



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



Project Information

State	Unit/Facility	Recovery Act Projects (by FWS Unit/Facility)	Project #
Alabama	Bon Secour NWR	Green energy project to replace HVAC systems, windows, doors, insulation, light fixtures, water heaters, and appliances	R4GL
		Repair Storm Damaged Pine Beach Trail	R4GK
	Daphne, Alabama ES Field Office	Restore Longleaf Pine Ecosystem on Private Lands Under America's Longleaf Partnership Initiative	R4ED
	Wheeler NWR	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	
Alaska	Alaska Maritime NWR	Remove Tank Adak Triplex 146C	R7GB
		Replace HAZMAT Building Adak	R7JE
		Replace Heating Oil Tank Adak Fourplex 145A	R7GA
		Replace Heating Oil Tank Adak Fourplex 145D	R7GC
		Replace Heating Oil Tank at Adak Triplex 146A	R7GE
		Restore habitats for nesting seabirds on isolated oceanic islands (via contract or temporary hires)	R7MA
		Alaska Peninsula NWR	Quarters #1(Naknek) Install Vertical Wind Turbine
	Quarters #2(Naknek) Install Vertical Wind Turbine		R7CL
	Headquarters & Quarters #5(HQ Duplex) Install Vertical Wind Turbine		R7CA
	Anchorage Fish and Wildlife Field Office	Early detection and eradication of Spotted Knapweed at the 10 known sites in Southcentral Alaska .	R7FA
		Early detection and rapid response to eradicate invasive plants across Alaska	R7EA
		Fish Passage Restoration on Little Su Tributary	R7EB
		Invasive Plant Control in Girdwood Wetlands	R7FB
		NFHAP WNTI FY09 - NFPP - Fish Passage Restoration on Eccles Creek at Whitshed Road, Cordova, Alaska - Replace 3 damaged culverts to restore access to salmon and coastal cutthroat habitat	R7TA
		NFPP - Fish Passage Restoration on Cottonwood Creek at Engstrom Road, Mat-Su Valley, Alaska - Replace damaged culvert to restore access to 1.5 miles and 50 acres of salmon spawning and rearing habitats	R7TB
		NFPP/NFHAP - MatSu FHP - Fish Passage Restoration on Wasilla Creek at Grantham Drive (Barrier # CC047), Alaska - Replace damaged culvert to restore fish access to 30 miles of spawning and rearing habitat	R7UA
		Salmon Rearing Habitat Restoration in Lynwood Park	R7FC
		Ship Creek Streambank Restoration	R7FD
		Arctic NWR	Remove Wrecked Aircraft, Drums & Trash South Slope
		Replace Avgas Fuel Tank at Galbraith Lake	R7GF
	Dillingham Administrative Site	Rehabilitate Four-Plex	R7GV
	Fairbanks Fish and Wildlife Field Office	Smallwood Creek Park Wetlands Restoration	R7EC
	Galena Administrative Site	Rehabilitate Float Dock & Retaining Wall Behind Qtrs #3	R7GW
	Innoko NWR	Reconstruct Residence Foundation (FAA House B-2)	R7GZ
		Reconstruct Residence Foundation (FAA House B-4)	R7GX
		Reconstruct Residence Utilities (FAA House B-4)	R7GY
	Izembek NWR	Bunkhouse Install Vertical Wind Turbine	R7CB
		Headquarters 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 NWR	Install renewable energy components in bunkhouse at Bettles	R7LB
		Install renewable energy components in residence at Bettles	R7LA
	Kenai Fish and Wildlife Field Office	Protect sensitive dune and tidal wetland habitat at the mouth of the Kenai river in Alaska.	R7EE
		Reed Canary Grass Eradication and Re-vegetation Project	R7ED
	Kenai NWR	Provide Solar Powered Panel for Water Pump - Skilak Wildlife Recreation Area	R7HG
		Rehabilitate Big Indian Creek Cabin	R7HD
		Rehabilitate Caribou Island Cabin	R7HB
		Rehabilitate Doroshin Bay Cabin	R7HC
		Rehabilitate Waysides and Spurs at Rainbow Lake	R7BE
		Repair HQ/Shop/Bunkhouse Security Gates	R7HE
		Replace Flammable Materials Storage Building	R7HA
		Skilak Mechanical & Prescribed Fire Vegetation Treatment	R7MD
		Visitor Center Replace HVAC System & Controls	R7BD
		King Salmon AS	Rehabilitate Floors (Q154)
	Rehabilitate Floors and Cabinets (Q26)		R7HW
	Replace Flooring in Quarters 146		R7HR
	Replace Floors and Cabinets (Q27)		R7HX
	Replace kitchen cabinets and counter tops in Residence 28		R7HM
	Replace kitchen cabinets and counter tops in Residence 29		R7HN
	Replace wood decks Quarters 26		R7HL
	Replace wood decks Quarters 27		R7HH
	Replace wood decks Quarters 28	R7HK	
Kodiak Office	Repair Headquarter's Office Road System & Parking Lots	R7JA	
	Replace HQ Annex Fuel Oil Tank	R7HZ	



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	Kotzebue Administrative Site	Replace Main/Shop Exhaust System	R7HY	
		Replace the Four Spring-Track Doors to Maintenance Shop Building	R7JB	
		Rehabilitate Residence #480 Entry Way	R7JC	
		Rehabilitate Residence Foundation #480	R7BF	
		McGrath Administrative Site	Renovate Snow House Utility Room	R7BG
		Togiak NWR	Replace Hot Water Heater at Hangar with Solar Powered Model	R7JD
	Yukon Delta NWR	Replace Old Chevak HQ Building	R7LC	
Arizona	Alchesay NFH	Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances.	R2PE	
		Rehabilitate A bank raceways--sandblast and epoxy	R2PC	
		Rehabilitate B bank raceways--sandblast and epoxy	R2PD	
		Rehabilitate Electrical System of Aboveground Fuel Tanks	R2PA	
		Rehabilitate the electrical system of the paint and oil storage building	R2PB	
		Replace asphalt pavement and water lines at tank house & A bank raceways	R2PF	
	Arizona FWCO	Gila Trout Restoration in the Pinalen Mountain Streams: Ash, Frye, and Marijilda Creeks	R2UA	
	Buenos Aires NWR	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 NWR	Renewable Energy - Solar Photovoltaic projects on buildings	R2CD	
	Havasu NWR	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 NWR	Renewable Energy - Solar Photovoltaic projects on buildings	R2CE	
	San Bernardino NWR	Replace approximately 11 miles of deteriorated fencing.	R2GY	
	Williams Creek NFH	Install a chain-link apron barrier around the fence perimeter and install bird netting across the pond	R2QQ	
		Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances.	R2QT	
		Rehabilitate B bank raceways--construction phase	R2QP	
		Rehabilitate E Bank Raceways	R2QR	
		Repair flume & install safety fence	R2RE	
		Rehab D bank raceways	R2RJ	
	Willow Beach NFH	Rehab A bank raceways--construction phase	R2RK	
		Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weatherstrip leaks; replace windows; and replace appliances.	R2QW	
Install a 2.5 KW PV solar system to assist in reducing the high cost of power for the facility.		R2QX		
Rehab Hatchery and Shop - reinforce masonry and roof to meet seismic requirements		R2QU		
		Replace the Electrical System at Raceways A3 to A10	R2QV	
		Replace the Septic Line with PVC	R2QY	
Arkansas	Bald Knob NWR	Construct new Visitor Contact Station	R4LA	
		Replace eroded and rusted out steel culverts and water control structures under the Squirrel Woods East Road.	R4GE	
	Big Lake NWR	Repair Damaged Retaining Wall	R4GH	
		Replace deteriorated Big Lake NWR Headquarters Building	R4GG	
		Replace old damaged Big Lake NWR shop/equipment storage/pole shed	R4KT	
	Cache River NWR	Rehabilitate worn Bank of Brinkley boat ramp and parking area.	R4GP	
	Dale Hollow FWMAO	NFHAP: Beaver Tailrace Habitat Improvement Project (AR)	R4UB	
		NFHAP: Large Woody Debris Habitat Improvement in streams within Bearcat Hollow (AR)	R4UA	
		NFHAP: Upper Brock Creek Lake Restoration (AR)	R4UF	
		NFPP: Remove and replace low-water crossing (vented ford) on Fanes Creek (AR)	R4TC	
		NFPP: Remove Low-Water Bridge on Crooked Creek (AR) - Barrier to Fish Migration on a Ozark Stream	R4TA	
	Felsenthal NWR	Repair Worn FHWA Route 109 Bolding House Road	R4HE	
	Greers Ferry NFH	Conduct feasibility study for microturbine installation	R4DA	
		Replace HVAC System	R4PH	
	Mammoth Spring NFH	Construct Visitor Center	R4RB	
		Repair Culture Building 2008 Flood Damages	R4PJ	
		Replace HVAC System	R4PK	
	Pond Creek NWR	Rehabilitate damaged dirt road that goes to the Jace Lake boat ramp and parking lot.	R4JN	
		Rehabilitate damaged dirt road that goes to the Little River boat ramp and parking lot	R4JM	
		Rehabilitate deteriorated Burkes Slough Gravel Road - FHWA Route 011.	R4JL	
Wapanocca NWR	Replace Visitor Center for Energy Efficiency	R4KL		
	Repair Overgrown Levee 5 Water Control Structure	R4KK		
	Replace Corroded and Collapsed Ditch 13 Water Control Structure	R4BL		
	Restore wetlands and riparian habitats within Wapanocca Lake watershed.	R4MK		
White River NWR	Rehabilitate leaking Pond 4 earthen dam that is severely eroded by years of beaver digging and weather.	R4KQ		
	Rehabilitate Worn FHWA Route 010.	R4KN		
	Repair damaged metal siding, roof and wood walkway door.	R4KR		
California	Arcata FWO	Humboldt Bay Dunes Invasive Plant Eradication Project	R8FB	
		Humboldt Bay/Eel River Dwarf Eelgrass eradication	R8FC	



