



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
Alaska	Alaska Maritime National Wildlife Refuge		\$1,149
	- Replace Heating Oil Tank Adak Fourplex 145A	R7GA	
	- Remove Tank Adak Triplex 146C	R7GB	
	- Replace Heating Oil Tank Adak Fourplex 145D	R7GC	
	- Replace Heating Oil Tank at Adak Triplex 146A	R7GE	
	- Replace HAZMAT Building Adak	R7JE	
	- Restore habitats for nesting seabirds on isolated oceanic islands	R7MA	
	Alaska Peninsula National Wildlife Refuge		\$1,062
	- Quarters #5(HQ Duplex) Install Vertical Wind Turbine	R7CA	
	- Quarters #1(Naknek) Install Vertical Wind Turbine	R7CK	
	- Quarters #2(Naknek) Install Vertical Wind Turbine	R7CL	
	Anchorage Fish and Wildlife Field Office		\$1,383
	- Early detection and rapid response to eradicate invasive plants across Alaska	R7EA	
	- Fish Passage Restoration on Little Su Tributary	R7EB	
	- Detection and eradication of Spotted Knapweed at the 10 known sites in Southcentral AK	R7FA	
	- Invasive Plant Control in Girdwood Wetlands	R7FB	
	- Salmon Rearing Habitat Restoration in Lynwood Park	R7FC	
	- Ship Creek Streambank Restoration	R7FD	
	- Replace damaged culverts to restore salmon and coastal cutthroat habitat in Eccles Creek	R7TA	
	- Replace damaged culvert to restore salmon habitat on Cottonwood Creek	R7TB	
	- Replace damaged culvert to restore fish habitat on Wasilla Creek	R7UA	
	Arctic National Wildlife Refuge		\$169
	- Replace AVgas Fuel Tank at Galbraith Lake	R7GF	
	- Remove Wrecked Aircraft, Drums & Trash South Slope	R7MB	
	- Remove Wrecked Aircraft, Drums & Trash North Slope	R7MC	
	Dillingham Administrative Site		\$64
	- Rehabilitate Four-Plex	R7GV	
	Fairbanks Fish and Wildlife Field Office		\$97
	- Smallwood Creek Park Wetlands Restoration	R7EC	
	Galena Administrative Site		\$15
	- Rehabilitate Float Dock & Retaining Wall Behind Qtrs #3	R7GW	
	Innoko National Wildlife Refuge		\$758
- Reconstruct Residence Foundation (FAA House B-4)	R7GX		
- Reconstruct Residence Utilities (FAA House B-4)	R7GY		
- Reconstruct Residence Foundation (FAA House B-2)	R7GZ		
Izembek National Wildlife Refuge		\$2,016	
- Bunkhouse Install Vertical Wind Turbine	R7CB		
- FAA Duplex Bunkhouse Install Vertical Wind Turbine	R7CC		
- Quarters #1 Install Vertical Wind Turbine	R7CD		
- Quarters #2 Install Vertical Wind Turbine	R7CE		
- Quarters #3 Install Vertical Wind Turbine	R7CF		
- Quarters #4 Install Vertical Wind Turbine	R7CG		
Kanuti National Wildlife Refuge		\$368	
- Install renewable energy components in residence at Bettles	R7LA		
- Install renewable energy components in bunkhouse at Bettles	R7LB		
Kenai Fish and Wildlife Field Office		\$107	
- Reed Canary Grass Eradication and Re-vegetation Project	R7ED		
- Protect sensitive dune and tidal wetland habitat at the mouth of the Kenai river in Alaska	R7EE		
Kenai National Wildlife Refuge		\$919	
- Visitor Center Replace HVAC System & Controls	R7BD		
- Rehabilitate Waysides and Spurs at Rainbow Lake	R7BE		
- Replace Flammable Materials Storage Building	R7HA		
- Rehabilitate Caribou Island Cabin	R7HB		
- Rehabilitate Doroshin Bay Cabin	R7HC		
- Rehabilitate Big Indian Creek Cabin	R7HD		
- Repair HQ/Shop/Bunkhouse Security Gates	R7HE		
- Provided Solar Powered Panel for Water Pump - Skilak Wildlife Recreation Area	R7HG		
- Skilak Mechanical & Prescribed Fire Vegetation Treatment	R7MD		
King Salmon Administrative Site		\$288	
- Replace wood decks Quarters 27	R7HH		
- Replace wood decks Quarters 28	R7HK		
- Replace wood decks Quarters 26	R7HL		
- Replace kitchen cabinets and counter tops in Residence 28	R7HM		
- Replace kitchen cabinets and counter tops in Residence 29	R7HN		
- Rehab Floors (Quarters 154)	R7HP		
- Replace Flooring in Quarters 146	R7HR		
- Rehab Floors and Cabinets (Quarters 26)	R7HW		
- Replace Floors and Cabinets (Quarters 27)	R7HX		



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	Kodiak Office		\$162
	- Replace Main/Shop Exhaust System	R7HY	
	- Replace HQ Annex Fuel Oil Tank	R7HZ	
	- Repair Headquarter's Office Road System & Parking Lots	R7JA	
	- Replace the Four Spring-Track Doors to Maintenance Shop Building	R7JB	
	Kotzebue Administrative Site		\$182
	- Rehabilitate Residence Foundation #480	R7BF	
	- Rehabilitate Residence #480 Entry Way	R7JC	
	McGrath Administrative Site		\$169
	- Renovate Snow House Utility Room	R7BG	
	Selawik National Wildlife Refuge		\$727
	- Quarters #481 Install Vertical Wind Turbine	R7CH	
- Quarters #482 Install Vertical Wind Turbine	R7CJ		
Togiak National Wildlife Refuge		\$96	
- Replace Hot Water Heater at Hangar with Solar Powered Model	R7JD		
Yukon Delta National Wildlife Refuge		\$350	
- Replace Old Chevak HQ Building	R7LC		
Alaska Total			\$10,081
Alabama	Bon Secour National Wildlife Refuge		\$164
	- Repair storm damaged Pine Beach Trail.	R4GK	
	- Green energy project to replace HVAC systems, windows, doors, insulation, light fixtures, water heaters, and appliances	R4GL	
	Daphne, AL Ecological Services Field Office		\$300
	- Restore Longleaf Pine Ecosystem on Private Lands Under America's Longleaf Partnership Initiative	R4ED	
	Wheeler National Wildlife Refuge		\$1,142
- Rehabilitate clogged White Springs dewatering unit water distribution system.	R4BM		
- Rehabilitate the deteriorated White Springs Dike Road.	R4KM		
- Restore and Enhance Habitat Management Capabilities in White Springs Dewatering Unit by Providing Effective Water Level Management	R4ML		
Alabama Total			\$1,606
Arkansas	Bald Knob National Wildlife Refuge		\$778
	- Replace steel culverts and water control structures under the Squirrel Woods East Road	R4GE	
	- Bald Knob NWR - Construct new Visitor Contact Station	R4LA	
	Big Lake National Wildlife Refuge		\$1,447
	- Replace deteriorated Big Lake NWR Headquarters Building	R4GG	
	- Repair damaged retaining wall	R4GH	
	- Replace old damaged Big Lake NWR shop/equipment storage/pole shed	R4KT	
	Cache River National Wildlife Refuge		\$21
	- Rehabilitate worn Bank of Brinkley boat ramp and parking area	R4GP	
	Dale Hollow Fish and Wildlife Management Assistance Office		\$521
	- Removal of Low-Water Bridge on Crooked Creek; Barrier to Fish Migration on Ozark Stream	R4TA	
	- Large Woody Debris Habitat Improvement in streams within Bearcat Hollow	R4UA	
	- Beaver Tailrace Habitat Improvement Project	R4UB	
	Felsenthal National Wildlife Refuge		\$75
	- Repair worn FHWA Route 109 Bolding House Road	R4HE	
	Greers Ferry National Fish Hatchery		\$28
	- Conduct feasibility study for microturbine installation at Greers Ferry NFH	R4DA	
	- Replace HVAC system	R4PH	
	Mammoth Spring National Fish Hatchery		\$2,724
	- Repairs to culture building from 2008 flood events	R4PJ	
	- Replace HVAC system	R4PK	
	- Construct visitor center	R4RB	
	Pond Creek National Wildlife Refuge		\$388
- Rehabilitate deteriorated Burkes Slough Gravel Road - FHWA Route 011	R4JL		
- Rehabilitate damaged dirt road that goes to the Little River boat ramp and parking lot	R4JM		
- Rehabilitate damaged dirt road that goes to the Jace Lake boat ramp and parking lot	R4JN		
Wapanocca National Wildlife Refuge		\$1,460	
- Replace corroded and collapsed Ditch 13 water control structure	R4BL		
- Repair overgrown Levee 5 water control structure	R4KK		
- Rehabilitate Visitor Center for Energy Efficiency	R4KL		
- Restore wetlands and riparian habitats within Wapanocca Lake watershed	R4MK		
White River National Wildlife Refuge		\$846	
- Rehabilitate worn FHWA Route 010	R4KN		
- Rehabilitate leaking Pond 4 earthen dam severely eroded by beaver digging and weather	R4KQ		
- Repair damaged metal siding, roof and wood walkway door	R4KR		



