



**NATIONAL FISH
AND WILDLIFE FOUNDATION
CONSERVATION INVESTMENTS**

2012





The National Fish and Wildlife Foundation works to protect and restore the health of ecosystems so our native species can thrive.

Since our founding by Congress in 1984, we've become one of the largest conservation funders in the world. We bring public and private partners together to support science-based projects and community-driven solutions.

In FY 2012, we awarded 505 grants with a total value of more than \$192 million in conservation funding.

UNITED STATES

ALABAMA

Alabama Forest Resources Center

Enon & Sehoy Plantations Red-Cockaded Woodpecker Recovery (AL)

Work towards the long-term goal of establishing a contiguous, viable population of 30 Red-cockaded Woodpecker groups by 2015 on Enon and Sehoy plantations by providing cavity inserts, and conducting translocations, monitoring and other management techniques. Project will plant 125,000 longleaf seedlings on 250 acres, survey approximately 3,000 acres for American chaffseed and hold at least three landowner outreach group meetings.
\$135,000

Dog River Clearwater Revival

Dog River Watershed Habitat Restoration and Education (AL)

Plant 12,000 native plants ultimately restoring two acres of emergent fresh and saltwater wetlands. This project also will remove approximately 5,000 pounds of debris and transplant aquatic vegetation, improving water quality and revitalizing healthy habitats for the Alabama Red Bellied Turtle and West Indian Manatee.
\$23,389

Federation of Southern Cooperatives/ Land Assistance Fund, Inc.

Engaging Limited Resource Landowners in Longleaf Restoration (AL)

Build capacity to engage socially disadvantaged landowners in longleaf pine restoration. Project will engage over 200 landowners and impact approximately 5,000 acres in Alabama.
\$75,843

Freshwater Land Trust

Stream Bank Restoration at Turkey Creek Preserve (AL)

Remove a small poured concrete dam located within a 226 acre preserve on Turkey Creek, providing an additional half-mile of habitat to the vermilion darter and other aquatic life. In addition, project will revegetate .25 acres with 500 native trees, shrubs and grass plugs to stabilize the streambanks and provide important riparian and forested habitat.
\$24,991

Friends of the Cahaba River

National Wildlife Refuge

Community Outreach for the Cahaba River National Wildlife Refuge (AL)

Implement a community outreach program to promote the Friends group and the Cahaba River National Wildlife Refuge. Project will produce a brochure and electronic newsletters and will include speaking engagements and a select mailing campaign.
\$4,000

Gulf of Maine Research Institute

Fishery Science & Management Education for Gulf Fishermen

Build regional capacity to develop and deliver a fishery science and management education program for Gulf of Mexico fisheries stakeholders.
\$125,000

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

National Wild Turkey Federation, Inc.

Red-Cockaded Woodpecker Habitat Restoration (AL) — II

Restore 1,200 acres of habitat within the Talladega National Forest by conducting mid-story hardwood removal in order to facilitate Red-cockaded Woodpecker population expansion.
\$75,000

Operation Migration—USA

Whooping Crane Reintroduction to Southeastern U.S. — II

Reintroduce whooping cranes to the Southeast U.S., potentially adding 45 cranes toward the goal of achieving a self-sustaining population. Project will use ultralight aircraft to teach migration route.
\$172,599

The Longleaf Alliance, Inc.

Strengthening Bird Conservation within the Gulf Coastal Plain Ecosystem

Manage and restore critical bird habitat within the Gulf Coastal Plain Ecosystem. Project will use prescribed burning, mechanical treatment, invasive species control and ecological monitoring on over 45,000 acres of public and private lands benefitting rare bird species.
\$158,460

The Nature Conservancy

Longleaf Pine Ecosystem Restoration and Outreach (AL, FL)

Provide technical and on-the-ground restoration assistance to family forest landowners interested in managing or restoring longleaf pine on their lands using prescribed fire. Project will plant longleaf on 100 acres and implement hydrologic and ground integrity restoration at Splinter Hill Bog Preserve, including a portion of the Carrigan Addition, showcasing restoration efforts during two field days.
\$150,000

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership

and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

ALASKA

Alaska Department of Fish and Game Annual Movements of Dusky Canada Geese Nesting in Alaska

Use satellite telemetry to track movements of dusky Canada geese in the Copper River Delta of Alaska. Project results will aid in broad scale management activities related to habitat use, harvest management and population inventory.
\$62,700

Alaska Marine Conservation Council Securing Community Opportunity in Kodiak's Jig Fishery (AK)

Work with the network of community-based fishery initiatives to strategically address barriers and create incentives needed for the jig fishery to fulfill its promise as a successful local, entry-level fishery.
\$90,000

Environment for the Americas, Inc.

Celebra las Playeras: Engaging Latinos in Natural Resource Careers and Conservation Action

Collaborate with the U.S. Forest Service and the Bureau of Land Management on Celebra las Playeras (Celebrate Shorebirds), a comprehensive approach to engage Latinos in natural resource careers and conservation action through internships in Colorado, California, Washington D.C. and Alaska
\$80,000

Institute for Seabird Research and Conservation

Conservation and Enhancement of Middleton Island Seabird Habitat (AK)

Acquire acreage and infrastructure on Middleton Island, Alaska, and secure the future of a unique facility for research and conservation.
\$25,000

Institute for Seabird Research and Conservation

Middleton Island Seabird Research and Monitoring (AK)

Continue Alaskan seabird monitoring and research nutritional ecology, life-history regulation, and prey (forage fish) dynamics of black-legged kittiwake, pelagic cormorant, rhinoceros auklet, tufted puffin and glaucous-winged gull. Project results will be incorporated into marine resource planning and management processes.
\$38,000

Island Conservation

Assessing Invasive Rat Impacts on Island Ecosystems in the Aleutians (AK)

Conduct ecosystem monitoring on Rat Island, Alaska, five years post rat eradication. Project will inform future land management decisions on islands in Alaska containing rats.
\$99,450

Island Institute

Community Fisheries Network Capacity Building and Expansion

Expand and strengthen the community fishery network in order to continue building capacity and disseminating innovations that improve the long-term sustainability of community fisheries.
\$87,847

Kenai Watershed Forum

Stream Watch: Education and Habitat Restoration Volunteers (AK)

Train volunteers to provide peer-to-peer salmon habitat stewardship education to river users and complete habitat restoration and/or protection projects on the Kenai Peninsula of Alaska.
\$37,038

LGL Alaska Research Associates, Inc.

Photo-identification of Beluga Whales in Upper Cook Inlet — VI (AK)

Continue use of photo-identification to assess and monitor individual and population characteristics of Cook Inlet beluga whales in order to better understand and manage these whales and their habitat.
\$46,249

Manomet, Inc.

Arctic Shorebird Demographics Network — III (AK)

Continue to unite the efforts of 15 organizations working cooperatively across the entire Arctic to determine what limits the populations of high-priority shorebird species. Project will target conservation efforts at the places and times when populations are actually being limited.
\$69,934

Marine Conservation Alliance Foundation

Development of Video Monitoring for Full Retention Fisheries

Develop a video-based catch monitoring system and computer-aided video review software to reduce the number of human observers and reviewers involved in the monitoring of full-retention fisheries.
\$100,000

Marine Conservation Biology Institute

Predictive Habitat Modeling for Alaska's Deep Sea Corals

Create predictive habitat suitability models for deep sea coral and sponge areas for Alaskan waters.
\$36,000

Metlakatla Indian Community

Invasive Species Control and Education on Annette Island (AK)

Conduct control work on target species, create a Cooperative Weed Management Area, publish data from control work on public database, create a campaign to assist the public in identifying and reporting invasive species, and encourage use of a vehicle wash system to prevent the spread of invasive species. Project will establish a comprehensive long-term invasive species control program.
\$75,000

North Dakota State University

Thermal Control of Insect Emergence in Arctic Tundra Ponds (AK)

Obtain data needed to build predictive models of insect emergence from tundra ponds at Barrow, Alaska. Project will supplement other data to aid in forecasting the future quality of avian nesting habitat.
\$92,212

North Pacific Fisheries Association, Inc.

Electronic Monitoring for Small Boats in Alaska

Build on existing electronic monitoring practices to develop a system that can provide accurate, reliable data for fishery managers while being responsive to the needs and constraints of small boats. Project's primary objective is to field-test a new electronic monitoring system that utilizes advanced cameras, standardized fish handling procedures and software designed to facilitate efficient data review.
\$65,568

North Slope Borough Department of Wildlife Management

Coastal Surveys and Response to Stranded Marine Mammals (AK)

Support a continued response effort for marine mammal strandings in Northern Alaska in an area that is currently experiencing a marked increase in reported dead and live stranded marine mammals.
\$84,942

Northern Forum, Inc.

Seabird Data Portal: Sharing Alaska's Seabird Data

Expand the data management and sharing capabilities of the Seabird Data Portal. Project will help facilitate collaborative and progressive research on seabirds in Alaska and the North Pacific.
\$39,999

Northern Forum, Inc.

Seabird Restoration in Prince William Sound (AK)

Restore populations of seabirds at Naked Island Group, Prince William Sound, through eradication of introduced mink. Project will result in recovery of pigeon guillemots population and other seabirds.
\$1,050,300

Prince William Sound Science and Technology Institute

Black Turnstone: A Population Decline or Prince William Sound Stopover Shift?

Identify the migration pathways and stopover areas of black turnstone (*Arenaria elanocephala*) in Prince William Sound. Project results will aid resource managers with updated population data.
\$75,000

Regents of the University of California

Standardized Low-Cost Monitoring of Conservation Success Pilot Project

Pilot a standardized, third-party, monitoring program for National Fish and Wildlife Foundation on two seabird conservation projects. The pilot program will test the use of a novel low cost technique.
\$298,050

San Francisco State University

Invasive Tunicate Impacts on Pacific Herring in Southeast Alaska

Evaluate and model the impact of the invasive tunicate *Didemnum vexillum* on Pacific herring in southeast Alaska. Project results will aid resource managers in prioritizing areas for evaluation and protection.
\$31,594

Seward Association for the Advancement of Marine Science

Pacific Walrus Terrestrial Haulout Use and Disturbance (AK)

Monitor historic and newly established Pacific walrus (*Odobenus rosmarus divergens*) terrestrial haulout sites in western Alaska for attendance, duration and level of disturbance. Data collected will aid in the determination of species status under the Endangered Species Act.
\$100,065

The Nature Conservancy

Restoring Alaska's Tongass National Forest for Salmon

Restore high-value salmon watersheds in southeast Alaska. Long-term goal is to increase restoration/forest stewardship as drivers of public land management.
\$400,000

The Research Foundation on behalf of SUNY at Buffalo

Genome-scale Analysis of Admixure in Polar and Brown Bears (AK)

Conduct a genome-scale analysis of hybridization in polar and brown bears in northern Alaska. Project will help connect research on global climate adaptation with genomic techniques that can be applied to increase the understanding of the presence and extent of hybridization.
\$100,000

Trout Unlimited, Inc.

Habitat Capacity Models for Salmon Recovery
Develop models to estimate productive capacity and support management decisions for escapement. Project will focus on improvements to existing modeling approaches that enable better estimates of the expected number of smolts that can be produced from extant habitat, and a guiding decision tool for managers to decide which modeling approach to use given available data.
\$100,000

U.S. Fish and Wildlife Service**Steller's and Spectacled Eider Conservation — V (AK)**

Continue efforts to conserve Steller's eider (*Polysticta stelleri*) and spectacled eider (*Somateria fischeri*) in Alaska through research, monitoring and outreach. Data collected will support population recovery by developing and evaluating management strategies.
\$75,000

U.S. Fish and Wildlife Service — Kodiak National Wildlife Refuge**Nesting Ecology of Kittlitz's Murrelet on Kodiak Refuge (AK) — II**

Continue the study of nesting ecology and reproductive performance of Kittlitz's murrelet (*Brachyramphus brevirostris*) on Kodiak Island, Alaska, to provide data required for future conservation efforts.
\$94,750

U.S. Fish and Wildlife Service — Region 7**Pacific Walrus Abundance and Demographic Estimations (AK)**

Conduct a long-term genetics-based, capture-mark-recapture program for Pacific walrus (*Odobenus rosmarus divergens*).
\$78,948

University of Alaska Anchorage**Alaska Native Science and Engineering Program**

Partner with the U.S. Forest Service in south-east Alaska, the Bureau of Land Management, the U.S. Fish and Wildlife Service and others to provide conservation career exploration through academic enrichment activities and internships. Project will help students complete the science and math coursework in high school that is necessary for success at the university and upon high school graduation, and will team them with practicing professionals working in hands-on internships.
\$440,000

University of Alaska Anchorage**Arctic Ice Seal Disease Investigation (AK)**

Provide the resources to necropsy and perform additional diagnostic testing to determine the cause of morbidity and mortality of ice seals along the northern and western coasts of Alaska.
\$92,355

University of Wyoming**Thinning and Competition Between Martens and Ermines on Prince of Wales Island (AK)**

Estimate population density, factors affecting density and diet of ermines (*Mustela erminea celenda*) on Prince of Wales Island in Alaska. Project will model the effects of forest succession and provide management recommendations to conserve the population.
\$20,000

USDA Forest Service**Ecology of the Copper River Delta (AK)**

Assess the effects of increased temperatures on ecosystem structure and function of coastal aquatic ecosystems on the Copper River Delta of Alaska. Project will provide data to better inform the management of the Delta and other coastal wetlands under a climate change scenario.
\$200,000

USDA Forest Service**Impacts of Climate Adaptation on Chinook Habitat Suitability (AK)**

Use down-scaled climate models of future hydrologic, precipitation and glacial changes to predict changes to productive salmon habitat throughout the Copper River watershed in Alaska. Results will allow for more strategic targeting of resources in monitoring and restoration efforts.
\$45,160

USDA Forest Service**Vulnerability of Watersheds in Prince William Sound (AK)**

Develop a framework to assess the vulnerability of watersheds in Prince William Sound, Alaska, to the potential impacts of climate adaptation based on flow regimes, potential changes in temperatures and the live history diversity of fish.
\$100,000

USDA Forest Service**Linking Structure to Function in Alaskan Coastal Wetlands**

Develop a comprehensive framework for Copper River Delta coastal wetlands that integrates structural and functional wetland metrics for use in assessing and predicting the effects of habitat and weather change. Project will provide data to better inform the management of the Delta and other coastal wetlands under a climate adaptation scenario.
\$100,000

Wildlife Conservation Society**Mitigating Subsistence Bycatch of Yellow-billed Loons (AK)**

Identify mitigation options for minimizing the entanglement of yellow-billed loons in Alaska through review of bycatch mitigation efforts and consultation with Alaska Natives. Results from this project will inform international efforts to reduce bycatch.
\$73,336

Wildlife Conservation Society**An Experiment to Assess Development Impact on Nesting Birds (AK)**

Assess the impact of indirect oil development on nest survival of breeding birds using an artificial nest experiment on the Arctic Coastal Plain of Alaska. The results of this project will enable a better understanding of the relationship between oil infrastructure and nest survivorship, refining previous research on this issue.
\$89,319

Wildlife Conservation Society**Migratory Breeding Bird Use of Re-vegetated Oil Platforms (AK)**

Assess wildlife responses, specifically bird nesting, feeding and brood rearing, to rehabilitated exploratory drilling pad sites in Arctic Alaska. The findings from this study will help to develop specific recommendations that will provide land managers and industry with new information to assist in site rehabilitation that provides the highest quality reclaimed habitat for nesting birds.
\$49,403

Woods Hole Oceanographic Institution**Bowhead Whale Stable Isotopes as Ecosystem Indicators (AK) — II**

Analyze stable isotope ratios from bowhead whale baleens to monitor bowhead whale ecology and nutrient flow through Arctic marine food webs of the Arctic and Bering Sea. Project will aid the scientific community with future management plans relating to climate adaptation in the Arctic region.
\$89,264

World Wildlife Fund, Inc.**Reducing Bycatch of Seabirds in Russian Far East Fisheries**

Monitor seabird and fishing gear interactions in the Russian Far East (primarily Kamchatka Peninsula) to prevent accidental entanglement of threatened, endangered, or vulnerable species.
\$59,161

ARIZONA**Altar Valley Conservation Alliance****Integrated Methods for Grassland Habitat Enhancement (AZ)**

Coordinate and implement prescribed fire and erosion control techniques on five multi-jurisdiction parcels over 25,000 total acres. Methods will quantify and demonstrate best practices for efficient grassland enhancement to private landowners and partnering federal, state and county land managing agencies through work conducted across jurisdictional boundaries.
\$382,000

Arizona Antelope Foundation

Southeastern Arizona Grasslands
Pronghorn Initiative

Increase Sky Island Pronghorn population numbers, distribution and connectiveness by on-the-ground prioritized habitat, travel corridor and population enhancements.
\$230,000

Arizona Game and Fish Department

Apache Trout Keystone Initiative (AZ)

Ensure the recovery and sustainability of the Apache trout in its historic range within the headwaters of the Little Colorado River, Black and White Rivers (tributaries of the Salt River). Project will include fish barrier improvements, post-fire monitoring and the creation of metapopulations that will result in the expansion, connectivity and improvement of Apache trout habitat.
\$257,000

**Bureau of Land Management —
Safford Field Office**

Peloncillos Grassland Corridor and Waters (AZ)

Improve wildlife exclosures by focusing on grassland seeding, planting of native trees, inventory and monitoring of grassland birds of concern and vegetation post-treatment effectiveness.
\$30,000

Cuenca Los Ojos Foundation

Restoring Sonoran Sky Island
Grasslands & Embedded Cienega

Reduce shrub and increase grass cover on 2,000 acres. Project will construct 20 large gabions, plant 1,400 riparian trees, raise cienega water table and develop a long-term monitoring strategy.
\$125,000

Rocky Mountain Bird Observatory

Evaluating Avian Use of Restored
Desert Grasslands

Conduct a comparative study of non-breeding grassland bird use of restored grassland sites that have undergone varying restoration techniques across the Sky Islands region.
\$157,412

The Grand Canyon Trust, Inc.

Native Plant Stewardship at Vermilion Cliffs
National Monument (AZ, UT)

Engage “Budding Botanists” in compiling plant records for Vermilion Cliffs National Monument into an online database. Project will provide foundational information for research and management to maximize protection of the flora.
\$34,500

ARKANSAS**Friends of Holla Bend National Wildlife Refuge**

Friends of Holla Bend National
Wildlife Refuge Capacity Building (AR)

Produce a brochure and purchase promotional apparel and materials to host outdoor recreational activities. Project will help the group connect with the local community and increase group membership.
\$5,000

The Nature Conservancy

Devil’s Eyebrow Protection (AR)

Acquire 1,954 acres of contiguous forestland along Beaver Lake harboring 27 rare species, protecting water quality and providing public access opportunities.
\$790,000

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

CALIFORNIA**Bureau of Land Management**

Employment and Mentorship of
Urban Youth (CA)

Recruit and select young adults from underserved communities for employment in the Student Temporary Employment program. Project will support ten student interns in the program for 14 weeks.
\$100,000

Caitlin Faber

Environmental Field Studies Course Work
at the Sierra Institute (CA)

Scholarship to support environmental field studies course work at the Sierra Institute.
\$500

California Institute of Environmental Studies

Status of Ashy Storm-Petrels at the
Northern Breeding Limit (CA)

Acquire data needed to assist agencies with the potential listing and protection of the northern breeding limit of Ashy Storm-Petrels.
\$30,842

California Native Plant Society

Rare Plant Surveys in High Priority
Arid Lands in California

Coordinate and train volunteers and students to collect population and pollination data on rare plants found in desert and desert transitional lands of California. Project will disseminate results through database submissions and reports with partners.
\$45,000

**Center for Ecosystem Management
and Restoration**

Russian River and Dutch Bill Creek
Restoration (CA)

Restore a viable, self-sustaining population of coho salmon to the Russian River watershed by implementing the Russian River Coho Salmon Keystone Initiative Business Plan. Project will continue working to increase the number of coho salmon in four watersheds by working with landowners to change water management practices and improve streamflow through spring and summer.
\$500,000

Center for Land-Based Learning

Student and Landowner Education and
Watershed Stewardship (SLEWS) — Restoring
Riparian Habitat on the Mokelumne River (CA)

Partner with the Natural Resources Conservation Service to enable high school youth to plan and implement a riparian restoration project on the Mokelumne River.
\$23,750

**Cher-Ae Heights Indian Community
of Trinidad Rancheria**

Tribal Outreach and Policy Support
(WA, OR, CA)

Engage West Coast Tribes on how they will participate in the Coastal and Marine Spatial Planning body and on how they will engage in coast-wide and National Ocean Council-related issues.
\$58,000

City of Los Angeles

Cabrillo Beach Pier Fishing Program (CA) — II

Revive the Cabrillo Beach Pier Fishing Program for the summer of 2012, by offering a four-week fishing program which will operate two days per week. Each day will offer a three-hour fishing experience. The program is projecting to serve 250 youth from the greater Los Angeles area, ages 8 to 16 years old.
\$10,000

City of Morro Bay

Fishing Community Sustainability
Planning and Development (CA)

Develop a strategic plan aimed at economic, social and environmental sustainability in the Morro Bay and Monterey fisheries. Project will build community fishing association capacity.
\$135,000

Coevolution Institute

Securing Native Plants with Pollinators (CA)
Develop a database of plant-pollinator relationships for rare and threatened plant species, technical guides for monarch butterfly habitat support and monitoring, a national bumble bee monitoring program, outreach posters and online postings for public education, and a pollinator education and gardening kit for school children to enhance environmental understanding and stewardship. Project will support stable and resilient plant-pollinator systems.
\$87,000

Community Development Partnership

Best Practices in Fisheries Trust Management
Develop a scalable model and utilize the on-line “Fish Hub” technology to transfer best practices and lessons learned in fishery trust management to a national audience.
\$124,978

Conservation Metrics, Inc.

Passive Acoustic Sensor Surveys for Detecting Ashy Storm-Petrels on Anacapa Island (CA) — II
Conduct a second season of visual surveys for Ashy Storm-Petrel breeding activity on Anacapa Island.
\$22,677

Delta Waterfowl Foundation

Priority Waterfowl Research — II
Support three priority waterfowl research efforts including the movements and survival of mottled ducks along the Gulf Coast, evaluating landscape features’ influence on nest survival in the Prairie Pothole Region of North Dakota, and modeling the consequences of water scarcity on carrying capacity of waterfowl habitat in the Central Valley of California.
\$49,000

Ecotrust

West Coast Regional Data Framework (WA, OR, CA)
Develop a next-generation coastal and marine data network and system to support west coast regional and national ocean priorities and planning for ocean uses.
\$117,000

Ellen K. Ven Rooy

Researching Tick-borne Pathogens in Fishers and Ringtails in Northwestern California
Rich Guadagno Memorial Scholarship to conduct research on tick-borne pathogens in fishers (*Martes pennanti*) and ringtails (*Bassariscus astutus*) in northwestern California.
\$2,000

Environment for the Americas, Inc.

Celebra las Playeras: Engaging Latinos in Natural Resource Careers and Conservation Action
Collaborate with the U.S. Forest Service and the Bureau of Land Management on Celebra las Playeras (Celebrate Shorebirds), a comprehensive approach to engage Latinos in natural resource careers and conservation action through internships at five sites.
\$80,000

Fishermen’s Marketing Association, Inc.

Development and Evaluation of Image Recognition Software
Develop and evaluate image recognition software that can be used to screen video images collected onboard commercial fishing boats to determine if discarding is occurring and to identify the species.
\$96,178

Friends of Marsh Creek Watershed

Marsh Creek Floodplain and Riparian Restoration (CA)
Restore critical habitat for Chinook salmon and other species while facilitating long-term stewardship of Marsh Creek Watershed through community involvement.
\$25,000

Gold Ridge Resource Conservation District

Northern California Coho Salmon Habitat Restoration (CA)
Implement a rural road improvement project along 4.58 miles of ranch roads by replacing five culverts and installing erosion control measures to increase habitat for migrating fish.
\$34,353

Golden Gate National Parks Conservancy

Presidio Coastal Bluffs Restoration and Community Engagement (CA)
Restore 1.75 acres of land at the Presidio Bluffs site at Golden Gate National Park, removing 90 percent of invasive grasses and Cape Ivy and planting 5,500 trees. Educational opportunities will include volunteer workdays and naturalist-led walks.
\$51,700

Heal the Bay

Heal the Bay’s Stream Team Program
Restore healthy ecological functioning and improve water quality and natural wildlife habitats by conducting riparian restoration; habitat and water quality monitoring; and stream barrier removals in the Santa Monica Mountains.
\$39,997

Island Conservation

Ashy Storm-Petrel Restoration on the Farallon Islands
Conduct ecological monitoring and outreach to support the U.S. Fish and Wildlife Service in restoring the South Farallon Islands by removing invasive mice. Long-term outcomes will include the protection of Ashy Storm-Petrels.
\$150,000

Island Institute

Community Fisheries Network Capacity Building and Expansion
Expand and strengthen the community fishery network to continue building capacity and disseminating innovations that improve the long-term sustainability of community fisheries.
\$87,847

Jessica Clark

Impacts of Sudden Oak Death and Reduced Acorn Supply on Wildlife (CA)
Rich Guadagno Memorial Scholarship to study the impacts of sudden oak death and reduced acorn supply on wildlife.
\$1,500

Laguna de Santa Rosa Foundation

Endangered Vernal Pool Plant Assessment and Restoration (CA)
Work with citizen science volunteers to assess the status of three plants endemic to Sonoma county by evaluating pollinators, vernal pools and climate change. Project will contribute to the recovery and delisting of three federally and state listed endangered annual plant species: Sonoma sunshine, Sebastopol meadow-foam and Burke’s goldfields.
\$20,000

Los Angeles Conservation Corps

Promoting Careers in Conservation in Southern California
Partner with the U.S. Forest Service and Bureau of Land Management to engage youth from impoverished communities in Los Angeles in meaningful conservation projects.
\$200,000

Marina Del Rey Anglers

Marina Del Rey Anglers Youth Fishing (CA)
Teach pre-teen and teenage youths how to fish, how to identify fish that are safe and unsafe to consume and how to properly fillet and prepare the fish for consumption. Project will run 24 trips and educate at least 400 kids 10 to 16 years old and 100 counselors from various non-profit youth groups.
\$10,000

Mattole Restoration Council

Nick’s Interns: Exposing Humboldt County Youth to Conservation Careers (CA)
Expose Humboldt County youth to conservation careers by offering experience, confidence and skills to get involved in community efforts to restore local watersheds as well as opportunities to explore resource management careers with government agencies. Nick’s Interns will participate in hands-on restoration, stewardship, monitoring and other conservation-related projects that benefit Bureau of Land Management land and adjacent areas.
\$50,050

Mattole Salmon Group

Lower Mattole River Habitat Enhancement (CA)

Increase the quantity and quality of rearing habitat for Chinook and coho salmon and steelhead through the placement of large wood in the lower Mattole River and estuary in California. Project will have an immediate benefit to salmonids by increasing cover and pool habitat.
\$75,000

Mountains Restoration Trust

Malibu Creek Aquatic and Riparian Habitat Restoration (CA)

Bring together numerous partners to further efforts to remove invasive plants from 17 acres of state parkland resulting in a net gain of three acres of restored habitat. The Trust will promote and execute, at a minimum, 15 community restoration events for up to 150 people where participants will learn what effects invasive species have upon the biological integrity of riparian systems and how problems in one area quickly spread downstream.
\$37,995

National Forest Foundation

Restoring Los Angeles' Backyard: Riparian Weed Eradication

Conduct weed removal and monitoring on 75 river miles of riparian habitat in Big Tujunga Canyon to facilitate recovery of native plant communities.
\$40,000

Native Alliance of the Sierra Nevada Foothills (dba Sierra Native Alliance)

Sierra Native Youth Conservation Corps (CA)
Help at-risk youth by creating an environmental job training program that assists with stipends and transportation and creates a strong social and cultural network to support ongoing restoration and advocacy work. Project will involve diverse partners and provide an innovative conservation job and educational opportunity largely focused on meadow restoration for native youth in the Sierra Nevada region.
\$75,000

Palos Verdes Peninsula Land Conservancy

Abalone Cove Coastal Sage Scrub Restoration (CA)

Restore, through invasive plant eradication and plantings, three acres of coastal sage scrub habitat. Through outdoor volunteer days, 120 community volunteers will gain an understanding of the ecological value of coastal sage scrub and its importance as habitat for rare and endangered species.
\$25,200

Pit Resource Conservation District

Pit River Region Meadow Coordination (CA)

Support work that will advance several meadow restoration projects in the Pit River region. Project activities will include assessment, design, permitting, construction and monitoring.
\$20,000

Placer County Resource Conservation District

Hope Valley Meadow Restoration (CA)

Restore a highly visible 1,600-acre meadow that is a top priority meadow system for restoration in the Eastern Sierra Nevada.
\$63,000

River Partners

Otay Delta Habitat Restoration (CA)

Restore 65 acres on the San Diego Bay National Wildlife Refuge, to benefit migratory and resident wildlife, including listed species and improve parks space in the heart of an underserved urban area.
\$100,000

Sage Gang-Halvorsen

At Risk Youth Working to Restore a Creek (CA)

Rich Guadagno Memorial Scholarship to support Sage Gang-Halvorsen's project, "At Risk Youth Working to Restore a Creek."
\$1,000

San Francisco State University

Invasive Tunicate Impacts on Pacific Herring in Southeast Alaska

Evaluate and model the impact of the invasive tunicate *Didemnum vexillum* on Pacific herring in southeast Alaska. Project results will aid resource managers in prioritizing areas for evaluation and protection.
\$31,594

Sanctuary Forest, Inc.

Mattole Coho Emergency Habitat (CA)

Restore natural processes and provide immediate coho salmon summer and winter habitat needed to prevent extinction in Baker Creek, a tributary to the Mattole River, in California. Project goals will be achieved by installing large wood in the stream channel.
\$29,999

Santa Catalina Island Conservancy

Restoring the Population of Xantus's Murrelet on Catalina (CA)

Conduct population surveys and nest site habitat assessment to set baselines for restoration and threat reduction activities. Volunteers will work with staff to restore habitat through revegetation.
\$67,949

Santa Monica Bay Restoration Foundation

Palos Verdes Kelp Forest Restoration

Restore kelp forest on the Palos Verdes Shelf to restore or compensate for the loss of resources impacted by DDTs and PCBs that were released into the marine environment from the late 1940s to the early 1970s.
\$524,403

Sequoia Parks Foundation

Establish Native Plants in Wet Meadows of Kings Canyon National Park (CA)

Restore 4.7 acres of native wet meadow habitat in Kings Canyon National Park. Crews will plant 40,000 native seedlings in areas that were previously dominated by non-native reed canarygrass.
\$50,000

Sequoia Riverlands Trust

Yellow Starthistle Leading Edge Initiative (CA)

Implement the Yellow Starthistle Leading Edge Initiative locally. Project activities will include yellow starthistle treatment and control, actions to increase public awareness, the development of a strategic framework for reducing the spread of yellow starthistle, and maintaining and growing partnerships for invasive plant control.
\$75,000

Shorebased Whiting Cooperative

Shorebased Whiting Overfished Species Risk Pool Cooperative (WA, OR, CA)

Create a Pacific whiting cooperative with the technical support infrastructure to manage bycatch using real time and historic observer and electronic fish-ticket data to assist with hotspot avoidance.
\$75,000

Siskiyou Institute

Scott River Watershed Council Coordination (CA)

Create a coordination and communication action plan for the Scott River watershed. Project will involve multiple stakeholders in conservation and restoration activities.
\$30,000

The Nature Conservancy

Southern Sierra Partnership and Tehachapi Linkage (CA)

Acquire Rudnick Ranch and an easement on the Caliente Ranch to complete the Tehachapi Connection, a wildlife linkage of great importance in the preservation of habitat for rare, threatened and endangered species in the Tehachapi mountains.
\$500,000

The Watershed Project

Wild! Oysters — Community-based Native Oyster Restoration Program (CA)

Engage scientists, volunteers and students in the restoration of .4 acres of subtidal habitat. Project will benefit many species, including anadromous salmonids.
\$40,000

TreePeople, Inc.