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California	California-Nevada Fish Health Center	Strawberry Creek Riparian Restoration Project	R8FA
		Install insulation in Admin bldg and laboratory	R8PA
		Install shade awnings and reflective film on windows	R8PC
		Replace HVAC Unit	R8PB
	Carlsbad Fish and Wildlife Office	Catalina Island Coastal and Maritime Habitat Restoration	R8FD
	Don Edwards San Francisco Bay NWR	Administrative Office Remodel	R8LA
		Replace 2025-foot Mayhews Unit boundary fence at SF Bay NWR	R8GC
	Humboldt Bay NWR	Rehabilitate the White Slough Tidegate	R8GD
	Kern NWR	Rehabilitate Water Control Structure at Kern NWR	R8GF
		Repair office flooring, electrical and tile at Kern NWR Headquarters	R8GE
	Lower Klamath NWR	Rehabilitate 2.8-mile Unit 10B, 11A2 Admin Road at Lower Klamath NWR	R8GM
		Replace deteriorated water control structure 9B-1H at Lower Klamath NWR	R8GH
		Replace nonfunctional water control structure 3B-4H and 30 feet of pipe at Lower Klamath NWR	R8GJ
		Replace nonfunctional water control structure 3B-5H and 30 feet of pipe at Lower Klamath NWR	R8GK
		Replace water control structure 4C-3H and 40 feet of pipe at Lower Klamath NWR	R8GL
	Merced NWR	Repair Deadman Creek Canal at Merced NWR	R8GN
	Modoc NWR	Replace maintenance shop	R8BA
		Replace quarters	R8GP
	Red Bluff FWO	Big Bear Flats stream habitat restoration to benefit the endangered Shasta crayfish, Willow Flycatcher and Pacific fisher.	R8EB
	Sacramento FWO	Cloverdale Ranch Restoration	R8FE
	Sacramento NWR	Demolish and Replace seismically unsafe shop bldg	R8GV
	Sacramento River NWR	Replace 7,200 square foot storage building	R8GW
	Salinas River NWR	Repair 4,500-foot boundary fence and Salinas River entrance gate	R8GX
	San Diego Bay NWR	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 NWR	Repair drainage channels parallel to Millar Ranch Road, San Diego NWR	R8BD
		Replace 2.25 miles of fencing and boundary signage at San Diego NWR Complex	R8BC
	San Luis NWR	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 to gain cost efficiencies.	R8AF
		Rehabilitate 2-mile A-canal extension gravel road at San Luis NWR	R8GY
	Stone Lakes NWR	Construct 4,000 foot concrete trail	R8LB
	Tehama-Colusa Fish Facility	Install exterior drainage alongside Admin building	R8RA
		Install ventilators in Warehouse Roof	R8PH
Repair of damaged exterior building walls		R8PF	
Replace aging garage roll-up doors with insulated doors		R8PJ	
Replace aging inefficient A/C		R8PK	
	Replace aging, inefficient modular trailer office space with modern, energy efficient office space	R8PG	
Tule Lake NWR	Walking Wetlands Restoration	R8MA	
Ventura FWO	Barrier removal in Central California to benefit threatened steelhead and Coho salmon.	R8FF	
Yreka FWO	Middle Klamath River Tributary Fish Passage	R8TC	
Colorado	Alamosa NWR	Rehabilitate / Retrofit Office Heating System with Geothermal System and Install Photovoltaic and Wind Turbine Systems.	R6GD
		Replace non-functional New Ditch Dam to enhance water management capability for wetlands and marshes on the refuge.	R6GA
		Replace Storage Building	R6BA
		Replace Storage Building	R6GB
		Replace Storage Building	R6GC
	Arapaho NWR	Rehabilitate Hackley Tract 4-Strand Interior Fence	R6GE
	Baca NWR	Rehabilitate / Retrofit Office Heating System with Geothermal System and Install Photovoltaic and Wind Turbine Systems.	R6GH
		Replace East Baca Boundary Fence	R6GG
	Browns Park NWR	Replace 4 Pumps and Pump sites.	R6BC
	Colorado River Fish Recovery Program-GJ	Hire private contractor to remove Hartland Diversion dam on the Gunnison R, CO for 20 mi of 3 spp habitats.	R6TA
		Hire private contractor to remove Hartland Diversion dam on the Gunnison R, CO for 20 mi of 3 spp habitats.	R6UA
	Hotchkiss NFH	Install New Weatherport Cover Over New Raceways	R6RA
		Replace effluent ponds with new raceways, re-line settling ponds	R6PG
	Monte Vista NWR	Rehabilitate / Retrofit Office Heating System with Geothermal System and Install Photovoltaic and Wind Turbine Systems	R6HM
Rocky Mountain Arsenal NWR	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. Over half of cost to come from collaborative effort with DOD.	R6AA	
	Replace 9TH Avenue & First Creek Crossing	R6JB	
	Replace Section 10 Chain Link Fence	R6BJ	