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
Arkansas Total			\$8,288
Arizona	Alchesay National Fish Hatchery		\$434
	- Rehab electrical system of aboveground fuel tanks	R2PA	
	- Rehab the electrical system of the paint and oil storage building	R2PB	
	- Rehab A bank raceways--sandblast and epoxy	R2PC	
	- Rehab B bank raceways--sandblast and epoxy	R2PD	
	- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats;	R2PE	
	- Replace asphalt pavement at tank house & A bank raceways	R2PF	
	Arizona Fish and Wildlife Conservation Office		\$164
	- Nutrioso Creek culvert repair to benefit Little Colorado spinedace	R2TB	
	- Gila Trout Restoration in the Pinalen Mountain Streams: Ash, Frye, and Marijilda Creeks	R2UA	
	Buenos Aires National Wildlife Refuge		\$750
	- Conduct cultural resource surveys and habitat improvements, consisting of aeration, brush piles, native plantings, erosion control measures, and new watering sites to provide habitat for masked bobwhite quail following release from captive breeding facilities	R2MB	
	Cibola National Wildlife Refuge		\$386
	- Renewable Energy--Solar Photovoltaic projects on buildings	R2CD	
	- Repair inlet and outlet water control structures on Cibola	R2GC	
	Havasu National Wildlife Refuge		\$1,950
	- Construct water diversion and delivery system for Topock Marsh (lift pumps and pipelines) to better manage listed species and improve efficiency of water used from the Colorado River	R2MC	
	Imperial National Wildlife Refuge		\$250
	- Renewable Energy--Solar Photovoltaic projects on buildings	R2CE	
	San Bernardino National Wildlife Refuge		\$318
	- Replace approximately 11 miles of deteriorated fencing.	R2GY	
	Williams Creek National Fish Hatchery		\$498
- Rehab B bank raceways--construction phase	R2QP		
- Construct a cover for Pond 4	R2QQ		
- Rehab E Bank raceways	R2QR		
- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances.	R2QT		
Willow Beach National Fish Hatchery		\$1,190	
- Rehab Hatchery and Shop--Reinforce masonry and roof to meet seismic requirements	R2QU		
- Replace the electrical system at raceways A3 to A10	R2QV		
- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances.	R2QW		
- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances.	R2QX		
- Replace the septic line with PVC	R2QY		
Arizona Total			\$5,940
California	Arcata Fish and Wildlife Office		\$246
	- Strawberry Creek Riparian Restoration Project	R8FA	
	- Humboldt Bay Dunes Invasive Plant Eradication Project	R8FB	
	- Humboldt Bay/Eel River Dwarf Eelgrass eradication	R8FC	
	CA-NV Fish Health Center		\$25
	- Install insulation in Admin bldg and laboratory	R8PA	
	- Replace HVAC Unit	R8PB	
	- Install shade awnings and reflective film on windows	R8PC	
	Carlsbad Fish and Wildlife Office		\$211
	- Catalina Island Coastal and Maritime Habitat Restoration	R8FD	
	Don Edwards San Francisco Bay National Wildlife Refuge		\$1,245
	- Replace 2025-foot Mayhews Unit boundary fence at SF Bay NWR	R8GC	
	- Administrative Office Remodel	R8LA	
	Humboldt Bay National Wildlife Refuge		\$150
	- Rehab the White Slough tidegate	R8GD	
	Kern National Wildlife Refuge		\$67
	- Repair office flooring, electrical and tile at Kern NWR Headquarters	R8GE	
	- Rehabilitate Water Control Structure at Kern NWR	R8GF	
	Lower Klamath National Wildlife Refuge		\$210
	- Replace deteriorated water control structure 9B-1H	R8GH	
- Replace nonfunctional water control structure 3B-4H and 30 feet of pipe	R8GJ		
- Replace nonfunctional water control structure 3B-5H and 30 feet of pipe	R8GK		
- Replace water control structure 4C-3H and 40 feet of pipe	R8GL		
- Rehabilitate 2.8-mile Unit 10B, 11A2 Admin Road	R8GM		
Merced National Wildlife Refuge		\$25	



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Repair Deadman Creek Canal at Merced NWR	R8GN	
	Modoc National Wildlife Refuge		\$1,082
	- Replace maintenance shop	R8BA	
	- Replace quarters	R8GP	
	Red Bluff Fish and Wildlife Office		\$435
	- Big Bear Flats stream habitat restoration to benefit the endangered Shasta crayfish, Willow Flycatcher and Pacific fisher	R8EB	
	Sacramento Fish and Wildlife Office		\$55
	- Cloverdale Ranch Restoration	R8FE	
	Sacramento National Wildlife Refuge		\$1,206
	- Demolish and Replace seismically unsafe shop bldg	R8GV	
	Sacramento River National Wildlife Refuge		\$300
	- Replace 7,200 square foot storage building	R8GW	
	Salinas River National Wildlife Refuge		\$31
	- Repair 4,500-foot boundary fence and Salinas River entrance gate	R8GX	
	San Diego Bay National Wildlife Refuge		\$6,000
	- Provide an adequate base of operations for staff and volunteers, and an orientation point for visitors by constructing an energy efficient Headquarters/Administrative/Visitor Building using a standard floor plan design to gain cost efficiencies	R8AA	
	San Diego National Wildlife Refuge		\$280
	- Replace 2.25 miles of fencing and boundary signage at San Diego NWR Complex	R8BC	
	- Repair drainage channels parallel to Millar Ranch Road, San Diego NWR	R8BD	
	San Luis National Wildlife Refuge		\$9,807
	- Avoid costly lease expenses and provide an adequate base of operations for staff and volunteers, and an orientation point for visitors by constructing an energy efficient Headquarters/Visitor Building using a standard floor plan design	R8AF	
	- Rehabilitate 2-mile A-canal extension gravel road at San Luis NWR	R8GY	
	Stone Lakes National Wildlife Refuge		\$264
	- Construct 4,000 foot gravel trail	R8LB	
	Tehama Colusa Fish Facility		\$213
	- Repair of damaged exterior building walls	R8PF	
	- Replace aging modular trailer office space with modern, energy efficient office space	R8PG	
	- Install ventilators in Warehouse Roof	R8PH	
	- Replace aging garage roll-up doors with insulated doors	R8PJ	
	- Replace aging inefficient A/C	R8PK	
	- Install exterior drainage alongside Administration building	R8RA	
	Tule Lake National Wildlife Refuge		\$245
	- Walking Wetlands Restoration	R8MA	
	Ventura Fish and Wildlife Office		\$170
	- Barrier removal in Central California to benefit threatened steelhead and Coho salmon	R8FF	
	Yreka Fish and Wildlife Office		\$90
	- Middle Klamath River Tributary Fish Passage	R8TC	
California Total			\$22,357
Colorado	Alamosa National Wildlife Refuge		\$1,542
	- Replace Storage Building	R6BA	
	- Replace non-functional New Ditch Dam to enhance water management capability for wetlands and marshes on the refuge	R6GA	
	- Replace Storage Building	R6GB	
	- Replace Storage Building	R6GC	
	- Rehab/Retrofit Office Heating System with Geothermal System and Install Photovoltaic and Wind Turbine Systems	R6GD	
	Arapaho National Wildlife Refuge		\$94
	- Rehab Hackley Tract 4-Strand Interior Fence	R6GE	
	Baca National Wildlife Refuge		\$190
	- Replace E Baca Boundary Fence	R6GG	
	- Rehab/Retrofit Office Heating System with Geothermal System and Install Photovoltaic and Wind Turbine Systems.	R6GH	
	Browns Park National Wildlife Refuge		\$1,200
	- Replace 4 Pumps and Pumpsites	R6BC	
	Colorado River Fish Recovery Program		\$605
	- Remove Hartland Diversion dam on the Gunnison R, CO for 20 mi of 3 spp habitats	R6TA	
	- Remove Hartland Diversion dam on the Gunnison R, CO for 20 mi of 3 spp habitats	R6UA	
	Hotchkiss National Fish Hatchery		\$2,130
	- Replace effluent ponds with new raceways, re-line settling ponds	R6PG	
	- Install New Weatherport Cover Over New Raceways	R6RA	
	Monte Vista National Wildlife Refuge		\$220