Forest Aid: Angeles National Forest 2012
Work with the U.S. Forest Service to recruit and train volunteers to plant trees in fire-ravaged areas of the Angeles National Forest.
\$25,000

Trout Unlimited, Inc.

Habitat Capacity Models for Salmon Recovery
Develop models to estimate productive capacity and support management decisions for escapement. Project will focus on improvements to existing modeling approaches that enable better estimates of the expected number of smolts that can be produced from extant habitat, and a guiding decision tool for managers to decide which modeling approach to use given available data.
\$100,000

U. S. Fish and Wildlife Service

Leafy Spurge Control along the Klamath and Scott Rivers (CA) — II
Implement follow-up treatments to control 72 acres of leafy spurge occurrences on private and tribal lands along the Klamath and Scott Rivers and in the Quartz Valley watershed.
\$25,000

USDA Forest Service

Indian Valley Restoration (CA)
Restore hydrologic function and habitat in a 500-acre degraded meadow in the Central Sierra Nevada. Project will rapidly and permanently raise the water table back to natural levels and repair 6,000 feet of eroded channel.
\$366,400

University of California

Long-Term Assessment of Restoration in Big Springs Creek (CA)
Assess the restoration of Big Springs Creek and the Shasta River within the restoration site as well as downstream habitats. Restoration progress will be measured based on how physical habitat conditions improve with regard to water temperatures and geomorphic characteristics such as stream depth.
\$26,000

University of California — Davis

Sierra Nevada Meadow Community Clearinghouse (CA)
Establish and maintain a data clearinghouse to support the Sierra Nevada Meadows Restoration Initiative. This project will identify Sierra Nevada meadow-related data, construct a meadow specific database, provide a mechanism for widespread data dissemination, and engage Sierra Nevada meadows community in data gathering, population and dissemination.
\$125,000

University of California — Davis

Genetic Monitoring Panel for Native Fishes in the Kern Basin (CA)
Develop a panel of genetic markers that can assess hybridization within three native subspecies of rainbow trout in the Kern River Basin of California. Project, which supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan, will provide resource managers with a monitoring and management tool for conserving these fish.
\$44,500

Yurok Tribe

Monitoring Coho Salmon Response to Habitat Restoration (CA)
Conduct mark-recapture studies of juvenile coho salmon and monitor physical changes in constructed off-channel habitats to track fish abundance and water quality trends following restoration.
\$27,392

COLORADO**Canto Al Pueblo — The Latino Arts and Cultural Series**

Sangre de Cristo Youth for Conservation (CO)
Expose underserved minority youth to the local natural environment while promoting conservation and implementing restoration, stewardship and monitoring projects. Youth workers will map native osha, sample macroinvertebrates, plant willow plugs, measure and assess range forage and record bark beetle ecological disturbance in the San Luis Valley of Colorado.
\$23,769

Colorado Department of Natural Resources

Rocky Flats National Wildlife Refuge Protection (CO)
Protect 1,344 acres of land within and adjacent to the Rocky Flats National Wildlife Refuge.
\$250,000

Colorado Trout Unlimited

Roan Plateau Cutthroat Trout Restoration (CO)
Restore Upper Colorado River native cutthroat trout on the Roan Plateau, specifically in the East Fork and East Middle Fork Parachute Creek Tier 1 watersheds in western Colorado, by addressing the threats of non-natives, reduced water quality and compromised habitat. Project will accomplish restoration goals through the removal of non-native fish, water quality improvements and habitat restoration.
\$125,000

Earth Force, Inc.

Youth Voices for Westerly Creek (CO)
Train urban youth to duplicate a baseline water quality study from 1997. Their findings and recommendations will inform implementation of the Westerly Creek Greenway Master Plan.
\$14,535

Environment for the Americas, Inc.

Celebra las Playeras: Engaging Latinos in Natural Resource Careers and Conservation Action
Collaborate with the U.S. Forest Service and the Bureau of Land Management on Celebra las Playeras (Celebrate Shorebirds), a comprehensive approach to engage Latinos in natural resource careers and conservation action through internships at five sites.
\$80,000

Rocky Mountain Field Institute, Inc.

Garden of the Gods Restoration Project (CO)
Mitigate erosion and soil loss and restore the most degraded sectors of Garden of the Gods Park through hands-on projects with high community involvement.
\$25,000

Rocky Mountain Field Institute, Inc.

Garden of the Gods Restoration Project (CO) — II
Restore 550 linear feet of social trails; construct steps, risers and retaining walls to stabilize 600 feet of eroding trails to provide structure and protect the surrounding areas; and stabilize nearly eight acres of gullies and drainages with a native seed mix. Nine hundred community volunteers will participate in restoration over 45 workdays.
\$25,000

Southwest Conservation Corps

Dolores River Restoration (CO)
Conduct riparian restoration activities involving invasive species treatment along the Dolores River in southwest Colorado.
\$80,000

The Nature Conservancy

Dolores River Invasives Eradication (CO)
Eradicate invasive weeds in the Dolores River riparian area while simultaneously restoring native cover to benefit wildlife and aquatic health. Project will target 7.5 river miles.
\$75,000

USDA-Forest Service —**Medicine Bow-Routt National Forest**

Yampa River Basin Youth Conservation Career Development
Engage youth in diverse activities providing an integrated natural and cultural resource work experience in the Yampa River Basin, an America's Great Outdoors Initiative priority site in Colorado.
\$50,000

USDA-Forest Service—**San Juan National Forest**

Hermosa Colorado River Cutthroat Trout Re-establishment (CO)

Re-establish Colorado River cutthroat trout populations in 23 miles of Hermosa and East Fork Hermosa Creeks in Colorado. Project, which supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan, will create a metapopulation by constructing two fish migration barriers, removing non-native fish species and stocking genetically pure trout. \$56,000

Western Association of Fish and Wildlife Agencies

Lesser Prairie Chicken Aerial Monitoring
Conduct aerial monitoring for Lesser Prairie Chicken to establish a baseline and allow for the assessment of future Lesser Prairie Chicken population response to conservation measures. \$55,092

CONNECTICUT**Avalonia Land Conservancy, Inc.**

Restore Coastal Forest New England Cottontail Habitat (CT)
Restore 28 acres of early successional coastal forest habitat to contribute to the recovery of New England cottontail and other early successional wildlife species. \$25,670

Calf Island Conservancy, Inc.

Calf Island Forest Restoration and Invasive Control (CT)
Restore .05 acres of beach and 5 acres of coastal forest by removing non-native invasive plants and plant 100 native trees and shrubs to improve habitat for American oystercatcher, killdeer, migrating songbirds and roosting egrets. \$22,000

City of Norwich Harbor Management Commission

Norwich Harbor Canoe and Kayak Trail (CT)
Establish a network of mapped water trails for canoeing and kayaking; distribute 2,500 interpretive trail maps and install a sign about area natural resources. \$8,130

City Parks Foundation

Development of a Mid-Atlantic Regional Seed Bank and Network
Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed. \$35,000

Clean Up Stonington Harbors, Inc.

Water Quality Monitoring to Manage Pollution Problems (CT)
Conduct volunteer water quality monitoring to identify sources of pollution and provide data to two towns, a state agency and a non-governmental organization to help them remediate problems. \$24,660

**Connecticut Farm Bureau Association
Manure Digestion on Dairy Farm to Reduce Nitrogen and Phosphorus (CT)**

Upgrade a manure digester to incorporate new technologies that reduce equivalent of 5,928 pounds of nitrogen and 2,282 pounds of phosphorus solids from a dairy farm in the Blackberry River sub-basin. \$91,000

Connecticut River Museum

Connecticut River Museum Environmental Education (CT)
Offer 200 educational workshops and summer adventure camp to 2,650 children at the Connecticut River Museum allowing them to interact directly with the Connecticut River and become citizen scientists. Activities are also conducted in the museum galleries and through lab projects in the boathouse education center. \$7,226

Connecticut River Watershed Council, Inc.

Roger's Lake Fish Passage:
Last Barrier to Alewife Run (CT)
Install a fish ladder at Roger's Lake opening up 260 acres of spawning and rearing habitat for alewife migrating up the Mill Brook from Long Island Sound. \$85,778

Connecticut River Watershed Council, Inc.

Connecticut River Coastal Estuary Cleanup & Education (CT)
Conduct 'Annual Source to Sea Cleanup' mobilizing 100 volunteers in the Connecticut River's coastal estuary to remove 3,000 lbs. of garbage from shorelines and educate the public about clean water. \$4,485

**Cornell Cooperative Extension
Association of Suffolk County**

The "Marine Meadows" Eelgrass Restoration Program (NY, CT)
Restore one acre of eelgrass and engage 400 volunteers in preparing materials for eelgrass transplant at four sites in Connecticut and New York. \$95,341

Farmington River Watershed Association, Inc.

Fish Passage on the Farmington River (CT)
Remove breached dam and its fragments to eliminate a barrier to fish passage and restore access to approximately 50 miles of

historic spawning habitat for American shad, American eel and river herring. \$65,800

Friends of Outer Island, Inc.

Friends of Outer Island Capacity Building (CT)
Expand website and web presence to improve communication and increase membership. Project will result in a newly-established youth division and 20 new student members, as well as an online scheduling protocol and a video that highlights the group's mission. \$5,000

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey
Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas. \$83,750

Manomet, Inc.

American Oystercatcher Recovery — III
Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts. \$133,510

Mid-Atlantic Center for Herpetology and Conservation

Private Lands Bog Turtle Habitat Restoration (NY, CT, MA)
Restore and protect critical bog turtle habitat on private lands in the Northeast using Natural Resource Conservation Service conservation programs. \$248,000

National Audubon Society, Connecticut

Urban Schoolyard Habitat Partnership (CT)
Develop model initiative for five urban schools with 950 students and 42 teachers to restore 4.5 acres of habitat for birds in schoolyards and local parks that can be used as a basis for classroom lessons. \$34,757

National Wildlife Refuge Association

Connecticut River Watershed Invasives Control (VT, NH, MA, CT)
Coordinate six local Cooperative Invasive Species Management Areas to facilitate priority actions and networking between groups and improve early detection throughout the 7.2 million acre watershed. \$85,000

Northeast Organic Farming Association of Connecticut

Establishing an Organic Lawn Care Certificate Program (CT)
Educate 100 lawn care practitioners, expand alternative, non-chemical lawn care services for consumers and become a replicable program regionally. \$32,001

Northeast Sector Service Network, Inc.
Simplifying New England Groundfish Sector Reporting

Test and refine the FishTrax on-board module for vessel trip reporting. FishTrax is a multifaceted tool designed specifically to simplify and satisfy the reporting requirements of New England Groundfish Sectors.
\$110,000

Norwalk Seaport Association, Inc.
Sheffield Island Park Interpretive Signage (CT)
Design, fabricate and install four 30 inch by 36 inch wayside signs providing information about the natural environment of the Long Island Sound and Norwalk Islands.
\$9,525

Sacred Heart University, Inc.
Horseshoe Crab Outreach and Education (CT)
Conduct an outreach, education and data collection program about American horseshoe crabs to 12 communities involving 600 volunteers and 20 K-12 schools.
\$24,730

Sea Research Foundation, Inc.
Estuary Health Program (CT)
Host 5,000 people at the National Estuary and Long Island Sound Day. Activities will include beach clean-ups, horseshoe crab monitoring and a forum for 300 educators. In addition, students from 50 schools will use self-guided materials to learn about Long Island Sound resources.
\$7,111

Sea Research Foundation, Inc.
Long Island Sound Curricula Outreach (CT)
Engage 700 students from three at-risk urban school districts aiming to increase students' knowledge and protection of Long Island Sound.
\$30,603

State of Connecticut
Barn Island Wildlife Management Area Management Plan (CT)
Prepare a comprehensive management plan for the Barn Island Wildlife Management Area that addresses important natural resource and outdoor recreation management issues.
\$23,999

The Connecticut Fund for the Environment, Inc.
Pond Lily Fish Passage Design and Planning Project (CT)
Complete the design and permitting to remove a failing dam and open 2.6 miles of fish passage for alewife and blueback herring and American eel.
\$60,000

The Friends of Mianus River Park, Inc.
Mianus River Streambank Restoration (CT)
Remove invasive plants and restore 216 linear feet of riverbank using live stakes and native wetland plants to stem silt flow into Mianus River which flows into Long Island Sound.
\$3,000

University of Connecticut
Nutrient Bioextraction in Long Island Sound (CT, NY)
Demonstrate the use of kelp, a native seaweed, to bioextract 53 lbs. of nitrogen and 343 lbs. of carbon pollution at a small scale, and then model the potential large-scale nutrient removal capacity.
\$157,448

Wildlife Management Institute
Restoration of Eastern Shrubland Birds — VI
Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.
\$200,899

Wildlife Management Institute
Northeast Young Forest Technical Assistance
Provide technical assistance to private landowners in the Northeast Forest Region to more effectively utilize Farm Bill conservation programs.
\$300,000

DELAWARE

Chesapeake Appreciation, Inc. dba Oyster Recovery Partnership
Maryland Oyster Restoration Planning
Conduct a planning effort to prioritize Maryland tributaries suitable for oyster restoration. Project will also continue the region's oyster shell recycling program, which collects used shells from restaurants for use in reef construction.
\$5,000

City Parks Foundation
Development of a Mid-Atlantic Regional Seed Bank and Network
Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed.
\$35,000

Ducks Unlimited, Inc.
North American Boreal Conservation Campaign and Completing the Cycle
In honor of Bill D'Alonzo, invest in two of Ducks Unlimited's highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal

Conservation Campaign seeks to conserve 1 billion acres of North America's boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds.
\$54,335

Farm Pilot Project Coordination, Inc.
Manure to Energy Technology Demonstrations
Implement technology demonstration component of manure to energy initiative. Project will deploy multiple thermo-chemical technologies.
\$691,144

Manomet, Inc.
American Oystercatcher Coastwide Aerial Survey
Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.
\$83,750

Manomet, Inc.
American Oystercatcher Recovery — III
Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

Midshore Riverkeeper Conservancy
Choptank Agricultural Landowner Technical Assistance
Identify, prioritize, design and begin remedial projects on key agricultural sites in the Choptank watershed. Project may serve as a template for addressing keystone non point source pollution.
\$130,000

Town of Bridgeville, Delaware
Bridgeville Land Use Master Plan (DE)
Partner with the University of Delaware, Delaware Office of State Planning Coordination, and Delaware Department of Natural Resources and Environmental Control to develop a comprehensive master planning and outreach initiative focused on sustainable growth. Project will engage various stakeholders to create a strategy for meeting the goals set forth in Delaware's Chesapeake Bay Watershed Implementation Plan.
\$75,000

Town of Greenwood, Delaware
Town of Greenwood Green Infrastructure Initiative (DE)
Remove nearly 1,000 feet of channelized tax ditches and install new wetlands, forest buffers and other features to address storm water run-off within the Town.
\$35,000

University of Maryland

Coordinating Local Government
Technical Assistance

Coordinate the provision of technical assistance to ten localities participating in the Chesapeake Bay Local Government Capacity Building Initiative. The project will also produce case studies about each locality's experience with the Initiative.
\$39,449

University of Tennessee

Southeastern Grassland Birds Initiative — III
Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI
Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.
\$200,899

DISTRICT OF COLUMBIA**Anacostia Watershed Society**

Anacostia Wetlands Awareness and Restoration Effort (AWARE) (DC)
Restore tidal wetland habitat in the Anacostia watershed by removing invasive plant cover, revegetating five acres of land with native plants and establishing a riparian buffer.
\$200,000

Casey Trees Endowment Fund

Large Parcel Tree Planting Pilot Program (DC)
Identify tree planting opportunities on large land parcels in the District of Columbia, with emphasis on the Oxon Run and Rock Creek watersheds. Project will locate and map key target areas in need of tree cover, plant at least 500 trees over four planting seasons within the two-year grant timeline, and test different approaches and models to increase tree canopy on large urban parcels.
\$95,000

**Chesapeake Appreciation, Inc.
dba Oyster Recovery Partnership**

Harris Creek Oyster Bed Restoration (MD)
Conduct large-scale oyster restoration in Harris Creek and develop a modeling tool to estimate the value of oyster reefs as an effective water quality best management practice.
\$200,000

**Chesapeake Appreciation, Inc.
dba Oyster Recovery Partnership**

Maryland Oyster Restoration Planning
Conduct a planning effort to prioritize Maryland tributaries suitable for oyster restoration. Project will also continue the region's oyster shell recycling program, which collects used shells from restaurants for use in reef construction.
\$50,000

City Parks Foundation

Development of a Mid-Atlantic Regional Seed Bank and Network
Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed.
\$35,000

Community Resources Chesapeake, Inc.

Green Schools, Clean Rivers (DC)
Build green stormwater infrastructure at three Washington D.C. public schools in the Capitol Hill neighborhood and provide community education benefiting the Anacostia River and Chesapeake Bay.
\$200,000

District of Columbia**Department of the Environment**

Nash Run Stream Restoration (DC)
Restore a degraded stream in Northeast D.C. to improve water quality, enhance habitat conditions, reduce trash and mitigate flood hazards.
\$400,000

Earth Conservation Corps

Diamond Teague Park Wetland Expansion (DC)
Expand the wetland area around Diamond Teague Park on the Anacostia River waterfront in the District of Columbia. The project will partner with the Landscape Architecture Bureau, Symbiosis and the Field School to ensure appropriate expertise and professional guidance, as well as significant community engagement.
\$159,906

**Metropolitan Washington Council
of Governments**

Stormwater Bioretention in the Anacostia River Watershed (DC)
Design and construct bioretention facilities at Langston Golf Course and the Kenilworth Park and Aquatic Gardens in Washington, D.C. Project will capture and filter stormwater runoff from two large parking lots, thereby reducing pollution loads to the Anacostia River.
\$175,000

National Environmental Education Foundation

Public Lands Youth Engagement Grants
Provide funding for organizations who partner with Forest Service and Bureau of Land Management to support youth engagement projects supporting the missions of the partner agencies.
\$300,000

The H. John Heinz III Center

Chesapeake Commons Data Analysis and Maintenance Services
Maintain the Chesapeake Commons database and perform analyses on a fee-for-service basis. Project will provide technical support to Chesapeake Commons users, including Stewardship Fund grantees.
\$50,000

The Potomac Conservancy, Inc.

Potomac Watershed Stormwater Code Assessment (MD)
Assess 12 counties and cities in Maryland that all drain into the Chesapeake Bay. The results will be used to identify six localities where high growth is projected.
\$212,986

William Penn House

William Penn House Greenroof (DC)
Install a greenroof on the historic carriage house to capture storm water within the property and keep it out of the District's Combined Sewer Overflow. This green roof will serve as a model for other historic renovations in Washington D.C.
\$20,000

FLORIDA**Florida Fish and Wildlife Commission**

Conservation Planning Assistance to Florida Landowners
Work with the Suwannee River Partnership and Natural Resource Conservation Service to provide technical assistance to private landowners to protect water quality and to conserve water and wildlife habitat.
\$216,430

Florida Forest Service

Farm Bill Forestry Landowner Assistance (FL)
Provide technical assistance to landowners and assist Natural Resource Conservation Service with the delivery of forestry components of Farm Bill programs, specifically the Environmental Quality Incentives Program.
\$75,000

Florida Forest Service

Longleaf Ecosystem Restoration Landowner Incentive Program (FL)

Increase the acreage of healthy longleaf pine ecosystems in Florida by offering non-industrial private forest landowners technical assistance and incentive payments for conducting approved longleaf restoration practices. More than 4,000 acres will be treated with longleaf enhancement techniques and over 1 million longleaf trees will be planted on 1,850 acres.

\$363,500

Florida Forest Service

Osceola National Forest Landowner Incentive Programs for Longleaf Restoration

Offer technical assistance and incentive payments to non-industrial private forest landowners for establishment and maintenance of longleaf on their lands. Project will treat approximately 1,800 acres of private land with a variety of longleaf ecosystem enhancements including planting over 500,000 longleaf trees, prescribed fire, mechanical underbrush reduction, timber stand improvement, native understory vegetation establishment and noxious invasive weed eradication.

\$150,000

Friends of Florida State Forests

Longleaf Restoration on Florida State Forests

Re-establish longleaf pines to specific areas on Blackwater River State Forest.

\$300,000

Gulf of Maine Research Institute

Fishery Science & Management Education for Gulf Fishermen

Build regional capacity to develop and deliver a fishery science and management education program for Gulf of Mexico fisheries stakeholders.

\$125,000

Keep Pensacola Beautiful, Inc.

Bayou Texar Oyster Reef and Marsh Grass Restoration (FL)

Collect approximately 84 tons of oyster shell from local partner restaurants to be used as substrate to establish 79 oyster reefs (0.073 acres) along 1,200 linear feet of shoreline on the Bayou Texar in the Florida Pensacola Bay System. In addition, 4,520 square feet of native emergent marsh grasses will be planted to restore intertidal habitat.

\$20,398

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.

\$83,750

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.

\$133,510

Martin County Board of County Commissioners

Turtle-Friendly Design for Beach Restoration (FL)

Test whether changes to the construction template for beach restoration projects reduces impacts to sea turtles typically documented for traditionally built beaches.

\$634,780

Museum of Science, Inc.

dba Miami Science Museum

Oleta River State Park Hardwood Hammock Restoration (FL)

Restore coastal habitats at Oleta River State Park, Virginia Key and R. Hardy Matheson Preserve in Miami-Dade County.

\$152,116

National Audubon Society, Inc.

Alafia Bank Shoreline Restoration and Management (FL) — II

Install 620 feet of breakwater oyster reef in linear wave attenuation device arrays to protect the Alafia Bank north shoreline and bird nesting habitat from storm wave and ship wake erosion.

\$250,000

Nova Southeastern University

Evaluating Alternative Fishing Gears in the Gulf of Mexico

Evaluate two new fishing gears in the Gulf of Mexico as more environmentally-friendly alternatives to the pelagic longline gear now used to commercially harvest tuna and swordfish.

\$379,978

Operation Migration—USA

Whooping Crane Reintroduction to Southeastern U.S. — II

Reintroduce whooping cranes to the Southeast U.S., potentially adding 45 cranes toward the goal of achieving a self-sustaining population. Project will use ultralight aircraft to teach migration route.

\$172,599

Snook Foundation, Inc.

Angler Action Program (FL)

Build a recreational angler communication system that involves real-time data for research and fishery management in Gulf and Atlantic waters.

\$35,000

Southwest Florida Water Management District

Restoration of MacDill Mangrove/Tidal Creek and MacDill Lewis Lake (FL)

Restore approximately 34 acres of degraded black mangroves to functioning fisheries habitat on two selected estuarine restoration projects, MacDill Mangrove/Tidal Creek Project and MacDill Lewis Lake Project, as part of a greater restoration effort on MacDill Air Force Base.

\$250,000

The Everglades Foundation, Inc.

Restoration Benefits to Wading Bird Habitat in Florida Bay

Improve habitat in eastern Florida Bay for Roseate Spoonbills and Reddish Egrets. Project will track effects and develop statistical tools for management.

\$200,000

The Longleaf Alliance, Inc.

Strengthening Bird Conservation within the Gulf Coastal Plain Ecosystem

Manage and restore critical bird habitat within the Gulf Coastal Plain Ecosystem. Project will use prescribed burning, mechanical treatment, invasive species control and ecological monitoring on over 45,000 acres of public and private lands benefitting rare bird species.

\$158,460

The Longleaf Alliance, Inc.

Evaluation of Longleaf Pine Groundcover Ecotype Seed Sources

Evaluate differences in germination, establishment, phenological characteristics and growth rates among proposed seed transfer zones for six common understory plant species that provide functionality in the longleaf ecosystem.

\$85,000

The Nature Conservancy

Longleaf Pine Ecosystem Restoration and Outreach (AL, FL)

Provide technical and on-the-ground restoration assistance to family forest landowners interested in managing or restoring longleaf pine on their lands using prescribed fire. Project will plant longleaf on 100 acres and implement hydrologic and ground integrity restoration at Splinter Hill Bog Preserve, including a portion of the Carrigan Addition, showcasing restoration efforts during two field days.

\$150,000

The Nature Conservancy — Florida

Panther Crossing Protection (FL)

Protection of 1,278-acre Panther Crossing in Glades County, Florida, to conserve habitat crucial to the survival of the federally endangered Florida panther.

\$200,000

University of Tennessee

Southeastern Grassland Birds Initiative — III
Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

GEORGIA

Atlanta BeltLine, Inc.

Water Conservation and Native Habitat Restoration in Atlanta

Create a drainage/rainwater retention system, recycle water, restore native habitat and provide community involvement and education in a former contaminated site plagued by erosion and depleted soil.
\$30,000

Dunwoody Nature Center, Inc.

Dunwoody Nature Center Meadow Restoration (GA)

Re-grade the meadow area and develop a linked system of rain gardens for storm water collection in Dunwoody Park. The results of this project will be the restoration of a 1.5 acre riparian buffer to the creek; development of an experiential teaching facility for students to learn about the effects and prevention of erosion; and creation of a demonstration area to educate an adult community on how to create a similar project on their property.
\$19,702

Elachee Nature Science Center, Inc.

Walnut Creek Invasive Plant Control and Native Reintroduction (GA)

Control 27 acres of *Microstegium* in the floodplains of the upper Walnut Creek Watershed and plant 480 native seedlings over 516 square feet of test plots to determine the success of native seedlings in controlling re-invasion when planted at high and low densities. 100 volunteers will assist with mapping, invasive control and plantings; over 200 students will participate in hands-on activities to learn about riparian habitats and exotic invasive plants; and over 120 landowners will participate in invasive plant ID and control workshops.
\$10,000

Georgia Department of Natural Resources

Assessing Predator Control Techniques for Nesting American Oystercatcher (GA)

Research the most effective site-specific means of controlling predators on four main study areas on the Georgia coast. Project will assess predator densities, implement a predator control plan, document American Oystercatcher productivity response to control

techniques and develop a predator density trigger that will allow resource managers to determine, before the nesting season begins, whether a trapping effort will be required.
\$98,153

Georgia Department of Natural Resources

Ft. Stewart / Altamaha Longleaf Pine Restoration (GA)

Restore longleaf pine and establish a framework for future work in Ft. Stewart–Altamaha. Project will develop an implementation team, purchase and plant longleaf on 1,350 acres and conduct prescribed burns on 5,000 acres.
\$364,375

Georgia Department of Natural Resources

Altamaha / Ocmulgee Corridor Longleaf Pine Restoration (GA)

Plant 310 acres of longleaf, restore groundcover on 215 acres and prescribe burn 3,100 acres in the upper Altamaha/Ocmulgee River corridor in Georgia. Project will address major threats to longleaf in this region including the absence of prescribed fire; past conversion of open longleaf savannas to densely stocked loblolly, slash or sand pine plantations; isolation of quality longleaf habitat; and low-density residential sprawl.
\$143,875

Georgia Forestry Commission

Landowner Technical Assistance for Longleaf (GA)

Provide follow-up assistance and guidance to Georgia landowners with Wildlife Habitat Incentive Program Long-Leaf Pine Initiative contracts. Project will help landowners implement practices outlined in their conservation plan, which will result in the planting of over 10,000 acres of longleaf pine.
\$476,250

Georgia Wildlife Federation, Inc.

Alcovy River Greenway Restoration and Education (GA)

Construct two rain gardens and remove invasive species from approximately 25 acres and plant 200 native plants in the riparian zone of Cornish Creek. Project will update the Alcovy River Greenway Registry landowner database which will be used to contact and educate landowners who are uniquely positioned to make positive, private conservation impacts.
\$19,573

Groundwork Hudson Valley, Inc.

Bridging the Forestry Diversity Gap

Provide 16 low-income, minority youth from Yonkers, New York, with a paid, in-depth, conservation job training program. On-site training and projects will be completed in the Chatahoochee, Cherokee and Nantahala-Pisgah National Forests and will expose youth to Forest Service work and job opportunities.
\$50,091

Joseph W. Jones Ecological Research Center

Developing Metrics for Longleaf Pine Restoration

Conduct reviews of scientific literature pertaining to habitat preferences and optimal habitat structure in longleaf forests for identified priority wildlife species. Project will survey species that include, but are not limited to, Bachman's sparrow, brown-headed nuthatch, red-cockaded woodpecker, northern bobwhite quail, fox squirrel, gopher tortoise, pine snake and southern hognose snake.
\$46,700

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.
\$83,750

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

National Wild Turkey Federation, Inc.

Savannah River Corridor Longleaf Restoration Partnership

Provide incentive funding for 24 non-industrial private forest landowners in South Carolina and Georgia to restore longleaf pine on their lands through herbicide treatments, prescribed burns, longleaf planting on approximately 960 acres and mechanical or chemical treatments on hardwoods.
\$150,000

National Wild Turkey Federation, Inc.

