

Annual Report of Lands Under Control of the U.S. Fish and Wildlife Service

As of September 30, 2011



*On the Cover: Photo Contest Winner;
Ken Sturm, Refuge Manager, Missisquoi
National Wildlife Refuge*

**Lake Memphremagog in the
Missisquoi National Wildlife Refuge**

In December 2010, the Service closed on a highly publicized donation that created the Eagle Point Unit of the Missisquoi National Wildlife Refuge. The Michael Dunn property in Derby, Vermont, contains 458 acres on the shore of Lake Memphremagog along the State's border with Canada. With this donation, the Refuge now has one mile of undeveloped shoreline that includes a mixture of northern hardwood forest, hemlock seep forest, emergent wetland and grassland. Partners in the transaction included the Vermont Land Trust, Community Financial Services Group, attorney Jake Wheeler of the law firm Downs Rachlin Martin PLLC, and the Vermont Agency of Natural Resources. In an innovative partnership with the State, the property will be managed by the Vermont Fish and Wildlife Department for the next 50 years, after which the Service will manage the property in cooperation with the State.

PHOTO: KEN STURM / USFWS

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Message from the Secretary



Last October, I had the honor of placing three more planks on the boardwalk at Pelican Island National Wildlife Refuge, representing three new units of the National Wildlife Refuge System. The first plank on the boardwalk represents Pelican Island; from there you can trace the growth of the Refuge System as you walk along the structure. As the ceremony unfolded, I took a moment to reflect on the symbolism of these planks, as well as the very real impact these lands will have on future generations of Americans. It is like taking a walk through conservation history.

The new units of the National Wildlife Refuge System symbolize a historic shift in how we view wildlife conservation. They are the product of locally supported, partnership-driven conservation efforts of private landowners to conserve wildlife habitat on a landscape scale. This shift is driven by the urgent conservation challenges we face, such as widespread habitat fragmentation and destruction, climate change, water scarcity, and other threats that dwarf the ability of any single organization to address these problems on its own. We no longer have the luxury of viewing the Refuge System in isolation from the landscape around it.

The *Conserving the Future* document that Fish and Wildlife Service Director Dan Ashe and I signed at the plank ceremony recognizes this reality. This document envisions the Refuge System

as a catalyst for conservation on a larger scale. As the document notes, strategic, collaborative, science-based landscape conservation – along with effective public outreach, education, and environmental awareness – is the best path forward to conserve America’s wildlife and wild places.

The first plank we placed was for the Dakota Grassland Conservation Area. This innovative project will use voluntary easements to help conserve up to 240,000 acres of wetlands and up to 1.7 million acres of grasslands in the heart of the “Duck Factory” of North and South Dakota, while maintaining the rural, agricultural economy. The area’s strong and vibrant rural agricultural lifestyle is one of the key components of ensuring habitat integrity and wildlife resource protection of one of the largest wetland-grassland ecosystems on earth. By working together with private landowners and organizations like Ducks Unlimited, we will be able to protect vital breeding habitat for waterfowl and other migratory birds.

The second plank was for Cherry Valley National Wildlife Refuge in Pennsylvania. This new refuge will provide millions of people along the mid-Atlantic seaboard with another amazing place to hunt, fish, and observe wildlife. The Appalachian Trail crosses through the Refuge, enabling thousands of hikers to experience this unique landscape. The Refuge’s forests and streams, ponds, bogs, and dramatic ridges support abundant populations of white tailed deer, black bear, and beaver, as well as game birds such as ruffed grouse, woodcock, and wild turkey.

The final plank represents the Flint Hills Legacy Conservation Area in Kansas, where we are working with local communities, ranchers, and other conservationists to protect up to 1.1 million acres, benefitting a host of grassland birds and other wildlife in one of the most threatened ecosystems on earth. Less than 4 percent of the once-vast native tallgrass prairie

remains today, 80 percent of which is in eastern Kansas. Like the Dakota Grassland Conservation Area, the Flint Hills project will rely on conservation easements to keep working families on the land they have stewarded for generations. The idea for this unique conservation effort grew from a grassroots partnership of local citizens who wanted to ensure tallgrass prairies are around for future generations.

In the short time since these planks were added to the boardwalk, we have established another refuge, the Everglades Headwaters National Wildlife Refuge and Conservation Area in central Florida. This refuge is the centerpiece of a bold, partnership-driven effort to conserve one of eastern North America’s last great grasslands that is home to more than 270 Federal and State listed endangered or threatened species. By establishing this Refuge, we are working to protect a rural landscape of ranches and farms; meet food security needs; improve water quality and quantity for millions of Floridians; and take a major step forward in the restoration of the Everglades.

These newest additions to the National Wildlife Refuge System are founded on the knowledge that wildlife and humans are inextricably linked. The landscape that sustains our native wildlife also provides clean air, clean water and economic opportunities for millions of Americans and we must continue to find new and innovative ways to ensure that wildlife and people can coexist on the land.

I look forward to returning to Pelican Island. Each time we place another plank, the legacy we leave for future generations is further enhanced.

Message from the Director



I am pleased to report on the state of lands under the protection of the U.S. Fish and Wildlife Service. This report demonstrates our renewed spirit and vision, and our continued dedication to conserve our Nation's greatest ecological treasures.

Fiscal Year 2011 was another successful year for land conservation, particularly for the National Wildlife Refuge System. Despite tough economic times, we added 112,702 acres to the Refuge System, protecting habitat in more than 90 national wildlife refuges. We also established three new refuges. The new Dakota Grassland Conservation Area and the Flint Hills Legacy Conservation Area help to preserve what remains of America's grassland and prairie ecosystems, while protecting and fostering traditional ways of life, including ranching and farming landscapes. The Cherry Valley National Wildlife Refuge provides millions of Americans with the opportunity to connect with the great outdoors, while protecting rare fen habitat and the threatened bog turtle.

Of the newly conserved acreage, more than 76,000 acres are protected by perpetual conservation easements, and nearly 36,000 acres are protected through fee title acquisition, all from willing sellers. Our growing easement program not only protects valuable wildlife habitat, but also maintains working landscapes and rural economies, while helping us to stretch limited conservation dollars.

The acquisition of conservation easements is especially important in the Prairie Pothole Region of North America, where the highest agricultural prices in four decades have led a growing number of landowners to convert their grasslands and wetlands into cropland. The rapid conversion of this landscape represents a significant threat to our country's waterfowl population, more than half of which depends on the area for breeding habitat.

I am pleased to report that we permanently protected nearly 80,000 acres in the Prairie Pothole Region in FY 2011, including 69,000 conservation easement acres. These and similar efforts will help to ensure that current and future generations of Americans continue to enjoy the recreational and economic benefits of a thriving waterfowl population.

We did not do this alone. We received sizable donations from non-government organization partners such as Ducks Unlimited, The Nature Conservancy and The Conservation Fund, as well as thousands of acres donated from private landowners interested in preserving their families' lands. We remain eternally grateful to these partners and private landowners for their dedication, vision, and contributions to the legacy we will leave for future generations.

This spirit of collaboration underlies our conservation ethic. These successes, coupled with the Refuge System's ongoing process to implement its Conserving the Future vision, give us renewed direction and energy to continue our record of conservation successes.

We look forward to another successful year of conservation.

All Lands Under Control of the Fish & Wildlife Service



Bear River MBR

The Service manages the 149,075,218-acre National Wildlife Refuge System. The Service co-manages an additional 157,067,926 acres of submerged lands and waters in national monuments, for a net of over 306 million acres.

The **National Wildlife Refuge System** is the world's most extensive network of public lands and waters dedicated to the conservation of wildlife. The Refuge System is comprised of 555 national wildlife refuges, 206 waterfowl production area counties, and 50 coordination areas.

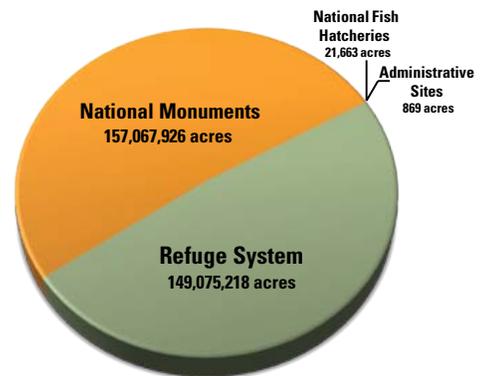
National wildlife refuges include the 145,274,953 acres of lands, waters, and interests in land administered by the Service as wildlife refuges, wildlife ranges, wildlife management areas, game preserves, and conservation areas.

Waterfowl production areas are small natural wetlands and associated grasslands acquired primarily under the authority of the Migratory Bird Hunting and Conservation Stamp Act. The 3,545,790 acres of waterfowl production areas are reported by county and administered by the Service's 38 wetland management districts.

Coordination Areas include 254,474 acres of federal land managed by states as wildlife habitat under cooperative agreements between the Service and state fish and wildlife agencies.

The Service manages lands, submerged lands, and waters in six national monuments, including four marine national monuments. The Marianas Trench, Pacific Remote Islands, Papahānaumokuākea, and Rose Atoll marine national monuments together encompass more than 211 million

All Lands Under Control of the Service



acres, of which the Service manages approximately 8,000 surface acres and 54 million submerged acres as part of the Refuge System. The remaining 157 million acres within the monuments are not a part of the Refuge System, but are managed jointly with the Department of Commerce and/or the State of Hawaii.

All Lands Under Control of the Service

Category	PUBLIC LANDS AND WATERS								EASEMENTS			AGREEMENT OR LEASE	TOTAL ACRES
	Reserved from Public Domain		Designated as Marine National Monuments	Acquired by Other Federal Agency		Purchased by FWS	Donated	Acquired by Other Federal Agency	Purchased by FWS	Donated			
	Primary Jurisdiction	Secondary Jurisdiction		Primary Jurisdiction	Secondary Jurisdiction								
National Wildlife Refuges	555	81,372,918.44	597,731.33	52,232,759.00	3,449,254.37	929,542.33	4,386,417.32	783,019.40	65,040.36	499,023.16	221,445.99	737,801.54	145,274,953.24
Waterfowl Production Areas	206	15,897.64	0.00	0.00	27,974.05	0.00	705,934.43	17,789.07	69,191.37	2,475,048.77	232,394.93	1,560.00	3,545,790.26
Coordination Areas	50	56,586.61	0.00	0.00	139,252.89	55,739.14	2,871.29	25.00	0.00	0.00	0.00	0.00	254,474.93
Total of Refuge System	811	81,445,402.69	597,731.33	52,232,759.00	3,616,481.31	985,281.47	5,095,223.04	800,833.47	134,231.73	2,974,071.93	453,840.92	739,361.54	149,075,218.43
Administrative Sites	46	53.00	0.00	0.00	8.57	0.00	731.72	0.75	6.22	0.50	4.89	63.97	869.62
National Fish Hatcheries	71	3,607.09	987.09	0.00	2,421.26	3,662.06	5,425.28	1,359.64	176.04	507.91	3,184.51	332.71	21,663.59
National Monuments	6	0.00	0.00	157,012,428.00	0.00	32,965.00	0.00	0.00	0.00	0.00	0.00	0.00	157,012,428.00
Total outside Refuge System	123	3,660.09	987.09	157,012,428.00	2,429.83	36,627.06	6,157.00	1,360.39	182.26	508.41	3,189.40	396.68	157,067,926.21
Grand Total:	934	81,449,062.78	598,718.42	209,245,187.00	3,618,911.14	1,021,908.53	5,101,380.04	802,193.86	134,413.99	2,974,580.34	457,030.32	739,758.22	306,143,144.64

Fish & Wildlife Service Acquisitions in Fiscal Year 2011



Roy W. Lowe/USFWS

Nestucca Bay NWR

In FY 2011, the Service established three new national wildlife refuges: **Cherry Valley National Wildlife Refuge** in Pennsylvania, **Dakota Grassland Conservation Area** in North Dakota and South Dakota, and **Flint Hills Legacy Conservation Area** in Kansas.