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Rehab/Retrofit Office Heating System with Geothermal System and Install Photovoltaic and Wind Turbine Systems	R6HM	
	Rocky Mountain Arsenal National Wildlife Refuge		\$3,224
	- Provide an adequate base of operations for staff and volunteers, and an orientation point for visitors by constructing an energy efficient Visitor Building using a standard floor plan design to gain cost efficiencies	R6AA	
	- Replace Section 10 Chain Link Fence	R6BJ	
	- Replace 9TH Avenue & First Creek Crossing	R6JB	
Colorado Total			\$9,205
Connecticut	Southern New England New York Bight Coastal Program		\$909
	- Barrier Beach Restoration on Long Beach West	R5FA	
	Stewart B McKinney National Wildlife Refuge		\$212
	- Rehabilitate Outer Island Sea Wall	R5HB	
Connecticut Total			\$1,121
Delaware	Bombay Hook National Wildlife Refuge		\$241
	- Rehabilitate Foot Trail-Phasell	R5GC	
Delaware Total			\$241
Florida	ARM Loxahatchee National Wildlife Refuge		\$1,304
	- Rehabilitate the fuel depot which has a missing emergency cutoff switch for the fuel pumps	R4GB	
	- Rehabilitate damaged and worn maintenance shop	R4GC	
	- Repair damaged, leaking windows and faulty GFI outlet at Quarters 6	R4GD	
	- Remove invasive animals and vegetation and replace it with native vegetation	R4MA	
	Chassahowitzka National Wildlife Refuge		\$21
	- Repair weathered 5-acre whooping crane pen observation blind and associated facilities	R4GU	
	- Repair damaged pole barn.	R4GV	
	Florida Panther National Wildlife Refuge		\$200
	- Restore pine uplands and wet prairie habitats by removing invasive cabbage palms on 1,900 acres using contracted specialized heavy equipment and operators, and contract herbicide crews.	R4MC	
	Jacksonville, FL Ecological Services Field Office		\$200
	- Florida Sandhills Longleaf Pine Restoration/Enhancement on Private Lands	R4EE	
	Lower Suwannee National Wildlife Refuge		\$1,087
	- Install solar photovoltaic array aystem on the Refuge Maintenance Shop and replace Shop	R4CA	
	- Repair worn and replace missing boundary signs	R4HL	
	- Rehabilitate worn graveled maintenance yard parking area	R4HM	
	Merritt Island National Wildlife Refuge		\$1,754
	- Rehabilitate eroded and overgrown T-10-J dike.	R4HP	
	- Construction of a small office based on the Refuge standard small office design	R4LC	
	- Restore habitats for endangered scrub jay.	R4MD	
	- 2nd phase of the habitat restoration for endangered scrub jay project	R4ME	
	National Key Deer Refuge		\$83
	- Replace worn/deteriorated bulk fuel tanks at Administrative/Operations facility	R4HV	
	- Inventory and monitor plant and animal populations critical to ensuring the biological	R4MF	
	Panama City, Coastal Program Office		\$600
	- Tarklin Bayou Wetland Restoration and Enhancement	R4FB	
	- Topsail Hill Preserve State Park Restoration and Enhancement Project	R4FC	
	South Florida Coastal Program Office		\$625
	- Pine Rockland and Other Invasive Species Control Initiative	R4FD	
	- South Florida Marsh and Mangrove Swamp Restoration/Enhancement	R4FE	
	St Marks National Wildlife Refuge		\$928
	- Replace deteriorated Salt Water boat ramp	R4BK	
	- Replace unsound boardwalk and floating platform attached to East River boat ramp	R4JY	
	- Repair weathered 90' accessible boat dock.	R4JZ	
	- Replace Environmental Education building with wet and dry labs; one classroom with a storage room	R4KA	
	Welaka National Fish Hatchery		\$154
	- Rehab deteriorated/damaged visitor contact station	R4QE	
	- Repeace HVAC system	R4QF	
Florida Total			\$6,956
Georgia	Athens, GA Ecological Services Field Office; Brunswick, GA Sub Office		\$200
	- South Georgia Longleaf Pine Restoration/Enhancement on Private Lands	R4EB	
	Blackbeard National Wildlife Refuge		\$110
	- Replace 9 Water Control Structures to restore wetland management capabilities	R4GJ	
	Harris Neck National Wildlife Refuge		\$203
	- Repair damaged and rotting Crabbers Dock - Barbor River Watermans Association dock	R4HF	



U.S. Fish and Wildlife Service Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
Georgia	Okefenokee National Wildlife Refuge		\$1,752
	- Rehabilitate worn, eroded concrete bridge #9	R4HY	
	- Replace Water Control Structure at Suwannee River Sill	R4HZ	
	Panama City Fishery Resources Office		\$24
	- Bovine Spring Restoration Project for Striped Bass Recovery	R4UD	
	Piedmont National Wildlife Refuge		\$750
	- Update utilities	R4JG	
	Savannah National Wildlife Refuge		\$177
	- Replace water control structure in impoundment #16	R4JU	
	- Dredge ditch	R4JV	
	Wadmalaw Island Fish and Wildlife Management Assistance Office		\$29
	- Lake Sinclair Island Reclamation and Habitat Enhancement	R4UE	
Warm Springs National Fish Hatchery		\$176	
- Install a 10 kW solar PV system for the fish health, tech center lab building	R4DB		
- Replace electrical meters for seventeen buildings	R4QD		
Georgia Total			\$3,421
Hawaii	Hakalau Forest National Wildlife Refuge		\$590
	- Replace 4,400 square foot Pua Akala barn with storage/maintenance building	R1BC	
	Hawaiian Islands National Wildlife Refuge		\$406
	- Replace photovoltaic system at Laysan Island	R1GC	
	- Replace housing and first storage unit at Laysan Island	R1GD	
	Kealia Pond National Wildlife Refuge		\$7,300
	- Design and construct a base of operations for staff and volunteers, and an orientation point for visitors by constructing an energy efficient Headquarters/Administrative/Visitor Building using a standard floor plan design to gain cost efficiencies	R1AA	
	Kilauea Point National Wildlife Refuge		\$120
	- Rehabilitate historic Kilauea Point Lighthouse, Phase 2	R1BE	
	Pacific Islands Coastal Program		\$220
- Lehua Island Native Habitat Restoration	R1FB		
- Mokia Coastal Strand Restoration on Molokai	R1FC		
- Cattle and Predator Control Fencing Around Nu'u Wetland on Maui	R1FD		
Hawaii Total			\$8,636
Iowa	DeSoto National Wildlife Refuge		\$1,580
	- Visitor Center Window Replacement for Energy Conservation	R3GH	
	- Visitor Center Halon Fire Suppression System Replacement	R3GJ	
	- Incandescent Light Fixture Replacement	R3GK	
	Iowa Partners for Fish and Wildlife		\$200
- Topeka Shiner Oxbow Restoration in N. Raccoon River Watershed	R3EF		
Upper Mississippi National Wildlife Refuge		\$750	
- Repair Erosion on Guttenburg Moist Soil Unit Dikes	R3BC		
Iowa Total			\$2,530
Idaho	Camas National Wildlife Refuge		\$109
	- Repair Quarters 2	R1BA	
	Idaho Fishery Resources Office		\$87
	- Prevent entrainment of Bonneville cutthroat trout on the Upper Cub River, Idaho	R1UB	
	Idaho Fish and Wildlife Office		\$430
	- Crystal Creek Ranch Stream and Wetland Restoration Project	R1EA	
	Kooskia National Fish Hatchery		\$800
- Rehab Water Recirculation System	R1PL		
- Rehab Pollution Abatement Pond	R1PM		
Idaho Total			\$1,426
Illinois	Carterville National Fish and Wildlife Conservation Office		\$14
	- NFPP Phase I--Ferson-Otter Creek Dam Removal/Modification Project, Foy River Watershed, Illinois	R3TC	
	Chautauqua National Wildlife Refuge		\$640
	- Chautauqua Lake Perimeter Levee Repair	R3GG	
	Illinois Partners for Fish and Wildlife		\$150
	- Pecatonica River Floodplain Wetland Habitat	R3EA	
Two Rivers National Wildlife Refuge		\$200	
- Gilbert Lake Outlet Ditch Cleanout	R3GW		
Illinois Total			\$1,004
Indiana	Indiana Partners for Fish and Wildlife		\$144
	- Red-tail Conservancy Floodplain Restoration	R3EB	
	- Grand Kankakee Wetland and Upland Restoration	R3EC	
	- Wabash River Oak Woodland Restoration	R3ED	
	- Invasive species removal on priority habitats that benefit listed and at-risk species	R3EE	



U.S. Fish and Wildlife Service Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
Indiana Total			\$144
Kansas	Flint Hills National Wildlife Refuge		\$107
	- Replace Bench Marsh WCS	R6BD	
	Kirwin National Wildlife Refuge		\$110
	- Rehab Terraces & Check Dams (units 21 & 10)	R6HD	
	- Remove Debris from Unit 25	R6HE	
Kansas	Quivira National Wildlife Refuge		\$951
	- Rehabilitate Office /Visitor Center	R6BH	
	- Repair RCD WCD - flood damage	R6HP	
	- Rehabilitate Bridges	R6HQ	
	- Replace spillways at Wetland Units 25 & 26	R6HR	
	- Rehab accessible trail	R6HI	
Kansas Total			\$1,168
Kentucky	Dale Hollow Fish and Wildlife Management Assistance Office		\$36
	- John's Creek In-stream Habitat Enhancement	R4UC	
	Ohio River Islands National Wildlife Refuge		\$121
	- Rehabilitate Twenty Islands Storm Damage with Initial Study	R5BC	
	Reelfoot National Wildlife Refuge		\$9
	- Repair rotting wooden Long Point Observation Tower.	R4JP	
Kentucky	Wolf Creek National Fish Hatchery		\$30
	- Repair hatchery building lighting and replace doors	R4QG	
Kentucky Total			\$196
Louisiana	Big Branch Marsh National Wildlife Refuge		\$346
	- Replace energy inefficient windows and doors, seal air leaks on others and install energy efficient treatments on three primary buildings	R4GF	
	- Visitor Center Exhibits	R4LD	
	Grand Cote National Wildlife Refuge		\$225
	- Construct Pole Shed, Grand Cote NWR	R4LB	
	Natchitoches National Fish Hatchery		\$3
Louisiana	- Replace Electric Meters on six buildings	R4PL	
	Upper Ouachita National Wildlife Refuge		\$2,096
	- Demolish 17 miles of Levee-Return to productive Habitat	R4KG	
Louisiana Total			\$2,670
Massachusetts	Assabet National Wildlife Refuge		\$800
	- Complete construction of Eastern Massachusetts Complex Headquarter/VC	R5LA	
	Berkshire Trout Hatchery		\$25
	- Replace the facility's fish production water alarm system	R5PB	
	Monomoy National Wildlife Refuge		\$1,400
	- Rehabilitate Cultural Heritage Improvement of Monomoy Lighthouse	R5BB	
	North Attleboro National Fish Hatchery		\$730
	- Connect existing water supply well to hatchery infrastructure	R5RA	
	Partners for Fish and Wildlife Program		\$750
- Provide fish passage on the Manham River for spawning Atlantic salmon, Blueback herring and other fish by constructing fish ladder. Project provides access to 11 miles of river.	R5EA		
Massachusetts	Richard Cronin National Salmon Station		\$189
	- Replace main water storage tank	R5PU	
	- Replace the facility's fish production water alarm system	R5PV	
Massachusetts Total			\$3,894
Maryland	Eastern Neck National Wildlife Refuge		\$54
	- Replace Entrance Road Culverts	R5GF	
	Patuxent Research Refuge		\$6,910
	- Rehabilitate infrastructure associated with Patuxent Facilities Modernization Plan; to be cost shared with \$9 million from US Geological Survey. Planning and design work, demolish Stickell Hall, construct 1 residence.	R5BD	
	- Replace Quarters 147 with Modular	R5BE	
	- Replace Six Gates at Perimeter Fence for National Security	R5BF	
	- Replace National Wildlife Visitor Center Gate for National Security	R5GQ	
	- Replace Bald Eagle Gate for National Security	R5GR	
	- Replace Airport/Stables Gate for National Security	R5GT	
	- Replace Lake Allen Gate for National Security	R5GU	
Maryland Total			\$6,964
Maine	Craig Brook National Fish Hatchery		\$421
	- Replace Roof on Receiving Building	R5PC	
	- Rehab for safety compliance by installing new personnel doors	R5PD	
	- Replace the existing outdated water treatment plant generator	R5PE	
	Green Lake National Fish Hatchery		\$553