Red-cockaded Woodpecker Habitat Enhancement (GA) — III

Conduct activities to improve Red-cockaded Woodpecker foraging and nesting habitats including commercial thinning followed by mid-story control on 500 acres, non-native invasive species eradication on 300 acres, residual coppice treatment on 500 acres, creation and maintenance of 80 nest cavity inserts, wildlife habitat rehabilitation, native grass restoration and gate replacement.
\$173,306

Operation Migration—USA

Whooping Crane Reintroduction to Southeastern U.S.—II

Reintroduce whooping cranes to the Southeast U.S., potentially adding 45 cranes toward the goal of achieving a self-sustaining population. Project will use ultralight aircraft to teach migration route.
\$172,599

Southeastern Association of Fish and Wildlife Agencies**Distribution and Habitat Requirements of Shoal Bass (GA)**

Survey streams in the middle Chattahoochee River in Georgia for the presence of shoal bass and other species of concern. Project supports the goals of the Southeast Aquatic Resources Partnership as part of the National Fish Habitat Action Plan.
\$45,000

The Longleaf Alliance, Inc.**Evaluation of Longleaf Pine Groundcover Ecotype Seed Sources**

Evaluate differences in germination, establishment, phenological characteristics and growth rates among proposed seed transfer zones for six common understory plant species that provide functionality in the longleaf ecosystem.
\$85,000

The Nature Conservancy**Longleaf Pine Restoration on the Fall Line (GA)**

Enhance 15,000 acres on the Chattahoochee Fall Line in Georgia by planting 1,500 acres of longleaf pine, prescribed fire, understory restoration, invasive species control and forestry operation contract oversight.
\$200,000

The Nature Conservancy**Protection and Restoration of Longleaf Pine on the Fall Line (GA)**

Protect a key 7,800-acre parcel as part of Fort Benning's buffer program. Project will allow for the restoration of functional longleaf habitat in the Fall Line sandhills.
\$250,000

The Orianne Society**Longleaf Pine Restoration in the Altamaha River Corridor (GA)**

Plant 520 acres of longleaf pine on the Orianne Indigo Snake Preserve in Tefair County, Georgia. Project will help create longleaf pine habitat and decrease longleaf habitat fragmentation in the Altamaha River Corridor.
\$149,927

The South Fork Conservancy, Inc.**Peachtree Creek Confluence Restoration (GA)**

Fence off highway trash for approximately 800 feet, control three acres of non-native invasives, restore three bioswales to catch highway stormwater and re-establish a bio-diverse buffer along .22 miles of creek. Biologists and educators will lead 30 adult and 60 student volunteers and neighbors in stream restoration and low-impact trail creation.
\$20,720

University of Georgia Research Foundation, Inc.**Restoring Quality Bird Habitat at the State Botanical Garden (GA)**

Restore 15 acres of floodplain forest and 10 acres of Piedmont prairie at the State Botanical Garden in Georgia, two highly visible examples of important bird habitat. Project activities will include prescribed fire, removal of Chinese privet, propagation of native plants and public outreach to increase awareness of bird conservation techniques.
\$59,787

University of Tennessee**Southeastern Grassland Birds Initiative — III**

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

HAWAII**American Bird Conservancy****Saving Hawaii's Imperiled Forest Birds**

Continue long-term efforts to save Hawaii's threatened native birds. This project will implement on-the-ground conservation by controlling invasive species, restoring habitat and translocating species to create new populations. It will increase national awareness of and support for Hawaii's critical conservation needs through an aggressive public outreach and media campaign.
\$278,666

American Bird Conservancy**Constructing a Predator-Proof Fence at Kilauea Point National Wildlife Refuge (HI)**

Coordinate a multi-year, multi-partner effort to construct a predator-proof fence at Kilauea Point National Wildlife Refuge on Kauai. Project will also eradicate nonnative mammals from the enclosure and translocate Newell's Shearwaters into the protected area.
\$131,779

Amy Baco-Taylor**Predictive Modeling of the Distribution of Hawaii Deep-Sea Coral**

Use existing data records for deep-sea corals in the Main Hawaiian Islands, along with environmental and current data for the same region, to build a predictive model for determining the potential locations of deep coral communities.
\$9,500

Haereticus Environmental Laboratory**Toxicity Testing on Coral and Sea Urchins in Hawaii**

Conduct toxicity tests to sample areas suspected of contamination from shallow-well sewage injections in West Maui. Project will establish biological effect concentrations.
\$15,300

Island Conservation**Lehua Island Restoration and Seabird Recovery (HI)**

Restore the ecosystem with significant benefits to native Lehua Island seabirds. Project will conduct a rat eradication feasibility assessment, plan for Lehua Island restoration to recover seabird populations and enable Newell's Shearwater translocation.
\$325,000

Oikonos — Ecosystem Knowledge**Assessing High-Seas Threats for Kure Atoll Black-Footed Albatross**

Enhance international Black-footed Albatross conservation by mapping the at-sea distribution and assessing the overlap with fisheries threats and management jurisdictions of birds from Kure Atoll, the westernmost U.S. breeding site. Project will track Black-footed Albatross movements during chick-rearing and assess overlap with longlining and driftnet fisheries in northwest Pacific.
\$54,333

State of Hawaii, Department of Land and Natural Resources**Restoring Seabird Breeding Habitat on Kure Atoll**

Restore the native biodiversity and seabird populations on Kure Atoll by conducting non-native plant removal. This project will engage state biologists and volunteers in eradicating Verbesina and other non-native plants from 120 acres of seabird nesting habitat on Green Island using established protocol and improving the native plant community.
\$500,000

The Coral Reef Alliance**Engage West Maui Hotels in Watershed Management Planning**

Perform targeted outreach to assess the demand for reclaimed water by West Maui Hotels and to engage this industry in watershed management planning.
\$55,524

The Kohala Center**Stabilizing Streambanks And Reducing Erosion In South Kohala To Benefit Coral Reefs (HI)**

Reduce sediment inputs into Pelekane Bay coral reef system by reducing land-based runoff. Project will engage volunteers to capture overland flow of sediment with erosion-control structures, and will restore stream banks in key drainages.
\$60,000

The Nature Conservancy

Palila Protection (HI)

Acquire 4,469 acres on the northwestern slopes of Mauna Kea to protect and improve critical palila habitat for sustained recovery efforts.

\$500,000

Tri-Isle Resource Conservation & Development Council, Inc.

Lana'i Hawaiian Petrel & Newell's Shearwater Restoration

Continue and expand predator control in Lana'i Hawaiian petrel colony and develop justification and approval for use of additional types of predator control. Project will also design a predator-proof fence around approximately 5 acres of the colony where Hawaiian petrel are known to breed and Newell's shearwater are suspected.

\$240,000

West Maui Coral Coordinator

West Maui Watershed and Coastal Assessment

Assist in steering committee coordination, project management and assistance with the development and implementation of watershed plans in Kahekili-Ka'anapali.

\$71,624

IDAHO**Friends of Camas National Wildlife Refuge**

Friends of Camas National Wildlife Refuge Start-Up (ID)

Develop a website, host membership drives, and produce brochures, letterhead and apparel. Project will result in increased numbers of Friends group members and volunteers.

\$3,800

Friends of the Teton River, Inc.

Restoring a Yellowstone Cutthroat Trout Stronghold on Canyon Creek (ID)

Restore connectivity and eliminate entrainment of Yellowstone cutthroat trout in Canyon Creek, Idaho. Project will monitor restoration response for more informed management decisions.

\$24,450

Idaho Department of Water Resources

Tributary Water Conservation in Idaho — XI

Work with water users in the Upper Salmon and Teton River Basins to improve tributary flows for the benefit of fish species. Project will identify and assess new transaction opportunities.

\$209,127

The Henry's Fork Foundation, Inc.

Yellowstone Cutthroat Trout Restoration, Status and Trend (ID, WY)

Restore the headwater of Schneider Creek and complete a culvert replacement on Tygee Creek in Idaho. Project will support the

conservation and restoration of Yellowstone cutthroat trout populations in the Henry's Fork, Teton and Sinks drainages in Idaho and Wyoming.

\$28,975

The Nature Conservancy

McArthur Lake Wildlife Safety (ID)

Identify, prioritize and implement transportation mitigation projects such as fencing and animal detection systems to improve wildlife safety at McArthur Lake in the Northern Rockies.

\$99,268

Trout Unlimited, Inc.

Habitat Capacity Models for Salmon Recovery

Develop models to estimate productive capacity and support management decisions for escapement. Project will focus on improvements to existing modeling approaches that enable better estimates of the expected number of smolts that can be produced from extant habitat, and a guiding decision tool for managers to decide which modeling approach to use given available data.

\$100,000

Trout Unlimited, Inc.

Bear River Native Trout Restoration (UT, ID, WY) — IV

Restore riparian and aquatic habitats, improve water quality and reconnect 175 miles of historic Bonneville cutthroat trout spawning and rearing tributaries throughout the Bear River watershed in Utah, Idaho and Wyoming. Project supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan.

\$98,000

ILLINOIS**Alliance for the Great Lakes**

Youth Restoration of the South Shore Beach & Sanctuary (IL)

Work with partner schools and groups to remove non-native plant species on 0.25 acres at South Shore Beach/Sanctuary and replant 1.4 acres of native vegetation on the dunes and other areas on the edges of the site. The Alliance will conduct six Adopt-a-Beach™ visits at South Shore Beach where volunteers will remove litter and will engage 109 youth to participate in stewardship activities.

\$20,203

Chicago Horticultural Society

Development of Optimal Rare Plant Monitoring Protocols (IL)

Develop standardized protocols for monitoring rare plant species on Forest Service lands.

\$36,000

Chicago Horticultural Society

Seeds of Success National Coordination (IL) — II

Assist, manage and train 65 Seeds of Success collecting teams to increase the quantity and quality of native plant materials available for restoration.

\$62,834

Forest Preserve District of Cook County

Thornton-Lansing Road Habitat Restoration (IL)

Control invasive species to restore more than 130 acres of lakeplain habitat in the Thornton-Lansing Road Nature Preserve in the Millennium Reserve: Calumet Core area.

\$100,000

Lake County Forest Preserve District

Coastal Wetlands Restoration for Species of Concern (IL, WI)

Work with partners in Illinois and Wisconsin to restore 1,158 acres of coastal lake plain habitat along the Chiwaukee Illinois Beach Lake Plain.

\$874,081

Lake County Stormwater Management Commission

Bull Creek — Lake Michigan Restoration (IL)

Control invasive species and stabilize stream banks to restore 1,800 linear feet of Bull Creek, a major stream channel in the Dead River watershed.

\$57,000

Lewis and Clark Community College District 536

Illinois Conservation Reserve Enhancement Program Initiative

Optimize Farm Bill conservation practices for water quality and habitat restoration goals in Illinois' Conservation Reserve Enhancement Program region. Project will increase capacity and measure long term results.

\$250,000

Operation Migration—USA

Whooping Crane Reintroduction to Southeastern U.S.—II

Reintroduce whooping cranes to the Southeast U.S., potentially adding 45 cranes toward the goal of achieving a self-sustaining population. Project will use ultralight aircraft to teach migration route.

\$172,599

Pheasants Forever, Inc.

Upper Mississippi Basin Technical Assistance — Illinois

Support two Farm Bill Biologists in Illinois. The positions will focus on the Conservation Reserve Program, Conservation Reserve Enhancement Program, State Acres for Wildlife Enhancement and Conservation Stewardship Program, and will cover a total of 10 counties with more than a quarter of the state's expiring Conservation Reserve Program.

\$278,300

Trout Unlimited, Inc.

Engaging Driftless Area Landowners in Farm Bill Programs

Increase the capacity of organizations to implement Farm Bill programs that protect, restore and enhance streams for fish and other aquatic life throughout the Driftless Area. \$133,333

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative. \$372,558

INDIANA

Indiana Association of Soil and Water Conservation Districts

Conservation Cropping Systems Initiative (IN)

Expand adoption and improve technology of conservation cropping systems in Indiana for healthy soils and clean water while maintaining profitability and productivity for Indiana agriculture. \$177,646

Indiana Department of Natural Resources

Lake George Wetlands Restoration & Invasive Species Control (IN)

Control invasive species to restore 33 acres of wetlands in northern Lake County, Indiana, within the Grand Calumet River Area of Concern. \$121,000

Keep Indianapolis Beautiful, Inc.

Fall Creek Watershed Community-Based Habitat Restoration (IN)

Remove invasive species over 10 acres and plant more than 365 trees in the Fall Creek watershed. Approximately 200-500 community members will be educated through meetings; residents and volunteers will learn about tree planting and care and stewardship of the watershed. \$24,999

Ohio River Foundation

Conservation Career Training in the Ohio River Watershed (KY, IN)

Work with Youth Conservation Teams to install habitat protection and restoration projects, and conduct conservation education in Hoosier National Forest. \$28,300

University of Tennessee

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IOWA

City of Elliott

City of Elliott Wetland Restoration and Outdoor Classroom (IA)

Restore a 1.5 acre wetland and replant more than 21 acres of native grass area with the help of 135 students and 19 adult volunteers. Project partners will include extensive educational components such as an ADA-compliant walkway with an interpretive panel about wetlands and a platform for outdoor classes. \$24,472

Iowa Department of Natural Resources

Promoting Farm Bill Conservation to Private Landowners (IA)

Hire two staff to promote the enrollment of private lands into state and federal conservation programs in order to restore wetland and grasslands complexes in the Iowa Prairie Pothole Region. \$250,000

Iowa Soybean Association

Nutrient, Soil and Habitat Management in Upper Cedar Watersheds (IA)

Work with crop advisors and watershed management specialists, experienced in whole farm planning, monitoring and farmer outreach, to help 75 farmers in the lower Upper Cedar watersheds assess on-farm nutrient, soil and wildlife habitat needs. \$128,333

Pheasants Forever, Inc.

Upper Mississippi Basin Technical Assistance — Iowa Buffer and Declining Habitat

Support three Farm Bill Biologists to provide technical assistance to landowners in central Iowa. The biologists will focus on Natural Resource Conservation Service financial assistance programs and reenrollment of Conservation Reserve Program. \$250,000

The Nature Conservancy

Managing for Biodiversity in the Iowa and Cedar River Valley (IA)

Improve private landowner assistance in managing for biodiversity by providing expertise and farm bill program options, and by coordinating with resource managers and like-minded citizens. \$101,331

Trout Unlimited, Inc.

Engaging Driftless Area Landowners in Farm Bill Programs

Increase the capacity of organizations to implement Farm Bill programs that protect, restore and enhance streams for fish and other aquatic life throughout the Driftless Area. \$133,333

KANSAS

Ecology and Environment, Inc.

Smoky Hills Kansas Prairie Chicken Survey (KS)

Conduct post-construction Greater Prairie Chicken lek surveys at the Smoky Hills Wind Project site. Project will collect data for year eight of a ten-year study. \$30,383

Western Association of Fish and Wildlife Agencies

Lesser Prairie Chicken Aerial Monitoring

Conduct aerial monitoring for Lesser Prairie Chicken to establish a baseline and allow for the assessment of future Lesser Prairie Chicken population response to conservation measures. \$55,092

Western Association of Fish and Wildlife Agencies

Lesser Prairie Chicken Population Estimation and Monitoring (KS)

Utilize and build upon the knowledge, information and expertise of five state wildlife agencies to develop and test a consistent range-wide sampling framework and methodology for Lesser Prairie Chicken, providing managers within the species range a more consistent approach to population trend analyses. Project will establish a population baseline and allow for the assessment of future Lesser Prairie Chicken population response to conservation measures. \$63,487

KENTUCKY

Ohio River Foundation

Conservation Career Training in the Ohio River Watershed (KY, IN)

Work with Youth Conservation Teams to install habitat protection and restoration projects and conduct conservation education in Hoosier National Forest. \$28,300

Operation Migration-USA**Whooping Crane Reintroduction to Southeastern U.S.—II**

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\$372,558

LOUISIANA**Audubon Nature Institute, Inc.****Enhancing Necropsy Capacity for Unusual Mortality Events (LA)**

Enhance capabilities to respond to marine mammal Unusual Mortality Events through increased staff time for necropsies and related efforts.
\$67,500

Caddo Lake Institute, Inc.**Strategies for Control of Giant Salvinia and Other Invasives**

Control aquatic invasives in Texas and Louisiana through a private/public partnership to protect lakes and wetlands using innovative websites, trained volunteers and public education.
\$100,000

Coalition to Restore Coastal Louisiana**Oyster Shell Recycling Pilot Program (LA)**

Create an oyster shell recycling program in Louisiana by collecting shell from restaurants and festivals to be used to restore coastal habitats and build self-sustaining reefs.
\$45,925

Delta Waterfowl Foundation**Priority Waterfowl Research — II**

Support three priority waterfowl research efforts including the movements and survival of mottled ducks along the Gulf Coast, evaluating landscape features' influence on nest survival in the Prairie Pothole Region of North Dakota, and modeling the consequences of water scarcity on carrying capacity of waterfowl habitat in the Central Valley of California.
\$49,000

Ducks Unlimited, Inc.**Ouachita Wildlife Management Area Hydrology Restoration (LA)**

Restore hydrology on 725 acres of emergent wetland and 466 acres of forested wetland habitat on the Ouachita Wildlife Management Area. Project will benefit a diversity of waterfowl and shorebird species.
\$100,000

Ducks Unlimited, Inc.**Migratory Bird Habitat Initiative (LA)**

Assist with uptake of conservation practices in rice agriculture lands of southwest Louisiana. Project will positively impact wintering and migrating waterfowl and other waterbirds.
\$250,000

Gulf of Maine Research Institute**Fishery Science & Management Education for Gulf Fishermen**

Build regional capacity to develop and deliver a fishery science and management education program for Gulf of Mexico fisheries stakeholders.
\$125,000

Island Institute**Community Fisheries Network Capacity Building and Expansion**

Expand and strengthen the community fishery network in order to continue building capacity and disseminate innovations that improve the long-term sustainability of community fisheries.
\$87,847

Louisiana Department of Wildlife and Fisheries**Sea Turtle Stranding and Nesting Surveys (LA)**

Conduct beach surveys and respond to all sea turtle reports received from the public in an effort to locate possible sea turtle strandings. The project will also compile historical stranding information previously collected by various entities to create a central repository of sea turtle stranding information for Louisiana.
\$173,499

Manomet, Inc.**American Oystercatcher Coastwide Aerial Survey**

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.
\$83,750

Manomet, Inc.**American Oystercatcher Recovery — III**

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

Nova Southeastern University**Evaluating Alternative Fishing Gears in the Gulf of Mexico**

Evaluate two new fishing gears in the Gulf of Mexico as more environmentally-friendly alternatives to the pelagic longline gear now used to commercially harvest tuna and swordfish.
\$379,978

Southern Mutual Help Association, Inc.**Creating a Bycatch / Species Sharing Model for Louisiana Fishers (LA)**

Conduct research, create peer learning/technical assistance opportunities and design model bycatch/species sharing policy and processes among Louisiana's traditional family fishers.
\$75,000

The Conservation Fund**West Pontchartrain Maurepas Important Bird Area (LA)**

Acquire 353 acres and transfer to the state to be managed as part of the Maurepas Swamp Wildlife Management Area in Louisiana. This is part of a larger project acquiring approximately 33,000 acres, helping to connect 133,000 acres of protected coastal wetlands that provide critical habitat to numerous shorebirds and waterbirds.
\$192,850

The Nature Conservancy — Louisiana**Pineywoods Longleaf Restoration (LA)**

Restore longleaf pine and build place-based project capacity in the Fort Polk/Kisatchie area. Deliverables include 1,200 acres planted, 3,300 acres burned and two landowner field days.
\$355,256

University of Tennessee**Southeastern Grassland Birds Initiative — III**

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\$372,558

MAINE**Atlantic Salmon Federation (U.S.), Inc.****Pushaw Lake Fishway (ME)**

Construct a fishway at the outlet dam of Pushaw Lake to restore sea-run alewives to a 5,000-acre, high priority lake in Maine's Penobscot River watershed.
\$45,000

CLF Ventures, Inc.

New England Fishing Quota Investment Fund (ME, RI, MA)

Investigate the feasibility of structuring a Triple-Bottom-Line investment fund to meet the needs of investors and facilitate accelerated ownership of permits/quota by New England community fishermen.
\$80,000

Community Development Partnership

Best Practices in Fisheries Trust Management
Develop a scalable model and utilize the on-line “Fish Hub” technology to transfer best practices and lessons learned in fishery trust management to a national audience.
\$124,978

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle
In honor of Bill D’Alonzo, invest in two of Ducks Unlimited’s highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America’s boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds.
\$54,335

Friends of Maine’s Seabird Islands

Friends of Maine Seabird Islands Nature Store Enhancement (ME)
Purchase hardware, software and display materials for newly-opened nature store. Project will allow the Friends group to efficiently operate the store and increase revenue to directly benefit the refuge.
\$4,800

Gulf of Maine Research Institute

Realizing Eco-Efficiency in the Seafood Industry
Improve the eco-efficiency associated with bringing groundfish to market in the Northeast region. Project will build the capacity of fishing enterprises and communities, and improve their sustainability ecologically and economically.
\$50,000

Island Institute

Community Fisheries Network Capacity Building and Expansion
Expand and strengthen the community fishery network in order to continue building capacity and disseminating innovations that improve the long-term sustainability of community fisheries.
\$87,847

Island Institute

Gulf of Maine Risk Pool (ME)
Develop one or several smaller Gulf of Maine Risk Pools to modify the Sector Management System to allow fishermen better flexibility and data to address the impending reduced quota in New England.
\$110,000

Mount Desert Island Biological Laboratory

Frenchman Bay Eelgrass Restoration (ME)
Engage citizens as scientists in expanding eelgrass restoration to 140 acres. Project will address threats to eelgrass through stakeholder engagement.
\$25,266

National Wild Turkey Federation, Inc.

Northeast Farm Bill Biologist and Technical Assistance Program (NY, NH, ME)
Utilize two biologists stationed in the Northeast to promote Farm Bill programs and provide technical assistance plans to private landowners to increase young forest acreage in New York, New Hampshire and Maine.
\$73,494

Nobleboro Historical Society

Damariscotta Mills “Lower Middle” Fish Ladder Restoration
Continue the restoration of a stone fish ladder that provides passage for endangered river herring between the Gulf of Maine, the salt-water Damariscotta River and fresh-water Damariscotta Lake.
\$92,505

Northeast Sector Service Network, Inc.

Simplifying New England Groundfish Sector Reporting
Test and refine the FishTrax on-board module for vessel trip reporting. FishTrax is a multifaceted tool designed specifically to simplify and satisfy the reporting requirements of New England Groundfish Sectors.
\$110,000

Penobscot East Resource Center, Inc.

Designing Fisheries Licensing for Community Resilience (ME)
Partner with Maine Sea Grant to inform a viable licensing model for inter-generational and entry level access to diversified community fishing through fishermen outreach and a workshop.
\$31,997

Penobscot River Restoration Trust

River Herring Restoration in Penobscot River (ME)
Restore river herring and other sea-run fish to the Penobscot River by opening access at four barriers while maintaining energy. This project will remove the Veazie Dam and provide support project management and oversight.
\$300,000

Sustainable Harvest Sector

Electronic Logbooks in a New England Groundfish Sector
Design and implement a new electronic logbook reporting application in the New England groundfishery.
\$20,000

U.S. Fish and Wildlife Service —

Rachel Carson National Wildlife Refuge

Restoring New England Cottontail Populations in Maine — II
Restore and increase New England cottontail populations in Maine. Project will continue landowner outreach/management programs and targeted outreach efforts in high priority focal areas.
\$75,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI
Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.
\$200,899

Wildlife Management Institute

Northeast Young Forest Technical Assistance
Provide technical assistance to private landowners in the Northeast Forest Region to more effectively utilize Farm Bill conservation programs.
\$300,000

MARYLAND

Alliance for the Chesapeake Bay, Inc.

Chesapeake RiverWise Communities (MD, PA, VA)
Develop and implement a comprehensive stormwater auditing and financial incentive program in Maryland, Virginia and Pennsylvania. Project will develop and utilize tracking, reporting, inspection and maintenance tools.
\$500,000

Biohabitats, Inc.

Howard County Environmental Site Design (MD)
Develop guidance documents for Environmental Site Design in support of the County’s 2013 capital improvement effort. The project will inform implementation of stormwater management practices on private property and public rights-of-way.
\$39,980

Blue Water Baltimore, Inc.

Baltimore Water Audit Program (MD)
Expand an existing Water Audit Program, which provides stormwater education, free property-scale stormwater impact assessments and monetary incentives for the installation of stormwater BMPs.
\$400,000

Center for Urban Environmental Research and Education

Green Infrastructure for Urban Landscapes (MD)
Assemble a showcase portfolio of green infrastructure projects that advance applications of pervious concrete and subsoiling in urban landscapes. The project will target key institutional obstacles to adopting these technologies, including specifications, training, performance monitoring and long-term maintenance.
\$323,554

Center for Watershed Protection, Inc.

Wye River Watershed Assessment (MD)
Conduct an assessment of the Wye River watershed to lay the foundation for a targeted pollution reduction strategy. Project will identify retrofit opportunities and priority conservation measures, and train staff and local stakeholders in the Center's Rural Retrofit Assessment protocol.
\$24,998

Center for Watershed Protection, Inc.

Talbot County Watershed Implementation Strategies (MD)
Develop town-specific Watershed Implementation Strategies for Easton, Oxford, Saint Michaels and Trappe. Project will conduct stakeholder meetings, perform field assessments and evaluate alternative pollution reduction scenarios.
\$24,889

Center for Watershed Protection, Inc.

Wicomico County Pollution Reduction Scenarios (MD)
Provide technical assistance to Wicomico County for the purpose of preparing urban-runoff loading decks using the Maryland Assessment and Scenario Tool and cost estimates for achieving the nutrient load reductions required by 2017 and 2025.
\$3,028

Center for Watershed Protection, Inc.

Howard County Watershed Stewards Academy (MD)
Train people to improve the landscape through the creation and completion of projects that decrease pollution entering local water bodies.
\$10,000

Center for Watershed Protection, Inc.

Urbana Community Park Bio-swale Design (MD)
Produce design and engineering plans for a stormwater bio-swale at Urbana Community Park in Frederick, Maryland. The bioswale will be sited down-gradient of a pipe outfall in a turf field owned and managed by the Frederick County Department of Parks and Recreation.
\$19,463

Center for Watershed Protection, Inc.

Somerset County Stormwater Management Planning (MD)
Assist the County to identify and prioritize stormwater management opportunities on public lands. The Center will produce 30 percent concept designs for at least three high-priority projects.
\$25,000

Center for Watershed Protection, Inc.

Chesapeake Business Plan Targeted Watershed Analysis
As part of the Chesapeake Business Plan development, the Center for Watershed Protection will identify and analyze existing restoration plans and local implementation capacity in six selected watersheds within the Bay basin.
\$35,415

Chesapeake Appreciation, Inc.

dba Oyster Recovery Partnership
Harris Creek Oyster Bed Restoration (MD)
Conduct large-scale oyster restoration in Harris Creek and develop a modeling tool to estimate the value of oyster reefs as an effective water quality best management practice.
\$200,000

Chesapeake Appreciation, Inc.

dba Oyster Recovery Partnership
Maryland Oyster Restoration Planning
Conduct a planning effort to prioritize Maryland tributaries suitable for oyster restoration. Project will also continue the region's oyster shell recycling program, which collects used shells from restaurants for use in reef construction.
\$50,000

Chesapeake Bay Commission

Accounting for the Water Quality Benefits of Land Conservation
Convene a group of experts for a three-session dialogue focused on the development of model policy options which provide a way to account for the water quality benefits of land conservation. The Commission will also produce a white paper to be shared with public and private leaders throughout the watershed.
\$30,000

Chesapeake Bay Foundation, Inc.

Virginia and Upper Potomac Agricultural Stewardship Program
Increase community and landowner involvement in the adoption of innovative agricultural best practices, in addition to protecting and restoring wildlife habitat.
\$398,740

Chesapeake Wildlife Heritage, Inc.

Eastern Shore Nontidal Wetland Restoration (MD)
Work with landowners in the Chester River and Choptank River watersheds to restore 120 acres of non-tidal wetlands. Project will guide the restorations from conception through enrollment in appropriate USDA conservation cost-share programs, on-the-ground implementation and early post-project management.
\$50,000

City of Salisbury, Maryland

Wicomico River Phase I Watershed Plan (MD)
Develop a baseline assessment for the Wicomico River watershed and implementation plans for subwatersheds in the basin. Project will determine specific strategies to meet target pollution reductions established in the Chesapeake Bay Watershed Implementation Plan for Wicomico County.
\$75,000

City Parks Foundation

Development of a Mid-Atlantic Regional Seed Bank and Network
Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed.
\$35,000

Columbia Beach Citizen's Improvement Association, Inc.

Columbia Beach Community-Wide Stormwater Retrofit (MD)
Implement a community-wide stormwater management approach using the most effective best management practices available. The project will yield approximately 1,275 square feet of bioretention cells (rain gardens and bioswales), 397 linear feet of infiltration trenches and 8,100 square feet of upland marsh restoration.
\$200,000

Defenders of Wildlife

Eastern Shore Salt Marsh Adaptation Strategy (MD)
Ensure the continued adaptability of ecologically significant coastal wetlands on Maryland's Eastern Shore. Project will map high priority land tracts, identify funding sources for land protection and develop landowner incentives.
\$50,000

Ducks Unlimited, Inc.**North American Boreal Conservation Campaign and Completing the Cycle**

In honor of Bill D'Alonzo, invest in two of Ducks Unlimited's highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America's boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds. \$54,335

Farm Pilot Project Coordination, Inc.

Manure to Energy Technology Demonstrations
Implement technology demonstration component of manure to energy initiative. Project will deploy multiple thermochemical technologies. \$691,144

Friends of the Migratory Bird / Duck Stamp, Inc.

Friends of the Migratory Bird / Duck Stamp Start-Up and Capacity Building (MD)
Purchase software, develop a website and acquire promotional materials. Project will establish a strong foundation for the Friends group and help generate group membership. \$4,950

Low Impact Development Center, Inc.

Port Towns Commemorative Rain Garden Network (MD)
Construct a series of commemorative rain gardens in the Port Towns of Bladensburg, Colmar Manor, Cottage City and Edmonston, Maryland. Project will site rain gardens along major transportation corridors and hubs in the community and will reflect the principles and practices of Green Streets and Green Highways. \$120,000

Low Impact Development Center, Inc.

Mt. Rainier Green Infrastructure Master Plan (MD)
Produce a Green Infrastructure Master Plan to facilitate the implementation of water quality improvement and community development goals. Through a series of workshops and charrettes, the project team will work with the community to determine the most practicable and acceptable solutions that can be publicly funded or implemented on private property through partnerships, grants or other incentives. \$39,160

Main Street Economics

Calvert County TA: Main Street Economics
In close coordination with the University of Maryland Center for Environmental Finance, Main Street Economics will provide technical assistance to Calvert County in support of cost effective WIP strategies. A model specific to Calvert County will be developed to predict supply costs of WIP-level nutrient and sediment pollution reduction by source sector. This will allow a comparison of predicted current and performance-based payment standards. \$12,000

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey
Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas. \$83,750

Manomet, Inc.

American Oystercatcher Recovery — III
Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts. \$133,510

Maryland Department of Natural Resources

Potomac River Conservation Job Training Program (MD)
Partner with the Bureau of Land Management to employ members of the Maryland Conservation Corps and the Conservation Jobs Corps to work on conservation projects on public lands along the Potomac River. Project will educate and employ 35 young adults in the implementation of environmental restoration projects, and support the enhancement of the Captain John Smith National Historic Trail. \$100,000

Maryland Department of Natural Resources

Upper Potomac Riparian Buffer and Floodplain Forest Plantings (MD)
Target, implement and assess forest best management practices to reduce pollutants and enhance cold-water fisheries habitat in priority tributaries of the Upper Potomac River. The project will develop and field-verify targeting tools to locate effective nutrient and sediment reduction opportunities. \$398,128

Midshore Riverkeeper Conservancy

Choptank Agricultural Landowner Technical Assistance
Identify, prioritize, design and begin remedial projects on key agricultural sites in the Choptank watershed. Project may serve as a template for addressing keystone non point source pollution. \$130,000

National Aquarium in Baltimore, Inc.

Reclaiming Native Forests at Eastern Neck National Wildlife Refuge (MD)
Remove invasive species and plant fast-growing native hardwood species on a three-acre site at the Eastern Neck National Wildlife Refuge. Project will reduce pressure on local wildlife that frequents the Refuge, improve water quality and increase animal diversity and species abundance. \$26,022

National Park Trust

Get To Know — DC
Provide support for the Washington, D.C. "Get To Know Your Wild Neighbors" International Art Contest. \$5,000

Octoraro Watershed Association, Inc.