In all, the Service conserved 112,702 acres of wildlife habitat for the Refuge System in FY 2011, including 35,885 fee acres and 76,381 easement acres in 93 national wildlife refuges, 79 waterfowl production area counties, and two coordination areas spanning 44 states. The Service also acquired 3.6 fee acres for national fish hatcheries.

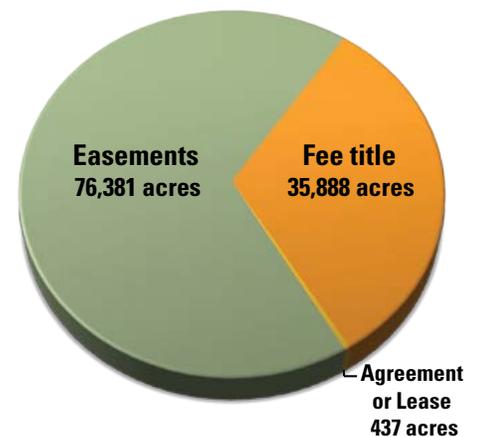
Of these conserved lands, the Service purchased 29,196 fee acres and 51,343 easement acres from willing sellers at an average cost of \$2,164 per fee acre and \$465 per easement acre.

The vast majority of the purchased easements are minimally restrictive conservation easements, which place few restrictions on a landowner's use of their property and have a smaller impact on property value than other types of easements. The properties with easements remain on local tax rolls.

The Service also received donations of 2,361 fee acres and 25,037 easement acres from partners and citizens interested in conserving wildlife habitat and/or providing public sources of wildlife-dependent outdoor recreation.

For a full list of FY 2011 acquisitions by unit and state, see the table on page 29.

Service Acquisitions in FY 2011



Service Acquisitions in FY 2011

Category	PUBLIC LANDS AND WATERS					EASEMENTS			AGREEMENT OR LEASE	TOTAL ACRES
	Reserved from Public Domain	Acquired by Other Federal Agency	Purchased by FWS		Donated	Purchased by FWS		Donated		
			Acres	Cost (\$)		Acres	Cost (\$)			
National Wildlife Refuges	254.54	2,902.39	27,807.45	\$59,158,585.54	1,730.42	23,705.72	\$11,468,073.61	1,291.02	436.82	58,128.36
Waterfowl Production Areas	0.00	1,215.64	988.84	\$3,974,100.00	630.64	27,638.07	\$12,407,090.00	23,746.02	0.00	54,219.21
Coordination Areas	0.00	-45.08	400.00	\$69,000.00	0.00	0.00	\$0.00	0.00	0.00	354.92
Total of Refuge System	254.54	4,072.95	29,196.29	\$63,201,685.54	2,361.06	51,343.79	\$23,875,163.61	25,037.04	436.82	112,702.49
Administrative Sites	0.00	-0.83	0.72	\$378,000.00	0.00	0.00	\$0.00	0.00	-0.01	-0.12
National Fish Hatcheries	0.00	3.60	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	3.60
National Monuments	0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	0.00
Total outside Refuge System	0.00	2.77	0.72	\$378,000.00	0.00	0.00	\$0.00	0.00	-0.01	3.48
Grand Total:	254.54	4,075.72	29,197.01	\$63,579,685.54	2,361.06	51,343.79	\$23,875,163.61	25,037.04	436.81	112,705.97

Conservation Easements

Protecting Habitat and Working Lands

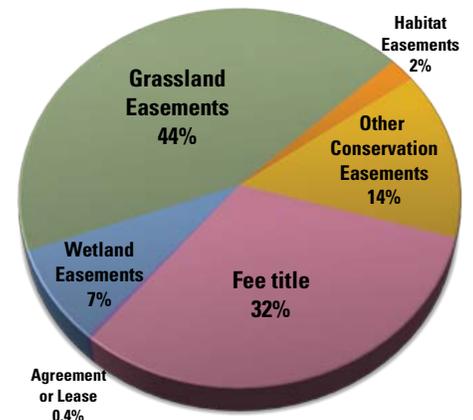


Rocky Mountain Front CA

Conservation easements are voluntary legal agreements that limit subdivision and development activities, but allow for continued residential and agricultural uses on a property. Unlike fee title acquisition, landowners retain possession and most property rights when they enter into an easement agreement. The Service's operations and maintenance costs for easements are minimal because the landowner retains responsibility for management of the land. Easements are particularly useful when there are multiple, refuge-compatible uses for a property. Properties with easements remain on local tax rolls.

The Service's conservation easements include wetland, grassland, and habitat easements. **Wetland easements** are permanent agreements in which a landowner receives payment in exchange for agreeing not to drain, fill, level, or burn wetlands. **Grassland easements** are permanent agreements in which a landowner receives payment in exchange for agreeing to keep their land in grass. Grassland easements allow grazing, but landowners agree not to mow, hay, or grass seed harvest until after July 15 each year. The Service also purchases **habitat easements** that incorporate the terms of both wetland and grassland easements into a single agreement.

Interests Acquired in FY 2011





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Conservation easements are the Service's primarily tool to prevent the fragmentation of landscapes. The Rocky Mountain Front Conservation Area, as part of the Crown of the Continent ecosystem, exemplifies our partnership with private landowners to support working lands while conserving large, biologically diverse landscapes.

Rocky Mountain Front Conservation Area
Lewis and Clark, and Teton Counties, Montana

The Rocky Mountain Front's "sea of grass" provides essential habitat for numerous grassland birds and the last population of grizzly bears that still roam

the prairie. Lying adjacent to the Bob Wilderness Area, the diverse habitats on private land along the Front play a critical role in sustaining the Northern Continental Divide's free-ranging wildlife populations, including bighorn sheep, elk, mule deer, and many other species.

The Rocky Mountain Front's biological values are, to a large degree, supported and maintained by the stewardship of large working ranches. Unfortunately, the unique wildlife resources and unmatched scenic values combined with an uncertain economic future make working ranches vulnerable to development. Conservation easements on

these ranches prevent fragmentation of fish and wildlife habitat while providing landowners with funds to pay down debt, reinvest in capital improvements, or buy other lands to expand their operations.

The Service recently worked with The Conservation Fund and two ranchers to place conservation easements on 10,325 acres, including some of the best remaining grizzly bear habitat in the lower 48 states. These easements allow haying and grazing and are fully compatible with working ranch operation. This brings the total size of the Rocky Mountain Front Conservation Area to 36,600 easement acres.

Map of the Refuge System



James Campbell
 Hanalei, Kilauea Point, Huleia, Pearl Harbor, Oahu Forest, MOLOKAI, Kalaheala, Kealia Pond, MAUI

Principal Islands of HAWAII
 Hakaia Forest, Haleakala Forest

SCALE 1:9,000,000
 Albers equal area projection, standard parallels 8° N and 18° N, central meridian 157° W

Yukon Flats
Nowitna
Yukon Delta
Togiak
Becharof
Alaska Maritime

ALASKA
 ALEUTIAN ISLANDS
 BERING SEA
 GULF OF ALASKA
 TROPIC OF CANCER



Refuge with 2011 acquisitions ■ **Red Rock Lakes**
 All other refuges ■ Washita
 Wetland Management District with 2011 acquisitions ● Windom
 Regional Office ★ Atlanta
 For interactive map, please visit www.fws.gov/refuges

SCALE 1:7,500,000
 0 100 200 300 400 MILES
 0 100 200 300 400 500 600 KILOMETERS

Albers equal area projection, standard parallels 29°30'N and 45°30'N, central meridian 96°W

Map Compiled and Redsigned by the U.S. Fish & Wildlife Service
 from a basemap provided by the U.S. Geological Survey
 8-30-2012



New Refuges



Dakota Grassland CA

The Service established three new national wildlife refuges in FY 2011.

The Service established the **Dakota Grassland Conservation Area (DGCA)** in September 2011 using funds approved by the Migratory Bird Conservation Commission. The Service acquired conservation easements on 3,333 acres from willing sellers.

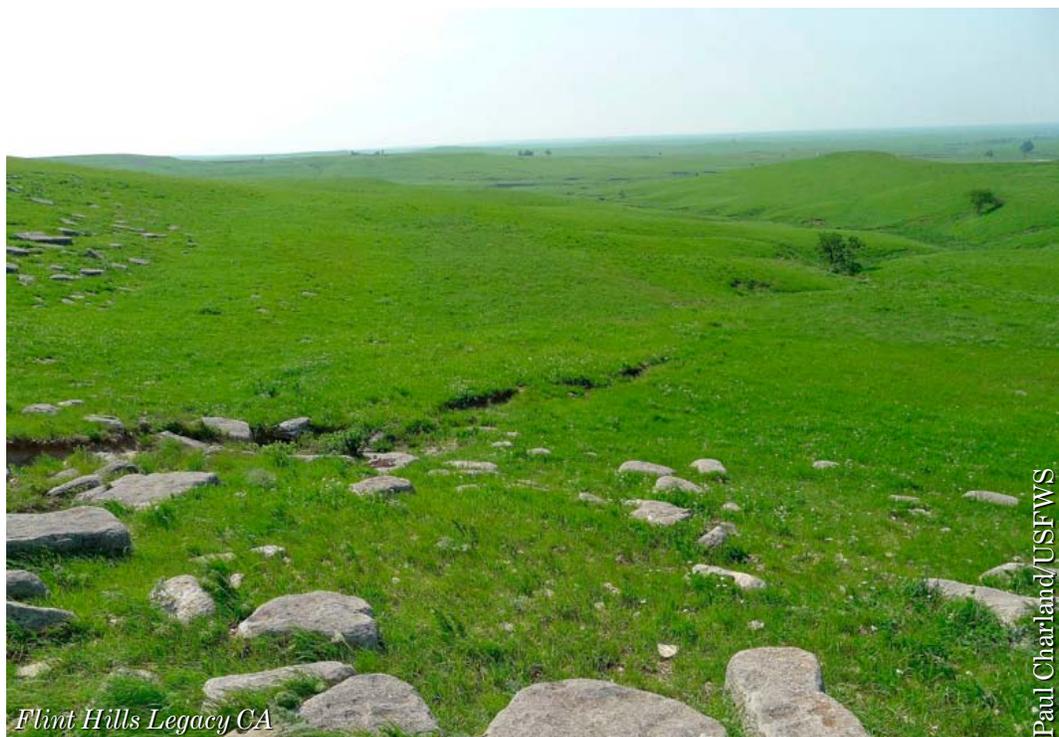
The DGCA is located in the Central Flyway east of the Missouri River in North and South Dakota. It covers much of the Prairie Pothole Region, a biome extraordinary for its ability to produce and sustain vast numbers of migratory waterfowl. The DGCA is a landscape-scale effort that will conserve habitat for numerous priority species, including 8 species of waterfowl, 22 species of shorebirds, 10 species of waterbirds, and 20 species of grassland birds, in a highly diverse and endangered ecosystem.

The DGCA provides a voluntary and financially feasible way for ranchers and other private landowners to conserve native grasslands and wetlands. It will protect up to 240,000 acres of wetlands and 1.7 million acres of grassland in the states of North Dakota and South Dakota to benefit wildlife and support traditional economic activities, particularly livestock production. The Service will purchase perpetual wetland and grassland conservation easements from willing sellers. These wetland and grassland easements will connect and expand existing protected lands.

In September 2011, the Service established the **Flint Hills Legacy Conservation Area (FHLCA)** in eastern Kansas with an easement donation from a local rancher. The FHLCA is the product of efforts by the Service, the Kansas Department of Wildlife and Parks, private landowners, and other partners to help protect the unique and highly diverse Flint Hills tallgrass region.