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Connecticut	Stewart B McKinney NWR	Construct pedestrian railings on three island walkways along the seawall	R5HB
Delaware	Bombay Hook NWR	Rehabilitate Foot Trail-Phase II (cc)	R5GC
Florida	Arthur R. Marshall Loxahatchee NWR	Rehabilitate Damaged Maintenance Shop	R4GC
		Rehabilitate the fuel depot which has a missing emergency cutoff switch for the fuel pumps.	R4GB
		Remove invasive animals and vegetation and replace it with native vegetation using State and County money in partnership with the Federal funds (via contract or temporary hires).	R4MA
	Chassahowitzka NWR	Repair damaged, leaking windows and faulty GFI outlet at Quarters 6.	R4GD
		Repair Damaged Pole Barn	R4GV
		Repair weathered 5-acre whooping crane pen observation blind and associated facilities	R4GU
	Florida Panther NWR	Restore pine uplands and wet prairie habitats by removing invasive cabbage palms on 1,900 acres	R4MC
	Jacksonville, Florida ES Field Office	Florida Sandhills Longleaf Pine Restoration/Enhancement on Private Lands	R4EE
	Lower Suwannee NWR	Install solar photovoltaic array system on the Refuge Maintenance Shop and replace HVAC system.	R4CA
		Rehabilitate Worn Graveled Maintenance Yard Parking Area	R4HM
		Repair Worn and Replace Missing Boundary Signs	R4HL
	Merritt Island NWR	Construct a small administrative office based on the Refuge standard small office design.	R4LC
		Rehabilitate eroded and overgrown T-10-J dike.	R4HP
		Restore Habitat for Endangered Scrub Jay.	R4MD
		Restore Habitat for Endangered Scrub Jay, Phase 2.	R4ME
	National Key Deer Refuge	Contract to inventory and monitor plant and animal populations critical to ensuring the biological integrity of the Florida Keys National Wildlife Refuge Complex.	R4MF
		Replace worn/deteriorated bulk fuel tanks (two 1000 gal tanks - gasoline) at Administrative/Operations facility	R4HV
	Panama City, Coastal Program Office	Tarkiln Bayou Wetland Restoration and Enhancement	R4FB
		Topsail Hill Preserve State Park Restoration and Enhancement Project	R4FC
South Florida Coastal Program Office	Pine Rockland and Other Invasive Species Control Initiative	R4FD	
	South Florida Marsh and Mangrove Swamp Restoration/Enhancement	R4FE	
St Marks NWR	Repair Weathered 90' Accessible Boat Dock	R4JZ	
	Replace Deteriorated Salt Water Boat Ramp	R4BK	
	Replace Environmental Education building 4000 sq. ft. building with wet and dry labs; one classroom with a storage room, ADA compliant	R4KA	
Welaka NFH	Rehabilitate Deteriorated Visitor Contact Station - Sustained Additional Damage 03/28/2009	R4QE	
	Replace HVAC System	R4QF	
Georgia	Athens, GA ES Field Office; Brunswick, GA Sub Office	South Georgia Longleaf Pine Restoration/Enhancement on Private Lands	R4EB
	Blackbeard NWR	Removal of 800 linear feet of levee on the north end of North pond to allow the pond to return to a salt marsh	R4GJ
	Harris Neck NWR	Repair damaged and rotting Crabbers Dock - Barbor River Watermans Association dock.	R4HF
	Okfenokee NWR	Rehabilitate Worn, Eroded Concrete Bridge #9.	R4HY
		Restoration of Public Access and the Natural Flow of the Suwannee River	R4HZ
	Panama City FRO	NFHAP: Bovine Spring Restoration Project for Striped Bass Recovery	R4UD
	Piedmont NWR	Update Utilities	R4JG
	Savannah NWR	Dredge Ditch	R4JV
		Replace Water Control Structure in Impoundment #2	R4JU
	Warm Springs NFH	Install a 10 kW solar PV system for the fish health, tech center lab building	R4DB
Replace Electrical Meters for 10 Buildings		R4QD	
Replace HVAC system		R4QL	
Hawaii	Hakalau Forest NWR	Replace 4400 square foot Pua Akala barn with storage/maintenance building	R1BC
	Hawaiian Islands NWR	Replace Housing and First Storage Unit at Laysan Island	R1GD
		Replace Photovoltaic System at Laysan Island	R1GC
	Kealia Pond NWR	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. Previous building was destroyed by fire.	R1AA
	Pacific Islands Coastal Program	Cattle and Predator Control Fencing Around Nu'u Wetland on Maui	R1FD
		Lehua Island Native Habitat Restoration	R1FB
Mokio Coastal Strand Restoration on Molokai		R1FC	
Idaho	Camas NWR	Repair Quarters 2	R1BA
	Idaho FRO	Prevent entrainment of Bonneville cutthroat trout on the Upper Cub River, Idaho.	R1UB
	Idaho FWO	Crystal Creek Ranch Stream and Wetland Restoration Project	R1EA
	Kooskia NFH	Repair weir and retaining wall	R1PM
		Rehabilitate Water Recirculation System	R1PL
Illinois	Carterville NFWCO	NFPP: Phase I - Ferson-Otter Creek Dam Removal/Modification Project, Fox River Watershed, Illinois	R3TC
	Chautauqua NWR	Chautauqua Lake Perimeter Levee Repair	R3GG
	Illinois Partners for Fish and Wildlife	Pecatonica River Floodplain Wetland Habitat	R3EA
	Two Rivers NWR	Gilbert Lake Outlet Ditch Cleanout	R3GW



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Indiana	Indiana Partners for Fish and Wildlife	Grand Kankakee Wetland and Upland Restoration	R3EC
		Invasive species removal on priority habitats that benefit listed and at-risk species.	R3EE
		Red-tail Conservancy Floodplain Restoration	R3EB
		Wabash River Oak Woodland Restoration	R3ED
Iowa	DeSoto NWR	Incandescent Light Fixture Replacement	R3GK
		Visitor Center Halon Fire Suppression System Replacement	R3GJ
		Visitor Center Window Replacement for Energy Conservation	R3GH
	Iowa Partners for Fish and Wildlife	Topeka Shiner Oxbow Restoration in N. Raccoon River Watershed.	R3EF
Upper Mississippi NWR	Repair Erosion on Guttenburg Moist Soil Unit Dikes	R3BC	
Kansas	Kirwin NWR	Remove Debris from Unit 25	R6HE
		Rehabilitate Accessible Trail	R6HT
	Quivira NWR	Rehabilitate Bridges	R6HQ
		Rehabilitate Office /Visitor Center	R6BH
		Replace RCD WCD - flood damage	R6HP
		Replace spillways at Wetland Units 25 & 26 - 100% designed.	R6HR
Kentucky	Ohio River Islands NWR	Data Gathering and Evaluation on Island Erosion	R5BC
	Reelfoot NWR	Repair Rotting Wooden Long Point Observation Tower.	R4JP
	Wolf Creek NFH	Repair hatchery building lighting and replace doors	R4QG
Louisiana	Big Branch Marsh NWR	Replace energy in-efficient windows, and doors, seal air leaks on others and install energy efficient treatments on three primary buildings	R4GF
		Visitor Center Exhibits - Big Branch Marsh	R4LD
	Grand Cote NWR	Construct Pole Shed	R4LB
	Natchitoches NFH	Replace Electric Meters on Six Buildings	R4PL
		Replace HVAC system	R4QK
Upper Ouachita NWR	Demolish 17 Miles of Levee to Restore Habitat	R4KG	
Maine	Craig Brook NFH	Rehab for safety compliance by installing new personnel doors	R5PD
		Replace Roof on Receiving Building	R5PC
		Replace the existing outdated water treatment plant generator.	R5PE
	Green Lake NFH	Rehab highly inefficient UV disinfection system	R5PH
		Replace Eight highly inefficient Modine heaters in tank room	R5QB
		Replace the facility's fish production water alarm system	R5PF
		Replace Translucent Kal-wall panels	R5PG
	Maine FRO	Restore aquatic connectivity within GOM DPS Atlantic Salmon Rivers- NFPP, NFHAP and EBTJV. Restoring Fish Passage & Stream Processes in Old Stream, Maine- NFHAP, NFPP & EBTJV	R5TH R5TE
	Moosehorn NWR	Replace L Goodall Health Water Control Structure	R5GP
	Rachel Carson NWR	Rehabilitate Hiking Trail	R5GW
		Remove and Replace Seasonal Housing, including installation of a geothermal heat pump	R5BG
	Replace Carson Trail Observation - Replace Observation Platform	R5GV	
Maryland	Eastern Neck NWR	Replace Entrance Road Culverts	R5GF
	Patuxent Research Refuge	Rehabilitate infrastructure associated with Patuxent Facilities Modernization Plan; to be cost shared with \$9 million amount from US Geological Survey. Planning and design work, demolish Stickell Hall, construct 1 residence.	R5BD
		Replace Airport/Stables Gate for National Security	R5GT
		Replace Bald Eagle Gate for National Security	R5GR
		Replace Lake Allen Gate for National Security	R5GU
		Replace National Wildlife Visitor Center Gate for National Security	R5GQ
		Replace Quarters 147 with Modular	R5BE
		Replace Six (6) Gates at Perimeter Fence for National Security	R5BF
Massachusetts	Assabet NWR	Complete construction of Eastern Massachusetts Complex Headquarter/VC	R5LA
	Berkshire Trout Hatchery	Replace inefficient and obsolete fluorescent fixtures and windows in hatchery building	R5QA
		Replace the facility's fish production water alarm system	R5PB
	Monomoy NWR	Rehabilitate Cultural Heritage Improvement of Monomoy Lighthouse	R5BB
	North Attleboro NFH	Connect existing water supply well to hatchery infrastructure	R5RA
		Rehabilitate Brood Fish Pool D	R5QH
		Rehabilitate Fish Production Pool #2	R5QD
		Rehabilitate Fish Production Pool #3	R5QE
		Rehabilitate Fish Production Pool #7	R5QF
		Rehabilitate Fish Production Pool #8	R5QG
		Rehabilitate fish rearing pond #5 for use in fish culture	R5QJ
		Rehabilitate fish rearing pond #6 for use in fish culture	R5QK
		Rehabilitate fish rearing pond #7 for use in fish culture	R5QL
	Richard Cronin National Salmon Station	Replace Main Water Storage Tank	R5PU
		Replace the facility's fish production water alarm system	R5PV