Strategic Load Reductions in the Octoraro Creek Watershed (PA)
Identify conservation projects that address the most pressing water quality improvement needs in the Octoraro Creek watershed. Project will utilize a highly replicable approach for progressing rapidly within a strategic framework and promote collaboration among county conservation districts, watershed stakeholders, environmental advocacy groups and state agencies. \$100,000

Pinchot Institute for Conservation

Accelerating Private Lands Conservation through the Bay Bank (MD)
Partner with the Maryland Association of Home Builders to expand the possibilities for forest mitigation under Maryland's Forest Conservation Act. Project will identify strategies for connecting developers with private landowners, including the Bay Bank Marketplace and development of a private landowner credit fund. \$29,968

Scenic Rivers Land Trust, Inc.

South River Greenway and West / Rhode Watershed Preservation (MD)
Continue a comprehensive watershed protection and community outreach initiative in the South River and West / Rhode River watersheds. Project will protect 400 acres of undeveloped land and partner with the U.S. Fish and Wildlife Service to reduce sediment loads by repairing five stream headcuts. \$75,000

Smithsonian Institution, Environmental Research Center

Cheston Point Living Shoreline (MD)
Restore 1,330 feet of eroding shoreline on Cheston Point in Edgewater, Maryland. Project will create a stable marsh habitat containing appropriate native plant species to benefit aquatic life and migratory waterfowl along Cheston Creek. \$80,000

St. Mary's River Watershed Association Inc.

St. Mary's River Restoration (MD)
Engage area residents, developers and businesses to establish strong partnerships that emphasize low impact development practices which improve water quality in the St. Mary's River. Project will retrofit five business properties using low impact development techniques, create a working group to develop incentives for minimal impact development, create an endorsement program for new developments meeting a set of green criteria and implement a neighborhood-scale rewards program for conservation practices.
\$80,000

The Potomac Conservancy, Inc.

Potomac Watershed Stormwater Code Assessment (MD)
Assess 12 counties and cities in Maryland that all drain into the Chesapeake Bay. The results will be used to identify six localities where high growth is projected.
\$212,986

Town of Centreville

Gravel Run Fish Passage and Habitat Restoration (MD)
Integrate floodplain management and habitat restoration in order to restore access to 13 miles of high-quality habitat for herring, perch and American eel.
\$161,731

Town of Forest Heights

Building Blue: Stormwater Management for Rolph Drive (MD)
Implement "blue infrastructure" to alleviate damage caused by runoff from a highly residential street within the Chesapeake Bay Critical Area. This project will reduce sediment pollution in Oxon Run and the Potomac River by installing stormwater Best Management Practices such as tree boxes, permeable pavement and large-scale rain gardens.
\$200,000

Trout Unlimited, Inc.

Deer Creek Stream Bank Stabilization and Wetland Restoration (MD)
Implement eight stream and wetland restoration practices in the Deer Creek watershed. The project will leverage Farm Bill funding and benefit sensitive species, including Eastern brook trout.
\$200,000

Trout Unlimited, Inc.

Little Tuscarora Creek Stream and Habitat Restoration Design (MD)
Collaborate with the U.S. Fish and Wildlife Service to produce a restoration design for a 1,500-foot reach of Little Tuscarora Creek in Frederick, Maryland. Project will assess stream conditions and watershed characteristics, and final design plans will include realignment of the stream channel, placement of in-stream habitat structures and riparian buffer plantings.
\$26,536

University of Maryland

Coordinating Local Government Technical Assistance
Coordinate the provision of technical assistance to ten localities participating in the Chesapeake Bay Local Government Capacity Building Initiative. The project will also produce case studies about each locality's experience with the Initiative.
\$39,449

University of Maryland

Financing the Calvert County Watershed Implementation Plan
Develop a strategy to improve the capacity of Calvert County to implement water quality restoration and protection projects and practices through the use of accountable and transparent accounting systems.
\$18,000

University of Maryland Center for Environmental Science

University of Maryland Manure to Energy Support
Provide a leadership role in the oversight, coordination and implementation of the Manure to Energy Initiative.
\$161,219

University of Tennessee

Southeastern Grassland Birds Initiative — III
Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

Water Words That Work, LLC

Chesapeake Covenant Community Communications Strategy
Help the Chesapeake Covenant Community to develop strong communication tools. Project will strengthen existing partnerships and create new opportunities that enable the Community to fulfill its mission and achieve future goals.
\$8,572

Water Words That Work, LLC

Lower Susquehanna Heritage Greenway Communications Strategy
Help the Lower Susquehanna Heritage Greenway to rebrand itself and develop strong communication tools. Project will strengthen existing partnerships and create new opportunities that enable the Greenway to fulfill its mission and achieve future goals.
\$7,240

Western Maryland Resource Conservation and Development Council

Metz-Brawner Stream Bank Stabilization (MD)
Restore water quality and aquatic habitat in a 1,000-foot reach of the Savage River, an important fishery and a critical Eastern brook trout resource in Maryland.
\$199,346

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI
Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.
\$200,899

MASSACHUSETTS**Charles River Watershed Association**

Charles River Invasive Weed Removal Program
Restore river habitat through invasive weed removal. Project will mobilize hundreds of volunteers and conduct on-going research on the efficacy of the program.
\$25,000

CLF Ventures, Inc.

New England Fishing Quota Investment Fund (ME, RI, MA)
Investigate the feasibility of structuring a Triple-Bottom-Line investment fund to meet the needs of investors and facilitate accelerated ownership of permits/quota by New England community fishermen.
\$80,000

Community Development Partnership

Best Practices in Fisheries Trust Management
Develop a scalable model and utilize the on-line "Fish Hub" technology to transfer best practices and lessons learned in fishery trust management to a national audience.
\$124,978

Gulf of Maine Research Institute

Realizing Eco-Efficiency in the Seafood Industry
Improve the eco-efficiency associated with bringing groundfish to market in the Northeast region. Project will build the capacity of fishing enterprises and communities, and improve their sustainability ecologically and economically.
\$50,000

Island Institute

Community Fisheries Network Capacity Building and Expansion

Expand and strengthen the community fishery network in order to continue building capacity and disseminating innovations that improve the long-term sustainability of community fisheries.

\$87,847

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.

\$133,510

Massachusetts Audubon Society, Inc.

Meadow Restoration in the Sudbury Assabet Concord Watershed (MA)

Work with partners to reduce the presence of invasives at five sites in the watershed, restoring meadow, shrubland and pine barrens habitat that is being compromised by invasives. Project will halve the percent cover of invasives in the priority areas.

\$70,100

Mid-Atlantic Center for Herpetology and Conservation

Private Lands Bog Turtle Habitat Restoration (NY, CT, MA)

Restore and protect critical bog turtle habitat on private lands in the Northeast using Natural Resource Conservation Service conservation programs.

\$248,000

Mystic River Watershed Association, Inc.

Mystic River Water Chestnut Removal (MA)

Remove 10 acres of the invasive water chestnut from the Mystic River in Massachusetts using canoe-based hand-pulling techniques. Nearly 400 volunteers, including Watershed Association members, clubs, teams and businesses will contribute nearly 3,000 hours of volunteer time toward this effort.

\$40,000

National Wildlife Refuge Association

Connecticut River Watershed Invasives Control (VT, NH, MA, CT)

Coordinate six local Cooperative Invasive Species Management Areas to facilitate priority actions and networking between groups and improve early detection throughout 7.2 million acre watershed.

\$85,000

Northeast Sector Service Network, Inc.

Simplifying New England Groundfish Sector Reporting

Test and refine the FishTrax on-board module for vessel trip reporting. FishTrax is a multifaceted tool designed specifically to simplify and satisfy the reporting requirements of New England Groundfish Sectors.

\$110,000

Roger Williams University

Analysis of Marine Ornamental Fish and Invertebrates Imports (RI, MA)

Collect two years of import data of fish and invertebrates entering the United States for the marine aquarium trade. Project will produce reports, papers and GIS maps of the trade.

\$98,999

Sustainable Harvest Sector

Electronic Logbooks in a New England Groundfish Sector

Design and implement a new electronic logbook reporting application in the New England groundfishery.

\$20,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.

\$200,899

Wildlife Management Institute

Northeast Young Forest Technical Assistance

Provide technical assistance to private landowners in the Northeast Forest Region to more effectively utilize Farm Bill conservation programs.

\$300,000

Woods Hole Oceanographic Institution

Bowhead Whale Stable Isotopes as Ecosystem Indicators (AK) — II

Analyze stable isotope ratios from bowhead whale baleens to monitor bowhead whale ecology and nutrient flow through Arctic marine food webs of the Arctic and Bering Sea. Project will aid the scientific community with future management plans relating to climate adaptation in the Arctic region.

\$89,264

MICHIGAN**Alger Conservation District**

Alger-Marquette Cross-Border Restoration (MI)

Replace four culverts to restore fish passage to 15 stream miles and conduct control of purple loosestrife on 14 acres in Alger and Marquette Counties.

\$150,000

American Bird Conservancy

Developing Quality Early Successional Habitat for Golden-winged Warbler and American Woodcock

Engage in a public/private partnership to create, restore and/or maintain at least 30,000 acres of high quality Early Successional Habitat that meet American Woodcock and new Golden-winged Warbler Best Management Practices.

\$349,694

City of Rochester, Michigan

Paint Creek Restoration (MI)

Restore natural morphology and riparian vegetation along 3,500 feet of Paint Creek in Dinosaur Hill Nature Preserve and Municipal Park within the Clinton River Area of Concern.

\$750,000

Common Coast Research & Conservation

Escanaba Migratory Bird Enhancement Initiative (MI)

Work with partners to control invasive species and plant native vegetation to restore more than 30 acres of coastal stopover habitat for migratory birds along Portage Bay in Escanaba.

\$50,940

Conservation Resource Alliance

Beaver Island Archipelago Invasive Species Initiative (MI)

Work with partners to control phragmites and other invasive species to improve habitat on 1,400 acres and 7,000 feet of shoreline on six islands in the Beaver Island Archipelago.

\$368,646

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

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\$54,335

Huron Pines Resource Conservation & Development Council, Inc.

Northern Saginaw Bay Restoration Initiative (MI)

Work with private landowners and other partners to restore 12 miles of aquatic connectivity, improve 150 acres of wetlands and improve water quality in the northern Saginaw Bay watershed.

\$693,000

Huron Pines Resource Conservation & Development Council, Inc.

Helping Northern Michigan's Landowners Care for their Land

Provide technical assistance to approximately 300 private landowners to help optimize wildlife conservation on roughly 4,000 acres of private lands across the northern Lower Peninsula.

\$522,000

Huron Pines Resource Conservation & Development Council, Inc.

Kirtland's Warbler Initiative (MI)

Improve ecosystem management in northern Michigan, benefitting the Kirtland's warbler and other species.

\$199,975

Macomb County Public Works Office

North Branch Clinton River Habitat Restoration (MI)

Remove an in-stream barrier and stabilize stream banks to restore 10 miles of connectivity and improve habitat along the North Branch Clinton River.

\$32,500

Michigan State University

Stakeholder-centered Management of Lake Erie Yellow Perch

Convene a stakeholder-centered working group to evaluate and develop harvest policies for Lake Erie yellow perch fisheries. Stakeholders will work with managers and scientists in using models to determine the policies that work best for both the fishing community and the resource.

\$73,432

Quality Deer Management Association

Developing Wildlife Management Cooperatives

Using the Greater Noxubee Wildlife Management Cooperative as a model, create three Wildlife Management Cooperatives surrounding National Wildlife Refuges in the Northeast, Midwest and West.

\$49,299

Saginaw Basin Land Conservancy

Saginaw Bay Imperiled Lake Plain Prairie Habitat Restoration (MI)

Control invasive phragmites to restore 101 acres, 11,700 linear feet of stream bank and 10,100 linear feet of coastal habitat along Saginaw Bay.

\$150,000

The Regents of the University of Michigan

Restoring Fish Spawning Habitat in the Detroit River (MI)

Construct a reef in the Detroit River to create nearly a hectare of spawning habitat for lake sturgeon, walleye and other fish within the Detroit River Area of Concern.

\$799,226

The Regents of the University of Michigan

Eastern Massasauga Habitat Restoration and Education (MI) — II

Control invasive species and conduct prescribed burns on 250 acres of floodplain, fen and adjacent upland habitat along Fleming Creek.

\$112,348

Upper Peninsula Resource Conservation and Development Council

Invasive Phragmites Control in Michigan's Upper Peninsula

Work with partners to control invasive phragmites to restore and enhance 400 acres of coastal shoreline and wetlands in the Upper Peninsula of Michigan.

\$458,160

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.

\$200,899

MINNESOTA

American Bird Conservancy

Developing Quality Early Successional Habitat for Golden-winged Warbler and American Woodcock

Engage in a public/private partnership to create, restore, and/or maintain at least 30,000 acres of high quality Early Successional Habitat that meet American Woodcock and new Golden-winged Warbler Best Management Practices.

\$349,694

Conservation Minnesota

Aquatic Invasive Species Prevention Training (MN)

Create and implement an aquatic invasive species monitoring program that includes prevention, early detection and rapid response protocols to volunteers.

\$50,000

Ducks Unlimited, Inc.

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\$54,335

Itasca Water Legacy Partnership

Itasca County Partnership to Control Purple Loosestrife (MN)

Control purple loosestrife in Minnesota lake country using biological controls, herbicides, hand pulling and education. Project will reduce loosestrife at 50 sites and distribute 12 seminars and 1,000 booklets annually.

\$30,000

Land Stewardship Project

Accelerating and Implementing Conservation in the Root River Watershed (MN)

Accelerate conservation in the Root River Watershed through significant landowner contact and by implementing conservation plans for grazing, nutrients, habitat and water quality.

\$198,320

Land Stewardship Project

Ramping Up Grassland Conservation in the Chippewa Watershed (MN)

Provide technical assistance to increase conservation program adoption by farmers and landowners for grazing, prairie, cropland and water quality in the Chippewa River Watershed.

\$185,561

Minnesota Trout Unlimited

Stewart River Habitat Enhancement and Watershed Improvement (MN)

Restore habitat for coaster brook trout and other salmonids along more than 7,000 feet of the Stewart River by adding in-stream structures and planting riparian trees to increase canopy cover.

\$120,000

Sugarloaf: The North Shore

Stewardship Association

Lake Superior North Shore Forest Restoration and Protection (MN)

Assist private landowners with invasive species control and native tree planting to restore approximately 200 acres of coastal forest along Lake Superior.

\$25,000

Trout Unlimited, Inc.

Engaging Driftless Area Landowners in Farm Bill Programs

Increase the capacity of organizations to implement Farm Bill programs that protect, restore and enhance streams for fish and other aquatic life throughout the Driftless Area.

\$133,333

MISSISSIPPI

Institute for Marine Mammal Studies

Live and Dead Marine Mammal Stranding Response (MS)

Respond to live and dead stranded marine mammals in Mississippi and Gulf of Mexico in accordance with established protocols for Unusual Mortality Events.

\$66,000

Land Trust for the Mississippi Coastal Plain

Restoration of Henderson Point
Greenway / Blueway (MS)

Restore wetland and upland forest to a pristine natural environment on 6.8 acres in Henderson Point.
\$15,000

Manomet, Inc.

American Oystercatcher Coastwide
Aerial Survey

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.
\$83,750

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

Mississippi Department of Wildlife, Fisheries and Parks

Restoration of Longleaf Pine in
South-Central Mississippi

Provide seedlings and cost-share assistance to plant nearly 642,000 longleaf pine trees on 1,180 acres of private lands in south-central Mississippi. Project will conduct one landowner field day and four “town hall” meetings to inform landowners about the benefits of the longleaf pine ecosystem, and will help solicit enrollment in the project.
\$150,000

Mississippi Farm Bureau Foundation & Relief Fund, Inc.

Public Invasive Weed Education
and Control (MS)

Increase public awareness through invasive weed education and control. Project will facilitate prevention and control activity through distance learning, public events and personal communications, and control products. This will be databased in the Invasive Plant Atlas of the MidSouth and provided to a wider audience for making informed decisions within their management areas.
\$10,000

Mississippi Forestry Commission

Longleaf Pine Ecosystem Restoration (MS)

Restore approximately 179 acres of longleaf pine working with partners such as the Mississippi State University Extension, the National Wild Turkey Federation and the U.S. Forest Service. Project will inform landowners in the longleaf range about the value of managing longleaf pine and the complementing understory from both an economic and a wildlife habitat diversity standpoint.
\$89,999

Mississippi State University

Bayou Auguste Restoration (MS)

Enhance .4 acres of urbanized tidal stream in Biloxi through debris removal, streambank reshaping, installation of erosion control materials and native species planting. The project will engage students, residents, City workers and volunteers in restoration and educational activities to increase stewardship over Bayou Auguste.
\$31,390

Southeastern Wildlife Conservation Group

Invasives Eradication on Wet Pine
Savanna Habitat

Remove invasive and unwanted species such as the popcorn tree and cogongrass from 80 acres of savanna habitat and create a one-mile long trail to educate visitors through signage. Project activities include mechanically or chemically treating degraded and overgrown Pine Savanna habitat; lopping or chopping down unwanted slash pine trees; removing remnants of previous inhabitants; and strategically placing cavity nesting boxes within the area as needed.
\$25,000

The Longleaf Alliance, Inc.

Evaluation of Longleaf Pine Groundcover
Ecotype Seed Sources

Evaluate differences in germination, establishment, phenological characteristics and growth rates among proposed seed transfer zones for six common understory plant species that provide functionality in the longleaf ecosystem.
\$85,000

The Nature Conservancy

Biloxi Bay Oyster Habitat Restoration (MS)

Construct 15–20 acres of sub-tidal oyster reef in Biloxi Bay, Mississippi. Project will expand ongoing restoration activities that will restore the biological functionality of oyster reefs in this estuary.
\$134,365

The Nature Conservancy

DeSoto-Camp Shelby Longleaf
Implementation Team (MS)

Formalize a local coalition that will define priority areas to restore longleaf, discuss current conditions and determine longleaf restoration goals.
\$90,884

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure

national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

MISSOURI**University of Tennessee**

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

Conservation Federation of Missouri

Share the Harvest (MO)

In honor of Don R. Johnson, a Budweiser Conservationist of the Year 2012 finalist, Conservation Federation of Missouri will help support the Share the Harvest program in Missouri, a program through which deer hunters are able to donate venison to the needy.
\$5,000

Pheasants Forever, Inc.

Missouri Farm Bill Technical
Assistance Initiative

Support three Farm Bill Biologists in the Mississippi River Basin Initiative critical watersheds of Missouri. The positions will focus on expiring Conservation Reserve Program and Natural Resource Conservation Service financial assistance programs.
\$300,000

Center for Plant Conservation, Inc.

Partnership for Seed Banking on Federal
Agency Lands (MO)

Collect and secure material of a minimum of 13 G1 plant species collections that occur on federal lands and deposit them at National Center for Genetic Resources Preservation.
\$34,667

MONTANA**Beaverhead County Weed District**

Beaverhead River Noxious Weed
Management (MT)

Control noxious weeds along the Beaverhead River through the use of a commercial applicator, education of landowners and providing a cost-share program.
\$30,000

Clark Fork Coalition

Community Water Marketing
Program — XI (MT)

Identify, implement and monitor water trans-actions in the Clark Fork basin of Montana.
\$159,417

Ducks Unlimited, Inc.

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Ducks Unlimited, Inc.

Native Grassland Protection in the Prairie Potholes of Montana
Secure perpetual easements on 227 acres of critical native prairie grassland and 158 acres of wetlands in the Prairie Pothole Region of Montana. \$50,000

Montana Conservation Corps

Crown of the Continent and Prairie Next Generation Stewards (MT)
Deploy youth from urban, rural and tribal communities to complete on-the-ground restoration and monitoring projects to enhance the Crown of the Continent and Northern Plains ecosystems. \$80,000

Montana Department of Fish, Wildlife and Parks

Bear Conflict Management in the Cabinet-Yaak Region (MT)
Reduce human-caused bear mortalities through human-bear conflict prevention and increased public awareness and tolerance of bears throughout the Cabinet-Yaak region. \$49,998

Rocky Mountain Elk Foundation

Tenderfoot Lands Protection (MT)
Permanently protect 8,200 acres of high quality terrestrial, riparian and fisheries habitat in the Smith River Watershed for the benefit of wildlife and the public. \$50,000

Sonoran Institute

Road Planning and Design to Protect Wildlife Corridors (MT)
Develop design recommendations to mitigate wildlife-vehicle conflict in key wildlife linkage areas between the Crown of the Continent ecosystem and the Cabinet-Yaak ecosystem. Project will use travel demand scenarios and road ecology science to develop road design standards that reduce vehicle-wildlife conflicts and secure their adoption by the Montana Department of Transportation. \$120,000

The Blackfoot Challenge, Inc.

Blackfoot Valley Carnivore Conservation
Conserve carnivores and other wildlife by protecting habitat, improving connectivity and reducing human-caused mortality of grizzly bears and wolves across 750,000 acres. \$109,500

The Trust for Public Land

Cabinet-Purcell Forestlands Conservation Partnership
Conserve critical habitat and improve wildlife connectivity within the Cabinet-Purcell-Selkirk eco-region of the Northern Rockies. Project will permanently protect and partially restore more than 28,000 acres of critical grizzly bear and other wildlife habitat in the heart of the Cabinet-Purcell-Selkirk eco-region near Troy, Montana. \$230,000

Trout Unlimited, Inc.

Montana Water Project — XI
Develop and complete instream flow water transactions in the upper Columbia River Basin. Project will monitor flows in order to assure the delivery of water in the protected reach. \$52,549

USDA-Forest Service, Flathead National Forest

Swan Lake Bull Trout Conservation (MT)
Suppress non-native lake trout in order to conserve bull trout in Swan Lake in northwest Montana. Project supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan. \$45,000

Wildlife Conservation Society

Shields River Yellowstone Cutthroat Trout Conservation (MT)
Conserve Yellowstone cutthroat trout in the Shields River basin by prioritizing critical habitats, analyzing impacts of future climate change, and evaluating current and potential fish barrier sites. \$32,875

Yellowstone National Park

Saving the Soda Butte Creek Cutthroat Trout (MT, WY) — II
Construct a barrier to permanently halt non-native fish invasion in Soda Butte Creek in the northeast corner of Yellowstone National Park. Project will secure a stronghold population of Yellowstone cutthroat trout. \$38,700

NEVADA**Eastern Nevada Landscape Coalition**

Eastern Nevada / Western Utah Invasive Weed Control Program
Treat/monitor invasive weeds across 8.4 million acres in eastern Nevada and western Utah, targeting knapweed, pepperweed, hoary cress and thistle. Project will educate 200 citizens on invasive weed control. \$100,000

Great Basin Institute

Restoration of the Upper Carson Slough (NV)
Remove several target invasive plant species and plant native plant species to support the restoration of the Upper Carson Slough and the greater Amargosa River Basin. \$50,000

Great Basin Institute

Virgin River Watershed Habitat Restoration (NV)
Provide young people with insight into the world of conservation through hands-on restoration work. Project will restore 30 acres of Bureau of Land Management land along the Virgin River watershed. \$80,000

Paradise Valley Weed District

Paradise Medusahead Control (NV)
Establish a weed control program for medusahead. Project will control the 6,000 acre medusahead footprint by chemical treatment and progress to a phase of restoration to include wildlife habitat. \$30,000

Yerington Paiute Tribal Council

Wetland Restoration for Improved Walker Lake Inflows (NV)
Conduct a demonstration project integrating wetland restoration and water management to provide wetland habitat on the Yerington Paiute Reservation, improve water quality and increase Walker Lake inflows. \$317,301

NEW HAMPSHIRE**Community Development Partnership**

Best Practices in Fisheries Trust Management
Develop a scalable model and utilize the on-line "Fish Hub" technology to transfer best practices and lessons learned in fishery trust management to a national audience. \$124,978

Connecticut River Watershed Council, Inc.

Connecticut River Brook Trout Outreach and Education (VT, NH)
Conduct outreach to, and education of, private landowners about Natural Resource Conservation Service programs and the benefits of riparian buffers and fish passage structures for brook trout in the Connecticut River watershed in Vermont and New Hampshire. \$52,786

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

In honor of Bill D’Alonzo, invest in two of Ducks Unlimited’s highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America’s boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds. \$54,335

Gulf of Maine Research Institute

Realizing Eco-Efficiency in the Seafood Industry

Improve the eco-efficiency associated with bringing groundfish to market in the Northeast region. Project will build the capacity of fishing enterprises and communities, and improve their sustainability ecologically and economically. \$50,000

National Wild Turkey Federation, Inc.

Northeast Farm Bill Biologist and Technical Assistance Program (NY, NH, ME)

Utilize two biologists stationed in the Northeast to promote Farm Bill programs and provide technical assistance plans to private landowners to increase young forest acreage in New York, New Hampshire and Maine. \$73,494

National Wildlife Refuge Association

Connecticut River Watershed Invasives Control (VT, NH, MA, CT)

Coordinate six local Cooperative Invasive Species Management Areas to facilitate priority actions and networking between groups and improve early detection throughout 7.2 million acre watershed. \$85,000

Northeast Sector Service Network, Inc.

Simplifying New England Groundfish Sector Reporting

Test and refine the FishTrax on-board module for vessel trip reporting. FishTrax is a multifaceted tool designed specifically to simplify and satisfy the reporting requirements of New England Groundfish Sectors. \$110,000

Sustainable Harvest Sector

Electronic Logbooks in a New England Groundfish Sector

Design and implement a new electronic logbook reporting application in the New England groundfishery. \$20,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia. \$200,899

Wildlife Management Institute

Northeast Young Forest Technical Assistance

Provide technical assistance to private landowners in the Northeast Forest Region to more effectively utilize Farm Bill conservation programs. \$300,000

NEW JERSEY

City Parks Foundation

Development of a Mid-Atlantic Regional Seed Bank and Network

Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed. \$35,000

Conserve Wildlife Foundation of New Jersey, Inc.

Preserving and Restoring Land to Recover Bog Turtles (NJ)

Promote Natural Resource Conservation Service programs to historic bog turtle site landowners by hiring a full-time biologist, building on landowner contacts developed in U.S. Fish and Wildlife Service agreement and leveraging funds requested through Wetlands Reserve Enhancement Program. \$95,357

Cornell Cooperative Extension

Association of Suffolk County

Bycatch Avoidance Network for River Herring/ Butterfish (NY)

Initiate a fleet communication system that will report real-time observations of butterfish and river herring/shad bycatch hotspots from vessels in the squid fishery to reduce fleet-wide bycatch. \$100,000

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

In honor of Bill D’Alonzo, invest in two of Ducks Unlimited’s highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America’s boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic

waterfowl throughout their life cycle from the breeding grounds to the wintering grounds. \$54,335

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts. \$133,510

New Jersey Invasive Species Strike Team

New Jersey Invasive Species Strike Team Expansion

Continue to develop a diverse group of public and private partners within Cooperative Invasive Species Management Areas. Inform partners about invasive species and the team’s cooperative approach. \$73,878

Schiff Natural Lands Trust, Inc.

Shale Valley Acquisition and Wetland Restoration (NJ)

Restore the Shale Valley wetland, located in the preservation area of the Highlands in New Jersey, a property critical for wildlife habitat and water quality protection. Activities include eradicating invasive species, reclaiming a heavily disturbed former mining site, and establishing native grasses in wetland and early-successional areas, all while engaging the local community. \$12,295

U.S. Fish and Wildlife —

New Jersey Field Office

New Jersey Bog Turtle Recovery

Recover bog turtle populations in the Hudson Housatonic Recovery Unit in New Jersey. Project will assess 115 of these sites, prioritize for restoration/ management needs and conduct restoration at 12 of the highest priority sites, restore 30 acres and permanently protect at least two bog turtle sites. \$60,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia. \$200,899

NEW MEXICO

Forest Guild, Inc.

Collaborative Forest Restoration and Education in New Mexico

Partner with the Cibola National Forest to establish a young adult conservation crew to collect valuable habitat data and protect scarce water resources. \$75,422

National Audubon Society, Inc.

Rio Grande Water Transactions Program — Canalization Reach (NM, TX)
Develop and implement a voluntary, market-based water transaction program to acquire or lease water rights to benefit the river ecosystem in the United States Section of the International Boundary and Water Commission Rio Grande Canalization Project.
\$189,927

New Mexico Association of Conservation Districts

Lesser Prairie Chicken Technical Assistance (NM)
Provide field biologists and rangeland management specialists working with Natural Resources Conservation Service field offices to provide technical assistance to farmers and ranchers for wildlife conservation.
\$529,500

Rocky Mountain Bird Observatory

Evaluating Avian Use of Restored Desert Grasslands
Conduct a comparative study of non-breeding grassland bird use of restored grassland sites that have undergone varying restoration techniques across the Sky Islands region.
\$157,412

The Trust for Public Land

Establishing the Middle Rio Grande National Wildlife Refuge (NM)
Conduct Phase 1 of a multiphased project to preserve and restore 570 acres of vital riparian habitat along the Rio Grande in New Mexico in a unique cost-sharing partnership with local and federal partners. Project will create a hub of unfragmented habitat in connection with the adjacent Rio Grande Valley State Park.
\$500,000

Western Association of Fish and Wildlife Agencies

Lesser Prairie Chicken Aerial Monitoring
Conduct aerial monitoring for Lesser Prairie Chicken to establish a baseline and allow for the assessment of future Lesser Prairie Chicken population response to conservation measures.
\$55,092

NEW YORK**Alley Pond Environmental Center, Inc.**

Festival of Little Neck Bay and Long Island Sound (NY)
Conduct National Estuaries Day and Little Neck Bay/Long Island Sound Festival for 1,500 participants. Events will feature boat tours, exhibits and activities designed to educate about the value of estuaries.
\$8,000

American Littoral Society

Long Island Sound Component, 2012 NY Beach Cleanup (NY)
Coordinate the 2012 International Coastal Cleanup at 87 miles of beaches on Long Island Sound involving 2,900 volunteers with data compiled at 64 sites to develop strategies to combat marine pollution.
\$6,000

City of Binghamton

Expanding Green Infrastructure in the City of Binghamton
Create an incentive program for landowners to implement Green Infrastructure practices to fulfill and exceed requirements set forth in a newly-adopted Erosion Control and Stormwater Ordinance.
\$200,000

City of New York Parks and Recreation

Rodman's Neck Coastal Forest Restoration, Phase II (NY)
Restore or enhance approximately 31 acres, replacing invasive plants with native coastal forest and creating a corps of 15 volunteers to steward the newly restored site.
\$100,000

City of New York Parks and Recreation

Alley Pond Park Restoration and Stewardship (NY)
Restore or enhance approximately 26 acres, replacing invasive plants with native coastal forest.
\$100,000

City Parks Foundation

Development of a Mid-Atlantic Regional Seed Bank and Network
Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed.
\$35,000

Committee to Save the Bird Homestead, Inc.