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Replace the facility's fish production water alarm system	R5PF	
	- Replace Translucent Kal-wall wall panels	R5PG	
	- Rehab highly inefficient UV disinfection system	R5PH	
	Maine Fishery Resources Office		\$150
	- Restore Fish Passage & Stream Processes in Old Stream, Maine	R5TE	
	- Restore Aquatic Connectivity within GOM DPS Atlantic Salmon Rivers	R5TH	
	Moosehorn National Wildlife Refuge		\$71
	- Replace L Goodall Health Water Control Structure	R5GP	
	Rachel Carson National Wildlife Refuge		\$834
	- Remove and Replace Seasonal Housing, including installation of a geothermal heat pump	R5BG	
- Replace Carson Trail Observation - Replace Observation Platform	R5GV		
- Rehabilitate Hiking Trail	R5GW		
Maine Total			\$2,029
Michigan	Alpena National Fish and Wildlife Conservation Office		\$142
	- NFPP Chesaning Dam Removal and Rock Ramp in Chesaning, MI on the Shiawassee River	R3TA	
	Green Bay National Fish and Wildlife Conservation Office		\$135
	- NFPP Removal of Nashville and Maple Hill Dams (Thornapple River) in Barry County, MI	R3TE	
	- NFPP Replace perched culvert on Silver Creek (Manistee River) in Lake County, MI	R3TF	
	Jordan River National Fish Hatchery		\$3,411
	- Install Microturbine generation system at Jordan River NFH	R3DA	
	- Replace Jordan River's effluent treatment	R3PA	
	- Reconstruct building over raceways 1-8	R3PB	
	- Replace propane fired boiler system with energy efficient geothermal heating system	R3PC	
	Michigan Partners for Fish and Wildlife		\$165
	- Copperbelly Watersnake Habitat Improvement	R3EG	
	- Southern Michigan Prairie revegetation and hydrological restoration to restore historic prairie habitat for migratory birds	R3EH	
	- Lake Michigan Watershed Wetland Restoration	R3EJ	
	- Hydrologic restoration of degraded wetlands in the Lake Huron/Saginaw Bay watershed for migratory birds and waterfowl	R3EK	
	- Hydrologic restoration in degraded wetlands in the western Lake Erie watershed for migratory birds and waterfowl	R3EL	
	Pendills Creek National Fish Hatchery		\$46
- Replace Old Self Contained Fish Food Freezer with new Energy Efficient Self Contained Freezer, Sullivan Creek NFH	R3PD		
- Energy Efficiency T-8 Lights and Ballasts, Compact Fluorescent Bulbs, Pendills Creek NFH	R3PE		
Seney National Wildlife Refuge		\$1,526	
- Replace deteriorated Upper Goose Pen water control structure	R3GQ		
- Replace deteriorated C2 to M2 structure	R3GR		
Michigan Total			\$5,424
Minnesota	Agassiz National Wildlife Refuge		\$3,548
	- Repair Erosion on Ditch 11 Embankment Slopes	R3GA	
	- Water Management Ditch Rehabilitation	R3GB	
	- Shop Solar Heating System Repairs	R3GC	
	Detroit Lakes Wetland Management District		\$300
	- Building Envelope and HVAC Improvements	R3GL	
	Minnesota Partners for Fish and Wildlife		\$180
	- Northern Tallgrass Prairie Wetland Restoration	R3EM	
	- Northern Tallgrass Prairie Invasive Species Control	R3EN	
	Minnesota Valley National Wildlife Refuge		\$251
- Rehabilitate Loading Dock	R3GN		
- Minnesota Valley Sand Creek Trail Bridge Replacement	R3GP		
Sherburne National Wildlife Refuge		\$425	
- Retrofit Maintenance Shop Entrance Doors	R3GT		
- Headquarters Building Energy Retrofit	R3LA		
Minnesota Total			\$4,704
Mississippi	Dahomey National Wildlife Refuge		\$175
	- Maintenance equipment shed; Replace BLDG DAH 300 sq. ft metal storage	R4HC	
	Morgan Brake National Wildlife Refuge		\$35
	- Rehabilitate four overgrown levees.	R4HR	
	- Rehabilitate twelve overgrown levee ponds.	R4HT	
	- Rehabilitate damaged and worn informational kiosk	R4HU	
	North Mississippi Refuges Complex		\$38
- Replace worn pump, outlet and distribution pipes on Well #1 on the Henson FSA tract	R4HW		
- Replace worn pump, distribution pipes, and outlet pipes on Well #2 on the Henson FSA tract	R4HX		
Panther Swamp National Wildlife Refuge		\$17	
- Replace damaged and leaking concrete culvert under Dummy-Line road	R4JA		



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Replace damaged and leaking concrete culvert under Dummy-Line road	R4JB	
	- Replace damaged and leaking concrete culvert under Dummy-Line road	R4JC	
	Private John Allen National Fish Hatchery		\$1,213
	- Rehab deteriorated kettle 60	R4PQ	
	- Rehab deteriorated kettle 63	R4PR	
	- Rehab deteriorated kettle 64	R4PT	
	- Rehab deteriorated kettle 65	R4PU	
	- Rehab deteriorated kettle 56	R4PV	
	- Rehab deteriorated kettle in Pond 8a	R4PW	
	- Rehab deteriorated kettle in Pond 9	R4PX	
	- Rehab deteriorated kettle in Pond 10	R4PY	
	- Remove and replace degraded ceiling boards on historic residence that are at risk of falling	R4PZ	
	- Replace office building and add visitor contact station to new building	R4QA	
	- Replace existing rotten, cracked and warped siding	R4QB	
	- Replace HVAC system	R4QC	
	- Construct new well	R4RC	
	St Catherine Creek National Wildlife Refuge		\$346
	- Replace failed Sibley Unit WCS, Repair Erosion, Repair Levee Dikes	R4JW	
	- Repair damaged and deteriorated 102' x 15' metal bridge across Armstrong Ditch	R4JX	
	Teddy Roosevelt National Wildlife Refuge Complex		\$700
	- Greening the new Yazoo & Panther NWR HQ	R4CB	
	- Rehabilitate 15 miles of levees, professionally drill 10 agricultural wells, purchase 10 well heads and power units, and have 35 water control structures built and installed to enhance management on 3,400 acres of wetland habitat.	R4MJ	
Mississippi Total			\$2,524
Missouri	Columbia National Fish and Wildlife Conservation Office		\$242
	- NFFP Replace CR K-143 crossing over Niangua River to benefit threatened Niangua darter	R3TD	
	- NFHAP SARP Lower Bourbeuse Aquatic Conservation Area Landowner Partnership Phase I	R3UC	
	Great River National Wildlife Refuge		\$203
	- Replace Deficient WCS at Swan Lake / Sny Outlet	R3BB	
	Mingo National Wildlife Refuge		\$2,904
	- Designs for Visitor Center Energy Renovation	R3AA	
	- Replace office visitor center for energy and accessibility	R3GM	
	Missouri Partners for Fish and Wildlife		\$80
	- Tavern Creek Riparian Corridor Restoration for Niangua Darter	R3EP	
	Neosho National Fish Hatchery		\$209
	- Install Solar Water Heating Systems for Pallid Sturgeon Buildings Tier 3	R3DB	
	- Add LEEDS and Photovoltaic to Visitor Facility	R3RA	
	Squaw Creek National Wildlife Refuge		\$50
	- Preliminary Designs to Replace the Radial Gate Structure	R3GU	
	- Preliminary Designs for Replacing the Peican Bridge	R3GV	
Missouri Total			\$3,688
Montana	Bowdoin Wetland Management District		\$22
	- Repair Bruce's Wetland Leak	R6GJ	
	- Repair Water Delivery Canals	R6GK	
	Charles M. Russell National Wildlife Refuge		\$70
	- Replace Harpers Ridge Fence	R6GM	
	Creston National Fish Hatchery		\$35
	- Replace old windows in Hatchery Building	R6PA	
	Ennis National Fish Hatchery		\$249
	- Install photo voltaic system to generate 75% of station's electricity use	R6DA	
	Hailstone National Wildlife Refuge		\$550
	- Remediate Salinity Contamination of Hailstone Reservoir	R6MA	
	Lee Metcalf National Wildlife Refuge		\$406
	- Replace Staff Quarters	R6BE	
	Lost Trail National Wildlife Refuge		\$111
	- Replace Deteriorated Log Garage	R6HH	
	- Replace Residence 1 Siding	R6HJ	
	- Rehab Residence #2	R6HK	
	Medicine Lake National Wildlife Refuge		\$50
	- Replace 10 Miles of Interior Fence	R6HL	
	National Bison Range		\$630
	- Replace Failed Mission Creek West Bridge	R6HN	
	Red Rock Lakes National Wildlife Refuge		\$248
	- Replace Sparrow Pond Trail Bridge	R6HV	
	- Repair Shop Building	R6HW	