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Michigan	Alpena NFWCO	NFPP Chesaning Dam Removal and Rock Ramp in Chesaning, MI on the Shiawassee River	R3TA
	Green Bay NFWCO	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 NFH	Planning and design for raceway cover	R3PF
		Construct Building over Raceways 1-8	R3PB
		Replace Jordan River's Effluent Treatment	R3PA
		Replace propane fired boiler system with energy efficient geothermal heating system.	R3PC
	Michigan Partners for Fish and Wildlife	Hydrologic restoration in degraded wetlands in the western Lake Erie watershed for migratory birds and waterfowl.	R3EL
		Hydrologic restoration of degraded wetlands in the Lake Huron/Saginaw Bay watershed for migratory birds and waterfowl.	R3EK
		Improve Copperbelly Watersnake Habitat	R3EG
		Lake Michigan Watershed Wetland Restoration	R3EJ
	Pendills Creek NFH	Southern Michigan Prairie revegetation and hydrological restoration to restore historic prairie habitat for migratory birds.	R3EH
		Energy Efficiency T-8 Lights and Ballasts, Compact Fluorescent Bulbs, Pendills Creek NFH Building/Production	R3PE
Filtration Building Rehab Traveling Screen		R3PG	
Seney NWR	Replace Old Self Contained Fish Food Freezer with new Energy Efficient Self Contained Freezer, Sullivan Creek NFH	R3PD	
	Replace Deteriorated C2 to M2 Water Control Structure	R3GR	
	Replace deteriorated Upper Goose Pen Water Control Structure	R3GQ	
Minnesota	Agassiz NWR	Repair Erosion on Ditch 11 Embankment Slopes	R3GA
		Shop Solar Heating System Repairs	R3GC
		Water Management Ditch Rehabilitation	R3GB
	Detroit Lakes WMD	Building Envelope and HVAC Improvements	R3GL
	Minnesota Partners for Fish and Wildlife	Northern Tallgrass Prairie Invasive Species Control	R3EN
		Northern Tallgrass Prairie Wetland Restoration	R3EM
	Minnesota Valley NWR	Minnesota Valley Sand Creek Trail Bridge Replacement	R3GP
		Rehabilitate Loading Dock	R3GN
	Sherburne NWR	Headquarters Building Energy Retrofit	R3LA
		Installation of Snow Guards and Gutters	R3GT
Mississippi	Dahomey NWR	Maintenance equipment shed; Replace BLDG DAH 300 sq. ft metal storage	R4HC
	Lower Mississippi River Coordinator	NFHAP: Restoration of Natural Water Levels in Rosedale Lake (MS)	R4UG
	Morgan Brake NWR	Rehabilitate Damaged and Worn Informational Kiosk	R4HU
		Rehabilitate Four Overgrown Levees	R4HR
		Rehabilitate Twelve Overgrown Levee Ponds	R4HT
	Panther Swamp NWR	Replace damaged and leaking concrete culvert under Dummy-Line road.	R4JA
		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 NFH	Construct New Well	R4RC
		Rehabilitate Deteriorated Kettle 56.	R4PV
		Rehabilitate Deteriorated Kettle 60.	R4PQ
		Rehabilitate Deteriorated Kettle 63.	R4PR
		Rehabilitate Deteriorated Kettle 64.	R4PT
		Rehabilitate Deteriorated Kettle 65.	R4PU
		Rehabilitate Deteriorated Kettle in Pond 10	R4PY
		Rehabilitate Deteriorated Kettle in Pond 8a	R4PW
		Rehabilitate Deteriorated Kettle in Pond 9	R4PX
		Remove and replace degraded ceiling boards on historic residence that are at risk of falling. Historic residence is used to host many outreach events.	R4PZ
		Replace existing rotten, cracked and warped siding	R4QB
	Replace office building and add visitor contact station to new building	R4QA	
Teddy Roosevelt NWR Complex	Greening the new Yazoo & Panther NWR HQ.	R4CB	
	Rehabilitate 70 linear feet of interlocking bulkhead, replace seven water control structures, install four 16-inch wells, and install eight water control structures.	R4MJ	
Missouri	Columbia NFWCO	NFPP: Replace CR K-143 crossing over Niangua River to benefit threatened Niangua darter	R3TD
		NFHAP: Southeast Aquatic Resources Partnership - Lower Bourbeuse Aquatic Conservation Area (LBACA) Landowner Partnership Phase I	R3UC
	Great River NWR	Replace Deficient WCS at Swan Lake / Sny Outlet	R3BB
	Mingo NWR	Designs for Visitor Center Energy Renovation	R3AA
		Replace Office Visitor Center for Energy and Accessibility	R3GM
	Missouri Partners for Fish and Wildlife	Tavern Creek Riparian Corridor Restoration for Niangua Darter	R3EP
	Neosho NFH	Add LEEDS and Photovoltaic to Visitor Facility	R3RA
		Install Solar Water Heating Systems for Pallid Sturgeon Buildings Tier 3	R3DB
Squaw Creek NWR	Preliminary Designs to Replace the Radial Gate Structure	R3GU	