Water Access, Invasive Control & Environmental Signs (NY)
Remove invasive plants, construct public kayak access and install educational signage about the Long Island Sound, attracting 1,000 visitors. The project will initiate a Blue Trail in Westchester County.
\$10,000

Cornell Cooperative Extension Association of Suffolk County

Bycatch Avoidance Network for River Herring/ Butterfish (NY)
Initiate a fleet communication system that will report real-time observations of butterfish and river herring/shad bycatch hotspots from vessels in the squid fishery to reduce fleet-wide bycatch.
\$100,000

Cornell Cooperative Extension

Association of Suffolk County
Engaging Vineyards to Implement Water Quality Improvement (NY)
Develop a state-of-the-art pest and nutrient management program to be piloted at six wineries aimed at reducing pesticide use and improving ground and surface water quality.
\$128,000

Cornell Cooperative Extension Association of Suffolk County

The "Marine Meadows" Eelgrass Restoration Program (NY, CT)
Restore one acre of eelgrass and engage 400 volunteers in preparing materials for eelgrass transplant at four sites in Connecticut and New York.
\$95,341

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle
In honor of Bill D'Alonzo, invest in two of Ducks Unlimited's highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America's boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds.
\$54,335

Friends of Flax Pond, Inc.

Student Watershed Initiative — Smithtown Bay thru Mt Sinai (NY)
Conduct an education and social marketing program for 120 high school students, six teachers and 18 adult volunteers from six communities to build knowledge and increase stewardship of the Long Island Sound.
\$35,000

Friends of the Bay, Inc.

Friends of the Bay Water Quality Monitoring 2012 (NY)
Conduct water quality monitoring for 18 municipalities, county health department and state government to pinpoint hotspots and help manage shellfish harvesting, swimming and other water-based activities.
\$25,996

Groundwork Hudson Valley, Inc.

Bridging the Forestry Diversity Gap
Provide 16 low-income, minority youth from Yonkers, New York, with a paid, in-depth, conservation job training program. On site training and projects will be completed in the Chatahoochee, Cherokee and Nantahala-Pisgah National Forests and will expose youth to Forest Service work and job opportunities.
\$50,091

Incorporated Village of Sea Cliff, New York

Hempstead Harbor 2012 Water Quality Monitoring Program (NY)

Conduct water quality monitoring at 18 locations and track 13 different sources of pollution for nine local governments and other public agencies to allow them to track improving and declining water quality. \$40,000

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas. \$83,750

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts. \$133,510

Michigan State University

Stakeholder-centered Management of Lake Erie Yellow Perch

Convene a stakeholder-centered working group to evaluate and develop harvest policies for Lake Erie yellow perch fisheries. Stakeholders will work with managers and scientists in using models to determine the policies that work best for both the fishing community and the resource. \$73,432

Mid-Atlantic Center for Herpetology and Conservation

Private Lands Bog Turtle Habitat Restoration (NY, CT, MA)

Restore and protect critical bog turtle habitat on private lands in the Northeast using Natural Resource Conservation Service conservation programs. \$248,000

National Wild Turkey Federation, Inc.

Northeast Farm Bill Biologist and Technical Assistance Program (NY, NH, ME)

Utilize two biologists stationed in the Northeast to promote Farm Bill programs and provide technical assistance plans to private landowners to increase young forest acreage in New York, New Hampshire and Maine. \$73,494

Northeast Sector Service Network, Inc.

Simplifying New England Groundfish Sector Reporting

Test and refine the FishTrax on-board module for vessel trip reporting. FishTrax is a multifaceted tool designed specifically to simplify and satisfy the reporting requirements of New England Groundfish Sectors. \$110,000

Oswego County Soil and Water**Conservation District**

Aquatic Invasive Species Control in

Onondaga and Oswego Counties (NY) Control invasive water chestnut on 200 acres over 40 linear river miles to improve fish habitat, angling and boating opportunities and other recreational uses. \$55,000

Peconic Green Growth, Inc

Plan for Decentralized Wastewater Treatment, North Fork (NY)

Prepare three designs and management information for communities in 16 workshops about decentralized wastewater treatment in clustered formations as alternatives to traditional on-site wastewater treatment. \$60,000

Randall's Island Park Alliance

Randall's Island Wetlands Stewardship Program (NY)

Engage 2,400 students from 35 schools and 600 volunteers in enhancement and monitoring of, and education about, a nine acre salt marsh and freshwater wetland. 600 volunteers will plant 500 trees on two acres. \$35,000

Stroud Water Research Center

Low-Cost Methods for Forested Buffer Plantings (NY, PA)

Develop and evaluate low cost methods for forest buffer establishment, including natural regeneration, direct seeding, live staking and alternative protection and herbicide treatments. \$200,000

Tioga County Soil and Water**Conservation District**

Reconnecting Floodplains through Streamside Berm Removal (NY)

Develop a floodplain berm removal program in areas that are likely to be sources of high sediment loads. Project will partner with local highway departments to remove berms, install stream stabilization structures and train highway personnel on the long-term consequences of activities that disrupt stream and floodplain functionality. \$150,000

Town of Oyster Bay

Onsite Septic Training and Certification Program (NY)

Deliver a conference to local government about on-site wastewater treatment system management tools and provide two 16-hour classroom and field training sessions and a certification examination to 50 public/private on-site wastewater treatment system inspectors. \$30,000

University of Connecticut

Great Gull Island Management and Invasives Control (NY)

Develop a management plan and engage volunteers to remove invasive, nuisance plants from seven acres of the island to improve and increase Common and Roseate tern nesting habitat. \$39,866

University of Connecticut

Nutrient Bioextraction in Long Island Sound (CT, NY)

Demonstrate the use of kelp, a native seaweed, to bioextract 53 lbs. of nitrogen and 343 lbs. of carbon pollution at a small scale, and then model the potential large-scale nutrient removal capacity. \$157,448

Village of Old Field

Conscience Bay Stormwater Treatment/Wetland Enhancement (NY)

Install 35 subsurface infiltration units connected to four curbside catch basins and four bioswales to treat 194 million gallons of stormwater runoff. \$200,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia. \$200,899

Wildlife Management Institute

Northeast Young Forest Technical Assistance

Provide technical assistance to private landowners in the Northeast Forest Region to more effectively utilize Farm Bill conservation programs. \$300,000

NORTH CAROLINA**Carolina Mountain Land Conservancy, Inc.**

Hickory Nut Gorge Weed Management (NC)

Reduce populations of invasive plant species threatening native habitat in Hickory Nut Gorge, control invasive plant species on 250 acres through integrated pest management, protect and enhance native habitat, and train 40 volunteers and host 40 workshops concerning the identification, threats and treatment of invasive species. Project will result in the development of a Weed Management Plan and will adapt to new information as volunteers and partners inventory invasive species populations in the project area. \$30,000

Conservation Trust for North Carolina

Conserving Southern Blue Ridge Trout Habitat (TN, NC)

Protect 12,055 acres and 37 stream miles in Tennessee and North Carolina to ensure survival of native trout and Golden-wing Warbler populations.
\$500,000

Groundwork Hudson Valley, Inc.

Bridging the Forestry Diversity Gap

Provide 16 low-income, minority youth from Yonkers, New York, with a paid, in-depth, conservation job training program. On site training and projects will be completed in the Chatahoochee, Cherokee and Nantahala-Pisgah National Forests and will expose youth to Forest Service work and job opportunities.
\$50,091

Island Institute

Community Fisheries Network Capacity Building and Expansion

Expand and strengthen the community fishery network in order to continue building capacity and disseminating innovations that improve the long-term sustainability of community fisheries.
\$87,847

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.
\$83,750

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

Mountain Valleys Resource Conservation & Development Council

Southern Appalachian Cooperative Weed Management (NC, TN) — II

Implement six strategic objectives towards managing invasive exotic plants in priority conservation areas: prevention, education, detection, control, restoration and cooperation.
\$40,000

Sandhills Ecological Institute, Inc.

Invasive Plant Management on Sandhills Safe Harbor Lands (NC)

Conduct invasive plant management on private lands enrolled in the U.S. Fish and Wildlife Service Safe Harbor Program in the North Carolina Sandhills. Project will focus on species affecting the preservation and restoration of the longleaf pine ecosystem.
\$45,000

The Nature Conservancy

Onslow Bight Longleaf Pine Ecosystem Restoration (NC)

Expand longleaf pine and native groundcover through active restoration and management on both public and private lands within the Onslow Bight landscape.
\$165,000

The Nature Conservancy

North Carolina Sandhills Longleaf Restoration Task Force

Create a North Carolina Sandhills Longleaf Task Force whose primary objective is to reintroduce growing-season fire to the North Carolina Sandhills. Project will burn 3,000 acres, establish fire breaks, reduce 100 acres of mid-story hardwoods, remove off-site pine, eradicate 50 acres of invasive plants, establish 100 acres of native groundcover, and plant 200 acres of longleaf pine.
\$349,920

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

NORTH DAKOTA**Delta Waterfowl Foundation**

Priority Waterfowl Research — II

Support three priority waterfowl research efforts including the movements and survival of mottled ducks along the Gulf Coast, evaluating landscape features influence on nest survival in the Prairie Pothole Region of North Dakota, and modeling the consequences of water scarcity on carrying capacity of waterfowl habitat in the Central Valley of California.
\$49,000

OHIO**City Parks Foundation**

Development of a Mid-Atlantic Regional Seed Bank and Network

Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed.
\$35,000

Cleveland Metroparks

Fowles Marsh Habitat Restoration (OH)

Control invasive species and plant native vegetation to restore wetland functions and habitat on 60 acres of Fowles Marsh.
\$140,000

Fair Food Network

Urban Agriculture in Cleveland (OH)

Establish a successful urban farming project in Cleveland based on hoop house production on individual city lots.
\$200,000

Lake Metroparks

Lake Erie Bluffs Preservation (OH)

Acquire a portion of 89 acres of coastal property as part of a larger effort to protect 600 acres and 9,000 feet of contiguous Lake Erie shoreline in Painesville and Perry Townships.
\$300,000

Michigan State University

Stakeholder-centered Management of Lake Erie Yellow Perch

Convene a stakeholder-centered working group to evaluate and develop harvest policies for Lake Erie yellow perch fisheries. Stakeholders will work with managers and scientists in using models to determine the policies that work best for both the fishing community and the resource.
\$73,432

The Nature Conservancy

Coastal Wetland Restoration in the Maumee Area of Concern (OH)

Partner with Ottawa National Wildlife Refuge and Ducks Unlimited to restore approximately 505 acres of wetlands and uplands near Lake Erie within the Maumee Area of Concern.
\$600,000

Winous Point Marsh Conservancy

Invasive Species Management in Western Lake Erie (OH)

Work with partners to augment an existing invasive weed management program to control phragmites and flowering rush on 550 acres of coastal marsh along Lake Erie.
\$56,050

OKLAHOMA**Quality Deer Management Association**

Developing Wildlife Management Cooperatives

Using the Greater Noxubee Wildlife Management Cooperative as a model, create three Wildlife Management Cooperatives surrounding National Wildlife Refuges in the Northeast, Midwest and West.
\$49,299

The Nature Conservancy

Nickel Preserve Stewardship for Migratory Birds (OK)

Complete the necessary on-the-ground work to conserve stopover and nesting habitat crucial to the survival of the many bird species with migratory routes in the Ozarks of north-eastern Oklahoma.

\$100,000

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.

\$372,558

Western Association of Fish and Wildlife Agencies

Lesser Prairie Chicken Aerial Monitoring

Conduct aerial monitoring for Lesser Prairie Chicken to establish a baseline and allow for the assessment of future Lesser Prairie Chicken population response to conservation measures.

\$55,092

OREGON**Alaska Department of Fish and Game**

Annual Movements of Dusky Canada Geese Nesting in Alaska

Use satellite telemetry to track movements of dusky Canada geese in the Copper River Delta of Alaska. Project results will aid in broad scale management activities related to habitat use, harvest management and population inventory.

\$62,700

Cher-Ae Heights Indian Community of Trinidad Rancheria

Tribal Outreach and Policy Support (WA, OR, CA)

Engage West Coast Tribes on how they will participate in the Coastal and Marine Spatial Planning body and on how they will engage in coast-wide and National Ocean Council-related issues.

\$58,000

Confederated Tribes of the Umatilla Indian Reservation

Water Rights Accord IV

Work with the Washington Water Trust, the Walla Walla Watershed Management Partnership and The Freshwater Trust to support innovative voluntary water transactions.

\$38,725

Deschutes River Conservancy

Deschutes Water Transactions 2013 (OR)

Restore stream flows throughout the Deschutes River Basin, Oregon, through incentive-based water rights transactions.

\$249,277

Ducks Unlimited, Inc.

North American Boreal Conservation

Campaign and Completing the Cycle

In honor of Bill D'Alonzo, invest in two of Ducks Unlimited's highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America's boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds.

\$54,335

Ecotrust

West Coast Regional Data Framework (WA, OR, CA)

Develop a next-generation coastal and marine data network and system to support west coast regional and national ocean priorities and planning for ocean uses.

\$117,000

Fishermen's Marketing Association, Inc.

Development and Evaluation of Image Recognition Software

Develop and evaluate image recognition software that can be used to screen video images collected onboard commercial fishing boats to determine if discarding is occurring and to identify the species.

\$96,178

Island Institute

Community Fisheries Network Capacity Building and Expansion

Expand and strengthen the community fishery network in order to continue building capacity and disseminating innovations that improve the long-term sustainability of community fisheries.

\$87,847

Klamath Basin Rangeland Trust

Lower Williamson River Redband Trout Habitat Enhancement (OR)

Add large woody debris and gravels to enhance spawning and rearing habitat in the Williamson River of Oregon to benefit redband trout. Project supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan.

\$26,700

Klamath Basin Rangeland Trust

Upper Sevenmile Creek and Upper Klamath Lake Flow Restoration (OR)

Permanently transfer instream water rights to rewater Sevenmile Creek and increase flows to Upper Klamath Lake in Oregon. Project, which supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan, will benefit redband trout, bull trout and endangered suckers on both private and National Forest property.

\$200,000

Lower Columbia River Estuary Partnership

Melrum Bar Restoration and Enhancement (OR)

Restore three acres of riparian habitat with the help of 300 4th and 5th grade students, 12 teachers and 24 school volunteers who will receive classroom lessons in environmental topics and apply them by removing invasives and replanting native plants during service learning field trips.

\$24,914

Marine Conservation Alliance Foundation

Development of Video Monitoring for Full Retention Fisheries (WA, OR)

Develop a video-based catch monitoring system and computer-aided video review software to reduce the number of human observers and reviewers involved in the monitoring of full-retention fisheries.

\$100,000

Mt. Hood Community College/ Project YESS

Restoring the Future: Pathways to Careers in Conservation (OR)

Provide inner-city and minority youth with needed jobs and opportunities to learn about conservation careers. Program involves hands-on conservation projects and career and college exploration.

\$70,243

North Coast Land Conservancy, Inc.

Sand Lake Estuary Acquisition (OR)

Acquire 167 acres of coastal estuary and associated freshwater wetlands in the Sand Lake Estuary of Oregon. Project will protect habitat for important salmonid and bird species, including coho salmon, bald eagles and willow flycatchers.

\$40,000

Northwest Youth Corps

Klamath Basin Stewardship Project (OR)

Provide 100 teens with paid or volunteer habitat restoration and other conservation related projects, field education training opportunities and access to natural resource professionals.

\$99,995

Oregon Water Resources Department**Water Transaction Coordination and Monitoring (OR) — VIII**

Assist Oregon qualified local entities on water transactions. Project will also provide for continued monitoring for an on-going transaction on the Lostine River.
\$51,347

Pacific Northwest Invasive Plant Council**Early Detection Rapid Response Pilot Program (WA, OR)**

Develop an Early Detection Rapid Response program within the Washington State Weed Cooperative Management Areas. Project will engage the local community in the operations of the Weed Management Areas and educate them on the subject of ecosystem ecology and invasive species, with the overarching goal of no new established invasions.
\$20,000

Rocky Mountain Elk Foundation**Headwaters of the John Day Land Acquisition Project (OR)**

In honor of Fred Bryant, a Budweiser Conservationist of the Year 2012 finalist, Rocky Mountain Elk Foundation will help facilitate its Headwaters of the John Day River Acquisition project in Oregon, an effort to secure 12,500 key acres of private lands for wildlife and the public.
\$5,000

Shorebased Whiting Cooperative**Shorebased Whiting Overfished Species Risk Pool Cooperative (WA, OR, CA)**

Create a Pacific whiting cooperative with the technical support infrastructure to manage bycatch using real time and historic observer and electronic fish-ticket data to assist with hotspot avoidance.
\$75,000

The Freshwater Trust**Innovative Transactions to Restore Flows — X (OR)**

Implement voluntary, cooperative, market-based instream flow transactions throughout the Columbia River Basin.
\$190,059

The Freshwater Trust**Flow Restoration in the Umatilla Basin — IV**

Implement voluntary, cooperative and market-based instream flow transactions in the Umatilla and Upper Grande Ronde watersheds in Oregon.
\$136,519

The Freshwater Trust**Upper Sandy River Basin Habitat Restoration (OR)**

Restore side channel, mainstem and riparian habitat on federal agency lands on the Salmon River and Steel Creek in Oregon to address limiting factors for Chinook, coho and

winter steelhead. Project will also advance the development of StreamBank software.
\$124,800

The Wetlands Conservancy, Inc.**Nyberg Creek Wetland Preserve Restoration (OR)**

Enhance the biodiversity and habitat quality of Nyberg Creek Wetland Preserve.
\$100,000

Tillamook School District No. 9**Tillamook Coho Stream Restoration (OR)**

Offer summer youth employment opportunities in conservation efforts and educational experiences for Tillamook School District teachers and students, and provide important restoration data to Bureau of Land Management field staff. Project will conduct aquatic invertebrate sampling, riparian fence monitoring, fish habitat evaluation, water quality sampling and analysis and photopoint monitoring at several coho streams.
\$42,570

Trout Unlimited, Inc.**Habitat Capacity Models for Salmon Recovery**

Develop models to estimate productive capacity and support management decisions for escapement. Project will focus on improvements to existing modeling approaches that enable better estimates of the expected number of smolts that can be produced from extant habitat, and a guiding decision tool for managers to decide which modeling approach to use given available data.
\$100,000

Trout Unlimited, Inc.**Metolius River Habitat Restoration (OR)**

Restore 15 miles of degraded stream bank and riparian habitat along the main stem of the Metolius River and improve fish passage at Suttle Lake in Oregon. Project will benefit sockeye salmon, redband trout, bull trout and spring-run Chinook salmon.
\$97,497

Trout Unlimited, Inc.**Oregon Native Coastal Cutthroat Trout Restoration**

Address habitat damage caused mainly by logging in three coastal watersheds along the northern Oregon Coast to benefit coastal cutthroat trout. Project will improve fish passage and habitat along 11 stream miles.
\$85,000

Upper Deschutes Watershed Council**Whychus Creek Barrier Removal and Restoration (OR)**

Remove an irrigation diversion barrier on Whychus Creek, a tributary to the Deschutes River in Oregon. Project, which supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action

Plan, will allow redband trout and newly re-introduced Chinook and steelhead to access 20 miles of high-quality habitat.
\$30,000

USDA-Forest Service — Fremont National Forest**Chewaucan River Aquatic Habitat Restoration (OR)**

Stabilize 8,500 feet of streambanks, restore 75 riparian acres, and reestablish floodplain connectivity on the Upper Chewaucan River in Oregon. Project, which supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan, will improve over six miles of aquatic habitat for redband trout.
\$77,000

USDA Forest Service —**Wallowa-Whitman National Forest****North Fork Catherine Creek Aquatic Passage Improvement (OR)**

Remove a concrete ford currently acting as a fish passage barrier on North Catherine Creek in Oregon, and replace it with a bridge. Project, which supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan, will improve fish passage and natural flow patterns for the benefit of spring/summer Chinook, summer steelhead, bull trout and redband trout.
\$50,000

Wild Salmon Center**Reforming Salmon Conservation: An Integrated Approach (OR)**

Conduct first year of a two-year project to set precedent to conserve native Pacific salmon through science-based, integrated harvest, hatchery and habitat management action for six species and Evolutionarily Significant Units on Oregon's coast.
\$200,051

Wild Salmon Center**Tillamook Bay Tidal Wetlands Protection (OR)**

Protect 120 acres of estuarine habitat in Oregon's Tillamook Bay; helping re-establish tidal wetland function and improving juvenile salmonid habitat for the Bay's federally-listed anadromous species.
\$47,116

PENNSYLVANIA**Allegheny College****Sampling Unassessed Waters in French Creek and Adjacent Watersheds (PA)**

Sample 30 previously unassessed streams in the French Creek, Oil Creek and Middle and Upper Allegheny watersheds. Project will collect data on the presence or absence of wild trout and identify high-quality coldwater streams so that they can be properly classified and appropriately protected.
\$5,000

Alliance for the Chesapeake Bay, Inc
Lemoyne Borough, Pennsylvania
Technical Assistance

Increase public awareness of the rain garden's function and benefits through a conservation landscaping education program to include interpretive/educational signs, companion brochures, workshops and educational maintenance workday workshops that will include the installation of additional plants to increase functionality and reduce the maintenance costs for the existing rain gardens. The project will also help local municipalities meet their MS4 obligations.
\$29,000

Alliance for the Chesapeake Bay, Inc.
Chesapeake RiverWise Communities
(MD, PA, VA)

Develop and implement a comprehensive stormwater auditing and financial incentive program in Maryland, Virginia and Pennsylvania. Project will develop and utilize tracking, reporting, inspection and maintenance tools.
\$500,000

Alliance for the Chesapeake Bay, Inc.
Conococheague Creek Riparian Buffer
Campaign (PA)

Lead a campaign to increase riparian tree planting in rural and urban areas and to encourage the conversion of turf to trees on residential and commercial properties in Franklin County, Pennsylvania.
\$200,000

American Bird Conservancy

Developing Quality Early Successional Habitat for Golden-winged Warbler and American Woodcock

Engage in a public/private partnership to create, restore and/or maintain at least 30,000 acres of high quality Early Successional Habitat that meet American Woodcock and new Golden-winged Warbler Best Management Practices.
\$349,694

Brandywine Conservancy, Inc.

Watershed Planning for Chester County Municipalities (PA)

Develop innovative pollutant reduction models for MS4 and Watershed Implementation Plan compliance in 20 Chester County municipalities. Project will apply an integrated approach that focuses on public and private landowner action to achieve load reductions.
\$93,285

California University of Pennsylvania

Inventory of Fishes in Unassessed Tributaries in the Monongahela River Basin (PA)

Sample 20 previously unassessed streams in the Youghiogheny, York Run, Redstone Creek and Big Sandy Creek tributaries. Project will collect data on the presence or absence of

wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
\$5,000

Capital Resource Conservation and Development Area Council, Inc.
Model for Cost-Shared Riparian Buffer
Maintenance (PA)

Develop and test a replicatable system for organizing annual contractor maintenance of riparian buffers in Conservation Reserve Enhancement Program and compare to a control group.
\$79,583

Centre County Conservation District

Centre County Agricultural Conservation Program (PA) — III

Implement agricultural best management practices on four farms listed as high priorities in the Centre County Chesapeake Bay Implementation Plan. Project will exclude livestock from 4,910 linear feet of stream, implement rotational grazing on 20 acres, restore 5,150 linear feet of forested riparian buffers and develop four nutrient management plans.
\$75,000

Chesapeake Bay Foundation, Inc.
Technical Assistance for New and
Re-Enrolling Cost-Share Buffers (PA)

Provide outreach and technical assistance to accelerate first-time enrollment of new riparian buffers through the Conservation Reserve Enhancement Program. Project will achieve 368 acres of forested buffers and restore 57 acres of wetlands.
\$200,000

Chesapeake Bay Foundation, Inc.
Virginia and Upper Potomac Agricultural
Stewardship Program

Increase community and landowner involvement in the adoption of innovative agricultural best practices, in addition to protecting and restoring wildlife habitat.
\$398,740

Chiques Creek Watershed Alliance

Chiques Creek Restoration (PA)

Restore a 1,100-foot reach of Chiques Creek adjacent to soccer fields in Manheim, Pennsylvania. Project will educate the public about the importance of stormwater management and reduce flooding.
\$30,000

City of Lancaster

Private Financing to Accelerate
Urban Stormwater Retrofits (PA)

Develop and pilot an innovative privately-financed urban retrofit business model to accelerate the rate of implementation and cost-effectiveness of urban stormwater retrofits on privately owned land.
\$350,000

City Parks Foundation

Development of a Mid-Atlantic Regional
Seed Bank and Network

Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed.
\$35,000

Clarion University of Pennsylvania

Sampling Unassessed Waters in the Upper
Allegheny Watershed (PA)

Sample 42 previously unassessed streams in the Upper Allegheny watershed. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
\$10,000

Ducks Unlimited, Inc.

North American Boreal Conservation
Campaign and Completing the Cycle

In honor of Bill D'Alonzo, invest in two of Ducks Unlimited's highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America's boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds.
\$54,335

Duquesne University

Sampling Unassessed Waters in the Bennett
Branch of Sinnemahoning Creek (PA)

Sample 40 previously unassessed streams in the Upper Allegheny, Upper Susquehanna and Upper Clarion River watersheds, including Bennett Branch of the Sinnemahoning Creek and the West Branch of the Clarion River. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
\$10,000

Farm Pilot Project Coordination, Inc.

Manure to Energy Technology Demonstrations

Implement technology demonstration component of manure to energy initiative. Project will deploy multiple thermochemical technologies.
\$691,144

Friends of the Riverfront

Riparian Restoration in Natrona and Coraopolis (PA)

Remove a total of 400 square feet of invasive species such as Japanese Knotwood at two sites and plant plants and trees with strong, deep roots, stabilizing 40 linear feet of riverfront. A few events will be hosted at each site, with 25 volunteers expected for each event, who will learn the importance of riparian restoration as well as proper techniques for removing invasives and planting native species.
\$25,000

Friends of the Wissahickon

Wissahickon Stormwater Mitigation & Sediment Reduction (PA)

Stabilize 350 linear feet of stream by planting native plant species in Wissahickon Valley Park. Project partners will also engage the community through outreach and education on the importance of managing stormwater.
\$40,000

Girard Township

Girard Township Fish Passage and Stream Restorations (PA)

Improve two road-stream crossings to restore seven miles of fish passage and improve habitat and water quality along 1,500 stream feet in two Lake Erie tributaries.
\$125,000

GreenTreks Network, Inc.

Cumberland County MS4 Education and Outreach — A (PA)

Create a standardized public engagement program for 13 Cumberland County localities with Municipal Separate Storm Sewer Systems. Project will help these cities and towns to lay a strong foundation for achieving water quality improvements required by federal stormwater pollution permits.
\$14,360

Juniata College

Sampling Unassessed Waters in Central and West Central Pennsylvania (PA)

Sample 25 previously unassessed streams in central and west central Pennsylvania near Huntingdon, including sampling mercury levels. Project will collect data on the presence or absence of wild trout and identify high-quality habitat deserving of protection from development.
\$5,000

Keystone College

Sampling Unassessed Waters in the Upper Middle Susquehanna River (PA)

Sample 23 previously unassessed streams in the Upper Middle Susquehanna watersheds. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
\$5,000

Lancaster County Conservation District

Site Selection for Lancaster County Manure to Energy Demonstration

Select and vet a Lancaster County farm to conduct a technology demonstration for the Manure to Energy Initiative.
\$10,000

Lancaster County Conservation District

Plain Sect Outreach and Manure Management Workshops (PA)

Educate Plain Sect farmers on the importance of agricultural best management practices, as well as the means to comply with Pennsylvania agriculture regulations. Project will teach Plain Sect members how to write Manure Management Plans, yielding a higher rate of compliance with Chapter 91.36 of the Pennsylvania Code, more accurate manure and fertilizer applications, and reduced nutrient runoff into surface and groundwater.
\$37,500

LandStudies

Lancaster County Stream Restoration Strategy (PA)

Identify potential stream and floodplain restoration projects on farms held by the Lancaster Farmland Trust. Project will prioritize farms where high-value legacy sediment projects could be implemented to provide both environmental and regulatory compliance benefits.
\$25,000

LandStudies

Logan Park-Rife Run Floodplain Restoration Design (PA)

Produce final design plans for the Rife Run floodplain restoration project in Logan Park.
\$24,000

LandStudies

Lititz Run Impaired Waters Plan

Assist Warwick Township to quantify progress toward pollution limits set for Lititz Run in 2004. LandStudies will assess the water quality benefits of existing best management practices.
\$30,000

LandStudies

Devil's Hole Green Masterplanning and Site Assessment (PA)

Develop a plan to re-connect Good Spring Creek to its floodplain, provide flood storage and peak rate attenuation, increase available habitat for aquatic species, and reduce sediment loading.
\$25,000

Little Juniata River Association

Little Juniata Stream Bank Repair, Buffer Establishment (PA)

Restore water quality and habitat by reducing stream bank erosion and planting buffers in the Little Juniata River watershed. Project will collaborate with the Pennsylvania Fish and Boat Commission to remove invasive plants,

stabilize eroded stream banks, install fish habitat structures and establish 1.5 acres of riparian buffers.
\$71,900

Lock Haven University of Pennsylvania

Sampling Unassessed Waters in the Larry's Creek Watershed (PA)

Sample 20 previously unassessed streams in the Larry's Creek watershed near Lock Haven, Pennsylvania. Project will collect data on the presence or absence of wild trout and identify high quality habitat deserving of protection from development.
\$5,000

Loyalsock Creek Watershed Association

Sampling Unassessed Waters in the Loyalsock Creek Watersheds (PA)

Sample 20 previously unassessed streams in the Loyalsock Creek watersheds. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
\$5,000

Lycoming College

Sampling Unassessed Waters in Pine Creek and Lycoming Creek Watersheds (PA)

Sample 91 previously unassessed streams in the Pine Creek and Lycoming Creek watersheds. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
\$10,000

Mansfield University of Pennsylvania

Sampling Unassessed Waters in the Upper Susquehanna Drainage Basin (PA)

Sample 20 previously unassessed streams in the Upper Susquehanna Drainage Basin. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
\$4,945

Michigan State University

Stakeholder-centered Management of Lake Erie Yellow Perch

Convene a stakeholder-centered working group to evaluate and develop harvest policies for Lake Erie yellow perch fisheries. Stakeholders will work with managers and scientists in using models to determine the policies that work best for both the fishing community and the resource.
\$73,432

National Wildlife Federation

2012 Choose Clean Water Conference

Assemble a diverse group of leaders from across the region to discuss the policy strategies necessary to restore the Chesapeake Bay and its tributaries.
\$30,000

Natural Areas Association

Pennsylvania Master Naturalist Program
 Educate and train Pennsylvania citizens to serve as volunteers in the protection, restoration and monitoring of natural resources in their local watersheds. Project will facilitate intensive natural science training in the Susquehanna River watershed, including classes that feature an ecoregion-based curriculum delivered by local experts and academic professionals.
 \$30,000

Octoraro Watershed Association, Inc.

Strategic Load Reductions in the Octoraro Creek Watershed (PA)
 Identify conservation projects that address the most pressing water quality improvement needs in the Octoraro Creek watershed. Project will utilize a highly replicable approach for progressing rapidly within a strategic framework and promote collaboration among county conservation districts, watershed stakeholders, environmental groups and state agencies.
 \$100,000

Spring Creek Chapter of Trout Unlimited, Inc.