Today, less than four percent of the nation's once-vast tallgrass prairie

remains, and 80 percent of the remaining tallgrass prairie lies within the Flint Hills of eastern Kansas and northeastern Oklahoma. Tallgrass prairie in eastern Kansas is rapidly being lost to residential and commercial development, or through conversion to other nonagricultural uses. Such development fragments habitat and erodes the agricultural land base that is vital for sustaining wildlife populations. The grassland birds that inhabit the region are the fastest declining group of avians in North America.



Flint Hills Legacy CA



© Debra Schuller/Friends of Cherry Valley

Cherry Valley NWR

The Service recognizes the importance of protecting and fostering traditional cultural values, including ranching lifestyles and economies, in concert with habitat conservation. Ranching has historically played a major role in preserving the tallgrass ecoregion—and by extension conserving valuable fish and wildlife habitat—through grazing and prescribed fire. The FHLCA will help to keep working ranches as part of the landscape while conserving wildlife habitat and providing unique tallgrass vistas for future generations of Americans to enjoy.

Within the Flint Hills Legacy CA, the Service will use conservation easements to provide perpetual landscape level protection of some of the country's last remaining tallgrass prairie habitat. The Service will purchase perpetual conservation easements on up to 1.1 million acres from willing sellers within

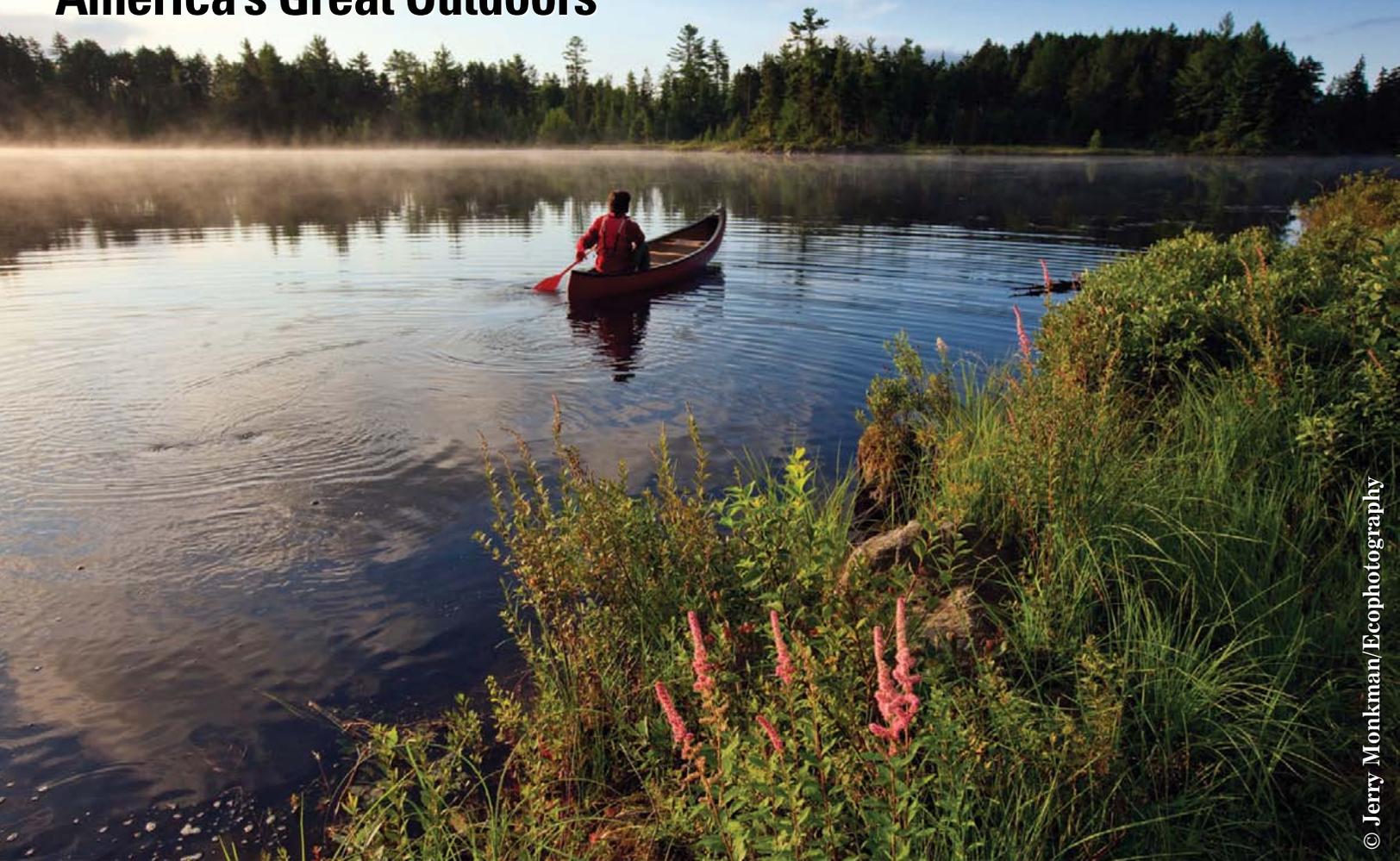
the 3.3 million-acre project area.

The Service established the **Cherry Valley National Wildlife Refuge** in October 2010, with the purchase of a 186-acre tract in Monroe County, Pennsylvania, using Land and Water Conservation Fund dollars appropriated by Congress.

Located along the Appalachian Trail, just a few hours' drive from millions of residents on the mid-Atlantic seaboard, the lands and waters of Cherry Valley have been widely recognized for their valuable natural resources, including a diverse mosaic of wetland and upland habitats. Cherry Valley supports abundant populations of some of the region's most well known species, including white tailed deer, black bear, and beaver, as well as game birds such as ruffed grouse, woodcock, and wild turkey.

The Cherry Valley NWR acquisition boundary, which encompasses more than 20,000 acres near the Delaware Water Gap, is surrounded by residential and resort development in the Pocono Mountains to the north and residential and commercial development in the Lehigh Valley to the south. On the south side of the valley is the Kittatinny Ridge, a globally recognized bird migration corridor and a designated Important Bird Area. The Refuge also provides habitat for the federally threatened bog turtle and the federally endangered dwarf wedge mussel and Northeastern bulrush.

America's Great Outdoors



© Jerry Monkman/Ecophotography

Umbagog NWR

As part of President Obama's America's Great Outdoors (AGO) Initiative, Secretary Salazar asked Governors and stakeholders to identify specific projects in which the federal government could partner with states to advance the AGO goals to create and enhance urban parks and green spaces, renew and restore rivers, and conserve large, rural landscapes. The result was the America's Great Outdoors Fifty-State Report. Pictured here are examples of FY 2011 conservation projects that advance the AGO goals identified in the Report.

Canaan Valley National Wildlife Refuge *Tucker County, West Virginia*

With The Conservation Fund and The Nature Conservancy as partners, the Service acquired a 269-acre tract for the Canaan Valley National Wildlife Refuge, the largest wetland complex in West Virginia. This acquisition represents the first phase of a two-phase project that will protect habitat for black ducks and other migrating waterfowl, woodcock, black-billed cuckoo, and golden-winged

warbler. This acquisition prevented the conversion of sensitive wildlife habitat within the refuge boundary to residential housing, which would have negatively affected existing wildlife habitats and the water quality of Flat Run and the Blackwater River. Acquisition of the property creates a contiguous corridor of protected shrub swamp and wet meadow and marsh habitat that will help maintain the long-term water quality and wildlife habitat associated with Flat Run. The Service also acquired a 35-acre tract at the highest elevation point of the Refuge that will protect the quality of water draining directly into Refuge wetlands.

Edwin B. Forsythe National Wildlife Refuge

Ocean County, New Jersey

Nearly 80 percent of the Edwin B. Forsythe National Wildlife Refuge consists of tidal salt meadow and marsh, interspersed with shallow coves and bays. More black ducks winter on the Refuge than at any other site along the Atlantic Flyway. The Service recently worked

with The Trust for Public Land to protect 255 acres of tidal salt meadow within the Refuge. The Service also acquired nearly 80 acres of forested habitat that contains an important fresh water creek flowing into Barnegat Bay. In the America's Great Outdoors Fifty-State Report, the State of New Jersey identified Barnegat Bay as the most important site in the State for land protection and recreation. With these new acquisitions, the Service protected more than 5,000 feet of creek frontage, as well as 10 acres of tidal marsh that will increase the amount of protected foraging habitat for waterbirds.

Silvio O. Conte National Fish and Wildlife Refuge

Coos County, New Hampshire; Essex County, Vermont; Hampshire County, Massachusetts

The Silvio O. Conte National Fish and Wildlife Refuge encompasses the entire Connecticut River Watershed, and includes 10 Divisions in the four states bordering the Connecticut River (Connecticut, Massachusetts, New Hampshire, and Vermont). Three states identified the Connecticut River as being a critical centerpiece of the America's Great Outdoors initiative, while the fourth, New Hampshire, specifically cited the Refuge as a focus for conservation and outdoor recreation. Establishing protected wildlife habitat corridors is a primary focus of the Refuge. In FY 2011, the Service acquired 917 acres, comprised of 13 separate ownerships. One tract, acquired in partnership with The Nature Conservancy at the Pondicherry Division, connects Refuge lands to the White Mountain National Forest. At the Fort River Division, the Service partnered with The Trust for Public Land, the Town of Hadley, the Kestrel Land Trust, and the Fort River Partnership to protect a 24-acre parcel being restored as breeding habitat for bobolinks and other grassland birds with declining populations.

Umbagog National Wildlife Refuge

Coos County, New Hampshire; Oxford County, Maine

The Service acquired 3,391 acres for the Umbagog National Wildlife Refuge in 2011, including a 2,920-acre tract acquired as part of the first phase of the Androscoggin Headwaters - Plum Creek conservation project. This is the first of five planned acquisitions for the project by federal and state wildlife agencies.

The Androscoggin Headwaters - Plum Creek conservation project at the Umbagog NWR will ensure that working forests remain a part of the landscape, while permanently protecting breeding habitat for loons, black ducks, osprey, and other migratory birds. The Phase I purchase protects four undeveloped ponds and many Androscoggin River tributary streams, using funds from both the Land and Water Conservation Fund and the Migratory Bird Conservation Fund. Together, the Service and the New Hampshire Fish and Game Department intend to acquire more than 8,000 acres of the most sensitive habitat to be held as publicly owned conservation land as part of the project. The remaining 23,000 acres owned by Plum Creek will be protected with a conservation easement that ensures sustainable forestry and recreational access, but the land will remain privately owned and be managed as a commercial forest.

Prairie Potholes and Waterfowl Production Areas

Iowa, Minnesota, Montana, North Dakota, South Dakota

The Prairie Pothole Region of North America was once the largest expanse of grasslands and small wetlands on earth. The southern reach of the region once extended from central Iowa through Minnesota, South Dakota, North Dakota, and Montana, and into Canada. The area was covered with small wetlands, called prairie potholes, which were created when glaciers advanced and retreated over the area. The original density of small wetlands across the region was up to 83 per square mile.

These small wetlands and grasslands and aquatic plants, and the invertebrates associated with them, provide an ideal nursery for waterfowl, and the Prairie Pothole Region has long been called “The Duck Factory” of North America. Although more than half the potholes have been drained and converted to agricultural use, the Region still produces 50 percent of the breeding duck populations in the United States.

Recent increases in commodity prices have led a growing number of landowners to convert their grasslands and wetlands into cropland. The rapid rise in the conversion of private grasslands and wetlands to cropland poses a threat to our country’s waterfowl population and to the recreational activities that depend on a healthy waterfowl population. Mallard, gadwall, blue-winged teal, northern shoveler, northern pintail, redhead, canvasback ducks, and other waterfowl in North America’s Central Flyway depend on these private grasslands and wetlands for breeding habitat.