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State	Unit/Facility	Recovery Act Projects (by FWS Unit/Facility)	Project #
Montana	Bowdoin WMD	Repair Bruce's Wetland Leak	R6GJ
		Repair Water Delivery Canals	R6GK
	Creston NFH	Rehabilitate Hatchery Building	R6PJ
		Replace old windows in Hatchery Building.	R6PA
	Ennis NFH	Install photo voltaic system to generate 75% of station's electricity use.	R6DA
	Hailstone NWR	Remediate Salinity Contamination Pre-Design of Hailstone Reservoir	R6MA
	Lee Metcalf NWR	Replace Staff Quarters	R6BE
	Lost Trail NWR	Replace Residence 1 Siding	R6HJ
	Medicine Lake NWR	Replace 10 Miles of Interior Fence	R6HL
	National Bison Range	Replace Failed Mission Creek West Bridge	R6HN
Red Rock Lakes NWR	Repair Shop Building	R6HW	
	Replace Elk Lake Road kiosk and interpretive panels	R6HX	
	Replace Sparrow Pond Trail Bridge	R6HV	
Nebraska	Boyer Chute NWR	Shop Building Energy Conservation & Geothermal Conversion	R3GE
	Crescent Lake NWR	Rehabilitate Main Shop Building	R6GP
	Fort Niobrara NWR	Replace West and South Boundary Bison Fence	R6GZ
	Rainwater Basin WMD	Replace Massie WPA Well Pump and Engine	R6HU
	Valentine NWR	Repair Water Control Structure	R6JL
Nevada	Lahontan NFH	Rehab Water Well Pumps for Fish Production	R8PD
		WNTI McDermitt Creek Fish Migration Barrier to Protect a LCT population in McDermitt Creek Subbasin	R8UB
	Marble Bluff Fish Facility	Provide ADA Compliant Restrooms	R8PE
	Nevada FWO	Restoring Sage Grouse Habitat in the Great Basin of Nevada	R8EA
	Pahrnanagat NWR	Replace 12.5 miles of Pahrnanagat NWR east boundary fence	R8BB
	Ruby Lake NWR	Replace maintenance shop	R8GU
Sheldon NWR	Tier 2 and Tier 3 Energy Efficiency and Renewable Energy Projects at Sheldon-Hart Mountain Complex	R1GL	
New Hampshire	Connecticut River Coordinators Office	Warren Brook & Cold River Salmonid Habitat Restoration, Alstead, NH NFHAP	R5UB
	Lake Umbagog NWR	Remove Beane Cabin	R5GM
		Remove Bickford Camp	R5GN
		Remove Oulette Cabin	R5GK
		Conduct asbestos survey and photo documentation for future removal of Oulette Camp	R5GL
Nashua NFH	Replace stand-by 110 KVA diesel generator	R5PQ	
	Replace the facility's fish production water alarm system	R5PP	
New England Ecological Services Field Office	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	
New Jersey	E.B. Forsythe NWR	Remove Forked River Game Farm Facilities and return to native habitat	R5GE
	Great Swamp NWR	Complete construction of Helen C. Fenske Visitor Center	R5LB
		Remove Quarters #99	R5GJ
		Replace Pleasant Plains Road Automatic Gate (South Gate)	R5GH
		Replace Water Control Structure #14	R5GG
New Mexico	Bitter Lake NWR	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. Remove non-native vegetation from the Pecos River including the North Unit area.	R2MA
	Bosque del Apache NWR	Rehabilitate hiking trails to provide a smoother, safer walking surface.	R2GB
		Renewable Energy - Solar Photovoltaic projects on buildings	R2CA
	Dexter NFHTC	Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weather-strip leaks; replace windows; and replace appliances.	R2PJ
		Renew Well and Pumping Station 3	R2PL
		Replace Polypropylene Liner in Ponds 5,6, and 7C	R2PG
		Replace Pond 1A Kettle	R2PK
		Replace Valves at Ponds 2D to 25D	R2PH
	Las Vegas NWR	Rehabilitate/repair valves, couplers, and PVC irrigation	R2GH
		Replace 4 miles of Barbed Wire Fence	R2GJ
	Mora NFHTC	Construct an air conditioning system for Office/Lab Building	R2PR
		Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weather-strip leaks; replace windows; and replace appliances.	R2PU
		Rehabilitate Water Storage Tank	R2PQ
		Replace ozone disinfection system with UV system on reuse system #1	R2PV
	New Mexico FWCO	Equipment purchases to support ARRA projects	R2UC
	Sevilleta NWR	Rehabilitate and reconstruct sections of Montosa Road and junctions.	R2BC
Rehabilitate, regrade and gravel approximately 35 miles of gravel roads		R2HB	
Renewable Energy - Solar Photovoltaic projects on buildings		R2CH	
Replace damaged and/or outdated refuge boundary fence signs and boundary gates.		R2HA	
Replace dilapidated sections of a 60 mile wooden-post fence.		R2BB	



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New York	Lake Champlain FWRO	Warren County fish passage in the Lake George watershed in a variety of stream types NFHAP	R5TD
	Long Island NWR	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. Staff currently scattered in small inadequate space and visitor orientation options very limited.	R5BA
	Shawangunk Grasslands NWR	Restore Wetlands by Removing Runways and Taxiways.	R5HA
North Carolina	Asheville, NC ES Field Office	North Carolina Strategic Stream/Riparian and Bog Restoration/Enhancement on Private Lands	R4EA
	Edenton NFH	Replace clogged / broken drain line for ponds	R4QH
		Replace HVAC System and improve energy efficiency of the building	R4PE
	Mattamuskeet NWR	Rehabilitate Silted Canal.	R4BE
		Replace 3 Pumping Stations for Moist Soil Units to manage water on three impoundments totaling 853 acres.	R4HN
		Replace Deteriorating Metal Storage Building	R4BD
	North Carolina Coastal Plain Complex	Restore Wetland and Water Management Capabilities	R4MG
	Pea Island NWR and Alligator River NWR	Establish an adequate on-refuge 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.	R4AA
Pocosin Lakes NWR	Repair the Pungo Lake Banding Site.	R4JH	
North Dakota	Arrowwood NWR	Construct standard design HQ office to replace building in floodplain.	R6JM
	Audubon NWR	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 design to gain cost efficiencies.	R6BB
		Replace Fuel Tanks and Pumps	R6GF
	Des Lacs NWR	Replace Water Control Structure and Bridge	R6GQ
	Devils Lake WMD	Design of Billings Lake Main Dikes replacement	R6GR
	Garrison Dam NFH	Replace 9 clay fish production pond liners with polypropylene-type liners to stop leakage, conserve water, and increase natural solar heating.	R6PC
	Long Lake NWR	Replace refuge signs	R6HG
	Sullys Hill NGP	Rehabilitate Trail	R6JJ
		Repair Geothermal Well Field	R6JH
	Tewaukon NWR	Repair Dike and WCS	R6JK
Ohio	Carterville NFWCO	NFHAP: Big Darby Creek Watershed Restoration in the Ohio River Basin	R3UB
	Cedar Point NWR	Cleanout Drainage Ditch.	R3GF
		South Boundary Dike Erosion Repair	R3BA
	Ohio Partners for Fish and Wildlife	Beaver Farm Prairie and Wetland Restoration	R3ER
		Invasive species removal in western Ohio Oak Savanna habitat for the listed endangered Indiana bat.	R3EQ
Ottawa NWR	Install Photo Voltaic Array on Visitor Center	R3CB	
Oklahoma	Deep Fork NWR	Construct New Administrative Facility	R2AF
	Salt Plains NWR	Replace 15 trail interpretative signs that have been damaged from flooding and exposure to the sun.	R2GW
	Sequoyah NWR	Replace existing water control structures at Slippery Ann Slough.	R2GZ
	Tishomingo NFH	Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weather-strip leaks; replace windows; and replace appliances.	R2QD
		Rehabilitate Feed Storage Building	R2QE
		Rehabilitate Pond 1F and Install Liner	R2QC
		Rehabilitate Ponds 2E & 3E--Combine and Install Liner	R2QB
	Tishomingo NWR	Rehabilitate Nida Point Road by Regraveling Road Surface	R2HC
		Repair entrance road, parking area, and boat ramp at Rock Creek.	R2HD
Wichita Mountains	Rehabilitate the fire office building to include updating the heating/air unit.	R2HE	
Oregon	Bandon Marsh NWR	Construct power line under Bandon Marsh tidal marsh habitat restoration area	R1LA
	Columbia River FPO	Install Fish Passage and Screens at Three Diversions on Eagle Creek (Powder River) in Northeast Oregon	R1UA
	Eagle Creek NFH	Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weather-strip leaks; replace windows; and replace appliances.	R1PK
		Replace Walkways	R1PJ
	Klamath Falls FWO	Chocktoot Delta Restoration	R8TA
		Fish Passage at 5 Mile Creek	R8TB
	Malheur NWR	Rehabilitate 2.8 miles of Unit 8 water delivery system	R1BG
		Rehabilitate Page Spring Dam	R1BF
		Replace dam at New Buckaroo site to comply with fish passage laws	R1BH
		Replace fish passage/screens at Grain Camp, Busse, Sodhouse, and Dunn Dams	R1GF
	Oregon Coastal Program	Miami Wetlands Restoration Implementation in Tillamook Bay	R1FA
Tualatin River NWR	Replace Drain Line at Dennis Pond	R1GN	
Umatilla NWR	Replace Water Pipeline on McCormack Unit	R1GQ	
Warm Springs NFH	Rehabilitate Water Pumps/Motors	R1QA	
Pennsylvania	Allegheny NFH	Replace Existing Aeration and Degassing Tower	R5PA



