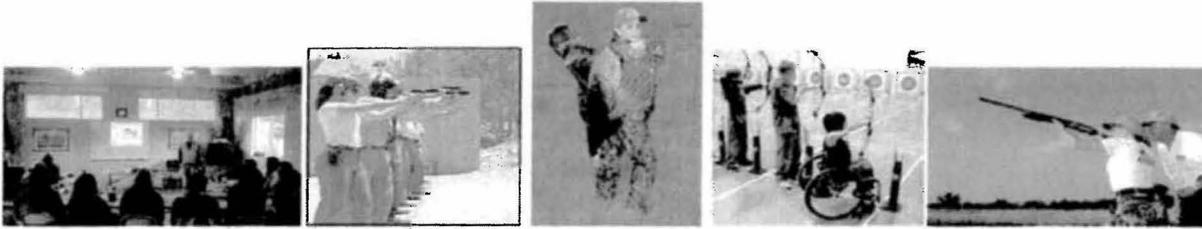


Learning Points

- ✓ Compliance issues continue, even after the grant is closed
- ✓ The Improvement Act of 2000 required additional audits of SFR and WR programs once during a 5 year period
- ✓ Taking the appropriate actions improve the audit experience for all parties
- ✓ Generally records must be maintained for 3 years from the date of submission of the last expenditure report unless actions involving audits, litigation, claims or negotiations. Records for real property and equipment must be retained until final disposition
- ✓ Grantees are accountable for all federal funds received including funds passed through or sub awarded. Grantees should have monitoring techniques in place for subrecipients

THIS PAGE LEFT INTENTIONALLY BLANK

TAB 11



PITTMAN-ROBERTSON WILDLIFE RESTORATION PROGRAM

Question: Why is there a difference in the eligible activities funded under the three funding categories of the Pittman-Robertson Wildlife Restoration Act: Wildlife Restoration, Basic Hunter Education and Enhanced Hunter Education?

Answer: The eligible activities under each of the funding categories are outlined in the respective sections of 16 U.S.C. 669-669k, as amended, and the Pittman-Robertson Wildlife Restoration program regulations (50 CFR 80). In order to be approved for grant funds, the activities must meet eligibility standards set by Congress for Wildlife Restoration (Section 4a), Basic Hunter Education (Section 4c), and Enhanced Hunter Education (Section 10).

Examples of eligible activities that support recruitment and retention efforts include, but are not limited to, the following:

Wildlife Restoration – carry out research and surveys that assess trends in hunter participation, including recruitment and retention, socio-economic studies and barriers to hunting; acquire, lease or manage lands to increase hunting opportunity; develop facilities to support hunters, hunting and wildlife-related recreation; and conduct tests to evaluate the results of recruitment and retention techniques.

Basic Hunter Education – assess the effectiveness of basic and advanced hunter education programs on recruiting and retaining participants; develop and implement model recruitment and retention programs provided the activities involve teaching skills, knowledge, and attitudes necessary to be a responsible hunter; improve public access to hunter education materials and courses; acquire land, construct and operate firearm and archery ranges; acquire, develop and maintain hunter education facilities; and provide technical assistance to target range operators.

Enhanced Hunter Education – develop and implement model recruitment and retention programs; offer shooting skills development programs, such as Archery in the Schools and Scholastic Clays that introduce individuals to the shooting sports; develop and sponsor exhibits at outreach events; increase opportunities for recreational shooting, such as mobile shooting clays and live fire exercises; acquire and maintain facilities that encourage hunting, firearms and archery activities; and communicate positive hunting messages through media programs.

For additional information, contact:

<http://wsfrprograms.fws.gov>

**Hannibal Bolton,
Assistant Director,
Wildlife and Sport Fish Restoration Program
US Fish and Wildlife Service
202-208-7337**



PITTMAN-ROBERTSON WILDLIFE RESTORATION PROGRAM

The activities listed below are eligible for funding by the Pittman-Robertson Wildlife Restoration program, Basic Hunter Education and Safety subprogram (Basic Hunter Education) and the Enhanced Hunter Education and Safety program (Enhanced Hunter Education):

Wildlife Restoration (Section 4a)	Basic Hunter Education (Section 4c)	Enhanced Hunter Education (Section 10)
<p>Restore and manage wildlife for the benefit of the public.</p> <p>Conduct research on the problems of managing wildlife and its habitat if necessary to administer wildlife resources efficiently.</p> <p>Obtain data to guide and direct the regulation of hunting.</p> <p>Acquire real property suitable or capable of being made suitable for wildlife habitat, or public access for hunting and other wildlife oriented recreation.</p> <p>Restore, rehabilitate, improve, or manage areas of land or water as wildlife habitat.</p> <p>Build structures or acquire equipment, goods, and services to restore, rehabilitate, or improve lands or waters as wildlife habitat; or provide public access for hunting and other wildlife-oriented recreation.</p> <p>Operate or maintain projects that the State fish and wildlife agency completed under the Pittman-Robertson Wildlife Restoration Act or facilities that the agency acquired or constructed with other sources of funds if these facilities are necessary to carry out activities authorized by the Pittman-Robertson Wildlife Restoration Act.</p>	<p>Teach the skills, knowledge, and attitudes necessary to be a responsible hunter; and</p> <p>Construct, operate, or maintain firearm and archery ranges for public use.</p>	<p>Enhance programs for hunter education, hunter development, and firearm and archery safety. Hunter-development programs introduce individuals to and recruit them to take part in hunting, bow hunting, target shooting, or archery.</p> <p>Enhance interstate coordination of hunter-education and firearm- and archery-range programs.</p> <p>Enhance programs for education, safety, or development of bow hunters and archers.</p> <p>Enhance construction and development of firearm and archery ranges.</p> <p>Update safety features of firearm and archery ranges.</p>