The most effective technique to conserve the remaining wetland and grassland character of the Prairie Pothole Region is to work with private landowners on conservation matters, on a voluntary basis, in a way that allows them to earn a living on their property. The Service’s **Small Wetlands Acquisition Program (SWAP)** allows for perpetual landscape level protection using minimally restrictive conservation easements that maintain a working

agricultural landscape. Through the SWAP, the Service purchases easements in **waterfowl production areas** from willing sellers using proceeds from the sale of Federal Duck Stamps and import duties collected on arms and ammunition.

The Service’s wetland easements allow landowners to use their property for farming, haying, and grazing while still protecting the integrity of the wetland basins by restricting draining, burning, leveling, and filling. The Service also purchases grassland easements that allow the landowner to graze the native grass but restrict the conversion of the grassland to cropland. These wetland and grassland easements permanently protect habitat, but the landowner retains ownership and most property rights, including the right of access.

Landowners that sell easements to the Service are able to use the proceeds from the sale to pay down debt, reinvest in capital improvements, or buy other lands to expand their farming or ranching operations.

In FY 2011, the Service conserved nearly 80,000 acres in the Prairie Pothole Region, including approximately 10,800 fee acres and 69,000 easement acres at a total cost of \$20.6 million. This includes 2,400 fee acres and nearly 50,000 easement acres in waterfowl production areas acquired through the SWAP, as well as 8,300 fee acres and 19,000 easement acres in wildlife refuges. All purchases were made from willing sellers.

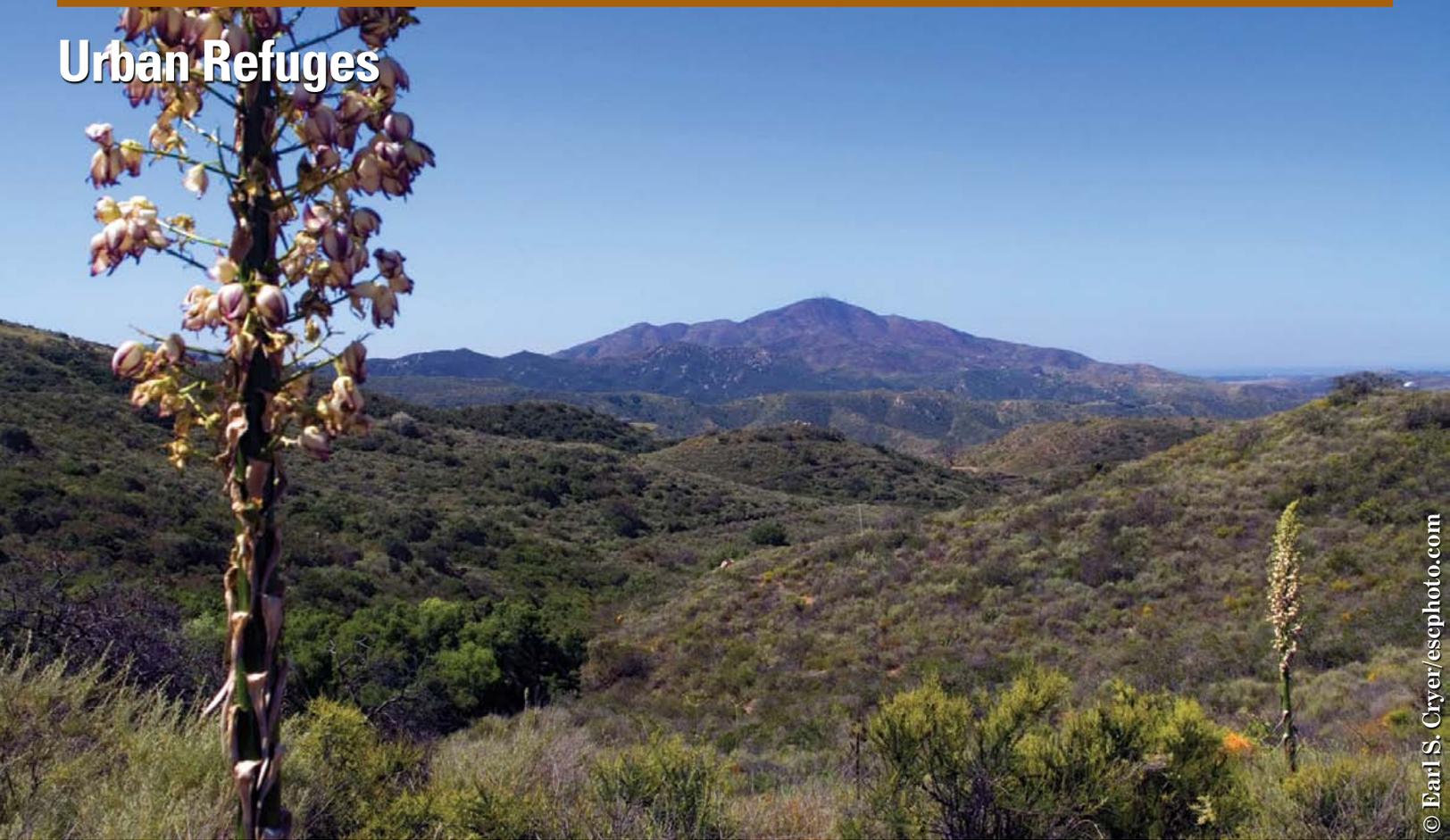
Waterfowl production areas acquired through the SWAP are managed by 38 wetland management districts.



 Wetland Management Districts
 Prairie Pothole Region

0 200 Miles 

Urban Refuges



© Earl S. Cryer/escphoto.com

San Diego NWR

More than 70 wildlife refuges have lands within five miles of an urban population center. Each year, the Refuge System receives more than 40 million visitors who participate in hunting, fishing, wildlife observation and photography, environmental education and interpretation, and other outdoor recreation activities. Below is a sampling of FY 2011 acquisitions in urban refuges.

Detroit River International Wildlife Refuge *Wayne County, Michigan*

The Service acquired approximately 48 acres, a part of the Erie Marsh Complex, for the Detroit River International Wildlife Refuge. The Erie Marsh Complex includes one of the largest coastal wetlands on Lake Erie, and accounts for 11 percent of the marshlands in southeast Michigan. The Marsh Complex serves as a migratory and nesting area for waterfowl, shorebirds, and raptors. The tract is located in Erie Township, about 10 miles south of the City of Monroe, adjacent to and south of the Erie State Game Area managed by the Michigan Department of Natural Resources.

John H. Chafee National Wildlife Refuge *Washington County, Rhode Island*

At the John H. Chafee National Wildlife Refuge at Pettaquamscutt Cove, the Service partnered with The Nature Conservancy, the State of Rhode Island Department of Environmental Management, and the Champlin Foundation to protect 66 acres of wildlife habitat along the northern shoreline of the Narrow River in the Town of Narragansett. The Service acquired 18 of these acres and will cooperatively manage the lands with its partners. These important freshwater wetlands and shrub lands provide critical habitat for migratory songbirds. The Narrow River is a vital resource for winter flounder, striped bass, and river herring.

San Diego National Wildlife Refuge *San Diego County, California*

The Service acquired 26.72 acres for the San Diego National Wildlife Refuge in California. These six small, but important, acquisitions on Mt. San Miguel helped to protect areas of coastal sage and chaparral that support a variety of rare plants and animals.

San Diego NWR is the cornerstone of conservation efforts by partners and cooperators with the State of California's Natural Communities Conservation Planning Program and the regional Multiple Species Conservation Plan. The Refuge provides key habitat for the coastal California gnatcatcher, least Bell's vireo, Quino checkerspot butterfly, and Otay tarplant, among other listed or sensitive species. It has also been designated a Globally Important Bird Area by the American Bird Conservancy.

Waccamaw National Wildlife Refuge *Horry and Georgetown Counties, South Carolina*

The Service acquired 216 acres for the Waccamaw National Wildlife Refuge. This property contains a major isolated wetlands area that is home to many migratory birds, such as the great blue heron, as well as a nesting woodstork rookery. Located within the city limits of Conway, the property will support the Service's urban wildlife refuge initiative. The newly acquired area will provide outreach opportunities such as hiking and biking trails, as well as environmental education.



Detroit River NWR

USFWS



Waccamaw NWR

© Sally Varick

Landscape Conservation



Red Rocks Lakes NWR

Landscape conservation is supported by public-private partnerships that recognize that ecosystem conservation transcends political and jurisdictional boundaries and require a more networked approach to conservation—holistic, collaborative, adaptive, and grounded in science to ensure the sustainability of our lands, waters, wildlife, and cultural resources. The following refuges, situated in prominent landscapes, had acquisitions in FY 2011.

Cache River National Wildlife Refuge

Woodruff County, Arkansas
Cache River National Wildlife Refuge, part of the Gulf Coast Plains landscape, is often referred to as the “Big Woods of Arkansas.” In FY 2011, the Service acquired 451 acres of wildlife habitat for the Refuge. The newly acquired properties abut existing

refuge lands and are located within the lower Cache River floodplain where shallow-flooded bottomland hardwoods provide important wintering habitat for migratory waterfowl. The acquisitions provide a larger block of contiguous forestland managed for waterfowl and other migratory birds, and will help the Service restore hydrologic functions to the lower Cache River watershed. The acquisitions will also enable the Service to expand the lands available to the public for recreational use.

Red Rock Lakes National Wildlife Refuge

Beaverhead County, Montana
The “Crown of the Continent” landscape contains some of the best intact ecosystems remaining in the lower 48 states, offering habitat for a wide variety of species, including large mammals, such as grizzly bears.

The Service acquired 340 acres of a 1,480-acre tract from the Elizabeth Grazing Associates LLC along nearly one mile on both sides of Red Rock Creek, which supplies most of the water for the Red Rock Lakes NWR wetland complex. The property features a large riparian wetland complex that provides habitat for 21 species of waterfowl and 35 species of other wetland-dependent birds. The acquisition is part of a multi-year acquisition that will enable the Service to restore this portion of Red Rock Creek and improve water quality in Upper Red Rock Lake on the Refuge.

The Service also acquired a conservation easement on an additional 700 acres from The Nature Conservancy for the Centennial Valley project. The Centennial Valley, like much of western Montana, is threatened by subdivision



© Nathan Korb/The Nature Conservancy

and demand for second home development that is creeping west from Yellowstone Park and the Henry's Lake portion of northern Idaho.

Sheldon National Wildlife Refuge

Washoe County, Nevada

The northwest corner of the Great Basin landscape, the Sheldon National Wildlife Refuge protects more than a half-million acres of high desert habitat at Nevada's border with Oregon. These expansive tablelands of sagebrush and mountain mahogany appear rugged and dry, but are punctuated with lush springs among rolling hills.

The Service acquired a 20-acre inholding at Sheldon NWR along a drainage at Fish Creek Mountain that contains rich habitat for sage grouse, pygmy rabbit, mule deer, and bighorn sheep, as well

as an important summer range for pronghorn antelope. The acquisition of this property precluded development, which threatened the character of the surrounding Wilderness Study Area.

Yukon Flats National Wildlife Refuge

Unorganized Borough, Alaska

Located in the Northwestern Interior Forest landscape, Yukon Flats National Wildlife Refuge is the third largest refuge in the System. The Service acquired tracts totaling approximately 480 acres for the Refuge. One tract contains prime river frontage along the Porcupine River with cliffs that provide important nesting habitat for peregrine falcon. The other tracts contain frontage along Beaver Creek, Rock Slough, and the Black River. Most of these properties contain high quality wetland complexes and were isolated inholdings

surrounded by refuge land. Acquisition of these parcels benefits refuge wildlife management and produces cost savings for the government due to decreased fire management costs.

Working with Partners



Matt Lloyd/USFWS

San Joaquin River NWR

Without our partners, the Service would not be able to complete its conservation mission. The following examples illustrate but a few of FY 2011's partnership success stories.

Glacial Ridge National Wildlife Refuge

Polk County, Minnesota

The Service acquired 8,239 acres in a bargain sale from The Nature Conservancy at Glacial Ridge National Wildlife Refuge in northern Minnesota, using \$1,000,000 from the Migratory Bird Conservation Fund. This completes the second of three phases in the planned purchase of 18,118 acres, the largest acquisition ever approved by the Migratory Bird Conservation Commission. The Service will complete the phased acquisition in FY 2012.