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Replace Elk Lake Road kiosk and interpretive panels	R6HX	
Montana Total			\$2,371
North Carolina	Asheville, NC Ecological Services Field Office		\$500
	- North Carolina Strategic Stream/Riparian and Bog Restoration/enhancement on Private Lands	R4EA	
	Edenton National Fish Hatchery		\$44
	- Replace HVAC system	R4PE	
	Mattamuskeet National Wildlife Refuge		\$1,482
	- Rehabilitate silted canal.	R4BE	
	- Replace Deteriorating Metal Storage Building	R4BD	
	- Replace 3 Pumping Stations for Moist Soil Units to manage water on three impoundments totaling 853 acres.	R4HN	
	NC Coastal Plain Complex		\$747
	- Restore wetland and water management capabilities	R4MG	
	Pea Island and Alligator River National Wildlife Refuges		\$6,864
	- Establish an adequate on-refuge base of operations for staff and volunteers, and an	R4AA	
	Pocosin Lakes National Wildlife Refuge		\$58
	- Repair the Pungo Lake Banding Site	R4JH	
	- Rehabilitate silted in canal located beside I rux Road	K4JK	
North Carolina Total			\$9,695
North Dakota	Audubon National Wildlife Refuge		\$6,166
	- Replace current building that is a health and safety hazard. Provide an adequate base of operations for staff and volunteers, and an orientation point for visitors by constructing an energy efficient Headquarters/Visitor Building using a standard floor plan	R6BB	
	- Replace Fuel Tanks and Pumps	R6GF	
	Des Lacs National Wildlife Refuge		\$132
	- Replace Water Control Structure and Bridge	R6GQ	
	Devils Lake Wetland Management District		\$750
	- Rehab Billings Lake main dikes	R6GR	
	Garrison Dam National Fish Hatchery		\$930
	- Replace 9 clay fish production pond liners with polypropylene-type liners to stop leakage, conserve water, and increase natural solar heating.	R6PC	
	J Clark Salyer National Wildlife Refuge		\$87
	- Replace Sign Storage Building	R6HA	
	- Replace Grain Bin Storage	R6HB	
	- Replace Building Warehouse	R6HC	
	Long Lake National Wildlife Refuge		\$51
	- Replace refuge signs	R6HG	
	Sullys Hill National Game Preserve		\$105
	- Rehab trail	R6JJ	
	- Repair Geothermal Well Field	R6JH	
	Tewaukon National Wildlife Refuge		\$24
	- Repair Dike and WCS	R6JK	
	Upper Souris National Wildlife Refuge		\$176
	- Repair Dam 41 Embankment/Spillway	R6BL	
North Dakota Total			\$8,421
Nebraska	Boyer Chute National Wildlife Refuge		\$250
	- Shop Building Energy Conservation & Geothermal Conversion	R3GE	
	Crescent Lake National Wildlife Refuge		\$59
	- Rehabilitate Main Shop Building	R6GP	
	Fort Niobrara National Wildlife Refuge		\$575
	- Replace West and South Boundary Bison Fence	R6GZ	
	Rainwater Basin Wetland Management District		\$54
	- Replace Massie WPA Well Pump and Engine	R6HU	
	Valentine National Wildlife Refuge		\$26
	- Repair Water Control Structure	R6JL	
Nebraska Total			\$964
Nevada	Ash Meadows National Wildlife Refuge		\$431
	- Replace quarters	R8GB	
	- Replace 10,500 ft refuge boundary fence and signs at Ash Meadows	R8GA	
	Lahontan National Fish Hatchery		\$477
	- WNTI Susie Creek Fish Barrier to Protect High Priority Recovery Habitat for Lahontan	R8UA	
	- WNTI McDermitt Creek Fish Migration Barrier to Protect a LCT population in McDermitt	R8UB	
	- Rehab Water Well Pumps for Fish Production	R8PD	
	Marble Bluff Fish Facility		\$65
	- Rehab Visitor Center/ada restrooms	R8PE	



U.S. Fish and Wildlife Service Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	Nevada Fish and Wildlife Office		\$400
	- Restoring Sage Grouse Habitat in the Great Basin of Nevada	R8EA	
	Pahranagat National Wildlife Refuge		\$210
	- Replace 12.5 miles of Pahranagat NWR east boundary fence	R8BB	
	Ruby Lake National Wildlife Refuge		\$682
	- Replace maintenance shop	R8GU	
	Sheldon National Wildlife Refuge		\$185
	- Tier 2 Energy Efficiency & Renewable Energy Projects, Sheldon-Hart Mountain Complex	R1GL	
Nevada Total			\$2,450
New Hampshire	Connecticut River Coordinators Office		\$242
	- Warren Brook & Cold River Salmonid Habitat Restoration, Alstead, NH NFHAP	R5UB	
	Lake Umbagog National Wildlife Refuge		\$40
	- Remove Beane Cabin	R5GM	
	- Remove Oulette Cabin	R5GK	
	- Remove Bickford Camp	R5GN	
	- Remove Oulette Camp	R5GL	
	Nashua National Fish Hatchery		\$220
	- Replace the facility's fish production water alarm system	R5PP	
	- Replace stand-by 110 KVA diesel generator	R5PW	
New Hampshire Total			\$502
New Jersey	E.B. Forsythe National Wildlife Refuge		\$520
	- Remove Forked River Game Farm Facilities and return to native habitat	R5GE	
	Great Swamp National Wildlife Refuge		\$474
	- Replace Pleasant Plains Road Automatic Gate (South Gate)	R5GH	
	- Complete construction of Helen C. Fenske Visitor Center	R5LB	
	- Replace Water Control Structure #14	R5GG	
	- Remove Quarters #99	R5GJ	
New Jersey Total			\$994
New Mexico	Bitter Lake National Wildlife Refuge		\$800
	- Restore flows in oxbows and meanders of a previously channelized reach of the Pecos River to recreate backwater habitats for listed fish and native riparian habitat.	R2MA	
	Bosque del Apache National Wildlife Refuge		\$279
	- C702Rehabilitate hiking trails to provide a smoother, safer walking surface	R2GB	
	- Renewable Energy--Solar Photovoltaic projects on buildings	R2CA	
	Dexter National Fish Hatchery and Technology Center		\$320
	- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats;	R2PJ	
	- Replace Pond 1A kettle	R2PK	
	- Replace polypropylene liner in Pond 7C	R2PG	
	- Renew well and pumping station 3	R2PL	
	- Replace valves at ponds 2D to 25D	R2PH	
	Las Vegas National Wildlife Refuge		\$772
	- Replace 4 miles of barbed wire fence	R2GJ	
	- Rehabilitate/repair valves, couplers, and PVC irrigation	R2GH	
	Mora National Fish Hatchery and Technology Center		\$171
	- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats;	R2PU	
	- Repair roof on Office/Shop building	R2PT	
- Rehab water storage tank	R2PQ		
- Construct an air conditioning system for Office/Lab Building	R2PR		
- Replace ozone disinfection system with UV system on reuse system #1	R2PV		
New Mexico Fish and Wildlife Conservation Office		\$174	
- Renovation of Barrier to Protect Rio Grande Cutthroat Trout in Tio Grande Creek	R2UB		
- Renovation of Barrier to Protect Rio Grande Cutthroat Trout in Tanques Creek	R2UC		
Sevilleta National Wildlife Refuge		\$1,360	
- Replace damaged and/or outdated refuge boundary fence signs and boundary gates	R2HA		
- Replace dilapidated sections of a 60 mile wooden-post fence	R2BB		
- Rehabilitate, regrade and gravel approximately 35 miles of gravel roads	R2HB		
- Renewable Energy--Solar Photovoltaic projects on buildings	R2CH		
- Rehabilitate and reconstruct sections of Montosa Road and junctions	R2BC		
New Mexico Total			\$3,876
New York	Lake Champlain FWRO		\$50
	- Warren County fish passage in the Lake George watershed in a variety of stream types	R5TD	
	Long Island National Wildlife Refuge		\$9,775
	- Construct an adequate base of operations and an orientation point for visitors by constructing an energy efficient Headquarters/Administrative/Visitor Building using a standard floor plan design to gain cost efficiencies	R5BA	
Shawangunk Grasslands National Wildlife Refuge		\$779	