DIFFERENCE BETWEEN AQUATIC RESOURCE EDUCATION, OUTREACH AND OUTREACH AND COMMUNICATIONS

AQUATIC RESOURCE EDUCATION ACTIVITIES:

- Grants with the purpose of the enhancement of the public's understanding of water resources, aquatic life forms, and sport fishing, and the development of responsible attitudes and ethics toward the aquatic environment
- Funding Cap: States may obligate up to 15% of their apportionment (excludes Commonwealths, territories, and DC)
- Examples:
 - Angler education courses and clinics
 - Watershed education programs
 - Teacher training institutes
 - Raising perch/bass/salmon/trout/horseshoe crabs in the classroom

WSFR OUTREACH:

- Grants Informing the public about the accomplishments and benefits of the Sport Fish Restoration Program is an eligible activity under a WSFR Outreach grant, or as a project within an ARE grant.
- No funding cap
- Examples:
 - TV series on "Outdoor New Hampshire" featuring WSFR projects
 - Portable exhibit highlighting six WSFR projects, showing how Federal and license dollars restored habitat and wildlife, displayed at six outdoor shows
- Is outreach an eligible activity under the Aquatic Resource Education subprogram?
 - Programs to recruit anglers, to inform anglers and boaters about angling and boating opportunities, and to increase safety and best practices in angling and boating are eligible under a Sport Fish Restoration Outreach and Communications grant or as a project within an Aquatic Resource Education grant. We recommend that States carry out these activities in a separate grant because the accomplishments and expenditures for an Outreach and Communications program is reported separately from those of an Aquatic Resource Education program. A State may not use more than 15 percent of its annual Sport Fish Restoration apportionment for both programs (exception for the District of Columbia, the Commonwealths, and territories).

OUTREACH AND COMMUNICATION:

Grants or projects to:

- Improve communications with anglers, boaters, and the general public regarding angling and boating opportunities;
- Reduce barriers to participation in these activities;

DIFFERENCE BETWEEN AQUATIC RESOURCE EDUCATION, OUTREACH AND OUTREACH AND COMMUNICATIONS

- Advance adoption of sound fishing and boating practices;
 - Promote conservation and the responsible use of the Nation's aquatic resources; and
 - Further safety in fishing and boating.
- Funding Cap: Outreach and Communications grants are under the same 15% cap as ARE. States may not obligate more than 15% of their apportionments for both programs. This is an exception for the DC, Commonwealths, and territories – approved by Service's Regional Director.
 - Examples:
 - Placing RBFF angler recruitment messages in State tourism magazine;
 - Web site and brochures distributed at highway visitor centers; and
 - Big fishing promotion festivals with media, but no education or training.

Funding NASP program with Section 4 Basic Hunter Education

In order to meet the eligibility requirement for Section 4 Basic Hunter Education, programs must teach the “skills, knowledge, and attitudes necessary to be a responsible hunter.” Adding modules on bowhunting would accomplish this for NASP. The following rough outline provides an example of how bowhunting information could be included. WSFR Hunter Education Specialists recommend that NASP staff and a small group of state hunter education coordinators develop lesson plans to flesh out the outline to make it a substantial introduction to bowhunting education. NASP participants would be encouraged to develop and continue to grow their new archery skills through a variety of means.

Two course modules (use of one or the other would be acceptable; ideally both):

Beginning of the NASP course:

- History of archery segment
 - Bow and arrow use from early humans to modern
 - Use for hunting and warfare by many cultures
- Modern archery
- Bowhunting
- Bowhunting as a wildlife management tool - urban/suburban wildlife population management
- Archery competition – from local clubs to the Olympics
- Target shooting

End of the NASP course:

- Where do I take my new archery skills from here?
 - Sportsmens clubs as venues to continue to learn and practice
 - 3 D archery trails
 - Competition - local, regional, national, Olympics
 - Bowhunting education
 - Many options: Explore Bowhunting, National Bowhunter Education program, online courses, traditional state courses
 - Basics of bowhunting – equipment, game, techniques

Add a handout/brochure that adds details on where to go for more specific information on activities that the novice archer can pursue, including the state fish and wildlife agency hunter education program.