The 35,750-acre Glacial Ridge NWR was established in partnership with 30 non-profit organizations, universities, and government agencies. The Refuge's unique landscape was carved by wind and water over 12,000 years ago as water levels in Glacial Lake Agassiz fluctuated. The prairie grasslands and

wetlands that resulted provide a diverse and continentally important biological community. The Refuge is a major waterfowl breeding and nesting area. It provides critical habitat for declining grassland birds, greater prairie chickens, sandhill cranes, and the federally threatened western prairie fringed orchid.

Parker River National Wildlife Refuge

Essex County, Massachusetts

At the Parker River National Wildlife Refuge, the Service partnered with Ducks Unlimited (DU) to acquire 65 acres of pristine salt marsh used by black ducks and other migrating and wintering waterfowl. DU was instrumental in successfully amending a deed Conservation Restriction that was preventing the Service from acquiring the property. In addition, DU transferred the parcel for \$48,000 which was \$80,000 less than the appraised value. The Service also acquired a nine-acre inholding tract of salt marsh, with an existing building that predated current zoning and wetland protection regulations. Because this inholding was

exempt from current regulations, another landowner could have constructed a replacement house, which would have negatively impacted the quality of the marsh and its associated wildlife. Restoration will significantly reduce human disturbance in the area and provide feeding, resting, and nesting habitat for wetland-dependent migratory birds.

Petit Manan National Wildlife Refuge

Knox and Washington Counties, Maine

The Service acquired North Twinnie Island and Sally Island from the Maine Coast Heritage Trust (MCHT), bringing the total number of islands within the Refuge to 56. MCHT was able to successfully apply for a grant that allowed them to sell North Twinnie Island to the Service at a significantly reduced cost. This island has feeding and nesting habitat for various duck species and supports a bald eagle nest. Sally Island is inhabited by eider ducks, black guillemots, and other seabird species. Acquisition of these two islands supports the Refuge's mission of colonial seabird restoration and management.



San Bernard NWR

Michael Lange/USFWS



Trinity River NWR

USFWS



Glacial Ridge NWR

USFWS

San Bernard National Wildlife Refuge
Brazoria, Fort Bend, and Matagorda Counties, Texas

The 1,315-acre Media Luna Ranch within the San Bernard National Wildlife Refuge provided an ideal project for the Service to partner with the Natural Resources Conservation Service. After selling the initial conservation easement to NRCS, the landowner chose to sell the remaining interest to the Service. The property includes one mile of Cedar Lake Creek frontage and lies across from the State-managed Nannie M. Stringfellow Wildlife Management Area. NRCS will restore the hydrology of the 75 percent portion of the tract that is still forested, and the Service will restore the remaining 25 percent of the property to bottomland forest. Together with other Service lands, the acquisition helps to form a 35,000-acre contiguous corridor of conserved lands that reaches more than nine miles inland from the Gulf of Mexico.

San Joaquin River National Wildlife Refuge
Stanislaus County, California

For the past 18 years, the Lyons/Mapes family has worked to protect their property in perpetuity through the sale of conservation easements to the Service. The Service recently acquired conservation easements on 197 acres owned by the family for the San Joaquin River National Wildlife Refuge. This Refuge was established in 1987 to protect endangered species, including the wintering grounds of Aleutian Canada (cackling) geese. Thanks in part to the Refuge and landowner-partners like the Lyons/Mapes family, the population of the Canada (cackling) goose has risen significantly resulting in its removal from the endangered species list, and it is now a game species for sportsmen. The Refuge is currently focused on the recovery of other threatened and endangered species, including the riparian brush rabbit, which is among the most endangered mammals in California.

Trinity River National Wildlife Refuge
Liberty County, Texas

The Conservation Fund donated 20.71 acres to the Service for the Trinity River National Wildlife Refuge. The property is composed of bottomland hardwood forests, bayous, and cypress/tupelo that provide valuable wintering and breeding habitat for migratory birds, as well as habitat for migratory and resident fish and wildlife species. The Service will use a portion of the site for a refuge headquarters.

The Service also acquired an additional 160.62 acres of waterfowl habitat in the Trinity River floodplain. The Service plans to open this tract to compatible wildlife-oriented recreation, including hunting, wildlife observation, wildlife photography, and environmental education and interpretation.

Protecting Wildlife Habitat



Andrea Pickart/USFWS

Humboldt Bay NWR

While all Service land acquisitions benefit wildlife habitat, below are some highlights from FY 2011.

Alaska Maritime National Wildlife Refuge

Kodiak Island and North Slope, Alaska

The Service acquired two tracts totaling 154 acres for the Alaska Maritime National Wildlife Refuge. One tract, located near Cape Lisburne within one of the largest mainland areas of the Chukchi Sea Unit, is home to some of the largest concentrations of seabirds in the region. The other tract, located on Aiatalik Island south of Kodiak Island, is a significant cultural resource site eligible for listing on the National Register of Historic Places.

Bear River Migratory Bird Refuge

Box Elder County, Utah

With the assistance of the Western Rivers Conservancy, the Service acquired 585 acres of wetlands, marshland, grasslands, riparian areas, and grain fields for the Bear River Migratory Bird Refuge in Utah. The Refuge serves a vital role

in the Bear River delta ecosystem by protecting more than 41,000 acres of wetlands. The addition is an important part of the marshland ecosystem, and will allow for more efficient use of water resources on adjacent Refuge lands and support long term viability and health of wildlife habitat. Migratory birds, waterfowl, and shorebirds, as well as resident wildlife, depend on the Refuge for feeding, breeding, and as a staging area. The area is important to migratory bird species using both the Central and Pacific flyways. This acquisition will also expand public opportunities for wildlife-dependent recreation.

Humboldt Bay National Wildlife Refuge

Humboldt County, California

The Humboldt Bay National Wildlife Refuge is located approximately three miles west of Arcata, California, and comprises the best intact dune system remaining in the Pacific Northwest. The Service acquired approximately 177 acres of coastal dunes, beachfront, and scrub forest that provide migratory

and wintering habitat for waterfowl, waterbirds, and other wildlife. The dune ecosystem harbors several types of endangered species and supports diverse habitats for over 200 species of birds. The tracts are adjacent to the largest running Monitoring Avian Productivity and Survivorship (MAPS) program station for migratory birds.

Lower Rio Grande Valley National Wildlife Refuge

Cameron and Hidalgo Counties, Texas

The Service acquired approximately 847 acres for the Lower Rio Grande Valley National Wildlife Refuge. This included a 159-acre donation from Hunt Valley Industrial LLP. This donation followed the opening of a new international bridge to vehicular traffic, in accordance with a four-party agreement executed in 1995 between the Service, Hunt Valley Industrial LLP, the City of McAllen, and the McAllen/Hidalgo/Mission International Bridge Board, to support an international crossing between the United States and Mexico in McAllen,



Roy W. Lowe/USFWS

Nestucca Bay NWR

Texas. The property is adjacent to existing refuge land and is an important link to the Refuge's Rio Grande wildlife corridor. In 2009 and 2011, the Service and the Valley Proud Environmental Council hosted two "Rio Reforestation" events on the property, where the local community planted more than 25,000 native plants. Once restored, this tract will provide valuable native habitat for the federally endangered ocelot and Gulf Coast jaguarundi, as well as wintering and breeding habitat for migratory birds.

Nestucca Bay National Wildlife Refuge

Tillamook County, Oregon

The Service acquired 112 acres for the Nestucca Bay National Wildlife Refuge. This includes more than 20 acres of waterfowl habitat along the tidal-influenced Little Nestucca River. The coastal refuge and much of the newly acquired lands provide a wintering haven for six Canada goose subspecies.

With the assistance of The Nature Conservancy and a private landowner, the Service also acquired a 90-acre tract, which includes 85 acres of former dairy lands that the Service and its partners will restore to native wildlife habitat.

Togiak National Wildlife Refuge

Unorganized Borough, Alaska

The Service acquired 320 acres for the Togiak National Wildlife Refuge. The Service received a tract located along Kagati Lake as a donation from The Conservation Fund, and independently acquired another tract along Goodnews Lake. Both tracts are within a designated wilderness area and contain essential habitat for all five species of Alaska salmon, as well as rainbow trout and Dolly Varden. The area also provides habitat for brown bear, moose, and caribou. The Service acquired a third tract, located along the Matogak River, that contains grayling, arctic char and

king, and silver and red salmon.

Yukon Delta National Wildlife Refuge

Unorganized Borough, Alaska

At Yukon Delta National Wildlife Refuge, the Service acquired three tracts totaling 280 acres. One tract, located along the Kisaralik River, provides valuable habitat for nesting raptors and supports one of the densest populations of breeding golden eagles in North America. The tract also supports several fish species, including rainbow trout, Arctic grayling, and Pacific salmon. Two tracts are located on the banks of the Kwethluk River, which is a clear water tributary of the Kuskokwim River. The Kwethluk River is prime habitat for all five species of Pacific Salmon, rainbow trout, and Dolly Varden.

Changes to this Report

Table 3. National Wildlife Refuges

As of 9/30/2011

State and Unit	PUBLIC LANDS AND WATERS								EASEMENTS			AGREEMENT OR LEASE	TOTAL ACRES	
	Reserved from Public Domain		Designated as Marine National Monuments	Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS				Donated
	Primary Jurisdiction	Secondary Jurisdiction		Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost(\$)			Acres	Cost(\$)			
Alabama														
Bon Secour	0.00	0.00	0.00	32.34	0.00	6,409.83	\$23,274,654.00	135.05	0.00	0.00	\$0.00	0.00	615.00	7,192.22
Cahaba River	0.00	0.00	0.00	0.00	0.00	3,681.23	\$6,335,218.00	0.00	0.00	0.00	\$0.00	0.00	0.00	3,681.23
Choctaw	0.00	0.00	0.00	0.00	E 4,218.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	4,218.00
Eufaula (1)	0.00	0.00	0.00	0.00	E 7,929.00	24.19	\$80,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	7,953.19
Fern Cave	0.00	0.00	0.00	0.00	0.00	199.23	\$110,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	199.23
FSA Interest AL	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	742.69	0.00	\$0.00	0.00	0.00	742.69
Grand Bay (27)	0.00	0.00	0.00	0.00	0.00	1,895.00	\$71,895,000.00	895.00	0.00	0.00	\$0.00	0.00	0.00	2,717.86
Key Cave	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,060.00
Mountain Longleaf	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	257.00	0.00	\$0.00	0.00	0.00	9,015.68
Sauta Cave	0.00	0.00	0.00	0.00	0.00	0.00	\$57,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	264.00
Watercress Darter	0.00	0.00	0.00	0.00	0.00	0.00	\$23,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	24.52
Wheeler	0.00	0.00	0.00	8,322.98	T 25,674.62	249.38	\$149,700.00	183.68	0.00	0.00	\$0.00	0.00	0.00	34,430.66
State Total:	11	0.00	0.00	16,114.00	37,821.62	13,734.38	\$31,466,035.00	2,471.59	742.69	0.00	\$0.00	0.00	615.00	71,499.28
Alaska														
Alaska Maritime	3,370,898.44	AF,N 9,099.00	0.00	0.00	0.00	11,189.18	\$7,803,891.80	0.00	0.00	0.00	\$0.00	26,983.86	6.59	3,418,177.07
Alaska Peninsula	3,456,000.00	0.00	0.00	0.00	0.00	61,000.00	\$2,272,000.00	7,924.59	0.00	0.00	\$0.00	0.00	0.00	3,576,305.29
Arctic	19,210,000.00	0.00	0.00	0.00	0.00	2,218.00	\$2,218,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	19,286,882.19
Becharof	1,200,000.00	0.00	0.00	0.00	0.00	219.55	\$327,800.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,200,219.55
Innoko	3,850,000.00	0.00	0.00	0.00	0.00	479.98	\$292,500.00	0.00	0.00	0.00	\$0.00	0.00	1.07	3,850,481.05
Izembek	302,201.00	N 893.00	0.00	0.00	0.00	0.00	\$0.00	7,994.12	0.00	0.00	\$0.00	0.00	0.00	311,088.12
Kanuti	1,430,000.00	0.00	0.00	0.00	0.00	159.91	\$68,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,430,159.91
Kenai	1,904,472.00	0.00	0.00	0.00	0.00	7,923.07	\$10,619,299.96	0.00	0.00	26.30	\$0.00	0.00	4.03	1,912,425.40
Kodiak	1,656,169.40	0.00	0.00	0.00	0.00	175,504.22	\$106,034,995.84	883.33	0.00	103,470.36	\$2,372,100.00	54,388.86	1.44	1,990,417.61
Koyukuk	3,550,000.00	0.00	0.00	0.00	0.00	159.96	\$96,000.00	0.00	0.00	0.00	\$0.00	0.00	0.54	3,550,160.50
Nowitna	1,560,000.00	0.00	0.00	0.00	0.00	239.99	\$208,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,560,239.99
Selawik	2,150,000.00	0.00	0.00	0.00	0.00	159.98	\$56,000.00	0.00	0.00	0.00	\$0.00	0.00	2.01	2,150,161.99
Tetlin	700,000.00	0.00	0.00	0.00	0.00	5.00	\$15,500.00	0.00	0.00	0.00	\$0.00	0.00	53.54	700,058.54
Togiak	4,097,430.00	0.00	0.00	0.00	0.00	5,705.93	\$6,951,000.00	349.91	0.00	0.00	\$0.00	0.00	1.29	4,103,487.13
Yukon Delta	19,120,638.00	BIA 63.00	0.00	0.00	0.00	25,717.90	\$1,003,000.00	0.00	0.00	17,355.81	\$0.00	0.00	1.69	19,163,776.40
Yukon Flats	8,630,000.00	0.00	0.00	0.00	0.00	6,310.67	\$2,720,500.00	0.00	0.00	0.00	\$0.00	0.00	0.53	8,636,311.20
State Total:	16	76,241,823.84	10,055.00	0.00	0.00	318,862.54	\$138,940,487.60	67,311.90	0.00	120,852.47	\$2,372,100.00	81,372.72	73.47	76,840,351.94