Spring Creek Bank Stabilization and Riparian Restoration (PA)
 Reduce stream bank erosion, develop riparian buffer zones and reduce sediment run-off from stream-side parking areas. Highly visible sites will demonstrate best management practices.
 \$69,800

Stroud Water Research Center

Comprehensive Agricultural Stewardship in Lancaster County (PA)
 Accelerate implementation of agricultural best management practices in Lancaster County by providing technical assistance to farmers and advancing nutrient credit trading opportunities. A partnership of public agencies and private groups will bring an estimated 27 farms to full regulatory compliance.
 \$500,000

Stroud Water Research Center

Low-Cost Methods for Forested Buffer Plantings (NY, PA)
 Develop and evaluate low cost methods for forest buffer establishment including natural regeneration, direct seeding, live staking, and alternative protection and herbicide treatments.
 \$200,000

Susquehanna University

Sample Unassessed Waters in Loyalsock Creek and Muncy Creek (PA)
 Sample 40 previously unassessed streams in the Loyalsock Creek and Muncy Creek watersheds. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
 \$10,000

The ClearWater Conservancy of Central Pennsylvania, Inc.

Riparian Conservation Program (PA) — IV
 Continue the Riparian Conservation Program to restore impaired and degraded stream reaches and riparian habitats within the Spring, Spruce, Little Fishing and Upper Penns Creek watersheds. Project will undertake new program activities, incorporating nutrient trading as an incentive tool, developing Forest Stewardship Plans, expanding the invasive species management program and increasing long-term buffer maintenance capacity.
 \$100,000

The Nature Conservancy

Restoring Riparian Forests for Water Quality and Brook Trout (PA)
 Implement conservation practices to improve water quality and brook trout habitat in the Juniata, Lower Susquehanna and Potomac River watersheds. Project will plant six miles of forested riparian buffers, establish eight acres of early successional forest habitat and restore 15 acres of wetlands.
 \$161,158

The Pennsylvania State University

Greening the Lower Susquehanna (PA)
 Accelerate riparian buffer restoration by addressing maintenance needs and increase acceptance and adoption of green infrastructure in suburban communities.
 \$378,105

The Pennsylvania State University

Sampling for Brook Trout in Unassessed Waters (PA)
 Sample 55 previously unassessed streams in the Lake Erie, Monongahela, Ohio, Lake Erie, North Branch Susquehanna, Susquehanna, Delaware and Allegheny watersheds. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
 \$10,000

The Trust for Tomorrow

Pennsylvania Landowners Technical Assistance Program
 Provide technical assistance, education and outreach to Pennsylvania landowners interested in restoring wetlands through

the Natural Resource Conservation Service Wetland Reserve Program. Project will deliver the technical assistance program within the Juniata River watershed, resulting in approximately 238 acres of restored wetlands and associated buffers that will be protected in perpetuity.
 \$100,000

Trout Unlimited, Inc.

Improving Eastern Brook Trout Habitat in Kettle Creek (PA)
 Improve Eastern brook trout populations and habitat through strategically implementing stream corridor restoration in the Kettle Creek watershed in north central Pennsylvania.
 \$191,730

Trout Unlimited, Inc.

Sampling Unassessed Waters in Anderson Creek and Tangascootack Creek Watersheds (PA)
 Sample 42 previously unassessed streams in the Anderson Creek, Tanagascootack Creek, Cook's Run and Clearfield Creek watersheds. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.
 \$10,000

University of Maryland

Coordinating Local Government Technical Assistance
 Coordinate the provision of technical assistance to ten localities participating in the Chesapeake Bay Local Government Capacity Building Initiative. The project will also produce case studies about each locality's experience with the Initiative.
 \$39,449

Western Pennsylvania Conservancy

Pennsylvania Unassessed Waters Initiative
 Identify previously unknown Eastern Brook Trout and other wild trout populations in cold water streams in central Pennsylvania. Project will engage state and university partners to assess potential wild trout streams and designate them as state-protected cold water fisheries.
 \$100,000

Western Pennsylvania Conservancy

Native Brook Trout Assessment and Enhancement (PA)
 Survey unassessed wild trout streams found entirely within the Allegheny National Forest of Pennsylvania and begin habitat restoration efforts once native brook trout populations are located. Project, which supports the goals of the Eastern Brook Trout Fish Habitat Partnership as part of the National Fish Habitat Action Plan, will improve connectivity and fish passage coupled with fish habitat enhancement.
 \$48,000

Western Pennsylvania Conservancy

Wild Brook Trout Habitat Assessment in Kettle Creek (PA)

Document current biological and habitat conditions for wild brook trout populations in focal areas of the Kettle Creek watershed in Pennsylvania. Project, which supports the goals of the Eastern Brook Trout Fish Habitat Partnership as part of the National Fish Habitat Action Plan, will identify parcels that will offer the best opportunities for conservation efforts.

\$19,980

Western Pennsylvania Conservancy

West Branch Susquehanna and Great Trough Creek Watersheds Sampling (PA)

Sample 43 previously unassessed streams in the West Branch Susquehanna and Great Trough Creek watersheds. Project will collect data on the presence or absence of wild trout and identify high quality coldwater streams so that they can be properly classified and appropriately protected.

\$10,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.

\$200,899

PUERTO RICO**Cafi Cultura Puertorriquena, Inc. (Cafiesencia)**

Organizational Capacity Building for Guanica Watershed (PR)

Build long-term capacity within the Guanica Bay/Rio Loco watershed through the implementation of key projects to transition to sustainable practices and the creation of a non-profit organization.

\$78,000

Cafi Cultura Puertorriquena, Inc. (Cafiesencia)

Empowering Women in Sustainable Agribusiness in Puerto Rico

Conduct an awareness and education campaign for women of the Rio Loco Watershed coffee region. Topics will include sustainable agribusiness development, community leadership and conservation.

\$50,000

Efrain O. Figueroa

Rio Loco/ Guánica Bay Watershed Educational Video (PR)

Produce an educational video of conservation practices in the watershed farmlands and the impacts in the coral reefs of Guánica Bay and Puerto Rico's southwest coast.

\$30,000

Instituto de Agricultura Tropical y Ambiente, Inc.

Rio Loco Waterway Sediment and Nutrient Reduction (PR)

Establish 1,000 meters of Vetiver System stream bank stabilization, field demonstration and monitoring to improve water quality on Guanica/Rio Loco watershed and reduce sedimentation on coral reef habitat.

\$60,000

Joaquin Chong

Techniques to Reduce Farm Soil and Nutrient Run-off (PR)

Provide on-site, farmer-tailored consultation for soil erosion control with cover crops and nutrient export reduction with compost, soil tests and appropriate use of fertilizers.

\$20,000

Paul Sturm

Guanica Treatment Wetlands and Stormwater Wetland Design

Design and build six to ten acres of treatment wetlands to address the largest single nitrogen source to Guanica Bay. Project will also design an additional two acres of wetlands to address town runoff entering the site.

\$341,128

Palmas del Mar Homeowners Association

Restoration of the Pterocarpus Forest at Palmas del Mar (PR)

Remove over eight acres of invasives and enhance the 50.18-acre Pterocarpus Forest with 520 native plants and trees. This project is a community initiative involving a social commitment that extends well beyond the immediate community's boundaries, including university schools and children's museums, and will engage over 50 adult volunteers.

\$19,936

University of Miami, Rosenstiel School of Marine and Atmospheric Science

Sustaining Coral Reef Fisheries in Puerto Rico — II

Host technical training workshops for Puerto Rico fisheries scientists and managers in new coral reef fishery stock assessment technologies. Project will build institutional capacity for analyzing the sustainability status of exploited species and provide the basis to formulate rational management policies in regards to coral reef fisheries.

\$55,398

RHODE ISLAND**CLF Ventures, Inc.**

New England Fishing Quota Investment Fund (ME, RI, MA)

Investigate the feasibility of structuring a Triple-Bottom-Line investment fund to meet the needs of investors and facilitate accelerated ownership of permits/quota by New England community fishermen.

\$80,000

Community Development Partnership

Best Practices in Fisheries Trust Management

Develop a scalable model and utilize the on-line "Fish Hub" technology to transfer best practices and lessons learned in fishery trust management to a national audience.

\$124,978

Cornell Cooperative Extension Association of Suffolk County

Bycatch Avoidance Network for River Herring/ Butterfish (NY)

Initiate a fleet communication system that will report real-time observations of butterfish and river herring/shad bycatch hotspots from vessels in the squid fishery to reduce fleet-wide bycatch.

\$100,000

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.

\$83,750

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.

\$133,510

Northeast Sector Service Network, Inc.

Simplifying New England Groundfish Sector Reporting

Test and refine the FishTrax on-board module for vessel trip reporting. FishTrax is a multifaceted tool designed specifically to simplify and satisfy the reporting requirements of New England Groundfish Sectors.

\$110,000

Roger Williams University

Analysis of Marine Ornamental Fish and Invertebrates Imports (RI, MA)

Collect two years of import data of fish and invertebrates entering the United States for the marine aquarium trade. Project will produce reports, paper and GIS maps of the trade.

\$98,999

Save The Bay, Inc.

Save The Bay Volunteer Restoration Opportunities (RI)

Work with community partners to implement habitat restoration activities and provide meaningful volunteer opportunities to corporations and community groups on priority projects in the Narragansett Bay watershed of Rhode Island.

\$25,000

Sustainable Harvest Sector

Electronic Logbooks in a New England Groundfish Sector

Design and implement a new electronic logbook reporting application in the New England groundfishery.
\$20,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI
Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.
\$200,899

Wildlife Management Institute

Northeast Young Forest Technical Assistance
Provide technical assistance to private landowners in the Northeast Forest Region to more effectively utilize Farm Bill conservation programs.
\$300,000

SOUTH CAROLINA

Chesterfield County Soil and Water Conservation District

Sandhills Longleaf Pine Conservation Partnership (SC)
Establish 800 acres of longleaf pine in the Sandhills Longleaf Pine Conservation Partnership focus area in South Carolina, a 466,000 acre landscape anchored by 101,000 acres of publicly-owned longleaf pine habitat. Project will provide 50 percent cost-share assistance for longleaf establishment, support two annual “Longleaf and Lunch” demonstration days, fund property signage for each contract, and provide tuition for two selected landowners to participate in an extensive longleaf training program.
\$150,000

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey
Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.
\$83,750

Manomet, Inc.

American Oystercatcher Recovery — III
Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

National Wild Turkey Federation, Inc.

Savannah River Corridor Longleaf Restoration Partnership
Provide incentive funding for 24 non-industrial private forest landowners in South Carolina and Georgia to restore longleaf pine on their

lands through herbicide treatments, prescribed burns, longleaf planting on approximately 960 acres and mechanical or chemical treatments on hardwoods.
\$150,000

SEWEE Association, Inc.

SEWEE Association Strategic Planning (SC)
Retain professional consultants to assist in developing a strategic plan for three refuges. Project will result in comprehensive education and visitor services project plans.
\$5,000

South Carolina Forestry Commission Strategic Watershed Assessment Team Longleaf Pine Initiative (SC)

Provide follow-up assistance and guidance to South Carolina landowners with Wildlife Habitat Incentive Program Long-Leaf Pine Initiative contracts for the purpose of helping them implement practices outlined in their conservation plan.
\$154,400

The Longleaf Alliance, Inc.

Evaluation of Longleaf Pine Groundcover Ecotype Seed Sources
Evaluate differences in germination, establishment, phenological characteristics and growth rates among proposed seed transfer zones for six common understory plant species that provide functionality in the longleaf ecosystem.
\$85,000

The Nature Conservancy, South Carolina Implementation Team for Longleaf Restoration (SC)

Create the Sewee to Santee Implementation Team to expand new private land longleaf installations by 1,000 acres, continue restoration work on 3,000 acres of recent private installations, increase the fire footprint in the Francis Marion National Forest by 10,000 acres annually, and treat 550 acres for Japanese climbing fern.
\$214,999

U.S. Fish and Wildlife Service

Savannah National Wildlife Refuge Freshwater Wetland Restoration (SC)
Restore 338 acres of managed wetland on the Savannah National Wildlife Refuge. Project will improve water control, remove exotic plants, create access points and improve dike functionality.
\$68,218

University of Tennessee

Southeastern Grassland Birds Initiative — III
Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure

national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

TENNESSEE

American Bird Conservancy

Developing Quality Early Successional Habitat for Golden-winged Warbler and American Woodcock
Engage in a public/private partnership to create, restore, and/or maintain at least 30,000 acres of high quality Early Successional Habitat that meet American Woodcock and new Golden-winged Warbler Best Management Practices.
\$349,694

Conservation Trust for North Carolina

Conserving Southern Blue Ridge Trout Habitat (TN, NC)
Protect 12,055 acres and 37 stream miles in Tennessee and North Carolina to ensure survival of native trout and Golden-wing Warbler population.
\$500,000

Friends of Tennessee National Wildlife Refuge, Inc.

Bookstore Start-Up for the Tennessee National Wildlife Refuge Visitor Center (TN)
Expand capacity by starting a bookstore in the visitor center. Project will purchase shelving, a Point of Sale system, inventory management system and start-up inventory.
\$5,000

Groundwork Hudson Valley, Inc.

Bridging the Forestry Diversity Gap
Provide 16 low-income, minority youth from Yonkers, New York, with a paid, in-depth, conservation job training program. On site training and projects will be completed in the Chatahoochee, Cherokee, and Nantahala-Pisgah National Forests and will expose youth to Forest Service work and job opportunities.
\$50,091

Mountain Valleys Resource Conservation & Development Council

Southern Appalachian Cooperative Weed Management (NC, TN) — II
Implement six strategic objectives towards managing invasive exotic plants in priority conservation areas: prevention, education, detection, control, restoration and cooperation.
\$40,000

Operation Migration-USA

Whooping Crane Reintroduction to Southeastern U.S. — II
Reintroduce whooping cranes to the Southeast U.S., potentially adding 45 cranes toward the goal of achieving a self-sustaining population. Project will use ultralight aircraft to teach migration route.
\$172,599

Pheasants Forever, Inc.

Upper Mississippi Basin Technical Assistance — Tennessee Farm Bill Biologists Support two Farm Bill Biologists in the National Bobwhite Conservation Initiative Focus Area of western Tennessee. The positions will focus on the Conservation Reserve Program and the Environmental Quality Incentives Program, with an emphasis on reenrolling Conservation Reserve Program in high expiration counties.
\$240,000

Tennessee Aquarium

Southern Appalachian Brook Trout Recovery Program (TN)
Develop and evaluate a complete recirculating system for culturing, rearing and holding juvenile and adult southern Appalachian brook trout that will help reestablish populations in their native range. Project supports the goals of the Eastern Brook Trout Joint Venture Fish Habitat Partnership as part of the National Fish Habitat Action Plan.
\$31,140

The Conservation Fund

Rocky Fork Acquisition (TN)
In honor of David Ramsey, a 2012 Budweiser Conservationist of the Year Finalist, The Conservation Fund will acquire and transfer the final remaining acres of the Rocky Fork tract of land to the USDA Forest Service. The Rocky Fork project creates a vast unfragmented haven for wildlife and provides a range of world-class recreational opportunities including approximately 1.5 miles of the Appalachian Trail.
\$5,000

University of Tennessee

Southeastern Grassland Birds Initiative — III
Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

Wolf River Conservancy, Inc.

Wolf River Greenway Restoration (TN) — II
Conduct restoration activities on three key properties within the urban section of the Wolf River watershed in Memphis, Tennessee. Outcomes include participation of 100 adults and 300 students in litter and invasive plant removal, planting of 500 native trees and plants, 16 field trips and two major springtime community service events with FedEx and other Five Star partners.
\$25,020

TEXAS**Caddo Lake Institute, Inc.**

Strategies for Control of Giant Salvinia and Other Invasives
Control aquatic invasives in Texas and Louisiana through a private-public partnership to protect lakes and wetlands using innovative websites, trained volunteers and public education.
\$100,000

Conservian, Inc.

Shorebird Habitat Restoration in the Laguna Madre of Texas
Protect, monitor and increase shorebird populations and restore habitat through implementation of protective measures to limit human-caused disturbance and habitat degradation.
\$105,000

Friends of the Wildlife Corridor

Rio Grande Valley Riparian Reestablishment (TX)
Halt tamarix invasion and reestablish 6,500 acres vital to migrating birds and mammals on the Texas/Mexican border. Project will reduce the invasion from 25 percent to 1 percent, increase native trees from 50 to 70 percent and wildlife from 50 to 60 percent, and educate and coordinate conservation efforts among preserves, teachers and students and other stakeholders in the community.
\$35,000

Guadalupe-Blanco River Trust

Coastal Texas Wetland Reserve Program and Grassland Reserve Program Assistance
Assist the Natural Resource Conservation Service in the delivery of Grassland Reserve Program and Wetlands Reserve Program conservation easements. Project will assist local and state offices with real estate-specific due diligence tasks.
\$52,440

Gulf Coast Bird Observatory

Texas American Oystercatcher Conservation
Continue to reduce the gaps in knowledge of American Oystercatcher population status and breeding parameters, and begin implementation of conservation strategies on the Texas Gulf Coast.
\$139,785

Gulf of Maine Research Institute

Fishery Science & Management Education for Gulf Fishermen
Build regional capacity to develop and deliver a fishery science and management education program for Gulf of Mexico fisheries stakeholders.
\$125,000

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey
Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas.
\$83,750

Manomet, Inc.

American Oystercatcher Recovery — III
Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts.
\$133,510

REAL School Gardens

Fostering Native Plants and Young Environmental Stewards
Utilize native plant and wildlife habitats on school campuses as sites for hands-on conservation and education.
\$26,555

Rocky Mountain Bird Observatory

Evaluating Avian Use of Restored Desert Grasslands
Conduct a comparative study of non-breeding grassland bird use of restored grassland sites that have undergone varying restoration techniques across the Sky Islands region.
\$157,412

San Antonio River Authority

San Antonio River Basin Guadalupe Bass Assessment and Re-introduction (TX)
Assess the abundance of Guadalupe Bass in the San Antonio River basin and re-introduce the species on the Upper San Antonio River in Texas. Project, which supports the goals of the Southeast Aquatic Resources Partnership as part of the National Fish Habitat Action Plan, will restore aquatic and riparian habitats, expand the range and distribution of Guadalupe Bass and improve the biotic integrity of the San Antonio River.
\$44,201

Texas Parks & Wildlife Foundation

Sabine Lake Oyster Reef Restoration and Enhancement (TX)
Restore approximately 25.8 acres of oyster reefs in Sabine Lake. Project will construct a network of small patch reefs to mimic the nearby natural reefs.
\$525,000

Texas Parks and Wildlife Department

South Llano River Conservation Demonstration Area
Develop a Conservation Demonstration Area at the South Llano River to enhance efforts to restore habitats for Guadalupe bass.
\$27,500

Texas Rice Industry Coalition for the Environment

Anahuac National Wildlife Refuge Wetlands Initiative (TX)

Create 350 acres of wetland/moist soil units and refurbish a 100-acre abandoned reservoir on the Anahuac National Wildlife Refuge to create high quality wetland habitat for wetland-dependent wildlife.
\$48,250

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.
\$372,558

Western Association of Fish and Wildlife Agencies

Lesser Prairie Chicken Aerial Monitoring

Conduct aerial monitoring for Lesser Prairie Chicken to establish a baseline and allow for the assessment of future Lesser Prairie Chicken population response to conservation measures.
\$55,092

UTAH

Eastern Nevada Landscape Coalition

Eastern Nevada / Western Utah Invasive Weed Control Program

Treat/monitor invasive weeds across 8.4 million acres, in eastern Nevada and western Utah, targeting knapweed, pepperweed, hoary cress and thistle. Project will educate 200 citizens on invasive weed control.
\$100,000

The Grand Canyon Trust, Inc.

Native Plant Stewardship at Vermilion Cliffs National Monument (AZ, UT)

Engage “Budding Botanists” in compiling plant records for Vermilion Cliffs National Monument into an online database. Project will provide foundational information for research and management to maximize protection of the flora.
\$34,500

The Nature Conservancy

Gunnison Sage-grouse Conservation (UT)

Benefit Utah’s only population of Gunnison sage-grouse by permanently protecting Gunnison sage-grouse habitat. This project will purchase 1,080 acres located within the core area habitat, enhance habitat on the property by restoring 130 acres of farmland

to sagebrush, create 50 acres of wet meadow habitat for brooding-rearing, and work to augment Gunnison sage-grouse populations in Utah by translocating 20–30 birds from Colorado.

\$270,050

Trout Unlimited, Inc.

Weber River Native Fish Restoration (UT)

Complete a watershed-scale restoration project to reconnect a total of 113 miles of stream habitat in the Weber River and its tributaries in Utah. Project, which supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan, will improve riparian habitat and base flows to benefit Bonneville cutthroat trout and Bluehead sucker.

\$95,000

Trout Unlimited, Inc.

Bear River Native Trout Restoration (UT, ID, WY) — IV

Restore riparian and aquatic habitats, improve water quality and reconnect 175 miles of historic Bonneville cutthroat trout spawning and rearing tributaries throughout the Bear River watershed in Utah, Idaho and Wyoming. Project supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan.

\$98,000

Utah Division of Wildlife Resources

Three Species Population Monitoring in the White River (UT)

Investigate population dynamics, life-history traits and habitat preferences of an intact three species population, providing valuable insights on community function in a healthy ecosystem.

\$25,000

Utah Division of Wildlife Resources

Pinyon-Juniper Removal within Sagebrush Communities in Southeast Utah

Remove encroaching pinyon pine and juniper on 2,232 acres of sagebrush habitat to benefit many species of wildlife, including golden eagles and other sagebrush-grassland birds.

\$44,460

Utah State University / Utah Conservation Corps

Utah Conservation Corps Bilingual Youth Corps (UCC BYC)

Expand the Bilingual Youth Corps program to continue to provide Latino youth with work experience on public lands and exposure to career opportunities. The Bilingual Youth Corps will employ 36 bilingual youth to take part in the program.

\$95,000

VERMONT

Connecticut River Watershed Council, Inc.

Connecticut River Brook Trout Outreach and Education (VT, NH)

Conduct outreach to, and education of, private landowners about Natural Resource Conservation Service programs and the benefits of riparian buffers and fish passage structures for brook trout in the Connecticut River watershed in Vermont and New Hampshire.

\$52,786

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

In honor of Bill D’Alonzo, invest in two of Ducks Unlimited’s highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America’s boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds.

\$54,335

National Wildlife Refuge Association

Connecticut River Watershed Invasives Control (VT, NH, MA, CT)

Coordinate six local Cooperative Invasive Species Management Areas to facilitate priority actions and networking between groups and improve early detection throughout 7.2 million acre watershed.

\$85,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.

\$200,899

Wildlife Management Institute

Northeast Young Forest Technical Assistance

Provide technical assistance to private landowners in the Northeast Forest Region to more effectively utilize Farm Bill conservation programs.

\$300,000

VIRGINIA

Alliance for the Chesapeake Bay, Inc.

Chesapeake RiverWise Communities (MD, PA, VA)

Develop and implement a comprehensive stormwater auditing and financial incentive program in Maryland, Virginia and Pennsylvania. Project will develop and utilize tracking, reporting, inspection and maintenance tools.

\$500,000

Appalachian Trail Conservancy

Pulling Together Along the Appalachian Trail (VA)

Update management plans, maintain and educate the public about early successional habitat of the George Washington National Forest. Project will train a volunteer corps of 45-60 individuals in monitoring protocols and control of invasive exotic species.

\$20,000

Arlington County, Virginia

Arlington County Residential Stormwater Treatment (VA)

Expand an existing incentive program for private property owners to install innovative stormwater practices on their property.

\$80,000

Center for Watershed Protection, Inc.

Town of Kilmarnock Watershed Restoration Assessment (VA)

Complete watershed restoration assessments for the Norris Prong, Indian Creek and Dyer Creek subwatersheds that drain the Town of Kilmarnock, Virginia.

\$38,727

Center for Watershed Protection, Inc.

City of Lynchburg and Stafford County Illicit Discharge Program Enhancements (VA)

Assist the City of Lynchburg and Stafford County to improve their illicit discharge detection and elimination programs.

\$49,708

Center for Watershed Protection, Inc.

Targeted Reforestation in Clarke County, Virginia

Reforest 30 acres of suburban and rural land in Clarke County, Virginia. Project will demonstrate best practices for forest restoration and incorporate reforestation goals, objectives and planting specifications into Clarke County codes and other documents relevant to Phase II Watershed Implementation Plans.

\$80,000

Center for Watershed Protection, Inc.

Northern Shenandoah Valley Code Review (VA)

Perform code reviews and stormwater retrofit assessments for six member jurisdictions of the Northern Shenandoah Valley Regional Commission.

\$136,487

Center for Watershed Protection, Inc.

Rivanna Snapshot and Watershed Management Plan (VA)

Complete the Rivanna Snapshot and launch a full-scale watershed management planning process. Project will coordinate local conservation and state/federal regulatory activity.

\$30,000

Chesapeake Appreciation, Inc.

dba Oyster Recovery Partnership

Maryland Oyster Restoration Planning

Conduct a planning effort to prioritize Maryland tributaries suitable for oyster restoration. Project will also continue the region's oyster shell recycling program, which collects used shells from restaurants for use in reef construction.

\$50,000

Chesapeake Bay Foundation, Inc.

Virginia and Upper Potomac Agricultural Stewardship Program

Increase community and landowner involvement in the adoption of innovative agricultural best practices, in addition to protecting and restoring wildlife habitat.

\$398,740

Chesapeake Bay Foundation, Inc.

Upham Brook Holistic Watershed Restoration (VA)

Conduct whole-community watershed restoration, education, and conservation activities that will improve water quality in Upham Brook, an urban tributary of the Chickahominy River in Henrico County, Virginia. Project will engage local communities to install innovative stormwater best management practices and native riparian buffer plantings.

\$150,000

City of Lexington, Virginia

City of Lexington Green Infrastructure Showcase (VA)

Integrate green infrastructure into a new, highly-visible, mixed-income neighborhood of affordable EarthCraft certified homes. The project will demonstrate to local governments and citizens how development can occur without degrading the Bay and its tributaries, including numerous scalable practices suitable for retrofit in established neighborhoods.

\$200,000

City of Richmond, Virginia

Pathways to Clean Water and Healthy Communities (VA)

Demonstrate how city and community partners can implement new approaches to restoring urban habitats that benefit water quality, fish and wildlife, and community health and well-being.

\$176,765

City of Waynesboro, Virginia

Healthy South River Initiative (VA)

Reduce and treat stormwater runoff in a subwatershed of the South River in Waynesboro, Virginia. Project will enhance existing regional stormwater infrastructure, develop a stormwater education and cost share program, identify sustainable financing strategies, and engage homeowners to install rain barrels and rain gardens.

\$100,000

Clarke County

C-Spout Run: Restoring a Shenandoah Valley Spring Creek (VA)

Restore 7.5 acres of riparian and aquatic habitat for brook trout and improve water quality through BMP implementation on agricultural and residential land in the Spout Run watershed.

\$141,603

County of James City, Virginia

Turf Love / Garden Love Program (VA)

Expand the existing James City County Turf Love program, helping citizens produce healthy turf areas while reducing pollution loads in the County's waterways. Project will provide financial incentives to install up to 60 rain gardens and increase the number of certified nutrient management plans in the County by 300 over two years.

\$75,000

Culpeper Soil and Water Conservation District

Urban Residential Stewardship Incentive Program (VA)

Adapt the North Carolina Community Conservation Assistance Program for use in Virginia. Project will engage 15 central Virginia localities and the Virginia Master Gardeners as partners in program establishment, produce a pilot manual and develop long-term financial strategies utilizing a professional environmental finance center.

\$28,405

Draper Aden Associates

Middle Peninsula Planning District Commission Technical Assistance

Develop a stormwater program that positions the six counties and three towns in Virginia's Middle Peninsula Planning District Commission to address regulations relating to the Chesapeake Bay TMDL and Virginia's new Stormwater Management Regulations. The Regional Stormwater Program and its deliverables will provide the participating localities the necessary tools and cost information to choose whether to manage stormwater through a Regional, Local or a hybrid-approach program to comply with the Commonwealth's regulations.

\$150,000

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

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Ecology and Environment, Inc.

Quality Assurance Planning Support for Chesapeake Grantees

Assist Chesapeake Bay Stewardship Fund grantees to complete Quality Assurance Project Plans as required by the Environmental Protection Agency. \$29,943

Farm Pilot Project Coordination, Inc.

Manure to Energy Technology Demonstrations

Implement technology demonstration component of manure to energy initiative. Project will deploy multiple thermochemical technologies. \$691,144

Hampton Roads Planning District Commission

Hampton Roads Watershed Implementation Plan Development (VA)

Create a regional steering committee and local work groups to establish meaningful stakeholder involvement in the Phase II Watershed Implementation Plan process in the Hampton Roads Planning District of southeast Virginia. Project staff will facilitate Steering Committee meetings, provide briefings to the Planning District Commission, develop outreach materials for local governments, and provide briefings to local government officials at City Council and County Board meetings. \$50,000

James River Association

Community-Based Approach to Urban Stormwater Reduction (VA)

Educate, encourage and enable homeowners in the City of Lynchburg to disconnect their downspouts and install stormwater management practices such as rain barrels and rain gardens. Project will create a stewardship incentive program through which participating homeowners can achieve certification and public recognition as River Heroes. \$75,000

John Marshall Soil and Water

Conservation District

Fauquier County Riparian Buffer Plantings (VA)

Install stream stabilization and buffer plantings on 20 acres of agricultural lands in Fauquier County, VA. Buffers will provide habitat and local plant material and serve as demonstration sites. \$49,575

Lands and Waters

Vernal Pool Schoolyard Restoration Program (VA)

Work with students from Daniels Run Elementary and Lanier Middle School on schoolyard conservation projects, promoting awareness and stewardship in the Accotink Creek watershed. Project will create a freshwater bog, two vernal pool habitats, a bioretention cell filtering stormwater runoff and a stream-bank restoration. \$43,994

Manomet, Inc.

American Oystercatcher Coastwide Aerial Survey

Conduct a second comprehensive aerial survey of the entire winter range of the American Oystercatcher from New York to Texas. \$83,750

Manomet, Inc.

American Oystercatcher Recovery — III

Continue and expand coordinated management and monitoring of American Oystercatchers in Massachusetts and along the Atlantic and Gulf coasts. \$133,510

The Nature Conservancy

Advancing American Oystercatcher Conservation in Virginia

Advance oystercatcher conservation in Virginia by building upon effective conservation strategies and implementing innovative projects to meet statewide stewardship, protection and information needs. \$153,428

The Potomac Conservancy, Inc.