THIS PAGE LEFT INTENTIONALLY BLANK

AQUATIC RESOURCE EDUCATION PROGRAM

UPDATED APRIL 2016



U.S. Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

DISTRIBUTION METHOD

Apportioned based on formula:
Maximum 15% of Sport Fish Restoration Funding

Governing Guidance

- Sport Fish Restoration Act also known as Dingell-Johnson (DJ) Act of 1950 (enabling legislation)
- 50 CFR 80
- 2 CFR 200
- USFWS Service Manual Chapters

ELIGIBLE GRANTEES: ALL STATE/TERRITORY FISH AND WILDLIFE AGENCIES WITH ASSENT LEGISLATION

Purpose Enhance the public's understanding of water resources, aquatic life forms, sport fishing, and develop responsible attitudes and ethics toward the aquatic environment

ELIGIBLE PROJECTS

- Projects that enhance the public's understanding of aquatic resources
- Projects that improve communications with anglers, boaters, and the general public on sport fishing and boating opportunities
- Projects that increase participation in sport fishing and boating
- Projects that advance the adoption of sound fishing and boating practices, including safety
- Projects that promote conservation and responsible use of aquatic resources

SOURCE OF FUNDS

Sport Fish Restoration & Boating Trust Fund

Includes Revenues from:

- Excise taxes on sport fishing equipment, electric motors, and sonar
- Import duties on fishing tackle, yachts, and pleasure craft
- Portion of gasoline tax attributable to motorboats and small engines
- Interest earned on Trust Fund

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Provides reimbursement of up to 75% federal funds, 25% match requirement from non-federal sources
- 100% federal funding for District of Columbia, Puerto Rico, Northern Mariana Islands, Guam, Virgin Islands, and American Samoa
- Annual apportionment available for obligation to grants for two years before it reverts. Reverted funds are reapportioned to the Sport Fish Restoration program during the subsequent year

SPECIAL CONDITIONS OR REQUIREMENTS

- * State fish and wildlife agencies must pass and maintain assent legislation
- * State fish and wildlife agencies must submit annual license certifications
- * State fish and wildlife agencies may spend a maximum of 15% of their annual Sport Fish Restoration apportionment on aquatic education programs.
- * 15% maximum does not apply to DC, Puerto Rico, Northern Mariana Islands, Guam, Virgin Islands, and American Samoa

BOATING ACCESS PROGRAM

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program



DISTRIBUTION METHOD

Apportioned based on formula

Governing Guidance

- Sport Fish Restoration Act also known as Dingell-Johnson (DJ) Act of 1950 (enabling legislation)
- 50 CFR Part 80
- USFWS Manual Chapter 517 FW 7

ELIGIBLE GRANTEES: ALL STATE/TERRITORY FISH AND WILDLIFE AGENCIES WITH ASSENT LEGISLATION

Purpose Provide facilities that create or add to public access for recreational boating

ELIGIBLE PROJECTS

→ A broad range of access facilities and associated amenities that benefit recreation boaters may qualify

- Projects that seek to acquire, develop, renovate, maintain, or improve facilities that create or improve public access to the waters of the United States or improve the suitability of these waters for recreational boating. These facilities may include auxiliary structures to ensure safe use by recreational boaters. Projects may include surveys to determine information needed to plan for providing access to recreational waters for any size or type of recreational boat
- Maintenance and operations projects can be funded for boating access sites, facilities, and structures, even if the Sport Fish Restoration Program did not fund their acquisition or construction
- Facilities funded through the subprogram must be available to all recreational boaters, but States may restrict uses for public safety, property protection, noise abatement, or aquatic resource protection. Examples of restrictions include limiting the horsepower or types of boat motors and setting speed limits, no-wake zones, or hours of use
- States are responsible for maintenance of all capital improvements they acquire or construct using Sport Fish Restoration Boating Access funds throughout the improvement's planned useful life.

SOURCE OF FUNDS

Annual apportionment from the Sport Fish Restoration & Boating Trust Fund

Includes Revenues from:

- Federal excise taxes on boating and angling equipment
- Import duties on boating and angling equipment
- Portion of gasoline tax attributable to motorboats and small engines
- Interest earned on Trust Fund

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- At least fifteen percent of the Region's Sport Fish Restoration apportionment over a five-year period must be used for Boating Access projects
- WSFR calculates the Regional allocations for separate five-year periods that coincide with Federal fiscal calendars
- If total Regional allocation for the five-year period is less than fifteen percent, States may agree among themselves in a memorandum of understanding which State(s) will make the additional allocations to meet the Regional requirement
- With Regional Director approval, a State may change its current-year allocation up to, but not after, the close of the Federal fiscal year which funds were apportioned
- States must use Recreational Boating Access funds in the year that the State receives them, or in the following four fiscal years, otherwise the funds will revert to the Service and be reapportioned
- Primary project purpose must be to benefit recreational boaters and other uses must be incidental or secondary
- If the primary project purpose is to benefit users who are not recreational boaters, program funds may only be used to the extent that recreational boaters use a facility and other expenses must be matched through other methods. For example, if survey information shows that only 40% of facility's users are recreational boaters, program funds can account for no more than 40% of project costs