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Restore Wetlands by Removing Runways and Taxiways	R5HA	
New York Total			\$10,604
Ohio	Cartersville National Fish and Wildlife Conservation Office		\$72
	- NFHAP: Big Darby Creek Watershed Restoration in the Ohio River Basin	R3UB	
	Cedar Point National Wildlife Refuge		\$825
	- South Boundary Dike Erosion Repair	R3BA	
	- Drainage Ditch Cleanout	R3GF	
	Ohio Partners for Fish and Wildlife		\$150
	- Beaver Farm Prairie and Wetland Restoration	R3ER	
	- Invasive species removal in W. Ohio Oak Savanna habitat for the endangered Indiana bat	R3EQ	
	Ottawa National Wildlife Refuge		\$700
	- Install Photo Voltaic Array on visitor Center	R3CB	
Ohio Total			\$1,747
Oklahoma	Deep Fork National Wildlife Refuge		\$566
	- Construct a new administrative facility at Deep Fork NWR	R2AF	
	Salt Plains National Wildlife Refuge		\$28
	- Replace 15 trail interpretative signs that have been damaged from flooding and exposure to	R2GW	
	Sequoyah National Wildlife Refuge		\$27
	- Replace existing water control structures at Slippery Ann Slough	R2GZ	
	Tishomingo National Fish Hatchery		\$258
	- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances	R2QD	
	- Rehab Feed Storage Bldg.	R2QE	
	- Rehab ponds 2E & 3E--combine and install liner	R2QB	
	- Rehab Pond 1F and install liner	R2QC	
	Tishomingo National Wildlife Refuge		\$57
	- Rehabilitate Nida Point Road by regravelling road surface	R2HC	
	- Repair entrance road, parking area, and boat ramp at Rock Creek	R2HD	
	Wichita Mountains		\$25
	- Rehabilitate the fire office building to include updating the heating/air unit	R2HE	
Oklahoma Total			\$961
Oregon	Bandon Marsh National Wildlife Refuge		\$950
	- Construct power line under Bandon Marsh tidal marsh habitat restoration area	R1LA	
	Columbia River FPO		\$115
	- Fish Passage and Screens at Two Diversions on Eagle Creek (Powder River) in NE Oregon	R1UA	
	Eagle Creek National Fish Hatchery		\$330
	- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances	R1PK	
	- Replace walkways	R1PJ	
	Klamath Falls Fish and Wildlife Office		\$164
	- Fish Passage at 5 Mile Creek	R8TB	
	- Chocktoot Delta Restoration	R8TA	
	Makah National Fish Hatchery		\$55
	- Repair Pumps	R1PQ	
	Malheur National Wildlife Refuge		\$3,432
	- Replace dam at New Buckaroo site to comply with fish passage laws	R1BH	
	- Rehabilitate 2.8 miles of Unit 8 water delivery system	R1BG	
	- Rehabilitate Page Spring Dam	R1BF	
	- Replace fish passage/screens at Grain Camp, Busse, Sodhouse, and Dunn Dams	R1GF	
	Mid-Columbia River Fishery Resources Office		\$36
	- 2009 NFPP Manastash Creek Anderson Dam Removal	R1TA	
	Oregon Coastal Program		\$212
	- Miami Wetlands Restoration Implementation in Tillamook Bay	R1FA	
	Tualatin River National Wildlife Refuge		\$42
	- Replace drain line at Dennis Pond	R1GN	
	Umatilla National Wildlife Refuge		\$89
	- Replace water pipeline on McCormack Unit	R1GQ	
	Warm Springs National Fish Hatchery		\$84
	- Rehab water pumps/motors	R1QA	
Oregon Total			\$5,509
Pennsylvania	Allegheny National Fish Hatchery		\$1,130
	- Replace existing aeration and degassing tower	R5PA	
	Lamar National Fish Hatchery and Northeast		\$274
	- Rehab hatchery building, hatchery raceways/tanks, water delivery system, roof, restrooms for ADA compliance	R5PN	
Pennsylvania Total			\$1,404



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
Puerto Rico	Cabo Rojo National Wildlife Refuge		\$396
	- Repair damaged water control structures used to manage water levels in Cabo Rojo salt flats	R4BA	
	- Rehabilitate unposted 3 mile interpretive trail that begins at the Interpretive Center	R4GN	
	- Replace worn and leaning shadehouses for plant propagation	R4GM	
Puerto Rico	Laguna Cartagena National Wildlife Refuge		\$845
	- Repair leaking system of earthen dikes that provide refuge access and influx of water to refuge lagoon	R4HJ	
	- Replace damaged refuge boundary fence	R4HK	
Puerto Rico Total			\$1,241
South Carolina	Bears Bluff National Fish Hatchery		\$342
	- Rehabilitate deteriorated/unusable pond 5	R4PA	
	- Replace HVAC system	R4PC	
	- Rehabilitate deteriorated/unusable pond 6	R4PB	
	- Install a heat pump to increase water temperature for cobia spawning cycle manipulation	R4RA	
	Cape Romain National Wildlife Refuge		\$750
	- Purchase a large capacity portable pump to effectively move water on all units of the refuge	R4MN	
	Carolina Sandhills National Wildlife Refuge		\$51
	- Rehab worn FHWA Route 155	R4GQ	
	- Repair weathered public fishing pier at Mays Lake	R4GT	
	Ernest F. Hollings ACE Basin National Wildlife Refuge		\$450
	- Rehabilitate eroded and leaking Combahee Fields wetland management unit perimeter dike	R4HD	
	- Restore wetland management impoundment to benefit migratory birds	R4MB	
	Orangeburg National Fish Hatchery		\$118
- Rehab 44 year old freshwater production well at reservoir	R4PM		
- Repair/rehab 320' freshwater well	R4PN		
- Replace HVAC system	R4PP		
Santee National Wildlife Refuge		\$1,998	
- Rehabilitate worn and eroded pumping station	R4BG		
- Rehabilitate eroded earthen road	R4BH		
- Rehabilitate eroded earthen road	R4BJ		
- Wetland Restoration	R4MH		
- Restore existing and install 5,800 ft of new water delivery canals.	R4MM		
Charleston, SC, Coastal Program Office		\$139	
- South Carolina State Parks Coastal Park Habitat Management/Enhancement	R4FA		
South Carolina Total			\$3,848
South Dakota	DC Booth Historic National Fish Hatchery		\$360
	- Repair only public use road and canal rock wall destroyed by 100 year flood event	R6PB	
	Gavins Point National Fish Hatchery		\$10
	- Replace lights in the hatchery building	R6PE	
	Lacreek National Wildlife Refuge		\$78
	- Rehab Boundary Fence	R6HF	
	Madison Wetland Management District		\$240
	- Rehabilitate Environmental Education Classroom	R6BF	
	Sand Lake National Wildlife Refuge		\$50
	- Rehab Birdhouse--Electrical Panelboard	R6JC	
- Rehab 8 Stall Garage--Windows	R6JD		
- Rehabilitate Shop Building--Windows	R6JE		
- Rehab Carpenter Shop--Windows & Hydrant	R6JF		
Waubay National Wildlife Refuge		\$378	
- Establish a SD Invasives Team to respond rapidly to new invasive plant species infestations	R6MC		
- Repair Unsafe Shoreline Main Entrance Road	R6BM		
South Dakota Total			\$1,116
Tennessee	Chickasaw National Wildlife Refuge		\$327
	- Remove eroded sediment from Canal #2-1 in the North half of impoundment #2	R4BB	
	- Rehabilitate eroded sanctuary service road/levee, which is comprised of earth material, 33c rock, and red rock	R4GW	
	- Rehabilitate eroded levee at impoundment 1	R4GX	
	Cookeville, TN Ecological Services Field Office		\$387
	- Tennessee Strategic Stream/Riparian Restoration (Clinch-Powell, Barrens Area, Cypress/Shoal Creek Watersheds)	R4EC	
Cross Creeks National Wildlife Refuge		\$38	
- Replace insufficient water control structure	R4GY		
Dale Hollow National Fish Hatchery		\$1,500	



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Effluent treatment system (plan, design, construct)	R4PD	
	Erwin National Fish Hatchery		\$39
	- Replace deteriorated raceway covers--6 A/B and 9 A/B	R4PF	
	- Replace deteriorated raceway cover 5 A/B	R4PG	
	Hatchie National Wildlife Refuge		\$643
	- Rehabilitate worn and deteriorated McCool Lakes Road	R4BC	
	Lower Mississippi River Coordinator		\$137
	- Fish Passage in Lower Mississippi River - Robinson Bayou Dikes (RM 852.3-855) (TN/MO)	R4TB	
	Reelfoot National Wildlife Refuge		\$871
	- Rehabilitate worn Goose Pen Road on the Long Point Unit of the Reelfoot NWR	R4JQ	
	- Energy Rehab of office	R4JR	
	- Energy Rehab of maintenance shop	R4JT	
	Tennessee National Wildlife Refuge		\$8,867
	- Eliminate expensive leases and provide an adequate on-refuge base of operations for staff	R4AF	
	- Replace leaking 60 inch water control structure	R4KC	
	been lost due to flood damages to protect management capabilities for 150,000 waterfowl	R4KD	
	- Replace old and rickety DRU pole shed barn at the "Bull Pen"	R4KE	
	- Rehabilitate levee overgrown with woody vegetation	R4KF	
Tennessee Total			\$12,809
Texas	Anahuac National Wildlife Refuge		\$29
	- Repair or replace boat rollers on the Middleton Tract	R2GA	
	Aransas National Wildlife Refuge		\$346
	- Renewable Energy - Solar Photovoltaic projects on buildings	R2CG	
	- NFPP: Red Fish Landing AB-SR-1 Culvert Restoration Project	R2TA	
	Brazoria National Wildlife Refuge		\$567
	- Construct a new administrative facility at Brazoria NWR	R2AA	
	Buffalo Lake National Wildlife Refuge		\$250
	- Renewable Energy--Solar Photovoltaic projects on buildings	R2CC	
	Hagerman National Wildlife Refuge		\$3,214
	- Replace a condemned building with an energy efficient Headquarters/Visitor Building using a standard floor plan design to gain cost efficiencies	R2GD	
	- Repair pond and dam, rebuild the spillway, and replace the drop pipe	R2GE	
	- Replace Sandy Point public observation tower	R2GF	
	- Replace Refuge boundary signs	R2GG	
	Inks Dam National Fish Hatchery		\$373
	- Rehab ponds 11, 12 and 16--split pond, build levee and kettle	R2PM	
	- Influent filtration system (high priority--prevent unwanted species from entering hatchery)	R2PN	
	- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances	R2PP	
	Laguna Atascosa National Wildlife Refuge		\$2,315
	- Rehabilitate 5.76 miles of 1 lane Unit 8 County Road	R2BA	
	- Renewable Energy--Solar Photovoltaic projects on buildings	R2CF	
	- Continue restoration of Bahia Grande Wetland Unit--Construct two 80 to 85-foot long, one-lane vehicle bridges to span marine tidal channels; construct low water crossings for overflow during tidal surges or high water periods	R2MD	
	Lower Rio Grande Valley National Wildlife Refuge		\$695
	- Rehabilitate foot trails on Salineno and Arroyo Los Negros tract	R2GK	
	- Rehabilitate 0.6 miles of degraded existing service-use dirt road on the Arroyo los Negros	R2GL	
	- Replace barbed wire boundary fence and 4 gates	R2GM	
	- Rehabilitate two 40-foot long concrete walls	R2GN	
	- Replace dilapidated 4-strand barbed wire boundary fence	R2GP	
	McFaddin National Wildlife Refuge		\$250
	- Remove abandoned infrastructure from West oil field	R2GQ	
	- Repair deteriorated boat launch and associated dock at refuge headquarters	R2GR	
	- Rehabilitate worn Middleton Levee hunter access trail	R2GT	
	- Rehabilitate overgrown, silted-in boat canals in the White Unit	R2GU	
	- Rehabilitate deteriorated boat launch at the north end of Clam Lake	R2GV	
	San Bernard National Wildlife Refuge		\$29
	- Rehabilitate the deteriorated and damaged surface of the Sergeant Entrance road	R2GX	
	San Marcos National Fish Hatchery and Technology Center		\$414
	- Rehab Office/Lab Building with new air handling unit, replace broken windows and reseal to prevent leaks during rain	R2PW	
	- Rehab McCarty well pump house	R2PX	
	- Rehab shop/garage building to bring electrical system to code and increase energy efficiency	R2PY	
	- Reconstruct a chain link fence around holding house	R2PZ	