Now online

www.fws.gov/refuges/land/LandReport.html

The Annual Report of Lands has undergone substantial revisions this year. In order to conserve resources, most tables have been moved to an online appendix. If viewing this report online, please click this link to view these tables. Otherwise, visit the Service's Land Reports page for a list of all available reports <www.fws.gov/refuges/land/LandReport.html>.

Additional easement information
Also new in FY 2011, the Service's tables break out easement acquisitions. Past reports combined the acres for easements, agreements, and leases into a single column, and did not identify the acres or dollars associated with those acquisitions. The new Report tables have been revised to better recognize the role of easement acquisitions in the

Service's conservation efforts. The vast majority of the Service's easements are perpetual conservation easements that permanently protect wildlife habitat. In contrast, most the Service's leases and agreements expire after a number of years, and generally do not provide permanent habitat protection; hence the need to report them separately. This additional information also necessitated switching from portrait to landscape formats.

Data changes
The tables in this report may show some changes from previous annual reports. For example, decreases in acreage figures may reflect expired leases, real property disposals made in land exchanges, or property transfers. An increase or decrease may be noted after new property surveys are completed or

when additional information is entered into the database after the data has been transmitted from the Regions for publication. Other changes result from corrections to previously entered data or data omissions.

Comments or suggestions?
If you have comments or suggestions as to how we can improve this report, please contact Simi Batra at simi_batra@fws.gov or 703/358 2321, or Ken Fowler at ken_fowler@fws.gov or 703/358 1876.

Statistical Data Tables

The appendix to this report contains 10 statistical data tables that paint a comprehensive picture of the lands and waters under control of the Fish and Wildlife Service. The Service and its predecessors have published these data tables every year since 1946.

As previously noted, the hard copy version of this report contains a summary of these data tables. The full, unabridged version of all 10 tables is available on the Service's web site <www.fws.gov/refuges/land/LandReport.html>.

Page 28: All Lands Under Control of the Fish and Wildlife Service
(Same as Table 1)

Page 29: Fish and Wildlife Service Acquisitions in Fiscal Year 2011
(Abridged version of Table 2A)

Online Appendix

Table 1: FWS Lands and Waters

Table 2: FWS Lands and Waters by States and Territories

Table 2A: Fiscal Year 2011 Summary

Table 3: National Wildlife Refuges

Table 4: Waterfowl Production Areas

Table 5: Coordination Areas

Table 6: Administrative Sites

Table 7: National Fish Hatcheries

Table 8: Wilderness Areas in National Wildlife Refuges

Table 9: Migratory Waterfowl Refuges on Federal Water Resource Projects

Table 10: National Monuments

All Lands Under Control of the Fish and Wildlife Service

As of 9/30/2011

Category	PUBLIC LANDS AND WATERS									EASEMENTS				AGREEMENT OR LEASE	TOTAL ACRES
	Reserved from Public Domain		Designated as Marine National Monuments	Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS		Donated			
	Primary Jurisdiction	Secondary Jurisdiction		Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost(\$)			Acres	Cost(\$)				
National Wildlife Refuges	555	81,372,918.44	597,731.33	52,232,759.00	3,449,254.37	929,542.33	4,386,417.32	\$2,149,597,840.89	783,019.40	65,040.36	499,023.16	\$176,387,571.52	221,445.99	737,801.54	145,274,953.24
Waterfowl Production Areas	206	15,897.64	0.00	0.00	27,974.05	0.00	705,934.43	\$245,334,398.49	17,789.07	69,191.37	2,475,048.77	\$250,345,794.92	232,394.93	1,560.00	3,545,790.26
Coordination Areas	50	56,586.61	0.00	0.00	139,252.89	55,739.14	2,871.29	\$322,677.00	25.00	0.00	0.00	\$0.00	0.00	0.00	254,474.93
Total of Refuge System	811	81,445,402.69	597,731.33	52,232,759.00	3,616,481.31	985,281.47	5,095,223.04	\$2,395,254,916.38	800,833.47	134,231.73	2,974,071.93	\$426,733,366.44	453,840.92	739,361.54	149,075,218.43
Administrative Sites	46	53.00	0.00	0.00	8.57	0.00	731.72	\$12,942,374.05	0.75	6.22	0.50	\$1,030,000.00	4.89	63.97	869.62
National Fish Hatcheries	71	3,607.09	987.09	0.00	2,421.26	3,662.06	5,425.28	\$3,537,689.59	1,359.64	176.04	507.91	\$246,836.06	3,184.51	332.71	21,663.59
National Monuments	6	0.00	0.00	157,012,428.00	0.00	32,965.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	157,045,393.00
Total outside Refuge System	123	3,660.09	987.09	157,012,428.00	2,429.83	36,627.06	6,157.00	\$16,480,063.64	1,360.39	182.26	508.41	\$1,276,836.06	3,189.40	396.68	157,067,926.21
Grand Total:	934	81,449,062.78	598,718.42	209,245,187.00	3,618,911.14	1,021,908.53	5,101,380.04	\$2,411,734,980.02	802,193.86	134,413.99	2,974,580.34	\$428,010,202.50	457,030.32	739,758.22	306,143,144.64

Category Definitions

The following definitions are used for this report and do not necessarily reflect the definitions found in 50 CFR 25.12.

National Wildlife Refuges include the Refuge System lands, waters, and interests administered by the Service as wildlife refuges, wildlife ranges, wildlife management areas, game preserves, and conservation areas.

Waterfowl Production Areas (WPAs) are Refuge System lands comprised of small natural wetlands and grasslands that provide breeding, resting, and nesting habitat for millions of waterfowl, shorebirds, grassland birds, and other wildlife. Approximately 95 percent of WPA lands are located within the Prairie Pothole Region states of Iowa, Minnesota, Montana, North Dakota, and South Dakota. WPA lands are grouped by county and administered by one of the Service's 38 wetland management districts.

Coordination Areas are Refuge System lands managed by states under cooperative agreements between the Service and state fish and wildlife agencies.

Administrative Sites are Service-owned maintenance facilities, offices, and off-site visitor centers that are not located on Refuge System lands.

National Fish Hatcheries are facilities where fish are raised. Hatchery objectives are to replenish depleted stocks, to mitigate federal water projects, to assist with the management of fishery resources on federal and Indian lands, and to enhance recreational activities.

National Monuments, which include marine national monuments, are areas designated by Presidential Proclamation and established under the authority of the Antiquities Act of 1906. This includes the submerged lands and waters designated by Presidential Proclamations 8031, 8112, 8335, 8336, or 8337, and the lands designated by Presidential Proclamation 7319. For the purposes of this report, this category includes only the Service-managed or co-managed areas within a national monument that are outside the Refuge System. National monument areas within the Refuge System are counted in the "National Wildlife Refuges" category total. Table 10 provides a full breakdown of monument acreage.

Column Definitions

Reserved from Public Domain refers to public lands the United States obtained title to through treaty, purchase, or annexation that have never left federal ownership. These lands are considered "reserved" when they have been designated for a specific purpose by an Executive Order, Act of Congress, or Public Land Order. *Primary Jurisdiction* refers to lands reserved from the public domain for the Service, typically for wildlife conservation purposes. *Secondary Jurisdiction* refers to lands reserved from the public domain for another agency, for which the Service has some management responsibility.

Designated as Marine National Monuments refers to submerged lands and waters designated for protection by Presidential Proclamation. Pursuant to Secretary's Orders 3224 and 3284, the Service is the designated manager for the Marianas Trench, Pacific Remote Islands, and Rose Atoll Marine National Monuments. The Service also co-manages the Papahānaumokuākea Marine National Monument. The Service manages approximately one-quarter of the total monument area as part of the Baker Island, Hawaiian Islands, Howland Island, Jarvis Island, Mariana Trench, Mariana Arc of Fire, Midway Atoll, and Wake Atoll NWRs. The remaining portions of the marine national monuments are located outside refuge boundaries, and outside the Refuge System, yet still co-managed by the Service.

Acquired by Other Federal Agencies refers to lands and interests in land acquired by other federal agencies (e.g., lands purchased from private landowners by the U.S. military), for which the Service has some management responsibility. *Primary Jurisdiction* refers to lands that were acquired by other federal agencies and transferred to the Service, typically to manage as wildlife habitat. *Secondary Jurisdiction* refers to lands acquired by other federal agencies, for which the Service has some management responsibility through an interagency agreement.

Purchased by FWS refers to lands and interests in land purchased by the Service.

Donated refers to lands and interests in land donated to the Service. This includes lands protected when partners brought funds to the table in a transaction and purchased lands for the Service.

Agreement or Lease refers to agreements and leases the Service has entered into with other parties (e.g., landowners, states) to manage their land, or an interest in land, typically for a finite period.