SPECIAL CONDITIONS OR REQUIREMENTS

- * Send to Regional Director an application for Federal assistance to use funds available under Act
- * Commit to provide the required match
- * Propose to use funds for specific activities eligible under the subprogram and demonstrate compliance with applicable policies and regulations

BOATING INFRASTRUCTURE GRANTS

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

DISTRIBUTION METHOD

Tier 1-State:

Provides up to \$200,000 per year to each state

Tier 2-National:

Nationwide funding based on set ranking criteria

Governing Guidance

- Sport Fishing and Boating Safety Act of 1998 (Enabling Legislation)
- 50 CFR 86
- 2 CFR 200
- USFWS Manual Chapters



ELIGIBLE GRANTEES: GOVERNOR DESIGNATED AGENCIES OF STATES AND TERRITORIES

Purpose

Provide grants to States and Territories to construct, renovate, or maintain tie-up facilities for transient recreational vessels twenty-six feet or more in length

ELIGIBLE PROJECTS

- Construction, renovation, and maintenance of boating infrastructure tie-up facilities solely for transient recreational vessels twenty six feet or more in length
- Produce information and education materials specific to BIG or BIG-funded projects (i.e. charts, cruising guides, and brochures)

SOURCE OF FUNDS

Four percent of the amount in Sport Fish Restoration & Boating Trust Fund (shared with Clean Vessel Act grants).

Includes Revenues from:

- Excise taxes on sport fishing equipment, electric motors, and sonar
- Import duties on fishing tackle, yachts, and pleasure craft
- Portion of gasoline tax attributable to motorboats and small engines
- Interest earned on Trust Fund

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Requires minimum of 25% matching funds, federal share not to exceed 75% total costs
- Funds not obligated within three years are reverted and are made available to the U.S. Coast Guard for Boating Safety
- Maximum amount of federal share for Tier 2-National is \$1,500,000
- Funds are available from time of obligation until the grant closure. Unspent funds are returned to be awarded in addition to new funds in the subsequent year

SPECIAL CONDITIONS OR REQUIREMENTS

- * Facilities constructed, operated, or maintained with grant funds must offer reasonable access for all transient recreational vessels for the full period of their useful life
- * Facilities must be open to the public during reasonable time periods
- * Entities may charge fees. Fees must be comparable to the prevailing rate in the area
- * New construction and renovations must be designed to last throughout its useful life

CLEAN VESSEL ACT

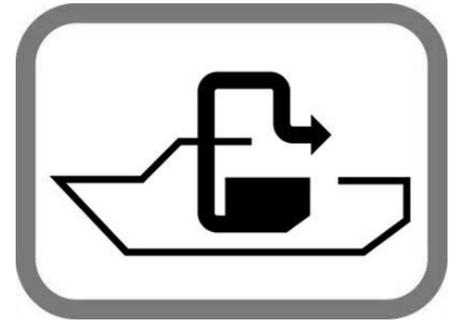
Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

DISTRIBUTION METHOD

Nationally competitive based on ranking criteria

Governing Guidance

- Clean Vessel Act of 1992, Amendment to the Sport Fish Restoration Act (Enabling Legislation)
- 50 CFR 85
- 2 CFR 200
- USFWS Manual Chapters



ELIGIBLE GRANTEES: GOVERNOR DESIGNATED AGENCIES OF STATES AND TERRITORIES

Purpose Provide grants to States and Territories for pumpout stations and waste reception facilities to safely dispose of recreational boater sewage.

ELIGIBLE PROJECTS

Coastal States:

- Identify operational pumpout and dump stations
- Survey of recreational vessels in coastal waters with holding tanks/portable toilets
- Developing list of operational pumpout & dump stations and plans for construction/renovation of pumpout & dump stations in coastal zones

All States:

- Construction, renovation, operation, and maintenance of pumpout & dump stations including floating restrooms used solely by boaters
- Education / information programs to educate / inform recreational boaters about environmental pollution resulting from sewage discharges from vessels
- Location of pump out & dump stations
- Activities involved with holding, transporting, and getting sewage treatment facilities to accept sewage

SOURCE OF FUNDS

Four percent of the amount in Sport Fish Restoration & Boating Trust Fund (shared with Boating Infrastructure grants). Includes revenues from:

- Excise taxes on sport fishing equipment, electric motors and sonar
- Import duties on fishing tackle, yachts, and pleasure craft
- Portion of gasoline tax attributable to motorboats and small engines
- Interest earned on Trust Fund

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Require 25% match, Federal share not to exceed 75% of total costs
- Unspent funds are returned to be awarded in addition to new funds in the subsequent year
- Must be spent on needs identified in the Act
- Funds not obligated three years from date of availability are reverted and made available to the U.S. Coast Guard for use on Recreational Boating Safety.