Engaging Absentee Landowners in Conservation

Engage absentee landowners in conservation programs through an on-the-ground 'landowner advisor' who will help landowners identify opportunities and connect them to technical and financial resources. \$200,000

Thomas Jefferson Planning District

Commission

Piedmont Regional Watershed Implementation Planning (VA)

Partner with local governments and the Rivanna River Basin Commission to evaluate and revise current pollution reduction plans. Project will

promote stakeholder collaboration and develop strategies to implement the Virginia Watershed Implementation Plan at a local level. \$50,000

Thomas Jefferson Soil and Water Conservation District

Cost-Share Incentives for Residential Stormwater Management (VA)

Develop a programmatic template and conduct pilot projects for a Community Residential Cost Share Program. The pilot projects will be conducted within in the Piedmont, Culpeper, Hanover-Caroline, and Thomas Jefferson Soil and Water Conservation Districts. \$23,765

University of Maryland

Coordinating Local Government Technical Assistance

Coordinate the provision of technical assistance to ten localities participating in the Chesapeake Bay Local Government Capacity Building Initiative. The project will also produce case studies about each locality's experience with the Initiative. \$39,449

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative. \$372,558

University of Virginia

Biodiversity Conservation, Research and Internship Program

Partner with the National Fish and Wildlife Foundation on an applied conservation science program to develop distinctive collaborations on critical research questions that will advance the knowledge and solutions-based approach of restoring, conserving and managing the nation's biodiversity. \$236,000

University of Virginia — Institute for Environmental Negotiation

Facilitating Local Government Technical Assistance (VA, WV)

Coordinate the provision of technical assistance to four localities participating in the Chesapeake Bay Local Government Capacity Building Initiative. \$41,574

University of Virginia — Institute for Environmental Negotiation

South River Solutions (VA)

Facilitate the convening of a multi-stakeholder watershed steering committee to develop a sustainable watershed plan for the South River.

\$11,500

Virginia Department of Health

On-Site Sewage Waiver Cost-Share Program (VA)

Provide financial incentives to encourage property owners to install alternative on-site sewage systems that will reduce nutrient and biological pollution to the Chesapeake Bay.

\$749,987

Virginia Polytechnic Institute and State University

Muddy Creek Agricultural Stewardship and Water Quality Monitoring (VA)

Reduce sediment and nutrient runoff from farms in priority watersheds in the upper Shenandoah River basin, with a primary focus on the Muddy Creek watershed.

\$219,084

Virginia Polytechnic Institute and State University

Chesapeake Metrics Integration

Integrate metrics and protocols developed by Virginia Tech as part of the larger metric team project coordinated by the Chesapeake Research Consortium from 2008-2011. The new metrics will be added to the application and project assessment process for Chesapeake Bay Stewardship Fund grants.

\$32,718

Virginia Polytechnic Institute and State University

Outreach and Support for the Manure to Energy Initiative

Support the Manure to Energy project team and provide relevant outreach to agricultural clientele interested in bioenergy technologies and their potential applications.

\$10,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.

\$200,899

Williamsburg Environmental Group, Inc.

Greening James City County Facilities (VA)

Develop an integrated water quality improvement program to implement green infrastructure in existing County facilities.

\$39,620

Williamsburg Environmental Group, Inc.

Mechumps Creek Phase Two Restoration Design (VA)

Complete final engineering designs for a regenerative wetlands project along a 1,200-foot reach of Mechumps Creek in Ashland, Virginia.

\$20,000

WASHINGTON

Alaska Department of Fish and Game

Annual Movements of Dusky Canada Geese Nesting in Alaska

Use satellite telemetry to track movements of dusky Canada geese in the Copper River Delta of Alaska. Project results will aid in broad scale management activities related to habitat use, harvest management and population inventory.

\$62,700

Cher-Ae Heights Indian Community of Trinidad Rancheria

Tribal Outreach and Policy Support (WA, OR, CA)

Engage West Coast Tribes on how they will participate in the Coastal and Marine Spatial Planning body and on how they will engage in coast-wide and National Ocean Council-related issues.

\$58,000

Confederated Tribes of the Umatilla Indian Reservation

Water Rights Accord IV

Work with the Washington Water Trust, the Walla Walla Watershed Management Partnership and The Freshwater Trust to support innovative voluntary water transactions.

\$38,725

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

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\$54,335

Ecotrust

West Coast Regional Data Framework (WA, OR, CA)

Develop a next-generation coastal and marine data network and system to support west coast regional and national ocean priorities and planning for ocean uses.

\$117,000

Fishermen's Marketing Association, Inc.

Development and Evaluation of Image Recognition Software

Develop and evaluate image recognition software that can be used to screen video images collected onboard commercial fishing boats to determine if discarding is occurring and to identify the species.

\$96,178

Friends of the Cedar River Watershed

Madrona Woods Restoration & Salmon Journey Education (WA)

Remove and compost 1.5 acres of invasives and plant 700 trees to restore the ecological structure and function of forested wetlands and shorelines, increase biodiversity and support salmon recovery efforts in the greater Lake Washington Watershed. 300 people will participate in volunteer restoration events and Salmon Journey, which provides high-level training to volunteer naturalists on salmon recovery policy, habitat needs and salmon biology.

\$23,414

Friends of the San Juans

San Juan County Neighborhood Salmon Conservation (WA)

Create a neighborhood landowner conservation easement tool for use in San Juan County and regionally in Washington. Project aims to achieve long-term protection of shoreline habitats and processes important for the recovery of salmon and the overall health of the Salish Sea marine ecosystem.

\$15,150

Kramer Consulting

Protecting and Restoring Puget Sound's Marine Shorelines (WA)

Build on new science, strengthen existing partnerships and develop a focused implementation plan for recovery of summer chum in Hood Canal, Washington. Project will identify and initiate top priority projects for shoreline areas that are consistent with summer chum recovery plans.

\$200,000

Lincoln County Conservation District

Scablands Weed Mapping, Education, and Outreach Program (WA)

Develop and implement a citizen science weed mapping program, conduct outreach and education for 20 volunteers, and provide cost sharing and technical assistance on weed control and range restoration.

\$50,000

Long Live the Kings

Hood Canal Steelhead Recovery Planning (WA)
Facilitate an open standards process that will generate guidance and data products critical to the future development of a recovery plan for ESA listed Steelhead in Hood Canal, Washington. Project will rank the greatest threats and pressures to key attributes and indicators relevant for guiding steelhead recovery actions.
\$18,525

Marine Conservation Alliance Foundation

Development of Video Monitoring for Full Retention Fisheries (WA, OR)
Develop a video-based catch monitoring system and computer-aided video review software to reduce the number of human observers and reviewers involved in the monitoring of full-retention fisheries.
\$100,000

Northwest Straits Marine Conservation Foundation

Derelict Fishing Net Removal in Whatcom County (WA)
Remove all of the 129 known remaining derelict fishing nets from the marine waters of Whatcom County near ConocoPhillips' Ferndale refinery.
\$105,783

Northwest Straits Marine Conservation Foundation

Port Townsend Voluntary No-Anchor Eelgrass Protection Zone (WA)
Protect ten acres of eelgrass from anchor damage through a voluntary no-anchor zone in Port Townsend Bay, Washington. Project will protect critical habitat for juvenile salmon, herring, Brant geese and crab, as well as help reduce shoreline erosion by absorbing wave energy.
\$5,734

Pacific Northwest Invasive Plant Council

Early Detection Rapid Response Pilot Program (WA, OR)
Develop an Early Detection Rapid Response program within the Washington State Weed Cooperative Management Areas. Project will engage the local community in the operations of the Weed Management Areas and educate them on the subject of ecosystem ecology and invasive species, with the overarching goal of no new established invasions.
\$20,000

Prince William Sound Science and Technology Institute

Black Turnstone: A Population Decline or Prince William Sound Stopover Shift?
Identify the migration pathways and stopover areas of black turnstone (*Arenaria elanocephala*) in Prince William Sound. Project results will aid resource managers with updated population data.
\$75,000

Puget Sound Restoration Fund

Expanded Olympia Oyster Recovery in Puget Sound (WA)
Enhance 10 acres of native oyster habitat in Puget Sound to provide filtration and habitat for fishes (including salmonids), invertebrates and other marine organisms. Project, which supports the goals of the Pacific Marine Estuary Fish Habitat Partnership as part of the National Fish Habitat Action Plan, will increase densities of species, including harpacticoid copepods, important in juvenile salmon diets.
\$50,000

Shorebased Whiting Cooperative

Shorebased Whiting Overfished Species Risk Pool Cooperative (WA, OR, CA)
Create a Pacific whiting cooperative with the technical support infrastructure to manage bycatch using real time and historic observer and electronic fish-ticket data to assist with hotspot avoidance.
\$75,000

Stewardship Partners

Discovery Park Rain Gardens Installation (WA)
Install four 600-square-foot rain gardens at Discovery Park which, supported by outreach and education, will establish watershed-friendly practices to improve downstream water quality and habitat. Project will involve a demonstration installation workshop/volunteer event and outreach activities to educate Park patrons and neighborhood residents on rain gardens and other watershed-friendly practices.
\$40,000

Trout Unlimited, Inc.

Habitat Capacity Models for Salmon Recovery
Develop models to estimate productive capacity and support management decisions for escapement. Project will focus on improvements to existing modeling approaches that enable better estimates of the expected number of smolts that can be produced from extant habitat, and a guiding decision tool for managers to decide which modeling approach to use given available data.
\$100,000

Trout Unlimited, Inc.

Columbia Cascade Water Transaction Strategy (WA) — VII
Continue to identify, prioritize and develop strategies for water transactions in the Methow, Entiat, Yakima and Wenatchee sub-basins of Washington, with a focus on developing larger projects.
\$204,988

Trout Unlimited, Inc.

Okanogan Basin Water Transactions — II (WA)
Continue to develop and negotiate water transactions in the Okanogan Basin of Washington.
\$53,630

Walla Walla Watershed

Management Partnership
Walla Walla Watershed Management Partnership FY13 CBWTP
Advance basin flow restoration efforts in the Walla Walla basin of Washington state through development and implementation of innovative water transactions under the Columbia Basin Water Transactions Program.
\$79,655

Washington Department of Ecology

Transaction Processing and Monitoring Program — IX
Assist in the selection, assessment, coordination and management of water right acquisitions by Washington Water Trust, Trout Unlimited and the Walla Walla Watershed Management Partnership.
\$136,813

Washington Water Trust

Wenatchee and Yakima Water Transactions (WA)
Identify, develop and implement water transactions, focused in the Wenatchee and Yakima basins. Project will work collaboratively with willing landowners, community groups, tribes and businesses.
\$177,012

Washington Water Trust

Walla Walla and Tucannon Basins Water Transactions (WA)
Identify, develop and implement water transactions in the Walla Walla and Tucannon basins. Project will work collaboratively with willing landowners, community groups, tribes and businesses.
\$88,751

Washington Water Trust

Columbia Basin Water Transactions Program — Colville Accord
Identify, develop and implement water transactions, focused in the Okanogan Basin. Project will work collaboratively with willing landowners, community groups, tribes and businesses.
\$46,908

Whatcom Land Trust

Drayton Harbor Estuary: Coastal Wetlands (WA)
Acquire fee title interest to eight acres of land, including 1,700 feet of freshwater and salt water frontage, in order to restore and protect critical fish and wildlife habitat.
\$75,000

WEST VIRGINIA

Cacapon and Lost Rivers Land Trust, Inc. Healing the Waters Initiative (WV)

Permanently protect ecologically critical private lands in the Cacapon and Lost Rivers watershed. Project will expand existing green infrastructure hubs and corridors by 2,000 acres and promote land protection incentives through parcel aggregation, carbon sequestration and other emerging ecosystem credit opportunities.

\$100,000

Cacapon Institute, Inc.

Potomac Headwaters Watershed Leaders (WV)
Recruit schools from the eight counties in West Virginia's Potomac River Basin and engage thousands of students in hands-on conservation for watershed protection. Project will plant more than 400 trees and install bio-retention retrofits to mitigate stormwater pollution.

\$50,000

Chesapeake Bay Foundation, Inc.

Virginia and Upper Potomac Agricultural Stewardship Program

Increase community and landowner involvement in the adoption of innovative agricultural best practices, in addition to protecting and restoring wildlife habitat.

\$398,740

City Parks Foundation

Development of a Mid-Atlantic Regional Seed Bank and Network

Initiate collaborations and activities to establish a regional seed bank and seed network to meet both national Seeds of Success seed bank goals and regional conservation and management needs for ecoregional seed.

\$35,000

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

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\$54,335

Friends of the 500th

Website for the Canaan Valley National Wildlife Refuge (WV)

Develop a website to publicize education opportunities and volunteer programs at Canaan Valley National Wildlife Refuge. Project will improve communication with the local and regional communities that surround Canaan Valley National Wildlife Refuge.

\$4,000

The Potomac Conservancy, Inc.

Engaging Absentee Landowners in Conservation

Engage absentee landowners in conservation programs through an on-the-ground 'landowner advisor' who will help landowners identify opportunities and connect them to technical and financial resources.

\$200,000

Trout Unlimited, Inc.

Potomac Highlands Brook Trout Conservation (WV)

Use brook trout to motivate restoration and protection on private lands in the eastern panhandle of West Virginia. Project will accelerate implementation of complex stream and fish barrier works in priority eastern brook trout habitats, especially those most sensitive to climate change impacts.

\$100,000

Trout Unlimited, Inc.

Seneca Rocks Visitor Center Conservation Demonstration (WV)

Utilize the Seneca Rocks Visitor Center to demonstrate restoration of 1,200 feet of impaired brook trout stream and 50 acres of invasive species, and for significant education/ awareness programs.

\$73,950

University of Tennessee

Southeastern Grassland Birds Initiative — III

Restore grassland bird populations through national conservation leadership and market-based incentives that deliver large-scale habitat solutions. Project will enhance capacity for the National Bobwhite Conservation Initiative and the Center for Native Grasslands Management to ensure national coordination and leadership for a resident game bird and a strong producer-focused native grass initiative.

\$372,558

University of Virginia — Institute for Environmental Negotiation

Facilitating Local Government Technical Assistance (VA, WV)

Coordinate the provision of technical assistance to four localities participating in the Chesapeake Bay Local Government Capacity Building Initiative.

\$41,574

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.

\$200,899

WISCONSIN

Alliance for the Great Lakes

Milwaukee Volunteer Restoration (WI)

Restore coastal habitat at three parks by controlling invasive species and planting native vegetation, while also building support for additional larger restoration projects and volunteer engagement.

\$100,000

American Bird Conservancy

Developing Quality Early Successional Habitat for Golden-winged Warbler and American Woodcock

Engage in a public/private partnership to create, restore and/or maintain at least 30,000 acres of high quality Early Successional Habitat that meet American Woodcock and new Golden-winged Warbler Best Management Practices.

\$349,694

Bayfield County Land and Water Conservation Department

In-channel Large Woody Debris and Riparian Forest Restoration (WI)

Restore 1.25 miles of Whittlesey Creek for coaster brook trout and other salmonids by increasing channel complexity and planting riparian forest.

\$114,200

Ducks Unlimited, Inc.

North American Boreal Conservation Campaign and Completing the Cycle

In honor of Bill D'Alonzo, invest in two of Ducks Unlimited's highest priority conservation initiatives: the North American Boreal Conservation Campaign and Completing the Cycle. The North American Boreal Conservation Campaign seeks to conserve 1 billion acres of North America's boreal forest using the Boreal Forest Conservation Framework. The Completing the Cycle Initiative addresses the needs of Atlantic waterfowl throughout their life cycle from the breeding grounds to the wintering grounds.

\$54,335

Kenosha County Division of Parks

Pike River Fish Passage and Restoration (WI)

Restore fish passage to 22 stream miles by removing an earthen dam topped by a roadway and replacing it with a new bridge.

\$150,000

Kiap-TU-Wish Chapter of Trout Unlimited

Trimbelle River Brook Trout Re-introduction (WI)

Re-introduce native Driftless Area Eastern brook trout to the Trimbelle River in Wisconsin, while reducing sedimentation and nonpoint source pollution flow to the Mississippi River. Project, which supports the goals of the Driftless Area Fish Habitat Partnership as part of the National Fish Habitat Action Plan, will stabilize severely eroding banks, provide in-stream cover and increase spawning habitat.
\$39,750

Lake County Forest Preserve District

Coastal Wetlands Restoration for Species of Concern (IL, WI)

Work with partners in Illinois and Wisconsin to restore 1,158 acres of coastal lake plain habitat along the Chiwaukee Illinois Beach Lake Plain.
\$874,081

Operation Fresh Start

Inventory and Stewardship of Wisconsin River Islands (WI)

Expose disadvantaged young people, largely from urban backgrounds, to the nature of work and career opportunities available in conservation and land management. Project will engage 60 young people, ages 16 to 24, in inventorying, mapping and restoring the natural resources located on islands owned by the Bureau of Land Management within the lower Wisconsin River.
\$55,072

Operation Migration-USA

Whooping Crane Reintroduction to Southeastern U.S. — II

Reintroduce whooping cranes to the Southeast U.S., potentially adding 45 cranes toward the goal of achieving a self-sustaining population. Project will use ultralight aircraft to teach migration route.
\$172,599

Ozaukee County

Restoring Aquatic Connectivity in Riveredge Creek (WI)

Restore aquatic connectivity to more than three stream miles and 170 wetland acres by re-designing and improving three trail-stream crossings on Riveredge Creek.
\$28,500

Stockbridge-Munsee Community

Mohican Nation Wetland Restoration and Rail Bed Removal (WI)

Remove four segments of an abandoned rail bed to restore connectivity between 258 acres of wetlands and two miles of stream habitat on the Stockbridge-Munsee Forest.
\$525,000

Trout Unlimited, Inc.

Engaging Driftless Area Landowners in Farm Bill Programs

Increase the capacity of organizations to implement Farm Bill programs that protect, restore and enhance streams for fish and other aquatic life throughout the Driftless Area.
\$133,333

University of Wisconsin — Green Bay

Coastal Wetland Restoration at the Pt. Sable Nature Preserve (WI)

Control invasive species on 114 acres of coastal wetlands on Pt. Sable to restore important habitat for migratory and breeding birds within the Lower Fox River and Green Bay Area of Concern.
\$150,000

Wildlife Management Institute

Restoration of Eastern Shrubland Birds — VI

Restore populations of shrubland-dependent birds through a program of technical assistance and land management activities on public and private land. In this phase, existing positions will be supported and replacement habitat biologists will be sought for New Jersey and West Virginia.
\$200,899

Wisconsin Department of Natural Resources

Invasive Species Control in a 23,000-acre Wetland Complex (WI)

Control invasive species to restore 925 acres within a 23,000 complex of rare wetlands on 15 Wisconsin Department of Natural Resources properties that support 45 rare species.
\$168,000

Wisconsin Waterfowl Association

Mill Creek Streambank and Balmoral Wetland Restoration (WI)

Restore 15 acres of wetland to increase species diversity and protect sedge meadow, the most threatened habitat type in Wisconsin. The project site will be utilized as an educational and community project and students will develop restoration plans through surveying, research applicable practices, and work with multiple landowners and partners to coordinate restoration.
\$20,000

WYOMING

The Henry's Fork Foundation, Inc.

Yellowstone Cutthroat Trout Restoration, Status, and Trend (ID, WY)

Restore the headwater of Schneider Creek and complete a culvert replacement on Tygee Creek in Idaho. Project will support the conservation and restoration of Yellowstone cutthroat trout populations in the Henry's Fork, Teton and Sinks drainages in Idaho and Wyoming.
\$28,975

Trout Unlimited, Inc.

Bear River Native Trout Restoration (UT, ID, WY) — IV

Restore riparian and aquatic habitats, improve water quality and reconnect 175 miles of historic Bonneville cutthroat trout spawning and rearing tributaries throughout the Bear River watershed in Utah, Idaho and Wyoming. Project supports the goals of the Western Native Trout Initiative as part of the National Fish Habitat Action Plan.
\$98,000

Trout Unlimited, Inc.

Kelly Diversion Fish Passage Improvement (WY)

Remove an abandoned diversion from the Gros Ventre River in Wyoming that blocks upstream passage of native fish. Project will open 42 miles of habitat for Snake River fine-spotted cutthroat trout and other native fish.
\$75,000

Trout Unlimited, Inc.

Little Snake and Muddy Creek Native Fish Restoration (WY) — II

Reconnect and restore habitat conditions for all native fish in the Little Snake drainage and its tributaries, including Muddy Creek. Project will continue the on-the-ground restoration activities identified for Muddy Creek habitat and native fish restoration.
\$250,000

Wildlife Conservation Society

Roads and Safe Passages for Pronghorn

Build on expertise in ungulate migrations and road ecology to ensure that Highway 191 in Wyoming and I-15 in Idaho do not sever pronghorn migration corridors. Project will assess and enhance the effectiveness of road crossing structures in reducing wildlife-vehicle collisions and enhancing habitat connectivity.
\$150,000

Yellowstone National Park

Saving the Soda Butte Creek Cutthroat Trout (MT, WY) — II

Construct a barrier to permanently halt non-native fish invasion in Soda Butte Creek in the northeast corner of Yellowstone National Park. Project will secure a stronghold population of Yellowstone cutthroat trout.
\$38,700

ASIA, INDIA, AND THE PACIFIC

Alex Messina

Develop Sediment Budget for Coral Health in American Samoa

Continue monitoring of sediment flux to a priority coral reef during and after a watershed and coral reef restoration project.
\$4,000

American Samoa Community College

Monitoring Sediment Impacts to Coral in Faga'alu Bay, American Samoa
Study flow dynamics and sedimentation effects on coral colonies in Faga'alu Bay, American Samoa. Project will collect photo-quadrats to monitor long term impacts of sediment.
\$3,000

Biodiversity Conservation Agency

Development of Decree on Endangered Species Criteria in Vietnam
Prepare a decree on Endangered Species Criteria under the Biodiversity Law 2008 of Vietnam. The decree will provide a framework for the protection and management of endangered species in Vietnam, including tigers, their prey and other associated species.
\$13,100

Conservation International Foundation

Build Local Capacity for Community Reef Fisheries Monitoring in Indonesia
Enable community fishers to implement lessons learned from previous training on community monitoring programs in the Bird's Head Seascape. Project will deliver the tools and capacity to protect and sustainably manage their marine resources.
\$30,000

Indonesia Locally Managed Marine Area Foundation

Building A Network of Resilient Coral Reefs In Eastern Indonesia Through Community Management
Advance coral reef conservation in Indonesia and the Asia Pacific region by supporting communities to lead the design of a resilient network of Locally Managed Marine Areas. Project will focus on the Padaido Islands in Papua where communities have requested that the current Locally Managed Marine Areas be extended from one to four islands.
\$40,000

Khaled bin Sultan Living Oceans Foundation

Training Responders for Coral Disease Outbreak Procedures in Fiji
Conduct classes for managers and scientists on proper procedures to identify and investigate coral disease outbreaks in the IndoPacific.
\$24,900

Micronesia Conservation Trust

Enforcement Training to Benefit Coral in Micronesia
Strengthen law enforcement institutions supporting coral reef conservation in three Micronesian nations: Palau, the Federal States of Micronesia and the Marshall Islands.
\$66,000

Micronesia Environmental Services

Creel Pilot Program in Rota, Micronesia
Conduct preliminary assessment of needs in Rota and participate in training to collect fisheries-dependent data on reef fishing activities on Rota.
\$36,000

Reef Explorer Fiji Ltd.

Building Enforcement Capacity and Sustainable Financing
Conduct a public awareness campaign, build enforcement capacity and pilot sustainable financing mechanisms to encourage compliance to fisheries laws and support community marine management efforts.
\$50,000

Research Center for Environmental Management and Development

Exploring the Darien Gap to Assess Hawksbills in the Pacific
Conduct research and conservation activities to stabilize/increase eastern Pacific hawksbills. Project will conduct community surveys with coastal communities to identify habitats important to turtles in the Darien Gap region.
\$9,550

San Diego State University Research Foundation

Socioeconomic Assessment for American Samoan Marine Protected Area Villages
Partner with local agencies to develop a template of survey questions for socioeconomic assessment and monitoring for Marine Protected Area and Watershed Management Area sites in American Samoa. Project will also support pilot village assessments.
\$71,100

San Diego State University Research Foundation

Coastal Use Mapping for Management Decision-Making in American Samoa
Support participatory digital mapping of coastal uses in American Samoa.
\$59,400

University of Guam

Talakhaya Watershed Soil Loss Assessment (CNMI)
Design and carry out a study to assess and quantify the change in soil loss from Talakhaya watershed badlands as a result of the revegetation efforts being conducted by Rota DLNR-Forestry staff.
\$97,200

University of Western Australia

Benthic Habitat Mapping for Reef Fish Monitoring in the Commonwealth of Northern Mariana Islands
Classify stereo video imagery from Baited Remote Underwater Video Stations deployments in 2010 to characterize reef fish populations around Rota and Saipan.
\$9,000

World Wildlife Fund, Inc.

Reducing Bycatch of Seabirds in Russian Far East Fisheries
Monitor seabird and fishing gear interactions in the Russian Far East (primarily Kamchatka Peninsula) to prevent accidental entanglement of threatened, endangered or vulnerable species.
\$59,161

CANADA**Canadian Sea Turtle Network, Inc.**

Conserving Loggerhead Turtles in Atlantic Canadian Waters
Study loggerhead sea turtles in Atlantic Canadian waters to effectively inform national management plans. Project will involve a collaboration with the Canadian pelagic longline fleet to identify size and genetic stock of loggerheads in Canada and evaluate efficacy and use of dehooking equipment.
\$60,000

Michigan State University

Stakeholder-centered Management of Lake Erie Yellow Perch
Convene a stakeholder-centered working group to evaluate and develop harvest policies for Lake Erie yellow perch fisheries. Stakeholders will work with managers and scientists in using models to determine the policies that work best for both the fishing community and the resource.
\$73,432

Nottawasaga Valley Conservation Authority

Nottawasaga River Watersheds: Restoration from Brook to Bay (ON)
Restore 35 acres of stream and riparian habitat, restore fish passage to four stream miles and control phragmites in a high-quality wetland in the Nottawasaga Valley watershed.
\$100,000

Trout Unlimited Canada

Protecting and Restoring Bronte Creek (Ontario)
Stabilize stream banks and add in-stream structures along 3,200 feet of Bronte Creek to improve habitat for Atlantic salmon and brook trout.
\$75,000

Walpole Island First Nation

Swan Lake Marsh Restoration (Ontario)
Conduct an initial wetland assessment and develop a management plan to guide the restoration of Swan Lake Marsh within the St. Clair River Area of Concern.
\$25,000

West Coast Aquatic Management Association
 Ecosystem Based Management of Southern Boundary Salmon
 Improve information for resource management of ecosystem interactions during early marine life history that affect salmon production. Project will collect and analyze data on marine prey variability for juvenile salmon in Barkley Sound to continue a 21-year time series of this data.
 \$50,000

MEXICO

American Bird Conservancy
 Eliminating Threats to Priority Seabirds — IV
 Address key threats to the highest priority seabird species that occur in North American waters. This project will protect priority seabirds on their breeding islands and at sea, reducing the impacts of habitat loss, fisheries bycatch and a range of other threats.
 \$209,203

Chelonian Research Foundation
 Plan of Action to Save Eastern Pacific Leatherbacks
 Design a strategic plan for implementing effective measures to save leatherbacks in the eastern Pacific. Project will convene key regional experts in various aspects of leatherback biology and conservation to develop a “Plan of Action to Save East Pacific Leatherbacks.”
 \$16,274

Fondo Mexicano para la Conservación de la Naturaleza
 Seabird Restoration in Baja California Pacific Islands, Mexico
 Conduct restoration activities on San Martín, San Jeronimo, Natividad, Asunción and San Roque Islands. Priority seabird species for the restoration efforts include the Cassin’s Auklet, Brandt’s Cormorant, Double-crested Cormorant, California Brown Pelican, Ashy Storm-Petrel and Xantus’s Murrelet.
 \$1,139,617

Grupo Tortuguero de las Californias, AC
 Implementing Loggerhead Turtle Bycatch Reduction Solutions — II
 Continue to incentivize turtle-friendly hook fishing through ongoing fleet consolidation, monitoring and government facilitation to enhance enforcement and fisheries management.
 \$28,500

Northern Jaguar Project
 Viviendo con Felinos: Northern Jaguar Monitoring/ Restoration
 Restore the ecosystem/grassland on the Northern Jaguar Reserve. Project will collaborate with surrounding landowners on conservation practices and monitor jaguars in dispersal linkages of the Sky Island region.
 \$98,995

Pronatura Peninsula de Yucatan A.C.
 Assessing Potential Bycatch Hotspots for Caribbean Hawksbill
 Identify and delimit bycatch hotspots and define the highest risk zones for marine turtles in the waters adjacent to the Yucatan peninsula. Project will also indirectly assess sea turtles bycatch and mortality rates.
 \$149,938

Regents of the University of California
 Standardized Low-Cost Monitoring of Conservation Success Pilot Project
 Pilot a standardized, third-party, monitoring program for National Fish and Wildlife Foundation on two seabird conservation projects. The pilot program will test the use of a novel low-cost technique.
 \$298,050

The Ocean Foundation
 Mitigating Loggerhead Bycatch in Shark Fisheries in Northwest Mexico
 Assess and mitigate loggerhead bycatch by the medium-scale longline fleet and augment official recognition of bycatch at the Baja California Sur hotspot. Project will implement circle hook exchanges, an onboard observer program and government partnerships.
 \$29,000

LATIN AMERICA AND THE CARIBBEAN

American Bird Conservancy
 Eliminating Threats to Priority Seabirds — IV
 Address key threats to the highest priority seabird species that occur in North American waters. This project will protect priority seabirds on their breeding islands and at sea, reducing the impacts of habitat loss, fisheries bycatch and a range of other threats.
 \$209,203

Coastal Quest
 Creating Sustainable Financing and Capacity for St. Lucia Coral Reef Protected Areas
 Develop a sustainable financing business plan for the Soufriere Marine Management Association. Project will increase the operating budget and improve management capacity to meet mission of protecting coral and marine habitats.
 \$60,000

Coral Bay Community Council, Inc.
 Coral Bay Revised and Expanded Watershed Management Plan (VI)
 Update the local watershed management plan using EPA’s nine elements, ultimately reducing bay pollution and benefitting coastal and marine habitats and species.
 \$45,755

EcoViva
 Reducing Bycatch by Combating Blast Fishing in El Salvador
 Reduce the occurrence of blast fishing shown to increase bycatch mortality among adult hawksbill turtles in El Salvador through enforcement, fisheries management and livelihood incentives.
 \$60,000

Fauna & Flora International, Inc.
 Hawksbill Conservation in Estero Padre Ramos, Nicaragua
 Ensure long-term recovery success of hawksbill turtles in the Eastern Pacific. Project will conduct nest conservation, hatching success research, habitat protection, reserve management and provide financial mechanisms at the most important hawksbill nesting sites in the Eastern Pacific.
 \$74,984

Grenada Fund for Conservation
 Strengthening Grenada’s Marine Protected Area Enforcement Capacity
 Increase enforcement capacity and effectiveness at Grenada’s three coral reef protected areas. Enforcement training and creation of enforcement program will be coordinated with management goals.
 \$38,165

Island Conservation
 Restoring Pink-footed Shearwater Populations in Chile — II
 Protect endangered Pink-footed Shearwaters by conducting invasive removals on Robinson Crusoe and Mocha Islands. Project will complete the next phase in a multi-year, multi-species invasive species eradication campaign to protect Pink-footed Shearwaters in Chile; this includes planning, environmental compliance, evaluation of enabling conditions and community outreach critical to a successful implementation.
 \$372,487

Sea Turtle Conservancy
 Hawksbill and Leatherback Research and Recovery in Panama
 Recover priority hawksbill and leatherback nesting populations on the Caribbean coast of Panama. Monitoring and conservation will be conducted in partnership with indigenous communities.
 \$25,000

The Ocean Foundation
 Sustaining Hawksbill Conservation in El Salvador
 Continue conservation activities at the largest eastern Pacific hawksbill nesting site. Project will implement one hatchery and measure and tag nesting hawksbills.
 \$28,141

**NATIONAL FISH AND WILDLIFE
FOUNDATION IMPACT-DIRECTED
ENVIRONMENTAL ACCOUNTS
(IDEA) PROJECT COMMITMENTS**

NFWF's IDEA department serves as a manager and trustee for funds arising from legal and regulatory actions involving natural resources and the environment. These funds originate primarily from court orders, settlements of legal cases, regulatory permits, licenses, and conservation and mitigation plans.