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	Lamar NFH and Northeast Fishery Center	Rehabilitate hatchery building - hatchery raceways/tanks, water delivery system, roof, restrooms for ADA compliance	R5PN
Puerto Rico	Cabo Rojo NWR	Rehabilitate unposted 3 mile interpretive trail that begins at the Interpretive Center.	R4GN
		Repair damaged water control structures used to manage water levels in Cabo Rojo salt flats.	R4BA
		Replace worn and leaning shade houses for plant propagation.	R4GM
	Laguna Cartagena NWR	Repair leaking system of earthen dikes that provide refuge access and influx of water to refuge lagoon. Replace Damaged Refuge Boundary Fence	R4HJ R4HK
Rhode Island	Southern New England Estuary Project	Barrier Beach Restoration on Long Beach West	R5FA
South Carolina	Bears Bluff NFH	Install a heat pump to increase water temperature for cobia spawning cycle manipulation	R4RA
		Rehabilitate Deteriorated/Unusable Pond 5	R4PA
		Rehabilitate Deteriorated/Unusable Pond 6	R4PB
		Replace HVAC System	R4PC
	Cape Romain NWR	Restore interior impoundments through the replacement and installation of additional water control structures.	R4MN
	Carolina Sandhills NWR	Rehabilitate Worn FHWA Route 155	R4GQ
		Repair Weathered Public Fishing Pier at Mays Lake	R4GT
	Charleston, SC, Coastal Program Office	South Carolina State Parks Coastal Park Habitat Management/Enhancement	R4FA
	Ernest F. Hollings ACE Basin NWR	Rehabilitate eroded and leaking Combahee Fields wetland management unit perimeter dike along the Cuckholds Creek.	R4HD
		Restore wetland management impoundment to benefit migratory birds	R4MB
	Orangeburg NFH	Replace 320' Freshwater Well.	R4PN
		Replace HVAC System	R4PP
	Santee NWR	Rehabilitate Eroded Earthen Road	R4BH
		Rehabilitate Eroded Earthen Road	R4BJ
		Rehabilitate Worn and Eroded Pumping Station.	R4BG
		Restore existing and install 5,800 ft of new water delivery canals. Wetland Restoration	R4MM R4MH
South Dakota	DC Booth HNFH	Repair only public use road and canal rock wall destroyed by 100 year flood event.	R6PB
	Gavins Point NFH	Replace lights in the hatchery building	R6PE
		Replace deteriorated pond kettles in Ponds #16-26	R6PK
	Lacreek NWR	Rehabilitate Boundary Fence	R6HF
	Sand Lake NWR	Rehabilitate 8 Stall Garage - Windows	R6JD
		Rehabilitate Birdhouse - Electrical Panel board	R6JC
		Rehabilitate Carpenter Shop - Windows and Hydrant Rehabilitate Shop Building-Windows	R6JF R6JE
	Waubay NWR	Establish a SD Invasives Team to respond rapidly to new invasive plant species infestations (via contract or temporary hires)	R6MC
Repair Unsafe Shoreline Main Entrance Road		R6BM	
Tennessee	Chickasaw NWR	Rehabilitate Eroded Levee at Impoundment 1	R4GX
		Rehabilitate eroded sanctuary service road/levee which is comprised of earth material, 33c rock, and red rock.	R4GW
		Remove eroded sediment from Canal #2-1 in the North half of impoundment #2.	R4BB
	Cookeville, TN ES Field Office	Tennessee Strategic Stream/Riparian Restoration (Clinch-Powell, Barrens Area, Cypress/Shoal Creek Watersheds);	R4EC
	Cross Creeks NWR	Replace insufficient water control structure with 5' flashboard riser	R4GY
	Dale Hollow NFH	Effluent Treatment System (plan, design, construct)	R4PD
	Erwin NFH	Replace 62 energy inefficient light fixtures and bulbs	R4QJ
		Replace Deteriorated Raceway cover 5A/B	R4PG
		Replace Deteriorated Raceway Covers - 6 A/B and 9 A/B	R4PF
	Hatchie NWR	Rehabilitate Worn and Deteriorated McCool Lakes Road.	R4BC
	Lower Mississippi River Coordinator	NFPP: Fish Passage in Lower Mississippi River - Robinson Bayou Dikes (RM 852.3-855) (TN/MO)	R4TB
		NFPP: Fish Passage Restoration in the Lower Mississippi River: Island 15 Dikes (RM 849.8 - 852.3) (TN/MO)	R4TD
	Reelfoot NWR	Energy Efficiency Rehabilitation of Maintenance Shop.	R4JT
		Rehabilitate Worn Goose Pen Road on the Long Point Unit	R4JQ
	Tennessee NWR	Eliminate expensive leases and provide an adequate on-refuge base of operations for staff and volunteers by constructing an energy efficient Headquarters/Administrative/Visitor Building using a standard floor plan design to gain cost efficiencies. Raise the approximately 1,710 foot entrance road 6 to 7 feet to provide safe and consistent access to the facility. Facility will provide a key orientation point for visitors. Site enhancements will facilitate maintenance of the Headquarters/Visitor Center facility, encourage volunteer participation at the Refuge, and provide a walking trail to enhance the educational aspect of the Refuge's environmental education mission.	R4AF
		Rehabilitate Levee Overgrown with Woody Vegetation	R4KF
Replace Leaking 60 inch Water Control Structure		R4KC	
Replace Old DRU Pole Shed Barn at the "Bull Pen"		R4KE	
Restore the 11-mile TVA Levee on the Duck River Unit to the original elevation that has been lost due to flood damages to protect waterfowl management capabilities.		R4KD	



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Texas	Aransas NWR	NFPP: Red Fish Landing AB-SR-1 Culvert Restoration Project	R2TA
		Renewable Energy - Solar Photovoltaic projects on buildings	R2CG
	Brazoria NWR	Construct New Administrative Facility	R2AA
	Buffalo Lake NWR	Renewable Energy - Solar Photovoltaic projects on buildings	R2CC
	Hagerman NWR	Replace a condemned building with an energy efficient Headquarters/Visitor Building using a standard floor plan design to gain cost efficiencies	R2GD
		Replace Refuge Boundary Signs	R2GG
	Inks Dam NFH	Construct retaining walls at Kettle 5B	R2RF
		Replace 1300' of 12 in. Transit drain line; install valves	R2RG
		Replace 900' of 8" tile drain line with 12" PVC	R2RH
		Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weather-strip leaks; replace windows; and replace appliances.	R2PP
		Install Influent Filtration System to Prevent Unwanted Species from Entering Hatchery	R2PN
		Rehabilitate ponds 11, 12 and 16--split pond, build levee and kettle	R2PM
		Replace 900' of 8" Transit drain line and install valves	R2QZ
		Replace Kettle 4 & build retaining walls	R2RC
	Laguna Atascosa NWR	Replace Kettle N4 & build retaining walls	R2RB
		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
		Rehabilitate 5.76 miles of 1 lane Unit 8 County Road.	R2BA
	Lower Rio Grande Valley NWR	Renewable Energy - Solar Photovoltaic projects on buildings	R2CF
		Rehabilitate 0.6 miles of degraded existing service-use dirt road on the Arroyo los Negros tract.	R2GL
		Rehabilitate foot trails on Salineno and Arroyo Los Negros tract.	R2GK
		Rehabilitate two 40-foot long concrete walls.	R2GN
		Replace barbed wire boundary fence and 4 gates.	R2GM
	San Bernard NWR	Replace dilapidated 4-strand barbed wire boundary fence.	R2GP
		Rehabilitate the deteriorated and damaged surface of the Sergeant Entrance road.	R2GX
	San Marcos NFHTC	Rehabilitate the deteriorated and damaged surface of the Sergeant Entrance road.	R2GX
		Add office/storage space and three bays onto the existing Greenhouse used for Texas wild rice recovery	R2RA
		Construct a Chain Link Fence around Holding House	R2PZ
		Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weather-strip leaks; replace windows; and replace appliances.	R2QA
		Rehabilitate McCarty Well Pump House	R2PX
	Texas Chenier Plain Refuge Complex	Rehabilitate Office/Lab Building with new air handling unit, replace broken windows and reseal to prevent leaks during rain and temporary office space to accommodate staff during construction	R2PW
		Rehabilitate shop/garage building to bring electrical system to code and increase energy efficiency	R2PY
		Repair raceways waste water drain line	R2RD
	Texas Mid-Coast Refuges Complex	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 to gain cost efficiencies	R2AK
Texas	Renewable Energy - Solar Photovoltaic projects on buildings	R2CB	
Upper Texas Coast Coastal Program	Restore Coastal Prairie Ecosystems for Attwater's Prairie Chicken.	R2ED	
Uvalde NFH	Indian Point Saltmarsh Restoration Nueces County, Texas	R2FA	
U.S. Minor Outlying Islands	Midway Atoll NWR	Construct a flume in Garmon Slough at east fence line	R2QJ
		Construct a new chemical storage building and a shed over the CAT LPG emergency generator	R2QF
		Construct a New Septic System at Residence 2	R2QK
		Construct a New Water Supply Pipeline for Ponds 12-16 & 21-25	R2QN
		Construct Bird Deterrent Netting on Pond 30	R2QH
		Energy Efficiency - replace lights; increase insulation; install programmable thermostats; caulk, seal, and weather-strip leaks; replace windows; and replace appliances.	R2QM
		Install emergency electrical system for Wilson Well (for T&E species)	R2QL
		Replace Kettle Screens	R2QG
Utah	Bear River Migratory Bird Refuge	Rehabilitate Barracks BOO C electrical and plumbing systems and entrance; remove vinyl asbestos tile Tier 2 Energy Efficiency & Tier 3 Renewable Energy Projects, Midway Atoll NWR	R1BK
		Design and Construct Accessible Sampling Dock	R6LA
		Replace Quarters 39 Roof Shingles	R6GV
		Replace Quarters 39/40 Garage Roof Shingles	R6GW
		Replace Quarters 4 Roof Shingles	R6GY
		Replace Quarters 4/5 Garage Roof Shingles	R6GU
Vermont	Pittsford NFH	Replace Quarters 40 Roof Shingles	R6GX
		Replace Quarters 5 Roof Shingles	R6GT
		Great Brook culvert retrofits in the upper Winoski River drainage - NFPP	R5TC
		Rehabilitate Well Pumps and Water Delivery System	R5PT
White River NFH	Replace inefficient and outdated well pump electric panels, and assess facility electrical system	R5PR	
	Emergency rehab of the main hatchery outfall.	R5PY	
	Emergency Rehabilitation of the Hatchery Electrical System.	R5PW	
		Replace broken and leaking fish egg incubator stacks	R5PZ