SPECIAL CONDITIONS OR REQUIREMENTS

- * Requires each coastal State to develop and submit plan for construction and/or renovation of facilities within coastal zone
- * Only equitable fees may be charged
- * Facilities constructed, operated, or maintained with grant funds must be accessible to public for the full period of their useful life
- * CVA signage must be displayed and visible to boaters from the water

ENDANGERED SPECIES GRANTS

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

DISTRIBUTION METHOD

Traditional Conservation Grants

Funding allocated by formula to USFWS Regions based on number of species covered in cooperative agreements. Regions further allocate funding to States by formula or competitive basis

Habitat Conservation Planning Assistance

Awarded based on National competition

Habitat Conservation Plan Land Acquisition

Awarded based on National competition

Recovery Land Acquisition Grants

Awarded based on Regional competition

Governing Guidance

- Endangered Species Act of 1973 —Section 6 (Enabling Legislation)
- 2 CFR 200
- Notice of Availability of Federal Assistance for Section 6 ESA Grant Program
- USFWS Manual Chapters



ELIGIBLE GRANTEES: ALL STATE AND TERRITORY AGENCIES THAT HAVE ENTERED INTO A COOPERATIVE AGREEMENT WITH THE SECRETARY OF THE INTERIOR

Purpose

Provide assistance to State fish and wildlife agencies to assist in development of programs for the conservation of endangered and threatened species on non-federal lands

ELIGIBLE PROJECTS

Animal, plant and habitat surveys; research; planning; monitoring; habitat protection, restoration, management and acquisition; and public education

SOURCE OF FUNDS

Cooperative Endangered Species Conservation Fund

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Provides up to 75% federal funding, 25% required from non-federal sources (up to 90% federal funding when two or more States cooperate to conserve an endangered or threatened species of common interest)
- 100% federal funds for Virgin Islands, Guam, American Samoa, and Northern Mariana Islands

SPECIAL CONDITIONS OR REQUIREMENTS

- * State or Territory must currently have or enter into a cooperative agreement with USFWS
- * Submit proposals meeting eligibility requirements for specific grant program

HUNTER EDUCATION PROGRAM

UPDATED APRIL 2016

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

DISTRIBUTION METHOD

Apportioned based on formula that includes a factor for population size

Governing Guidance

- Wildlife Restoration Act, also known as Pittman-Roberson Act of 1937 (Enabling Legislation)
- 50 CFR 80
- 2 CFR 200
- USFWS Manual Chapters



ELIGIBLE GRANTEES: ALL STATE/TERRITORY FISH AND WILDLIFE AGENCIES WITH ASSENT LEGISLATION

Purpose

To teach students to be safe, responsible, conservation-minded hunters; provide instruction in safe firearm operations, wildlife management, ethics, game laws, outdoor survival, wilderness first aid; and build/operate archery and firearm range facilities.

ELIGIBLE PROJECTS

Basic Hunter Education (BHE):

- Teach the skills, knowledge, and attitudes necessary to become a responsible hunter
- Construct, operate, or maintain firearm and archer ranges for public use

Enhanced Hunter Education (EHE):

- Enhance programs for hunter education, hunter development, and firearm and archery safety. Hunter-development programs introduce individuals to and recruit them to take part in hunting, bow hunting, target shooting, or archery
- Enhance interstate coordination of hunter-education and firearm- and archery-range programs
- Enhance programs for education, safety, or development of bow hunters and archers
- Enhance construction and development of firearm and archery ranges
- Update safety features of firearm and archery ranges

SOURCE OF FUNDS

Wildlife Restoration Trust Fund Includes Revenues from:

- Excise taxes on sporting arms and ammunitions (firearms, ammunition, pistols, handguns, revolvers, bows, archery, arrow components)
- BHE funds: 1/2 of taxes collected on pistols, handguns, revolvers, and archery equipment
- EHE funds: \$8 million from Wildlife Restoration Trust fund

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Provides reimbursement of up to 75% federal funding, 25% from nonfederal sources.
- 100% federal funding for Puerto Rico, Virgin Islands, Guam, American Samoa, and Northern Mariana Islands.
- BHE apportionment available for two years before it reverts.
- BHE reverted funds are provided to the Migratory Bird Program.
- EHE apportionment available for one year before it reverts. Reverted funds are apportioned, the following year, to those States who fully obligated their current year BHE apportionment to BHE eligible activities.

SPECIAL CONDITIONS OR REQUIREMENTS

* If a state fails to obligate all of its current year BHE apportionment on BHE eligible activities, then EHE apportionment funds may only be used for EHE eligible activities.

* If a state fully obligates all of its current year BHE apportionment on BHE eligible activities, then that state may use its current year EHE apportionment on any eligible activity authorized under the Wildlife Restoration Act (WR, BHE, or EHE) AND that state becomes eligible to receive reverted EHE funds the following fiscal year.