UNITED STATES

ALASKA

**Cook Inlet Regional Citizens
Advisory Council**

Cook Inlet Risk Assessment
Provide communications and administrative support for the Cook Inlet Risk Assessment ("CIRA") Management Team and Advisory Panel during the first phase of the Cook Inlet Maritime Risk Assessment.
\$179,980, *Federal Criminal Case*

Marine Exchange of Alaska

Expanding Vessel Tracking Capabilities and an Emergency Response Database for the Aleutian Islands
Install two long range, mountaintop Automatic Identification System ("AIS") receiving sites, one on Unmak Island and the other on Adak Island; and build and implement an emergency response database to complement MXAK's vessel tracking system.
\$220,000, *Federal Criminal Case*

Northern Forum, Inc.

Seabird Restoration in Prince William Sound (AK)
Restore population of seabirds at Naked Island Group, Prince William Sound, through eradication of introduced mink. Project will result in recovery of pigeon guillemot population and other seabirds.
\$150,000, *Federal Criminal Case*

Nuka Research and Planning, LLC

Aleutian Islands Risk Assessment — Phase B
Complete the final phase of the Aleutian Islands Risk Assessment.
\$1,046,353, *Federal Criminal Case*

USDA Forest Service

Ecology of the Copper River Delta (AK)
Assess the effects of increased temperatures on ecosystem structure and function of coastal aquatic ecosystems on the Copper River Delta of Alaska. Project will provide data to better inform the management of the Delta and other coastal wetlands under a climate change scenario.
\$50,000, *Federal Criminal Case*

Wildlife Conservation Society

Migratory Breeding Bird Use of Re-vegetated Oil Platforms (AK)
Assess wildlife responses, specifically bird nesting, feeding and brood rearing, to rehabilitated exploratory drilling pad sites in Arctic Alaska. The findings from this study will help to develop specific recommendations that will provide land managers and industry with new information to assist in site rehabilitation that provides the highest quality reclaimed habitat for nesting birds.
\$26,704, *Federal Criminal Case*

Wildlife Conservation Society

An Experiment to Assess Development Impact on Nesting Birds (AK)
Assess the impact of indirect oil development on nest survival of breeding birds using an artificial nest experiment on the Arctic Coastal Plain of Alaska. The results of this project will enable a better understanding of the relationship between oil infrastructure and nest survivorship, refining previous research on this issue.
\$48,280, *Federal Criminal Case*

Various Recipients

Aleutians Emergency Towing System
Purchase and pre-position an Emergency Towing System ("ETS") and a storage container for Cold Bay, Alaska.
\$38,246, *Federal Criminal Case*

CALIFORNIA

**Agricultural-Natural Resources of
Contra Costa County**

Fallon Village
Provide long-term land management for the Fallon Ranch.
\$27,775, *Mitigation*

California State Parks

McGrath Lake Trust (CA)
Develop and implement a restoration plan for McGrath Lake in Ventura County, CA.
\$70,000, *Mitigation*

California Waterfowl Association

Los Banos Wildlife Area, Volta Unit Wetland Habitat Restoration
Re-establish and restore wetland infrastructure by constructing a modern water conveyance system, refurbishing degraded and partially functioning levee systems, and installing a barbwire fence in the Los Banos Wildlife Area.
\$204,240, *Mitigation*

Conservation Biology Institute

Science Team Facilitator for the DRECP Independent Science Advisory Panel Process
Facilitate an independent science advisor's review for the California Desert Renewable Energy Conservation Plan
\$21,772, *Voluntary Contribution*

Ducks Unlimited, Inc.

Lower Cosumnes River Floodplain Restoration
Involves levee breaching, interior floodplain de-leveling and installing fish exclusion screens on existing water intake structures on the Lower Cosumnes River.
\$333,000, *Mitigation*

Fishery Foundation of California

Bear Creek Fish Passage Improvement
The Fishery Foundation of CA will provide permitting, biological and physical monitoring, and demolition oversight for the modification of a small dam on Bear Creek to improve fish passage.
\$30,113, *Federal Criminal Case*

Gold Ridge Resource Conservation District

Green Valley Creek Roads Implementation Project
This project involves road repair to limit erosion into streams in Sonoma County, California.
\$6,242, *Mitigation*

Island Conservation

Farallon NWR Bird and Mammal Mitigation Research Trial
Research techniques to address possible non-target impacts from a proposed eradication of house mice from the Farallon Islands to protect the endangered Ashy Storm-petrel.
\$49,661, *Federal Criminal Case*

Land Conservancy of San Luis Obispo

Tognazzini Property Land Acquisition
Purchase the 171-acre Tognazzini property in Santa Barbara.
\$128,000, *Mitigation*

Mid-Klamath Watershed Council

Mid Klamath Coho Rearing Habitat Enhancement Project — II (CA)
Enhance cover complexity through placement of small woody debris and willow plantings within pools of the lower reaches of Klamath River tributaries. This project will provide summer refugia that will increase coho survival rates from predation, resulting in increased coho populations.
\$50,188, *Mitigation*

Mid-Klamath Watershed Council

Seiad / West Grider Coho Winter Rearing Habitat Project (CA)
Create two off-channel ponds on Seiad and West Grider Creeks in California and restore floodplain on Seiad Creek. This project will improve juvenile coho salmon winter rearing habitat.
\$64,891, *Mitigation*

Mid-Klamath Watershed Council

Mid Klamath Tributary Fish Passage Improvement Project (CA)

Create fish passage at the mouths and in the lower reaches of 72 Mid-Klamath Subbasin tributaries in California for anadromous fish passage into upstream channels and off-channel rearing habitat.

\$66,446, *Mitigation*

Moss Restoration

Pletz Residence I&C

Initial and capital funding for the Pletz Residence Endowment Project.

\$29,128, *Mitigation*

Pit Resource Conservation District

Lower Ash Creek Meadow Restoration

Address degraded wet meadow, riparian and aquatic conditions along the lower portion of Ask Creek by constructing ponds and filling gullies.

\$200,000, *Mitigation*

Plumas Corporation

Humbug Valley — Yellow Creek Meadow Restoration

Restore the meadow hydrology and improve water quality in Humbug Valley and Yellow Creek by eliminating incised gullied channels and restoring base flow to the surface of the meadow.

\$297,400, *Mitigation*

Plumas Corporation

Spanish Creek in Meadow Valley Rehabilitation Rehabilitate Spanish Creek in Meadow Valley by reducing stream channel bedload sediment, channel instability and bank erosion.

\$464,750, *Mitigation*

Plumas Corporation

Upper Dotta Canyon Restoration

A 253-acre channel-floodplain restoration project on Red Clover Creek to re-establish the connection of the Red Clover Creek channel to its naturally-evolved floodplain.

\$441,184, *Mitigation*

RTN Navratil Consulting

Behren's Silverspot Butterfly Survey / Assessment

Assess the conservation status of the Behren's silverspot butterfly at sites near Point Arena, California.

\$18,562, *Species Recovery Funds*

San Mateo County Resource Conservation District

Bonde Weir Fish Passage

Project to remove the Bonde weir fish passage barrier on San Francisquito Creek to improve migratory conditions for steelhead.

\$14,400, *Federal Criminal Case*

Shelton Douthit Consulting LLC

Imperial Solar Energy Center South

Provide funds to coordinate land acquisition tasks necessary to acquire 18 acres of flat-tailed horned lizard habitat, 26 acres of burrowing owl habitat, and .6 acres of jurisdictional waters to fulfill the mitigation requirements of the C-Solar South Project.

\$28,460, *Mitigation*

Topic Productions, Inc.

Raven Documentary Film

Produce public education materials, including a thirty-minute film discussing the story of the relationship between the desert, the tortoise and the raven, and to provide marketing assistance.

\$30,000, *Mitigation*

USGS Western Ecological Research Center

Lead Scientist for the DRECP Independent Science Advisory Panel Process

Complete independent science advisor's review for the California Desert Renewable Energy Conservation Plan.

\$65,315, *Voluntary Contribution*

Urban Wildlands Group, Inc.

Laguna Mountain Skipper Captive Rearing

Determine whether captive propagation is a viable technique to produce "surplus" individuals for release into suitable habitat.

\$30,000, *Species Recovery Funds*

U.S. Forest Service, Inyo National Forest

Kern River Watershed Meadow and Stream Rehabilitation

Enhance meadows, wetlands and stream aquatic habitat within the Kern Plateau area of the Kern River watershed by constructing new grade control and stabilization structures and repairing existing structures.

\$62,950, *Mitigation*

Various Recipients

C-Solar South Misc. Expenses

Appraisal of Loh property.

\$7,500, *Mitigation*

Various Recipients

Guadalupe — OSPR Trust

Conduct restoration on impacted resources in San Luis Obispo and Santa Barbara counties related to diluent releases in the Guadalupe Oil Field.

\$114,950, *Mitigation*

Various Recipients

Sacramento District Wetlands Conservation Fund

To provide for the rehabilitation, re-establishment, establishment, enhancement, or in exceptional circumstances preservation of wetlands and other aquatic resources, and their associated habitats.

\$1,363,300, *Mitigation*

Westervelt Ecological Services

Swainsons Grassland Preserve — Riparian Restoration

Develop a riparian restoration project at Swainsons Grassland Preserve.

\$355,500, *Mitigation*

Yurok Tribe

Lower Klamath Coho Habitat

Enhancement and Monitoring (CA)

Project will fund construction of an off-channel habitat feature, wood loading and floodplain restoration on two acres of McGarvey Creek to increase juvenile coho salmon rearing capacity.

\$90,025, *Mitigation*

COLORADO**Cal Poly Corporation**

Orchard Mesa Irrigation District Project

Professional services for Orchard Mesa Irrigation District.

\$200,000, *Species Recovery Funds*

Various Recipients

Upper Colorado River Fish Recovery Fund

Support recovery goals for native fish in the Upper Colorado River Basin.

\$67,112, *Species Recovery Funds*

DELAWARE**National Wildlife Federation**

Delaware River Basin Coalition Coordinator

Support a position and associated expenses to be housed within an existing organization to organize, coordinate and advance a Delaware River Basin Coalition.

\$65,000, *Federal Criminal Case*

FLORIDA**Friends of Rookery Bay, Inc.**

Rookery Bay Team OCEAN Program

Support a boat-based volunteer program forging community partnerships (visitors, residents) providing education and interpretation of information regarding the stewardship and protection of natural resources.

\$23,000, *Federal Criminal Case*

Manatee County Board of County Commissioners

Gamble Creek Saltwater Marsh and Riparian Restoration (FL)

Restore and enhance 145 acres of hammock, salt marsh and riparian habitat along Gamble Creek, a tributary of the Manatee River. Project will remove invasive vegetation, return native vegetation to the site, and result in improved wildlife habitat and a reduction in eroded sediment flowing into Tampa Bay.

\$70,200, *Federal Criminal Case*

National Audubon Society, Inc.

Colonial Waterbird Management in Tampa Bay and Pinellas County

Manage, for a period of two years, 16 islands in Tampa Bay and Pinellas County, Florida, comprising the Contractor's Florida Coastal Islands Sanctuaries. Management of the 16 islands will include such tasks as surveying, posting, patrolling, removing fishing lines, and controlling predators.

\$37,500, *Federal Criminal Case*

Tampa Bay Estuary Program

Be Floridian Urban Fertilizer Education Campaign — II (FL)

Continue the "Be Floridian" urban fertilizer education campaign in Pinellas County, Florida, and expand the campaign to Manatee County and the City of Tampa. Project will result in a reduction of inorganic nitrogen entering Tampa Bay and improved water quality in Tampa Bay.

\$75,000, *Federal Criminal Case*

Tampa Bay Conservancy, Inc.

Bullfrog Creek Preserve Riparian Buffer Implementation (FL)

Restore 4 acres of riparian buffer habitat, install other stream protection Best Management Practices, and initiate a partnership to help implement erosion control Best Management Practices at three existing low-flow stream crossings throughout the Tampa Bay watershed.

\$22,180, *Federal Criminal Case*

Tampa Bay Estuary Program

Determining Biotic Effects of Sediment Contaminants

Determine relative impacts of sediment contaminants on Tampa Bay biota, focusing on McKay Bay. Project will develop watershed restoration actions to improve in-bay sediments and tidal flats.

\$155,000, *Federal Criminal Case*

Tampa Bay Estuary Program

Tampa Bay Estuary Education and Restoration Mini-Grants

Involve local citizens in hands-on Tampa Bay restoration and education activities. Project will result in measurable improvements in water quality, habitat restoration and public education.

\$25,000, *Federal Criminal Case*

Tampa Bay Watch, Inc.

Tampa Bay Community-Based Seagrass Transplanting (FL)

Implement a community-based seagrass transplanting project off the southern tip of MacDill Air Force Base in an area known to historically support seagrass. Project will establish 2 acres of seagrass meadows across an estuarine shelf and provide hands-on educational experiences for community and student volunteers.

\$40,000, *Federal Criminal Case*

KANSAS**Alexander Pump & Services, Inc.**

Flint Hills NWR Mitigation

Fund mitigation of the loss of 243 wetland acres, 166 riparian forest acres, wetland infrastructure, and one boat ramp in the Flint Hills Refuge caused by a two-foot rise of the conservation pool of the John Redmond Reservoir in Coffey County, Kansas.

\$44,000, *Mitigation*

LOUISIANA**American Bird Conservancy**

Restoring Pelican Island in Barataria Bay

Restore the key pelican nesting island most heavily impacted by the Deepwater Horizon spill to increase bird populations.

\$254,000, *Federal Criminal Case*

Louisiana State University Agricultural Center

BTEX and H2S Emission Effects on Water and Soil Environment

This project will document levels of benzene, toluene, ethylbenzene, xylenes and hydrogen sulfide in soils and waterways in Southwest Louisiana.

\$400,000, *Federal Criminal Case*

Louisiana Department of Wildlife and Fisheries

Recreational Offshore Landing Tag — Pilot Study

The project will assist in establishing a Louisiana Recreational Offshore Landing Permit to develop a universe of recreational fishermen that fish beyond Louisiana state territorial waters annually.

\$150,000, *Federal Criminal Case*

Friends of Louisiana Wildlife Refuges, Inc.

Delta Marsh Restoration (LA)

Resore marshes through the construction of marsh terraces, vegetative plantings and monitoring of wildlife response.

\$100,000, *Federal Criminal Case*

MARYLAND**Chesapeake Appreciation, Inc.**

dba Oyster Recovery Partnership

Harris Creek Oyster Bed Restoration (MD)

Conduct large-scale oyster restoration in Harris Creek and develop a modeling tool to estimate the value of oyster reefs as an effective water quality best management practice.

\$150,000, *Federal Criminal Case*

Gunpowder Valley Conservancy, Inc.

Middle River and Tidal Gunpowder Preservation Project

Conduct a behavior change campaign to motivate residents to take restoration actions identified in the Middle River and Tidal Gunpowder Small Watershed Action Plan.

\$89,105, *Federal Criminal Case*

Low Impact Development Center, Inc.

Port Towns Commemorative Rain Garden Network (MD)

Construct a series of commemorative rain gardens in the Port Towns of Bladensburg, Colmar Manor, Cottage City and Edmonston, Maryland. Project will site rain gardens along major transportation corridors and hubs in the community and will reflect the principles and practices of Green Streets and Green Highways.

\$80,000, *Federal Criminal Case*

Midshore Riverkeeper Conservancy

Choptank Agricultural Landowner Technical Assistance (MD)

Identify, prioritize, design and begin remedial projects on key agricultural sites in the Choptank watershed. Could become a template for addressing keystone non-point source pollution.

\$10,000, *Federal Criminal Case*

St. Mary's River Watershed Association Inc.

St. Mary's River Restoration (MD)

Engage area residents, developers and businesses to establish strong partnerships that emphasize low-impact development practices which improve water quality in the St. Mary's River. Project will retrofit five business properties using low-impact development techniques, create a working group to develop incentives for minimal impact development, create an endorsement program for new developments meeting a set of green criteria, and implement a neighborhood-scale rewards program for conservation practices.

\$67,000, *Federal Criminal Case*

Trout Unlimited, Inc.

Deer Creek Stream Bank Stabilization and Wetland Restoration (MD)

Implement eight stream and wetland restoration practices in the Deer Creek watershed. The project will leverage Farm Bill funding and benefit sensitive species, including Eastern brook trout.

\$110,000, *Federal Criminal Case*

Western Maryland Resource Conservation and Development Council

Metz-Brawner Stream Bank Stabilization (MD)

Restore water quality and aquatic habitat in a 1,000-foot reach of the Savage River, an important fishery and a critical Eastern brook trout resource in Maryland.

\$55,895, *Federal Criminal Case*

MONTANA**WestWater Consultants**

Benton Lake NWR

Fund mitigation for the adverse impacts on nearby fish, wildlife and habitat of the Kerr project in the Benton NWR.

\$19,919, *Mitigation*

NEVADA**Various Recipients**

Nevada National Wildlife Refuge Land and Water Acquisition Fund

Acquire replacement lands, waters or interests in lands or waters for National Wildlife Refuges in the State of Nevada.

\$57,343, *Mitigation*

NEW JERSEY**American Littoral Society**

Marine Education for Coastal Stewardship and Protection

Build a New Jersey network of volunteers and resources that will enhance responses to oil spills and chronic pollution through targeted outreach, citizen science and electronic media.

\$100,000, *Federal Criminal Case*

Conserve Wildlife Foundation of New Jersey, Inc.

Marine Mammal Stranding Response Campaign

CWF will hold workshops and create a manual aimed at educating first responders on the proper guidelines and procedures for responding to marine mammal or sea turtle stranding events in NJ.

\$100,000, *Federal Criminal Case*

NEW MEXICO**Zohnnie Construction Industries, Inc.**

San Juan River Fish Recovery Program

Support strategies for fish recovery in the San Juan River including research, habitat restoration and management, in-stream flow acquisitions, and raising fish in hatcheries for stocking.

\$68,120, *Species Recovery Funds*

NEW YORK**Board of Trustees of the University of Illinois**

Seasonal Assessment of Fish Community Structure in the St. Lawrence River Basin: An Evaluation of Restoration Projects—University of Illinois

Use community-level approaches to evaluate fish-habitat relationships across key tributaries, coastal wetlands and littoral habitats of the St. Lawrence River near Cornwall, Ontario.

\$99,651, *Mitigation*

Bronx River Alliance, Inc.

Muskrat Cove Pipe Remediation and Restoration (NY)—II

Remediate the ecological damage caused by excessive flows from a stormwater outflow pipe and restore eroded streambanks and associated parklands in Muskrat Cove Park, Bronx, New York.

\$117,840, *State Civil Case*

Carleton University

Seasonal Assessment of Fish Community Structure in the St. Lawrence River Basin:

An Evaluation of Restoration Projects—Carleton University

Utilize community-level approaches to evaluate fish-habitat relationships across key tributaries, coastal wetlands and littoral habitats of the St. Lawrence River near Cornwall, Ontario.

\$100,626, *Mitigation*

New York Botanical Garden

Horticulture Operations Center: Stormwater Retrofit (NY)

Reconstruct the Horticulture Operations Center, reducing impermeable paved surfaces to increase on-site infiltration and eliminating existing stormwater outflows to the Bronx River.

\$295,320, *State Civil Case*

New York Department of Environmental Conservation

Yellow Bar Salt Marsh Restoration

Restoration of saltwater marsh in the interior Jamaica Bay, NY.

\$4,981,668, *Federal Criminal Case*

New York City Department of Environmental Protection

Yellow Bar Hassock Salt Marsh Restoration Project

Restore up to 45 acres of salt marsh island habitat in Jamaica Bay. Replenish island footprint with dredged sand, plant low and high marsh grasses and monitor performance for minimum of 5 years.

\$890,000, *Federal Criminal Case*

New York City Soil & Water Conservation District

Stormwater Retention and Detention in a Paved Courtyard (NY)

Use vegetation and rain barrels to divert stormwater volume and reduce flow in a paved courtyard of a low-income residential building in the South Bronx.

\$86,420, *State Civil Case*

Rocking the Boat, Inc.

Nutrient Bioextraction from Bronx River Estuary (NY)

A pilot project using seaweed to bioextract pollution and then measure reductions in pollution in New York at the mouth of the Bronx River.

\$55,228, *State Civil Case*

Saint Regis Mohawk Tribe

Evaluation of Threatened, Endangered, and Declining Species of the St. Lawrence River and its Tributaries—II (Mohawk)

Continue characterizing the locations and distributions of threatened and endangered fish species within the aquatic habitat in and adjacent to the St. Lawrence River.

\$278,315, *Mitigation*

The Seamen's Church Institute

Nationwide Seafarers' Environmental Education

Educate seafarers calling at U.S. ports by training port chaplains and distributing educational pamphlets to seafarers.

\$99,530, *Federal Criminal Case*

SUNY College of Environmental Science and Forestry

St. Lawrence River Fish Habitat Conservation Strategy: Evaluation of Habitat Enhancements and Development of Novel Restoration Approaches

Continue development of the St. Lawrence River Fish Habitat Conservation Strategy, which involves: (a) site prioritization and development of a site list with recommendations for enhancement activities; (b) implementation of team meetings and support for advancing proposed implementation projects and the creation of preliminary designs for projects; and (c) GIS database maintenance, and the collection, processing and reporting of biological and physical monitoring data needed to assess impacts on the fisheries of existing and proposed implementation projects.

\$610,073, *Mitigation*

Town of Greenburgh

Greenburgh Nature Center Stormwater Retrofit (NY)

Capture, detain and treat polluted stormwater runoff from two visitor parking lots and associated access roads at the Greenburgh Nature Center while educating visitors.

\$317,641, *State Civil Case*

USGS Great Lakes Science Center

Evaluation of Threatened, Endangered, and Declining Species of the Major Tributaries to St. Lawrence River (USGS)—II

Continue characterizing the locations and distributions of threatened and endangered fish species within the aquatic habitat in and adjacent to the St. Lawrence River.

\$318,400, *Mitigation*

Various Recipients

St. Lawrence Fish Enhancement, Mitigation and Research Fund

Address impacts to fish resources in the Lake Ontario/St. Lawrence River basin. \$51,018, *Mitigation*

NORTH CAROLINA

North Carolina Aquarium Society

Bogue Banks Dune Restoration Project

Increase awareness of proper dune management and demonstrate dune building techniques. The two components are: 1) a public workshop and 2) dune grass plantings at three field sites.

\$7,100, *Federal Criminal Case*

North Carolina Coastal Land Trust

Brown's Island Preservation Project

Partner with the North Carolina Wildlife Resources Commission to purchase in fee title approximately 56 acres of land on Brown's Island, in Carteret County, North Carolina.

\$300,105, *Federal Criminal Case*

North Carolina Department of Environment and Natural Resources

North Carolina Shrimp Trawl and Gill Net Fisheries Characterizations

Characterize North Carolina's shrimp trawl (150 observed fishing days/year) and gill net fisheries (85 trips). Project will provide effort, catch, discard and bycatch data of finfish, turtle interaction and turtle exclusion device compliance information.

\$230,000, *Federal Criminal Case*

OREGON

Cascade Pacific Resource Conservation and Development Area, Inc.

Luckiamute Watershed Fish Passage Restoration (OR) — II

Remove three sets of abandoned railroad bridge pilings. Project will enhance channel form and function and improve passage of winter steelhead and trout habitat along the upper Luckiamute River.

\$20,000, *Federal Criminal Case*

Crooked River Watershed Council

McKay Creek Habitat Restoration (OR)

Restore riparian and instream habitat along 0.6 miles of Oregon's lower McKay Creek. Project involves berm removal, instream rock/wood placement, riparian planting and weed control to enhance steelhead habitat.

\$45,000, *Federal Criminal Case*

Deschutes River Conservancy

Uncle John Ditch Piping Project for Whychus Flow Restoration (OR)

Permanently restore 2.49 cfs (12 percent) of instream flow to Whychus Creek, a tributary of the Deschutes River in Oregon, during low flow periods by piping 3.8 miles of open canal. This project will benefit steelhead, resident redband trout, chinook salmon and bull trout.

\$50,000, *Federal Criminal Case*

Freshwaters Illustrated

Willamette Futures: A Film on Willamette Basin Conservation (OR)

Complete a film to raise literacy and interest around Oregon's Willamette River conservation issues and current restoration efforts. Film will be shared with diverse audiences throughout the basin to catalyze increased stewardship.

\$35,000, *Federal Criminal Case*

Lower Nehalem Watershed Council

Roy Creek Fish Passage Improvement (OR)

Remove two fish passage barriers on Roy Creek, a tributary to the Nehalem River on the north coast of Oregon, and replace with a 36 foot bridge. Project will open 2.8 miles of instream habitat for spawning and rearing for coho, Chinook, steelhead, cutthroat and lamprey.

\$30,000, *Federal Criminal Case*

McKenzie River Trust

Upper Willamette Riparian Stewardship (OR)

Remove and treat invasive weeds along the Willamette River in Oregon, while engaging landowners in long-term restoration projects and conservation agreements. Project will enroll six landowners in weed removal activities.

\$24,989, *Federal Criminal Case*

Salmon-Safe, Inc.

Salmon-Safe Walla Walla / Umatilla (OR)

Transition 60 percent of Oregon's Blue Mountain apple orchard acreage, totaling 3,600 acres, to Salmon-Safe practices. Project will improve water quality and wildlife habitat, while expanding Salmon-Safe's presence across the region.

\$38,600, *Federal Criminal Case*

Sandy River Basin Watershed Council

Lower Sandy Restoration II — Camp Collins Reconnection (OR)

Enhance habitat complexity in a side channel of the Lower Sandy River of Oregon. Project will support the recovery of ESA listed Chinook, coho and steelhead salmon.

\$45,000, *Federal Criminal Case*

Siuslaw Watershed Council, Inc.

Waite Ranch Tidal Wetland Restoration (OR)

Restore tidal exchange and 200 acres of tidal wetlands in the Siuslaw estuary near Florence, Oregon. Project will create critical rearing habitat for juvenile salmonids, including listed Chinook and coho.

\$50,000, *Federal Criminal Case*

West Multnomah Soil & Water Conservation District

Sauvie Island Pesticide Collection Event

Provide a free event for agricultural producers to dispose of old, outdated or banned pesticides.

\$10,000, *Federal Criminal Case*

PENNSYLVANIA

Pennsylvania Department of Environmental Resources

Pennsylvania Wetlands Replacement

Conduct wetland restorations on private lands, particularly in the Pocono Mountains region, using mitigation funds from the state.

\$15,800, *Mitigation*

PUERTO RICO

Inter American University of Puerto Rico

Puerto Rico Manatee Conservation Center — Rehabilitation Tank Construction

Construct a rehabilitation tank area consisting of three tanks within the Puerto Rico Manatee Conservation Center.

\$192,000, *Federal Criminal Case*

Paul Sturm

Guanica Treatment Wetlands and Stormwater Wetland Design

Design and build six to ten acres of treatment wetlands to address the largest single nitrogen source to Guanica Bay. Project will also design an additional two acres of wetlands to address town runoff entering the site.

\$90,000, *Federal Criminal Case*

SOUTH CAROLINA

South Carolina Forestry Commission

Strategic Watershed Assessment Team Longleaf Pine Initiative (SC)

Provide follow-up assistance and guidance to South Carolina landowners with Wildlife Habitat Incentive Program Long-Leaf Pine Initiative contracts for the purpose of helping them implement practices outlined in their conservation plan.

\$46,400, *Federal Criminal Case*

TEXAS**Texas Parks & Wildlife Foundation**

Sabine Lake Oyster Reef Restoration and Enhancement (TX)

Restore approximately 25.8 acres of oyster reefs in Sabine Lake. Project will construct a network of small patch reefs to mimic the nearby natural reefs.

\$325,000, *Federal Criminal Case*

U.S. Fish and Wildlife Service, Texas Mid-Coast Refuge Complex

Columbia Bottoms NAWCA FWS Fund — Austin Woods Acquisition

Accomplish a land acquisition on Eagle Nest Lake, part of the Austin Woods IV project.

\$76,000, *Mitigation*

Various Recipients

Columbia Bottoms (Austin Woods) Fund

Land acquisition services including review of acquisition plans, appraisal reviews, site visits, land negotiations, grant writing and other related services associated with land acquisition preservation efforts for the Columbia Bottomlands along the Texas Mid-Gulf Coast.

\$77,753, *Mitigation*

UTAH**Burns & McDonnell Engineering Co.**

Ouray Fish Hatchery Manganese Project

Determine and document the most appropriate way to reduce the manganese levels in the Ouray National Fish Hatchery pipeline.

\$26,989, *Species Recovery Funds*

VIRGINIA**Various Recipients**

Great Dismal Swamp Fund

Assist in repair and rehabilitation of the Great Dismal Swamp National Wildlife Refuge, which was damaged by the South One Fire.

\$44,415, *Federal Civil Case*

WASHINGTON**King Conservation District**

Stream Crossing and Riparian Enhancement on Issaquah Creek (WA)

Design, permit, acquire and install crossing structures and riparian enhancement on Carey and Holder Creeks, tributaries to Issaquah Creek in Washington, as replacement of existing stream fords. This project will aid in salmon recovery through reduced sediment and improved riparian areas.

\$35,000, *Federal Criminal Case*

Kramer Consulting

Protecting and Restoring Puget Sound's Marine Shorelines (WA)

Build on new science, strengthen existing partnerships, and develop a focused implementation plan for recovery of summer chum in Hood Canal, Washington. Project will identify and initiate top priority projects for shoreline areas that are consistent with summer chum recovery plans.

\$117,500, *Federal Criminal Case*

Mountains to Sound Greenway Trust

Knotweed and Policemen's Helmet Control on Issaquah Creek (WA)

Control invasive knotweed and policemen's helmet along Issaquah Creek in Washington to improve habitat for endangered Chinook salmon. Project work will include riparian surveys, manual and chemical invasive weed control, and landowner outreach.

\$20,000, *Federal Criminal Case*

WISCONSIN**International Crane Foundation**

Eastern Migratory Whooping Crane Fund

Research habitat use during winter by the Eastern Migratory Population (EMP).

\$1,585, *Species Recovery Funds*

ASIA, INDIA AND THE PACIFIC**World Wildlife Fund, Inc.**

Illegal and Unsustainable Trade in Black Coral

An investigative study of the major processing, distribution and consumer markets. It will focus on hotspots where trade and harvesting in black corals is most extensive and most threatening.

\$137,999, *Federal Criminal Case*