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
Texas	- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances	R2QA	
	- Add office/storage space and three bays onto the existing Greenhouse used for Texas wild rice recovery	R2RA	
	Texas Chenier Plain Refuge Complex		\$6,400
	- Provide an adequate base of operations for staff and volunteers, and an orientation point for	R2AK	
	Texas Mid-Coast Refuges Complex		\$250
	- Renewable Energy - Solar Photovoltaic projects on buildings	R2CB	
	Texas Partners for Fish and Wildlife		\$100
	- Restore Coastal Prairie Ecosystems for Attwater's Prairie Chicken.	R2ED	
	Upper Texas Coast Coastal Program		\$455
	- Indian Point Saltmarsh Restoration Nueces County, Texas	R2FA	
	Uvalde National Fish Hatchery		\$343
	- Construct a new chemical storage building and a shed over the CAT LPG emergency	R2QF	
	- Replace kettle screens	R2QG	
	- Construct bird deterrent netting on Pond 30	R2QH	
- Construct a flume in Garmon Slough at east fence line	R2QJ		
- Construct a new septic system at Residence 2	R2QK		
- Install emergency electrical system for Wilson Well (for T&E species)	R2QL		
- Energy Efficiency--Replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances	R2QM		
- Construct a new water supply pipeline for ponds 12-16 & 21-25	R2QN		
Texas Total			\$16,030
U.S. Minor Outlying Islands	Midway Atoll National Wildlife Refuge		\$1,898
	- Rehabilitate Seaplane Hangar by replacing west half roof and renovating offices	R1BJ	
	- Rehabilitate Barracks BUQ C electrical systems and entrance; remove vinyl asbestos tile	R1BK	
	- Tier 2 Energy Efficiency & Tier 3 Renewable Energy Projects, Midway Atoll NWR	R1GG	
U.S. Minor Outlying Islands Total			\$1,898
Utah	Bear River Migratory Bird Refuge		\$56
	- Develop accessible trail spur	R6LA	
	Fish Springs National Wildlife Refuge		\$50
	- Replace Quarters 4 Roof Shingles	R6GY	
	- Replace Quarters 5 Roof Shingles	R6GT	
	- Replace Quarters 4/5 Garage Roof Shingles	R6GU	
	- Replace Quarters 39 Roof Shingles	R6GV	
	- Replace Quarters 40 Roof Shingles	R6GX	
	- Replace Quarters 39/40 Garage Roof Shingles	R6GV	
Utah Total			\$106
Virginia	Appalachian Partnership Coordination Office		\$21
	- North River, Augusta County, VA Stream Channel Restoration for Brook Trout	R5UA	
	Back Bay National Wildlife Refuge		\$568
	- Repair Rightmeyer House	R5GA	
	- Rehabilitate Office/Visitor Building--Replace Roof including Solar PV	R5GB	
	Chincoteague National Wildlife Refuge		\$551
	- Replace Water Supply System to Improve capabilities to manage wetland impoundments	R5GD	
	Harrison Lake National Fish Hatchery		\$175
	- Rehab water supply canal	R5PJ	
	- Replace water intake #2	R5PK	
	- Replace main culvert in water delivery channel	R5PL	
	- Replace water intake #1	R5PM	
	Rappahannock River National Wildlife Refuge		\$422
	- Repair Laurel Grove House	R5BH	
	- Remove and Replace Wilna Boat Shed	R5BJ	
	- Repair Wilna Quarters	R5GX	
	Virginia Fisheries Coordinator Office		\$138
	- Dam Removal: Wiley Street Culvert & Wasena Park Dam Removal, Roanoke River, Roanoke, Virginia-NFPP	R5TF	
	- Dam Removal: Riverton Dam, North Fork-Shenandoah River, Virginia-NFPP	R5TG	
	Virginia Partners for Fish and Wildlife Program		\$83
	- Roanoke River fish barrier retrofit at Wiley Drive will open 50 miles of the river watershed for the federally endangered Roanoke logperch	R5EB	
Virginia Total			\$1,958
Vermont	Lake Champlain Fish and Wildlife Resources Office		\$40
	- Great Brook culvert retrofits in the upper Winooski River drainage - NFPP	R5TC	
	Pittsford National Fish Hatchery		\$137



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Replace inefficiency and outdated electric panels, pumps and drives - Rehab well pumps and water delivery system	R5PR R5PT	
	White River National Fish Hatchery		\$830
	- Emergency rehab of the hatchery electrical system. - Replace the ballasts and fluorescent lighting Hatchery Bldg - Emergency rehab of the main hatchery outfall - Replace broken and leaking fish egg incubator stacks	R5PW R5PX R5PY R5PZ	
Vermont Total			\$1,007
Washington	Abernathy Fish Technology Center		\$2,245
	- Replace inclined screens - Rehab Water meter system - Rehab Water Well for Fish Production - Repair Water Intake Earthen Settling Basin - Repair Hatchery Building Roof - Rehab Modify Effluent Water System	R1PC R1PB R1PF R1PD R1PA R1PE	
	Carson National Fish Hatchery		\$767
	- Rehab Cover for Predator Exclusion - Rehab Adult Fish Crowders	R1PH R1PG	
	Conboy Lake National Wildlife Refuge		\$132
	- Construct safety improvements to Conboy Entrance Road (Rte 010)	R1GA	
	Grays Harbor National Wildlife Refuge		\$150
	- Replace 15 piling boundary markers	R1BB	
	Julia Butler Hansen Refuge		\$134
	- Rehabilitate mainland barge docking and loading area	R1BD	
	Little Pend Oreille National Wildlife Refuge		\$62
	- Repair Cliff Ridge Road (Rte 013)	R1GE	
	Little White Salmon National Fish Hatchery		\$200
	- Replace walkways on lower raceways	R1PN	
	Makah National Fish Hatchery		\$180
	- Repair Hatchery Building Electrical	R1PP	
	Mid-Columbia River Fishery Resources Office		\$234
	- NFHAP: Cle Elum River Engineered Log Jams and Side Channel Connection - NFPP Upper Beaver Creek Fish Passage and Rehabilitation	R1UC R1TB	
	Nisqually National Wildlife Refuge		\$3,661
	- Remove Evergreen dairy barn and shed - Construct boardwalk replacement for Brown Farm Dike trail, Phase 1 - Replace McAllister Creek dike and tidegate to restore estuary - Repair headquarters and visitor center	R1BL R1BM R1GJ R1GH	
	Puget Sound Coastal Program		\$250
	- Pink Sand Verbena Restoration and Re-introduction - Naas Preserve Prairie Habitat Restoration and Golden Paintbrush Recovery	R1FF R1FE	
	Quilcene National Fish Hatchery		\$1,517
	- Repair Weir - Rehab Hatchery Building (Seismic, Elect, Codes) - Repair Head box/Walkway on C Deck - Pump Out Penny Creek Settling Pond	R1PV R1PU R1PR R1PT	
	Quinault National Fish Hatchery		\$780
	- Replace Feed Building Roof - Repair Slide Gate at Hatchery Creek Intake - Repair Cook Creek Settling Basin for NPDES	R1PX R1PW R1PY	
	Saddle Mountain National Wildlife Refuge		\$42
	- Replace 300 boundary signs on ALE Reserve	R1GK	
	Spring Creek National Fish Hatchery		\$170
	- Water Quality Improvement Project--Rattlesnake Creek in the White Salmon river watershed - Repair Water Pumps and Motors	R1UD R1PZ	
	Stieger Wald Lake National Wildlife Refuge		\$180
	- Replace storage barn	R1BN	
	Toppenish National Wildlife Refuge		\$272
	- Replace Quarters 5	R1GM	
	Turnbull National Wildlife Refuge		\$393
	- Rehabilitate 3 miles of boundary fences - Tier 2 Energy Efficiency & Tier 3 Renewable Energy Projects, Turnbull NWR	R1BP R1GP	
	Umatilla National Wildlife Refuge		\$200
	- Replace Circle 2 irrigation pipeline on Whitcomb Unit	R1BQ	
	Washington Partners for Fish and Wildlife		\$560
	- South Willapa Bay Forest Restoration	R1EB	
	Western Washington Fishery Resources Office		\$106