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		Replace the ballasts and fluorescent lighting Hatchery Bldg	R5PX
		Replace uninsulated ceiling tiles in hatchery building admin area with insulated panels	R5QM
Virginia	Appalachian Partnership Coordination Office	North River, Augusta County, VA Stream Channel Restoration for Brook Trout Under the EBTJV / NFHAP	R5UA
	Back Bay NWR	Rehabilitate Office/Visitor Building - Replace Roof Including Solar Photovoltaic	R5GB
		Repair Rightmier House	R5GA
	Chincoteague NWR	Replace Water Supply System to Improve capabilities to manage wetland impoundments	R5GD
	Harrison Lake NFH	Rehabilitate Main Office Building for Energy Efficiency	R5QC
		Rehabilitate Water Supply Canal	R5PJ
		Replace main culvert in water delivery channel	R5PL
		Replace Water Intake #1	R5PM
	Rappahannock River NWR	Replace Water Intake #2	R5PK
		Remove and Replace Wilna Boat Shed	R5BJ
Repair Laurel Grove House		R5BH	
Virginia Ecological Services Field Office	Repair Wilna Quarters	R5GX	
	Roanoke River fish barrier retrofit at Wiley Drive will open 5 miles of the river watershed for the federally endangered Roanoke logperch.	R5EB	
Virginia Fisheries Coordinator Office	Dam Removal: Riverton Dam, North Fork-Shenandoah River, Virginia-NFPP	R5TG	
	Dam Removal: Wiley Street Culvert & Wasena Park Dam Removal, Roanoke River, Roanoke, Virginia-NFPP	R5TF	
Washington	Abernathy FTC	Rehabilitate Water Meter System	R1PB
		Rehabilitate/Modify Effluent Water System	R1PE
		Repair Hatchery Building Roof and demolish dilapidated infrastructure	R1PA
		Repair Water Intake Earthen Settling Basin	R1PD
	Carson NFH	Rehabilitate Adult Fish Crowders	R1PG
		Rehabilitate Cover for Predator Exclusion	R1PH
	Conboy Lake NWR	Construct safety improvements to Conboy Entrance Road (Rte 010)	R1GA
	Grays Harbor NWR	Replace 15 Piling Boundary Markers	R1BB
	Julia Butler Hansen Refuge	Rehabilitate mainland barge docking and loading area	R1BD
	Little Pend Oreille NWR	Repair Cliff Ridge Road (Rte 013)	R1GE
	Little White Salmon NFH	Rehabilitate Electric Anesthetic for Spawning Building	R1QD
		Replace Walkways on Lower Raceways	R1PN
	Makah NFH	Rehabilitate Valves and Water Pipeline in Hatchery Building	R1QG
		Repair Hatchery Building Electrical	R1PP
		Repair Pumps	R1PQ
		Replace Hatchery Building Roof - Flat Section	R1QE
	Mid-Columbia River FRO	NFHAP: Cle Elum River Engineered Log Jams and Side Channel Connection	R1UC
	Nisqually NWR	Construct boardwalk replacement for Brown Farm Dike trail, Phase 2	R1GT
		Remove Evergreen Dairy Barn and Shed	R1BL
		Repair Headquarters and Visitor Center	R1GH
		Replace Boardwalk for Brown Farm Dike Trail, Phase 1	R1BM
		Replace McAllister Creek dike and tide gate to restore estuary	R1GJ
	Puget Sound Coastal Program	Naas Preserve Prairie Habitat Restoration and Golden Paintbrush Recovery	R1FE
		Pink Sand Verbena Restoration and Re-introduction	R1FF
	Quilcene NFH	Pump Out Penny Creek Settling Pond and Pollution Abatement Pond	R1PT
		Rehabilitate Hatchery Building (Seismic, Electrical, Codes, Pipeline)	R1PU
		Repair Head Box/Walkway on C Deck	R1PR
		Repair Weir	R1PV
	Quinalt NFH	Repair Cook Creek Settling Basin for NPDES	R1PY
		Repair Slide Gate at Hatchery Creek Intake	R1PW
		Replace Feed Building Roof, regulatory seismic retro fit and replacement of the interior lighting system, and exterior windows and doors with energy efficient materials	R1PX
	Saddle Mountain NWR	Replace 300 Boundary Signs on Fitzner-Eberhardt Arid Lands Ecology (ALE) Reserve	R1GK
	Spring Creek NFH	Replace Water Pumps and Motors and upgrade associated electrical system components	R1PZ
		Water Quality Improvement Project - Rattlesnake Creek in the White Salmon River Watershed.	R1UD
	Stieger Wald Lake NWR	Replace Storage Barn	R1BN
	Toppenish NWR	Replace Quarters 5	R1GM
	Turnbull NWR	Rehabilitate 3 Miles of Boundary Fences	R1BP
		Tier 2 Energy Efficiency & Tier 3 Renewable Energy Projects	R1GP
	Umatilla NWR	Replace Circle 2 Irrigation Pipeline on Whitcomb Unit	R1BQ
	Washington Partners for Fish and Wildlife	South Willapa Bay Forest Restoration	R1EB
	Western Washington FRO	Management Weir In Conjunction With Elwha Dam Removal; Recovery of Listed Bull Trout and Salmon	R1TC
	Willapa NWR	Replace 200 Boundary Signs	R1GR
		Replace 25 Boundary Signs and Pylons in Willapa Bay	R1BR
	Willard NFH	Repair Shop Building for Seismic Requirements	R1QC