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	Reserved from Public Domain		Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS		Donated			
	Primary Jurisdiction	Secondary Jurisdiction	Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost (\$)			Acres	Cost (\$)				
Alabama														
Bon Secour NWR	0.00	0.00	0.00	0.00	40.00	\$264,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	40.00
Cahaba River NWR	0.00	0.00	0.00	0.00	73.00	\$255,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	73.00
State Total:	0.00	0.00	0.00	0.00	113.00	\$519,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	113.00
Alaska														
Alaska Maritime NWR	266.00	0.00	0.00	0.00	154.16	\$126,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	420.16
Becharof NWR	0.00	0.00	0.00	0.00	159.98	\$134,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	159.98
Galena ADMIN	0.00	0.00	0.00	0.00	0.72	\$378,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.72
Kanuti NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	-0.26	-0.26
McLees Lake ADMIN	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	-0.01	-0.01
Nowitna NWR	0.00	0.00	0.00	0.00	239.99	\$208,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	239.99
Togiak NWR	0.00	0.00	0.00	0.00	319.91	\$464,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	319.91
Yukon Delta NWR	0.00	0.00	0.00	0.00	279.97	\$235,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	279.97
Yukon Flats NWR	0.00	0.00	0.00	0.00	479.86	\$238,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	479.86
State Total:	266.00	0.00	0.00	0.00	1,634.59	\$1,783,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	-0.27	1,900.32
Arizona														
Kofa NWR	0.00	0.00	0.00	0.00	79.68	\$80,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	79.68
Leslie Canyon NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	3,221.45	\$458,084.61	0.00	0.00	0.00	3,221.45
State Total:	0.00	0.00	0.00	0.00	79.68	\$80,000.00	0.00	0.00	3,221.45	\$458,084.61	0.00	0.00	0.00	3,301.13
Arkansas														
Cache River NWR	0.00	0.00	0.00	0.00	451.23	\$1,435,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	451.23
Pond Creek NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	108.95	0.00	0.00	\$0.00	0.00	0.00	0.00	108.95
State Total:	0.00	0.00	0.00	0.00	451.23	\$1,435,500.00	108.95	0.00	0.00	\$0.00	0.00	0.00	0.00	560.18
California														
Don Edwards San Fran. Bay NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	360.00	0.00	360.00
Humboldt Bay NWR	0.00	0.00	0.00	0.00	166.74	\$1,238,240.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	166.74
San Diego NWR	0.00	0.00	0.00	0.00	26.72	\$409,400.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	26.72
San Joaquin River NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	196.84	\$1,935,360.00	0.00	0.00	0.00	196.84
San Pablo Bay NWR	0.00	0.00	3,310.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	3,310.00
Stone Lakes NWR	0.00	0.00	0.00	0.00	104.43	\$400,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	104.43
Tulare Basin WMA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,621.00	\$3,185,000.00	89.44	0.00	0.00	1,710.44
Willow Creek-Lurline WMA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	14.10	\$75,000.00	0.00	0.00	0.00	14.10
State Total:	0.00	0.00	3,310.00	0.00	297.89	\$2,047,640.00	0.00	0.00	1,831.94	\$5,195,360.00	89.44	360.00	0.00	5,889.27
Delaware														
Bombay Hook NWR	0.00	0.00	0.00	0.00	273.00	\$455,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	273.00
State Total:	0.00	0.00	0.00	0.00	273.00	\$455,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	273.00
Florida														
Hobe Sound NWR	0.00	0.00	0.00	0.00	0.45	\$117,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.45
Lake Wales Ridge NWR	0.00	0.00	0.00	0.00	1.25	\$31,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	1.25
Lower Suwannee NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	14.00	0.00	0.00	\$0.00	0.00	0.00	0.00	14.00

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	Reserved from Public Domain		Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS		Donated		
	Primary Jurisdiction	Secondary Jurisdiction	Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost (\$)			Acres	Cost (\$)			
Florida (Continued)													
National Key Deer NWR	0.00	0.00	0.00	0.00	13.10	\$131,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	13.10
State Total:	0.00	0.00	0.00	0.00	14.80	\$279,000.00	14.00	0.00	0.00	\$0.00	0.00	0.00	28.80
Hawaii													
James Campbell NWR	0.00	0.00	0.00	0.00	309.81	\$10,428,660.00	0.00	0.00	0.00	\$0.00	0.00	0.00	309.81
State Total:	0.00	0.00	0.00	0.00	309.81	\$10,428,660.00	0.00	0.00	0.00	\$0.00	0.00	0.00	309.81
Idaho													
Bear Lake NWR	0.00	0.00	0.00	0.00	119.08	\$64,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	119.08
State Total:	0.00	0.00	0.00	0.00	119.08	\$64,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	119.08
Illinois													
Crab Orchard NWR	0.00	0.00	-8.02	0.00	74.13	\$169,600.00	0.00	0.00	0.00	\$0.00	0.00	0.00	66.11
Middle Mississippi River NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	291.84	0.00	0.00	\$0.00	0.00	0.00	291.84
State Total:	0.00	0.00	-8.02	0.00	74.13	\$169,600.00	291.84	0.00	0.00	\$0.00	0.00	0.00	357.95
Indiana													
Patoka River NWR	0.00	0.00	0.00	0.00	16.00	\$17,300.00	173.50	0.00	0.00	\$0.00	0.00	0.00	189.50
State Total:	0.00	0.00	0.00	0.00	16.00	\$17,300.00	173.50	0.00	0.00	\$0.00	0.00	0.00	189.50
Iowa													
Iowa WMD	0.00	0.00	0.00	0.00	274.20	\$1,274,300.00	0.00	0.00	0.00	\$0.00	0.00	0.00	274.20
Upper Mississippi River NWR	0.00	0.00	0.00	0.00	13.39	\$32,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	13.39
State Total:	0.00	0.00	0.00	0.00	287.59	\$1,306,300.00	0.00	0.00	0.00	\$0.00	0.00	0.00	287.59
Kansas													
Flint Hills Legacy CA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	4.24	0.00	4.24
State Total:	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	4.24	0.00	4.24
Kentucky													
Clarks River NWR	0.00	0.00	0.00	0.00	37.69	\$94,840.00	0.00	0.00	0.00	\$0.00	0.00	0.00	37.69
Ohio River Islands NWR	0.00	0.00	0.00	0.00	4.15	\$30,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	4.15
State Total:	0.00	0.00	0.00	0.00	41.84	\$124,840.00	0.00	0.00	0.00	\$0.00	0.00	0.00	41.84
Louisiana													
Red River NWR	0.00	0.00	0.00	0.00	1,159.42	\$1,534,536.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,159.42
Upper Ouachita NWR	0.00	0.00	0.00	0.00	639.60	\$1,280,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	639.60
State Total:	0.00	0.00	0.00	0.00	1,799.02	\$2,814,536.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,799.02
Maine													
Moosehorn NWR	0.00	0.00	0.00	0.00	21.10	\$32,000.00	215.00	0.00	0.00	\$0.00	0.00	0.00	236.10
Petit Manan NWR	0.00	0.00	0.00	0.00	8.86	\$385,000.00	21.30	0.00	0.00	\$0.00	0.00	0.00	30.16
Umbagog NWR	0.00	0.00	0.00	0.00	275.27	\$239,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	275.27
State Total:	0.00	0.00	0.00	0.00	305.23	\$656,000.00	236.30	0.00	0.00	\$0.00	0.00	0.00	541.53
Maryland													
Blackwater NWR	0.00	0.00	0.00	0.00	498.70	\$1,990,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	498.70
State Total:	0.00	0.00	0.00	0.00	498.70	\$1,990,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	498.70

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	Reserved from Public Domain		Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS		Donated			
	Primary Jurisdiction	Secondary Jurisdiction	Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost (\$)			Acres	Cost (\$)				
Massachusetts														
Parker River NWR	0.00	0.00	0.00	0.00	74.70	\$423,002.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	74.70
Silvio O. Conte NWR	0.00	0.00	0.00	0.00	62.22	\$1,393,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	62.22
State Total:	0.00	0.00	0.00	0.00	136.92	\$1,816,502.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	136.92
Michigan														
Detroit River NWR	0.00	0.00	0.00	0.00	104.97	\$648,200.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	104.97
Michigan Islands NWR	0.00	0.00	0.00	0.00	144.00	\$446,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	144.00
State Total:	0.00	0.00	0.00	0.00	248.97	\$1,094,200.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	248.97
Minnesota														
Beltrami COORD	0.00	0.00	0.00	0.00	400.00	\$69,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	400.00
Big Stone WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	148.12	\$213,375.00	0.00	0.00	0.00	148.12
Crane Meadows NWR	0.00	0.00	0.00	0.00	150.00	\$360,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	150.00
Detroit Lakes WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	523.00	\$410,400.00	0.00	0.00	0.00	523.00
Fergus Falls WMD	0.00	0.00	0.00	0.00	6.29	\$93,500.00	80.10	0.00	147.40	\$85,607.00	0.00	0.00	0.00	233.79
Glacial Ridge NWR	0.00	0.00	0.00	0.00	8,238.47	\$1,000,000.00	138.63	0.00	0.00	\$0.00	0.00	0.00	0.00	8,377.10
Morris WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,622.35	\$1,864,300.00	0.00	0.00	0.00	1,622.35
No. Tallgrass Prairie NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	66.04	\$74,325.00	0.00	0.00	0.00	66.04
Tamarac NWR	0.00	0.00	0.00	0.00	5.50	\$190,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	5.50
Windom WMD	0.00	0.00	0.00	0.00	-0.27	\$0.00	13.16	0.00	40.00	\$95,325.00	0.00	0.00	0.00	52.89
State Total:	0.00	0.00	0.00	0.00	8,799.99	\$1,712,500.00	231.89	0.00	2,546.91	\$2,743,332.00	0.00	0.00	0.00	11,578.79
Mississippi														
FSA Interest MS	0.00	0.00	-399.59	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	-399.59
St. Catherine Creek NWR	0.00	0.00	0.00	0.00	160.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	160.00
State Total:	0.00	0.00	-399.59	0.00	160.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	-239.59
Missouri														
Big Muddy NWR	0.00	0.00	0.00	0.00	310.54	\$396,800.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	310.54
State Total:	0.00	0.00	0.00	0.00	310.54	\$396,800.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	310.54
Montana														
Bowdoin WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,926.50	\$419,500.00	0.00	0.00	0.00	1,926.50
Lost Trail NWR	0.00	0.00	0.00	0.00	70.87	\$190,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	70.87
NE Montana WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	115.00	0.00	0.00	115.00
Red Rock Lakes NWR	0.00	0.00	0.00	0.00	303.00	\$1,552,081.00	37.00	0.00	700.61	\$417,000.00	0.00	0.00	0.00	1,040.61
Rocky Mountain Front CA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	10,325.65	\$2,125,000.00	0.00	0.00	0.00	10,325.65
State Total:	0.00	0.00	0.00	0.00	373.87	\$1,742,081.00	37.00	0.00	12,952.76	\$2,961,500.00	115.00	0.00	0.00	13,478.63
Nebraska														
Rainwater Basin WMD	0.00	0.00	0.00	0.00	-2.16	\$0.00	0.00	0.00	0.88	\$0.00	78.90	0.00	0.00	77.62
State Total:	0.00	0.00	0.00	0.00	-2.16	\$0.00	0.00	0.00	0.88	\$0.00	78.90	0.00	0.00	77.62
Nevada														
Sheldon NWR	0.00	0.00	0.00	0.00	20.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	20.00