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- Management Weir In Conjunction With Elwha Dam Removal; Recovery of Listed Bull Trout	R1TC	
	Willapa National Wildlife Refuge		\$133
	- Replace 200 boundary signs	R1GR	
	- Replace 25 boundary signs and pylons in Willapa Bay	R1BR	
	Willard National Fish Hatchery		\$302
	- Repair 12" valves on b deck	R1QB	
	- Repair Shop Building for Seismic Requirements	R1QC	
Washington Total			\$12,670
Wisconsin	Ashland National Fish and Wildlife Conservation Office		\$106
	- NFPP Troutmere Creek Fish Passage Restoration Project	R3TB	
	- Bad River Fish Passage Improvement and Sediment Reduction NFHAP Project	R3UA	
	Great Lakes Northern Coastal Program		\$454
	- Lake Michigan Shoreline Restoration for Critical Migratory Bird Stopover on Land Trust	R3FA	
	La Crosse National Fish and Wildlife Conservation Office		\$40
	- NFHAP Kickapoo DARE Habitat Improvement Project	R3UD	
	Necedah National Wildlife Refuge		\$500
	- Install Photo Voltaic Array on Visitor Center	R3CA	
	National Fish Hatchery AP Coordinator		\$24
	- MGLP NFHAP Large Woody Habitat Rehabilitation Project in the Northern Lakes and Forest Ecosystem Phase II	R3UE	
	Upper Mississippi River NWFR LaCrosse District		\$6,100
	- Eliminate expensive lease costs at an off-site location and provide an adequate base of operations for staff and volunteers, and an orientation point for visitors by constructing an energy efficient Headquarters/Administrative/Visitor Building	R3AF	
	Wisconsin Partners for Fish and Wildlife		\$215
	- Wetland revegetation and hydrologic improvement in the Lake Superior, northern Clay Plain, to benefit Coaster brook trout and waterfowl	R3ET	
	- SW Wisconsin Grassland, Prairie, and Oak Savanna Imprv.	R3EU	
Wisconsin Total			\$7,439
West Virginia	National Conservation Training Center		\$5,000
	- Obtain LEED EB Certification, upgrade existing building systems to reduce energy consumption, construct onsite sustainable energy systems.	R9VA	
	- Replace Central Plant Cooling Tower/Systems with new high efficiency Central Plant systems and fiberglass structures. Improvements will reduce energy consumption and reduce the amount of heavy metals that leach into NCTC effluent.	R9VB	
	- Reconstruct existing HVAC systems to reduce fuel oil and electrical consumption and allow for more efficient monitoring and controlling of the Center's numerous HVAC systems across the 400,000 s.f. campus.	R9VC	
	- Install water efficient and air-dry fixtures in the Center's two dozen public restroom facilities to reduce energy and water consumption.	R9VD	
	- Replace 226 guest room toilets with low-flow water efficient toilets. New toilets will reduce water use in dormitories by 25%.	R9VE	
	- Install a solar water heating system at the campus laundry which washes linens for the Center's 226 dorm rooms. This improvement will substantially reduce energy costs incurred by the laundry's current oil-fired water heating system.	R9VF	
	- Exterior Solar Powered Lighting--Installation of solar powered external lighting at NCTC will reduce electrical usage and contribute towards LEED certification	R9VG	
	- Replace 10 year old kitchen equipment with more energy efficient Energy Star kitchen equipment	R9VH	
	- Install lighting occupancy sensors in campus public facilities such as restrooms and classrooms. Improvement will contribute to LEED EB certification and reduce energy consumption.	R9VJ	
West Virginia Total			\$5,000
Wyoming	Cokeville Meadows National Wildlife Refuge		\$40
	- Rehab Water Management Structures	R6GN	
	National Elk Refuge		\$3,411
	- Construct irrigation systems and plant uplands to grasslands. Current winter feeding places elk at risk.	R6MB	
	- Replace Deteriorated Visitor Center Exhibits	R6BG	
	Saratoga National Fish Hatchery		\$800
	- Replace Deteriorated Hatchery Spring Water Supply Line [p/d/cc]	R6PH	
	Seedskaadee National Wildlife Refuge		\$1,906
	- Replace Residence #5	R6BK	
	- Replace 3 Residences and 1 Bunkhouse-mice infested	R6JG	



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
Wyoming Total			\$6,157
Multiple States	Region 1 Energy Efficiency Projects at Refuges	R1GB	\$4,187
	Region 1 Habitat Restoration Projects Employing Youth		\$455
	- Urban -- Employ 50 YCC enrollees at 12 field stations for two seasons	R1NA	
	- Urban -- Employ 5 SCA interns at 8 field stations	R1NB	
	- Urban -- Employ 4 AmeriCorps Students at 6 field stations for an avg. of 11 months per student	R1NC	
	- Rural -- Employ 35 YCC enrollees at 10 field stations for two seasons	R1ND	
	- Rural -- Employ 2 AmeriCorps Students at 2 field stations for an avg. of 11 months per student	R1NE	
	Region 2 Habitat Restoration Projects Employing Youth		\$615
	- Employ 11 YCC enrollees at 6 rural field stations	R2NA	
	- Employ 6 SCA interns at 8 rural field stations	R2NB	
	- Employ 8 other temporary hires at 12 rural field stations	R2NC	
	- Employ 18 YCC enrollees at 6 urban field stations	R2ND	
	- Employ 9 SCA interns at 8 urban field stations	R2NE	
	- Employ 20 other temporary hires at 20 urban field stations	R2NF	
	Region 2 Partners for Fish and Wildlife - Restoration of Native Ecosystems	R2EB	\$300
	Region 2 Partners for Fish and Wildlife - AZ, NM Invasive Species Control	R2EA	\$235
	Region 2 Partners for Fish and Wildlife - NM, TX, OK Lesser Prairie Chicken Restoration	R2EC	\$350
	Region 2 Partners for Fish and Wildlife - TX & OK Bottomland Hardwood Reforestation	R2EE	\$232
	Region 3 Habitat Restoration Projects Employing Youth		\$655
	- Employ 30 YCC enrollees at 20 urban field stations	R3NA	
	- Employ 30 YCC enrollees at 20 rural field stations	R3NB	
	- Employ 6 Conservation Interns at 12 urban field stations	R3NC	
	- Employ 10 Conservation Interns at 20 rural field stations	R3ND	
	- Employ 40 Student Temporary Employment (STEP) and other temporary youth hires at 30 urban field stations	R3NE	
	- Employ 10 Student Temporary Employment (STEP) and other temporary youth hires at 20 rural field stations	R3NF	
	Region 4 Habitat Restoration Projects Employing Youth		\$905
	- Employ 32 YCC enrollees at 10 urban field stations over 2 years	R4NA	
	- Employ 50 other temporary hires (STEP) at 40 urban field stations over 2 years	R4NB	
	- Employ 50 other temporary hires (STEP) at 40 rural field stations over 2 years	R4NC	
	Region 4 Energy Audits at Refuges	R4KH	\$570
	Region 4 Energy Efficiency Projects at Hatcheries	R4RD	\$10
	Region 5 Habitat Restoration Projects Employing Youth		\$657
	- Employ 25 YCC enrollees at 19 rural field stations	R5NA	
- Employ 13 SCA / Other interns at 15 rural field stations	R5NB		
- Employ 40 YCC enrollees at 14 urban field stations (located in SMSA)	R5NC		
- Employ 25 SCA / Other interns at 30 urban field stations (located in SMSA)	R5ND		
Region 5 Energy Efficiency Projects at Refuges		\$1,895	
- Implement Energy Efficiency -- Tier I	R5GY		
- Implement Energy Efficiency -- Tier II	R5GZ		
Region 6 Habitat Restoration Projects Employing Youth		\$703	
- Employ 10 SCA interns at 8 field stations	R6NA		
- Employ 15 Temporary youth hires at 20 field stations	R6NB		
- Employ 50 YCC enrollees at 20 Field stations	R6NC		
Region 6 Energy Efficiency Projects at Refuges	R6HZ	\$560	
Region 6 Geothermal, Photovoltaic and Wind Turbine Energy Projects at Refuges	R6JA	\$2,270	
Region 6 Tornado Shelters	R6HY	\$70	
Region 6 Partners for Fish and Wildlife Program -- Invasive Species Control	R6EA	\$550	
Region 6 Partners for Fish and Wildlife Program -- Prairie restoration and enhancement	R6EB	\$540	
Region 6 Partners for Fish and Wildlife Program -- River Restoration and Enhancement	R6EC	\$600	
Region 6 Partners for Fish and Wildlife Program -- Sage-brush Steppe Habitat Restoration and Enhancement	R6ED	\$20	
Region 7 Habitat Restoration Projects Employing Youth		\$605	
- Rural -- Employ 30 YCC enrollees at 6 field stations	R7NA		
- Rural -- Employ 9 SCA interns at 5 field stations	R7NB		
- Rural -- Employ 45 temporary hires at 14 field stations	R7NC		
Region 8 Habitat Restoration Projects Employing Youth		\$405	
- YCC Urban	R8NA		



U.S. Fish and Wildlife Service Projects Funded under the American Recovery and Reinvestment Act of 2009



State	Recovery Act Projects (by FWS Unit / Office)	FFS Project Number	Estimated Cost (in thousands)
	- YCC Non-Urban	R8NB	
	- SCA Urban	R8NC	
	- STEP & SCEP	R8ND	
	Region 8 Energy Audits and Efficiency Projects at Refuges	R8GQ	\$230
	Region 8 Energy Efficiency Projects at Refuges, Replacing HVAC Systems, Water Heaters, Freezers and Pumps		\$613
	- Replace inefficient HVACs & water heaters	R8GR	
	- Replace inefficient pumps & freezers	R8GT	
	Region 8 Photovoltaic Energy Projects at Refuges	R8CA	\$777
Multiple Total			\$19,009