LANDOWNER INCENTIVE PROGRAM



WSFR LIP FACT SHEET
UPDATED APRIL 2016

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

DISTRIBUTION METHOD

TIER ONE

For eligible projects meeting Tier 1 criteria

- Each state receives \$180,000
- Territories and DC receive \$75,000

TIER TWO

Nationally competitive based on criteria

Governing Guidance

- Annual Appropriations Act
- USFWS Service Manual
- 43 CFR Part 12
- Landowner Incentive Grant Program Implementation Guidelines



ELIGIBLE GRANTEES: ALL STATE AND TERRITORY AGENCIES WITH PRIMARY RESPONSIBILITY FOR FISH AND WILDLIFE

Purpose

Establish or supplement landowner incentive programs that protect and restore habitat on private lands to benefit Federally listed, proposed, candidate, or at-risk species. Also to provide technical and financial assistance to private landowners for habitat protection and restoration

ELIGIBLE PROJECTS

Tier One Grants:

- Grants to fund staff and associated support necessary to develop or enhance existing landowner program to benefit private landowners and other partners to help manage and protect habitats that benefit species at-risk

Tier Two Grants:

- Tier Two grants to provide funding for technical and financial assistance to private landowners for the protection and restoration of habitats that benefit Federally listed, proposed, or candidate species or other at-risk species on private land
- Tier Two grants to expand existing landowner incentive programs or those created under Tier One

SOURCE OF FUNDS

Land & Water Conservation Fund (annual appropriation).

Includes revenues from:

- **Outer Continental Shelf Oil & Gas**

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Provides up to seventy-five percent federal funding, twenty-five percent required from non-federal sources
- One hundred percent federal funds for Virgin Islands, Guam, American Samoa and N. Mariana Islands
- Funds are available from time of obligation on awarded grant until grant closing date. Unspent funds are returned to the LIP to be awarded in addition to new funds in the subsequent year

SPECIAL CONDITIONS OR REQUIREMENTS

Submit proposals meeting eligibility requirements for Tier One and/or Tier Two funding

MULTI-STATE CONSERVATION GRANTS

UPDATED APRIL 2016

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program



DISTRIBUTION METHOD

Awarded through cooperative process with Association of Fish and Wildlife Agencies (AFWA)

Governing Guidance

- Wildlife and Sport Fish Restoration Programs Act of 2000, amended Sport Fish Restoration and Wildlife Restoration (Enabling Legislation)
- 50 CFR 80
- 2 CFR 200
- USFWS Manual Chapters

- ELIGIBLE GRANTEES**
- States or Groups of States
 - USFWS, a State or group of States for the purpose of carrying out the National Survey of Fishing, Hunting and Wildlife Associated Recreation
 - Non-governmental organizations

Purpose

- Provide funding for wildlife and sport fish restoration projects identified as priority projects by the Association of Fish and Wildlife Agencies (AFWA)
- Program is intended to address regional or national level priorities of state fish and wildlife agencies

ELIGIBLE PROJECTS

- Sports fisheries, wildlife management, research projects, boating access development, hunter safety, aquatic education, habitat improvements, and other projects consistent with the Wildlife and Sport Fish Restoration Acts
- Projects must benefit at least twenty-six States or a majority of States in any USFWS or AFWA Region

SOURCE OF FUNDS

Sport Fish Restoration & Boating Trust Fund, three million dollars

Includes Revenues from:

- Excise taxes on sport fishing equipment, electric motors and sonar
- Import duties on fishing tackle, yachts and pleasure craft
- Portion of gasoline tax attributable to motorboats and small engines
- Interest earned on Trust Fund

Wildlife Restoration Trust Fund, three million dollars

Includes Revenues from:

- Excise taxes on sporting arms and ammunitions (firearms, ammunitions, pistols, handguns, revolvers, bows, archery, and arrow components).
- Interest earned on Trust Fund

MATCHING REQUIREMENTS AND LIMITATIONS

- Six million dollars available annually
- Funds available to be obligated for two years
- Funds not obligated within two years revert back to both the SFR and WR programs for use by the States
- Once obligated, funds remain available until the grant closing date. Any unspent funds at closing are returned to the multi-state program to be awarded in the subsequent year, in addition to new funds
- No matching requirements

SPECIAL CONDITIONS OR REQUIREMENTS

* Applicants must satisfy all standard Federal Application and assurance requirements as well as standards set by AFWA

- * Non-governmental applications must provide certification to AFWA that grant funds will not be used for any activities, projects or programs that promote or encourage opposition to regulated hunting or trapping of wildlife or angling for or taking of fish
- * Submit proposals to AFWA

NATIONAL COASTAL WETLANDS

UPDATED APRIL 2016

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program



DISTRIBUTION METHOD

Nationally competitive to only coastal States

Governing Guidance

- Coastal Wetlands Planning, Protection, and Restoration Act of 1991 (Enabling Legislation)
- 50 CFR 84
- 2 CFR 200
- USFWS Manual Chapters

ELIGIBLE GRANTEES: ANY AGENCY OR AGENCIES OF A COASTAL STATE DESIGNATED BY THE GOVERNOR AS HAVING RESPONSIBILITY FOR COASTAL WETLANDS