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State and Unit	PUBLIC LANDS AND WATERS							EASEMENTS				AGREEMENT OR LEASE	TOTAL ACRES	
	Reserved from Public Domain		Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS		Donated			
	Primary Jurisdiction	Secondary Jurisdiction	Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost (\$)			Acres	Cost (\$)				
Nevada (Continued)														
Stillwater	NWR	0.00	0.00	0.00	0.00	966.14	\$2,171,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	966.14
State Total:		0.00	0.00	0.00	0.00	966.14	\$2,171,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	966.14
New Hampshire														
Silvio O. Conte	NWR	0.00	0.00	0.00	0.00	833.84	\$1,176,000.00	21.15	0.00	0.00	\$0.00	0.00	0.00	854.99
Umbagog	NWR	0.00	0.00	0.00	0.00	3,116.04	\$3,305,000.00	0.00	0.00	0.00	\$0.00	2.82	0.00	3,118.86
State Total:		0.00	0.00	0.00	0.00	3,949.88	\$4,481,000.00	21.15	0.00	0.00	\$0.00	2.82	0.00	3,973.85
New Jersey														
Cape May	NWR	0.00	0.00	0.00	0.00	71.20	\$231,200.00	2.00	0.00	0.00	\$0.00	0.00	0.00	73.20
Edwin B. Forsythe	NWR	0.00	0.00	0.00	0.00	345.19	\$853,435.00	0.00	0.00	0.00	\$0.00	0.00	0.00	345.19
Wallkill River	NWR	0.00	0.00	0.00	0.00	165.59	\$1,116,499.54	61.58	0.00	0.00	\$0.00	0.00	2.08	229.25
State Total:		0.00	0.00	0.00	0.00	581.98	\$2,201,134.54	63.58	0.00	0.00	\$0.00	0.00	2.08	647.64
North Carolina														
Currituck	NWR	0.00	0.00	0.00	0.00	3.73	\$200,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	3.73
State Total:		0.00	0.00	0.00	0.00	3.73	\$200,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	3.73
North Dakota														
Audubon	WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	3,909.46	\$845,255.00	2,810.54	0.00	6,720.00
Chase Lake Prairie Project	WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	537.38	0.00	2,054.21	\$459,550.00	2,954.97	0.00	5,546.56
Crosby	WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,161.65	\$176,675.00	229.62	0.00	1,391.27
Dakota Grassland	CA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	1,070.76	0.00	1,070.76
Dakota Tallgrass Prairie	WMA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	287.13	\$71,650.00	0.00	0.00	287.13
Devils Lake	WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	931.17	\$505,825.00	0.00	0.00	931.17
J. Clark Salyer	WMD	0.00	0.00	0.00	0.00	7.40	\$14,800.00	0.00	0.00	720.00	\$231,650.00	1,370.00	0.00	2,097.40
Kulm	WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	608.00	\$189,525.00	3,199.92	0.00	3,807.92
Long Lake	WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	2,391.32	\$593,480.00	3,277.90	0.00	5,669.22
North Dakota	WMA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	3,382.04	\$974,565.00	0.00	0.00	3,382.04
Tewaukon	WMD	0.00	0.00	1,215.64	0.00	0.00	\$0.00	0.00	0.00	187.48	\$139,100.00	0.00	0.00	1,403.12
Valley City	WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	404.00	\$371,425.00	0.00	0.00	404.00
State Total:		0.00	0.00	1,215.64	0.00	7.40	\$14,800.00	537.38	0.00	16,036.46	\$4,558,700.00	14,913.71	0.00	32,710.59
Oklahoma														
Deep Fork	NWR	0.00	0.00	0.00	0.00	53.75	\$57,150.00	0.00	0.00	0.00	\$0.00	0.00	0.00	53.75
State Total:		0.00	0.00	0.00	0.00	53.75	\$57,150.00	0.00	0.00	0.00	\$0.00	0.00	0.00	53.75
Oregon														
Hart Mountain	NWR	0.00	0.00	0.00	0.00	179.94	\$41,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	179.94
Nestucca Bay	NWR	0.00	0.00	0.00	0.00	111.88	\$643,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	111.88
Tualatin River	NWR	0.00	0.00	0.00	0.00	32.00	\$275,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	32.00
State Total:		0.00	0.00	0.00	0.00	323.82	\$960,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	323.82
Pennsylvania														
Cherry Valley	NWR	0.00	0.00	0.00	0.00	186.45	\$750,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	186.45
State Total:		0.00	0.00	0.00	0.00	186.45	\$750,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	186.45

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State and Unit	PUBLIC LANDS AND WATERS								EASEMENTS				AGREEMENT OR LEASE	TOTAL ACRES
	Reserved from Public Domain		Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS		Donated			
	Primary Jurisdiction	Secondary Jurisdiction	Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost (\$)			Acres	Cost (\$)				
Rhode Island														
John H. Chafee NWR	0.00	0.00	0.00	0.00	27.13	\$1,173,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	27.13
Ninigret NWR	0.00	0.00	0.00	0.00	0.46	\$162,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.46
State Total:	0.00	0.00	0.00	0.00	27.59	\$1,335,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	27.59
South Carolina														
Carolina Sandhills NWR	0.00	0.00	0.00	0.00	150.00	\$300,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	150.00
Santee NWR	0.00	0.00	0.00	0.00	33.13	\$194,200.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	33.13
Waccamaw NWR	0.00	0.00	0.00	0.00	231.57	\$1,717,600.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	231.57
State Total:	0.00	0.00	0.00	0.00	414.70	\$2,211,800.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	414.70
South Dakota														
Dakota Grassland CA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	2,262.71	\$1,297,075.00	0.00	0.00	0.00	2,262.71
Dakota Tallgrass Prairie WMA	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	1,623.59	\$845,014.00	0.00	0.00	0.00	1,623.59
Huron WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	3,151.73	\$1,495,598.00	3,577.35	0.00	0.00	6,729.08
Lake Andes WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	732.86	\$606,725.00	251.64	0.00	0.00	984.50
Madison WMD	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	2,488.28	\$1,850,025.00	3,786.69	0.00	0.00	6,274.97
Sand Lake WMD	0.00	0.00	0.00	0.00	72.10	\$50,000.00	0.00	0.00	1,947.08	\$679,775.00	2,093.49	0.00	0.00	4,112.67
Waubay WMD	0.00	0.00	0.00	0.00	208.64	\$350,000.00	0.00	0.00	2,542.58	\$1,173,975.00	0.00	0.00	0.00	2,751.22
State Total:	0.00	0.00	0.00	0.00	280.74	\$400,000.00	0.00	0.00	14,748.83	\$7,948,187.00	9,709.17	0.00	0.00	24,738.74
Tennessee														
Chickasaw NWR	0.00	0.00	0.00	0.00	182.38	\$348,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	182.38
Lower Hatchie NWR	0.00	0.00	0.00	0.00	837.86	\$1,910,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	837.86
State Total:	0.00	0.00	0.00	0.00	1,020.24	\$2,258,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	1,020.24
Texas														
Anahuac NWR	0.00	0.00	0.00	0.00	7.25	\$46,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	7.25
Attwater Prairie Chicken NWR	0.00	0.00	0.00	0.00	3.00	\$31,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	3.00
Balcones Canyonlands NWR	0.00	0.00	0.00	0.00	350.09	\$1,500,000.00	0.00	0.00	0.00	\$0.00	14.12	0.00	0.00	364.21
Laguna Atascosa NWR	0.00	0.00	0.00	0.00	203.42	\$559,416.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	203.42
Lower Rio Grande Valley NWR	0.00	0.00	0.00	0.00	623.19	\$1,730,234.00	159.32	0.00	0.00	\$0.00	0.00	0.00	65.00	847.51
Neches River NWR	0.00	0.00	0.00	0.00	172.94	\$302,600.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	172.94
San Bernard NWR	0.00	0.00	0.00	0.00	1,591.33	\$1,396,817.00	0.00	0.00	0.00	\$0.00	109.64	0.00	0.00	1,700.97
Trinity River NWR	0.00	0.00	0.00	0.00	160.62	\$160,500.00	20.71	0.00	0.00	\$0.00	0.00	0.00	0.00	181.33
State Total:	0.00	0.00	0.00	0.00	3,111.84	\$5,727,067.00	180.03	0.00	0.00	\$0.00	123.76	65.00	0.00	3,480.63
Utah														
Bear River NWR	0.00	0.00	0.00	0.00	271.61	\$825,930.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	271.61
State Total:	0.00	0.00	0.00	0.00	271.61	\$825,930.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	271.61
Vermont														
Missisquoi NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	457.80	0.00	0.00	\$0.00	0.00	10.00	0.00	467.80
Silvio O. Conte NWR	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
State Total:	0.00	0.00	0.00	0.00	0.00	\$0.00	457.80	0.00	0.00	\$0.00	0.00	10.00	0.00	467.80

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State and Unit	PUBLIC LANDS AND WATERS							EASEMENTS					AGREEMENT OR LEASE	TOTAL ACRES
	Reserved from Public Domain		Acquired by Other Federal Agency		Purchased by FWS		Donated	Acquired by Other Federal Agency	Purchased by FWS		Donated			
	Primary Jurisdiction	Secondary Jurisdiction	Primary Jurisdiction	Secondary Jurisdiction	Acres	Cost (\$)			Acres	Cost (\$)				
Virginia														
Great Dismal Swamp NWR	0.00	0.00	0.00	0.00	232.53	\$1,409,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	232.53
State Total:	0.00	0.00	0.00	0.00	232.53	\$1,409,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	232.53
Washington														
Lyons Ferry NFH	0.00	0.00	3.60	0.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	3.60
Mcnary NWR	-11.46	0.00	0.00	0.00	54.02	\$0.00	7.64	0.00	0.00	2.50	\$0.00	0.00	0.00	52.70
Moses Lake ADMIN	0.00	0.00	-0.83	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	-0.83
Nisqually NWR	0.00	0.00	0.00	0.00	44.22	\$374,000.00	0.00	0.00	0.00	2.06	\$0.00	0.00	0.00	46.28
Ridgefield NWR	0.00	0.00	0.00	0.00	10.40	\$37,000.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	10.40
Turnbull NWR	0.00	0.00	0.00	0.00	398.66	\$640,000.00	0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	398.66
State Total:	-11.46	0.00	2.77	0.00	507.30	\$1,051,000.00	7.64	0.00	0.00	4.56	\$0.00	0.00	0.00	510.81
West Virginia														
Canaan Valley NWR	0.00	0.00	0.00	0.00	304.56	\$3,777,345.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	304.56
Ohio River Islands NWR	0.00	0.00	0.00	0.00	17.74	\$139,000.00	0.00	0.00	0.00	\$10,000.00	0.00	0.00	0.00	17.74
State Total:	0.00	0.00	0.00	0.00	322.30	\$3,916,345.00	0.00	0.00	0.00	\$10,000.00	0.00	0.00	0.00	322.30
Wisconsin														
Leopold WMD	0.00	0.00	0.00	0.00	362.37	\$2,013,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	362.37
Necedah NWR	0.00	0.00	-45.08	0.00	20.00	\$0.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	-25.08
St. Croix WMD	0.00	0.00	0.00	0.00	60.27	\$178,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	60.27
Trempealeau NWR	0.00	0.00	0.00	0.00	0.50	\$125,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.50
Upper Mississippi River NWR	0.00	0.00	0.00	0.00	125.65	\$251,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	125.65
State Total:	0.00	0.00	-45.08	0.00	568.79	\$2,567,500.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	523.71
Wyoming														
Seedskaadee NWR	0.00	0.00	0.00	0.00	2.50	\$110,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	2.50
State Total:	0.00	0.00	0.00	0.00	2.50	\$110,000.00	0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	2.50
Grand Total:	254.54	0.00	4,075.72	0.00	29,197.01	\$63,579,685.54	2,361.06	0.00	51,343.79	\$23,875,163.61	25,037.04	436.81	112,705.97	

To conserve space, this table summarizes FY WPA acquisitions by wetland management district. For the full list of FY WPA acquisitions by county, download the online appendix from the Service's Land Reports page <www.fws.gov/refuges/land/LandReport.html>.

Footnotes

ADMIN Administrative Site
CA Conservation Area
COORD Coordination Area
NFH National Fish Hatchery
NWR National Wildlife Refuge
WMA Wildlife Management Area
WMD Wetland Management District (manages waterfowl production areas within one or more counties)

All photographs in this report were taken by Service employees or our partners. In FY 2011, the U.S. FWS Division of Realty held its first annual contest to collect pictures of lands acquired during the fiscal year. Of the nearly 80 submissions, Ken Sturm's submission for Missisquoi National Wildlife Refuge was chosen as the overall winner.

2012 Photo Contest

For the 2012 contest, we encourage photo submissions of lands acquired during FY 2012 (October 1, 2011 – September 30, 2012). For more information, please see the photo contest page at <<http://www.fws.gov/refuges/realty/contest.html>>.

U.S. Fish & Wildlife Service
<http://www.fws.gov>

August 2012