U.S. Fish and Wildlife Service

Projects Funded under the American Recovery and Reinvestment Act of 2009



Project Information

State	Unit/Facility	Recovery Act Projects (by FWS Unit/Facility)	Project #
West Virginia	National Conservation Training Center	Install a solar water heating system at the campus laundry which washes linens for the Center's 226 dorm rooms. This improvement would substantially reduce energy costs incurred by the laundries current oil-fired water heating system. This improvement would also contribute towards a LEED EB innovation client.	R9VF
		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
		Install water efficient and air-dry fixtures in the Center's two dozen public restroom facilities to reduce energy and water consumption.	R9VD
		Obtain LEED EB Certification, upgrade existing building systems to reduce energy consumption, construct onsite sustainable energy systems.	R9VA
		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
		Replace 10 year old kitchen equipment with more energy efficient Energy Star kitchen equipment.	R9VH
		Replace 226 guest room toilets with low-flow water efficient toilets. New toilets will reduce water use in dormitories by 25%.	R9VE
		Replace Central Plant Cooling Tower/Systems with new high efficiency Central Plant systems and fiberglass structures. Improvements will reduce energy consumption and improve water quality.	R9VB
Wisconsin	Ashland NFWCO	Bad River Fish Passage Improvement and Sediment Reduction NFHAP Project NFPP Troutmere Creek Fish Passage Restoration Project	R3UA R3TB
	Great Lakes Northern Coastal Program	Lake Michigan Shoreline Restoration for Critical Migratory Bird Stopover on Land Trust Preserve	R3FA
	La Crosse NFWCO	NFHAP: Kickapoo DARE Habitat Improvement Project	R3UD
	Necedah NWR	Install Photo Voltaic Array on Visitor Center	R3CA
	NFHAP Coordinator	MGLP NFHAP: Large Woody Habitat Rehabilitation Project in the Northern Lakes and Forest Ecosystem Phase II	R3UE
	Upper Mississippi River NWFR LaCrosse District	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.	R3AF
	Wisconsin Partners for Fish and Wildlife	SW Wisconsin Grassland, Prairie, and Oak Savanna Habitat Improvements Wetland revegetation and hydrologic improvement in the Lake Superior, northern Clay Plain, to benefit Coaster brook trout and waterfowl.	R3EU R3ET
Wyoming	Cokeville Meadows NWR	Rehab Water Management Structures	R6GN
	National Elk Refuge	Construct irrigation systems and plant uplands to grasslands. Current winter feeding places elk at risk. Replace Deteriorated Visitor Center Exhibits	R6MB R6BG
	Saratoga NFH	Replace Deteriorated Hatchery Spring Water Supply Line [p/d/cc]	R6PH
	Seedskaadee NWR	Replace 2 Residences and 1 Bunkhouse-mice infested Replace Residence #5	R6JG R6BK
	Multiple States	Arizona and New Mexico	Control or Mitigate Invasive Species on Desert Grasslands and Cienegas.
Division of Engineering		Tier 1 Energy Efficiency Projects Regionwide; Tier 2 work at Oregon Coast NWR, Siletz Bay NWR, Ridgefield NWR, Deer Flat NWR & Sheldon-Hart Mountain NWRC; Tier 3 work at Sheldon-Hart Mountain NWRC	R1GB
NM, TX, OK Partners for Fish and Wildlife		Lesser Prairie Chicken Habitat Restoration	R2EC
Partners for Fish and Wildlife Program -- Invasive Species Control		Invasive Species Control -- to support habitat for threatened and endangered species, such as Whooping Crane, Least Tern, Piping Plover; and other high priority fish and wildlife species such as Topeka Shiner, Long-billed Curlew, and Sprague's Pipit.	R6EA
Partners for Fish and Wildlife Program -- Prairie restoration and enhancement		Prairie habitat restoration to restoration native vegetation and hydrology in 5 mountain states to benefit suites of migratory shorebird, waterbirds, and listed prairie fish species.	R6EB
Partners for Fish and Wildlife Program -- River Restoration and Enhancement		Mountain-Prairie River Restoration -- to support at-risk native fish species, such as fluvial Arctic Grayling and Native cutthroat trout.	R6EC
Partners for Fish and Wildlife Program -- Sagebrush Steppe Habitat Restoration and Enhancement		Invasive species removal in sagebrush-steppe habitat to benefit at-risk species, such as Greater Sage-Grouse, Sage Thrasher, Brewer's Sparrow, and Sage Sparrow.	R6ED
Regionwide		Conduct energy audits, provide green energy recommendations, and rehab buildings with energy efficient materials and systems	R6HZ
		Employ 10 Conservation Interns at 20 rural field stations	R3ND
		Employ 10 SCA interns at 8 field stations	R6NA
		Employ 10 Student Temporary Employment (STEP) and other temporary youth hires at 20 rural field stations	R3NF
		Employ 11 YCC enrollees at 6 rural field stations	R2NA
		Employ 13 SCA / Other interns at 15 rural field stations	R5NB
		Employ 15 Temporary youth hires at 20 field stations	R6NB
		Employ 18 YCC enrollees at 6 urban field stations	R2ND
	Employ 20 other temporary hires at 20 urban field stations	R2NF	
	Employ 25 SCA / Other interns at 30 urban field stations (located in SMSA)	R5ND	
	Employ 25 YCC enrollees at 19 rural field stations	R5NA	
	Employ 30 YCC enrollees at 20 rural field stations	R3NB	
	Employ 30 YCC enrollees at 20 urban field stations	R3NA	
	Employ 32 YCC enrollees at 10 urban field stations over 2 years	R4NA	
	Employ 40 Student Temporary Employment (STEP) and other temporary youth hires at 30 urban field stations	R3NE	
	Employ 40 YCC enrollees at 14 urban field stations (located in SMSA)	R5NC	
	Employ other temporary hires (STEP) at 40 rural field stations over 2 years	R4NC	



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Project Information

State	Unit/Facility	Recovery Act Projects (by FWS Unit/Facility)	Project #
		Employ other temporary hires (STEP) at 40 urban field stations over 2 years	R4NB
		Employ 50 YCC enrollees at 20 Field stations	R6NC
		Employ 6 Conservation interns at 12 urban field stations	R3NC
		Employ 6 SCA interns at 8 rural field stations	R2NB
		Employ 8 other temporary hires at 12 rural field stations	R2NC
		Employ 9 SCA interns at 8 urban field stations	R2NE
		Energy Audits for 80 Stations	R4KH
		Implement Energy Efficiency - Tier I	R5GY
		Implement Energy Efficiency - Tier II	R5GZ
		Install motion detectors in rooms with periodic/less traffic and programmable thermostats.	R4RD
		Install photovoltaic systems	R8CA
		Perform Energy Audits	R8GQ
		Rehabilitate / Retrofit Office Heating System with Geothermal System and Install Photovoltaic and Wind Turbine Systems	R6JA
		Rehabilitate Offices by installing Prebuilt Tornado Shelters for stations in the tornado area (7 total)	R6HY
		Replace inefficient HVACs & Water heaters	R8GR
		Replace inefficient pumps & freezers	R8GT
		Restore Native Ecosystems' Function to Benefit Federal Threatened and Endangered Species and Neotropical Migrants and Improve Water Quality	R2EB
		Rural - Employ 2 AmeriCorps Students at 2 field stations and 1 STEP student at 1 field station for an avg. of 11 months per student.	R1NE
		Rural - Employ 30 YCC enrollees at 6 field stations	R7NA
		Rural - Employ 35 YCC enrollees at 3 field stations for two seasons	R1ND
		Rural - Employ 45 temporary hires at 14 field stations	R7NC
		Rural - Employ 9 SCA interns at 5 field stations	R7NB
		SCA Urban	R8NC
		STEP	R8ND
		Urban - Employ 5 AmeriCorps Students at 5 field stations for an avg. of 11 months per student.	R1NC
		Urban - Employ 5 SCA interns at 1 field station	R1NB
		Urban - Employ 50 YCC enrollees at 6 field stations for two seasons.	R1NA
		YCC Non-Urban	R8NB
		YCC Urban	R8NA
Texas and Oklahoma		Bottomland hardwood reforestation of converted agricultural land in Texas and Oklahoma to benefit Louisiana Black Bear and contribute to carbon sequestration efforts.	R2EE