Purpose Provide funding for long-term conservation of coastal wetland ecosystems by helping States to protect, restore and enhance coastal habitats

ELIGIBLE PROJECTS

- Acquisition of real property interest in coastal land or waters providing that terms and conditions ensure property will be administered for long-term conservation
- Restoration, enhancement, or management of coastal wetlands ecosystems, providing restoration, enhancement, or management will be administered for long-term conservation

SOURCE OF FUNDS

15% annually of the 18.5% distributed to Coastal Wetlands Planning, Protection and Restoration Act from the Sport Fish Restoration & Boating Trust Fund

Includes revenues from:

- Interest earned on Trust Fund

- **Import duties on fishing tackle, yachts and pleasure craft**
- **Excise taxes on sport fishing equipment, electric motors and sonar**
- **Portion of gasoline tax attributable to motorboats and small engines**

MATCHING REQUIREMENTS AND LIMITATIONS

- Provides up to 50% federal funding, remaining 50% of costs must be from non-federal source (funds increased to 75% federal share for coastal States that have and are using a fund for acquiring coastal wetlands or other natural areas or open spaces)
- 100% federal funding for American Samoa, Guam, Northern Mariana Islands and Virgin Islands

SPECIAL CONDITIONS OR REQUIREMENTS

- * Designated agencies of coastal States submit eligible proposals
- * Grantees must provide non-federal matching funds

SPORT FISH RESTORATION PROGRAM

UPDATED APRIL 2016

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program



DISTRIBUTION METHOD

Apportioned based on formula:
60% paid license holders +
40% land/water area

Governing Guidance

- Sport Fish Restoration Act, also known as Dingell-Johnson Act of 1950 (Enabling Legislation)
- 50 CFR 80
- 2 CFR 200
- USFWS Manual Chapters

ELIGIBLE GRANTEES: ALL STATE/TERRITORY FISH AND WILDLIFE AGENCIES WITH ASSENT LEGISLATION

Purpose

- Restoration and management of fish species of material value for sport-fishing and recreation
- Provide facilities that create or add to public access for recreational boating
- Provide aquatic education to public to increase understanding of water resources and associated aquatic life

ELIGIBLE PROJECTS

- Projects restoring, conserving, managing, and enhancing sport fish having material value for sport or recreation
- Projects enhancing the public's understanding of water resources and aquatic life, assisting them in developing attitudes toward the aquatic environment

SOURCE OF FUNDS

Fifty-eight percent of amount in Sport Fish Restoration & Boating Trust Fund

Includes Revenues from:

- Excise taxes on sport fishing equipment, electric motors and sonar
- Import duties on fishing tackle, yachts and pleasure craft
- Portion of gasoline tax attributable to motorboats and small engines
- Interest earned on Trust Fund

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Provides reimbursement of up to 75% federal funding, 25% required from non-federal sources
- 100% federal funding for Puerto Rico, Virgin Islands, Guam, American Samoa, and Northern Mariana Islands
- Annual apportionment available for obligation to grants for two years before they revert. Reverted funds are reapportioned to the Sport Fish Restoration program during subsequent year
- Amount allocated by States for freshwater programs each fiscal year cannot be less than amount allocated in fiscal year 1988
- Up to 15% of annual apportionment may be allocated for aquatic education (no limit for PR, DC, CNMI, Guam, VI, and American Samoa)
- At least 15% of annual apportionment must be allocated to the boating access subprogram (each USFWS region's boating access allocation must be at least 15% during each 5 year period. If not, those states below 15% revert funds).
- Coastal States must equitably allocate apportionment between freshwater and marine projects in proportion to number of resident marine/freshwater anglers

SPECIAL CONDITIONS OR REQUIREMENTS

- * State Fish and Wildlife Agencies must pass and maintain assent legislation
- * Submit annual license certifications
- * Ineligible projects include law enforcement, public relations, and revenue producing activities

STATE WILDLIFE GRANTS

U.S. Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program

DISTRIBUTION METHOD

All Annually Distributed Competitive

Nationally competitive based on ranking criteria

Noncompetitive—Formula

Apportioned based on formula:

1/3 land area + 2/3 population

Governing Guidance

- Annual Interior Appropriations Acts (Enabling Legislation)
- 2 CFR 200
- State Wildlife Grant (SWG) Program Implementation Guidelines (*see <http://fawiki.fws.gov/>*)
- USFWS Manual Chapter (*<http://www.fws.gov/policy/517fw10.pdf>*)



ELIGIBLE GRANTEES → ALL STATE AND TERRITORY FISH AND WILDLIFE AGENCIES
→ REGIONAL ASSOCIATIONS OF FISH AND WILDLIFE AGENCIES

Purpose

Provide funds for development and implementation of programs that benefit sensitive and imperiled wildlife and their habitats, especially species not hunted or fished (referred to as “species of greatest conservation need”)

ELIGIBLE PROJECTS

Conservation actions such as research, surveys, species and habitat management, and monitoring that are identified in an approved State Wildlife Action Plan; or updating, revising, or modifying a State’s Plan; or addressing approved “emerging issues”

SOURCE OF FUNDS

Land and Water Conservation Fund (annual appropriations)

Includes revenues from:

- Outer Continental Shelf Oil & Gas
- General treasury since 2006

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Annual appropriation available for two years
- Competitive grants require 25% matching, federal share not to exceed 75% of total costs
- 100% federal funds for Virgin Islands, Guam, American Samoa and Northern Mariana Islands
- Formula planning grants require 25% matching, federal share not to exceed 75% of total costs
- Formula implementation grants require 35% matching, federal share not to exceed 65% of total costs

SPECIAL CONDITIONS OR REQUIREMENTS

- * State/Territory must develop or commit to develop a comprehensive wildlife conservation plan by October 1, 2005.
- * Approved plans must be reviewed and updated at maximum intervals of ten years.

TRIBAL WILDLIFE GRANTS

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program



DISTRIBUTION METHOD

Competitive based on Request for Grant Proposals and Final Policy and Implementation Guidelines

Governing Guidance

- Annual Appropriations Act (Enabling Legislation)
- Tribal Wildlife Grant Program Implementation Guidelines
- 2 CFR 200
- USFWS Manual Chapters

ELIGIBLE GRANTEEES: FEDERALLY RECOGNIZED TRIBES IN UNITED STATES INCLUDING FEDERALLY RECOGNIZED TRIBES, PUEBLOS, RANCHEROS, AND ALASKA NATIVE VILLAGES OR TRADITIONAL COUNCILS AS DEFINED BY THE ALASKA NATIVE CLAIMS SETTLEMENT ACT

Purpose

Provide funding to federally recognized Tribes for development and implementation of programs that benefit wildlife and their habitat, including species of tribal culture or traditional importance and species that are not hunted or fished.

ELIGIBLE PROJECTS

- Development and implementation of programs for the benefit of wildlife and their habitat, including species of tribal cultural or traditional importance and species that are not hunted or fished
- Activities may include, but are not limited to, planning for wildlife and habitat conservation, ongoing and/or new fish and wildlife management actions, fish and wildlife related laboratory and field research, natural history studies, habitat mapping, field surveys and population monitoring, habitat preservation, land acquisition, conservation easements, and outreach efforts.

SOURCE OF FUNDS

Land and Water Conservation Fund (annual appropriation).

Includes Revenues from:

- Outer continental shelf oil and gas
- General treasury since 2006

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Cost reimbursement
- Provides up to 100% of federal funding
- Annual appropriation available for two years

SPECIAL CONDITIONS OR REQUIREMENTS

Eligible grantees submit applications including Tribal resolution of support to Regional Native American Liaisons of U.S. Fish and Wildlife Service.

WILDLIFE RESTORATION PROGRAM

UPDATED APRIL 2016

Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program



DISTRIBUTION METHOD

Apportioned based on formula:
50% paid license holders +
50% land/water area

Governing Guidance

- Wildlife Restoration Act, also known as Pittman-Roberson Act of 1937 (Enabling Legislation)
- 50 CFR 80
- 2 CFR 200
- USFWS Manual Chapters

ELIGIBLE GRANTEES: ALL STATE/TERRITORY FISH AND WILDLIFE AGENCIES WITH ASSENT LEGISLATION

Purpose

- Restoration, conservation, management and enhancement of wild birds and mammals and their habitat
- Provide public use and access to wildlife resources
- Provide for education of hunters and development of shooting ranges

ELIGIBLE PROJECTS

Selection, restoration, rehabilitation and improvement of areas of land or water adaptable as feeding, resting, or breeding places for wildlife

SOURCE OF FUNDS

Wildlife Restoration Trust Fund

Includes Revenues from:

- **Excise taxes on sporting arms and ammunitions (firearms, ammunition, pistols, handguns, revolvers, bows, archery, arrow components)**

MATCHING REQUIREMENTS AND LIMITATIONS ON AVAILABILITY OF FUNDS

- Provides reimbursement of up to 75% federal funding, 25% required from non-federal sources
- 100% federal funding for Puerto Rico, Virgin Islands, Guam, American Samoa, and Northern Mariana Islands
- Annual apportionment available for two years before it reverts
- Reverted funds are returned to U.S. Fish and Wildlife Service for use in Migratory Bird Program
- Basic Hunter Education (separate formula and apportionment) - may be used for hunter education or other WR Act authorized projects
- Enhanced Hunter Education (eight million dollars set aside) - must be used for hunter education or shooting range enhancements (if all Basic Hunter Education funds are used for hunter education, Enhanced HE may be used for any WR Act authorized projects)

SPECIAL CONDITIONS OR REQUIREMENTS

- * State Fish and Wildlife Agencies must pass and maintain assent legislation
- * Submit annual license certification
- * Ineligible projects include law enforcement, public relations, and revenue producing activities

THIS PAGE LEFT INTENTIONALLY BLANK