

Activity: Ecological Services
Subactivity: Environmental Contaminants

	2008 Actual	2009 Enacted	2010			Change from 2009 (+/-)
			Fixed Costs & Related Changes* (+/-)	Program Changes (+/-)	Budget Request	
Environmental Contaminants (\$000)	11,982	13,242	+258	0	13,500	+258
FTE	85	85	+2	0	87	+2

*The FTE increases listed in the FY2010 "Fixed Cost & Related Changes" column represent FTE positions that were funded in FY2009, but due to the late enactment of the 2009 Appropriations Act, will not be filled until FY10. The savings realized in FY09 by not having to pay salaries will be used to fund one-time expenses, such as human capital recruitment costs, supplies, and equipment.

Summary of 2010 Program Changes for Environmental Contaminants

Request Component	(\$000)	FTE
Internal Transfer -- NCTC Literature Search Service (Fixed Costs and Related Changes)	-6	0

Program Overview

The Environmental Contaminants (EC) program evaluates the impacts of contaminants on fish and wildlife through special studies conducted both on and off Service lands. The results of these investigations allow the Service to make science-based, landscape-level decisions regarding the appropriate steps to take to address contaminant issues across watersheds.

The EC program has unique technical expertise that is highly sought after both in and out of the Service, and conducts a multitude of conservation activities by:

- providing toxicological expertise to the Endangered Species program on water quality criteria and pesticide registrations;
- promoting integrated pest management and conducting contaminant investigations and refuge cleanup projects on National Wildlife Refuges and National Fish Hatcheries;
- assisting the U.S. Coast Guard and U.S. EPA during hazardous material and oil spill responses to ensure they minimize the impact of oil and chemicals on fish, wildlife, and habitats;
- assisting Migratory Birds and Law Enforcement following bird kills; and
- designing, conducting and funding extensive natural resource damage assessment restoration projects for birds, fish, listed species and their habitat.

Our resources are exposed to and affected by thousands of chemicals in the environment, such as pesticides, personal care products, pharmaceuticals, industrial chemicals, PCBs, dioxins, mercury, selenium, cyanide, and ammonia. The Clean Water Act, Oil Pollution Act, and several other contaminant-related laws give EC staff the authority to work with internal and external partners to: (1) help prevent DOI resources from being exposed to hazardous levels of contaminants; (2) assess the effects on species and habitats exposed to contaminants and (3) remediate or restore habitats, and the DOI trust resources injured by contaminants.

Below are two recent examples of the many services EC staff provide to other programs inside and outside of DOI.

- Response and Technical Assistance: On December 22, 2008, in Kingston, Tennessee approximately 1,000,000,000 gallons of coal fly ash slurry spilled into the environment. EC and Service Law Enforcement personnel responded and continue to collect information to assess the magnitude of injury suffered by fish and wildlife.
- Prevention: On January 9, 2009, the EC program completed a draft *Programmatic Biological Opinion (BO) on the U.S. EPA's Proposed Continuing Approval or Promulgation of New Cyanide Criteria in State and Tribal Water Quality Standards*. This BO, when complete, will represent the first national aquatic life criteria consultation as recommended in the January 2001 *Memorandum of Agreement between the U.S. EPA, the Service and the National Marine Fisheries Service*. The goal in conducting national consultations is to establish an effective, efficient, and consistent nation-wide approach to consultation on water quality criteria approved or promulgated by the U.S. EPA.

Technical Assistance

The EC program assists other federal agencies, States, Tribes, local governments, foreign governments, community groups, and private citizens in identifying and minimizing contaminant-related risks to fish and wildlife and restoring species and habitats injured by contamination. We also use our technical expertise to assist with strategic habitat conservation and landscape cooperative conservation planning efforts (e.g., national consultation under the Clean Water Act for pesticides, and watershed or fly-way based NRDA restorations). Additionally, the EC program focuses on emerging issues, like the potential movement and impact of environmental contaminants due to variation in water quality from global climate change. Within this context, the EC program focuses on four priority areas:

- Identifying contaminant sources and the appropriate management actions to minimize their impacts,
- Restoring habitats and communities impacted by contaminants,
- Providing contaminant related technical services requested by others, and
- Pre-planning to reduce contamination during spills and maximize spill response effectiveness.

Natural Resource Damage Assessment and Restoration (NRDAR)

The Service is a key member of the DOI's Restoration program, providing leadership in development of program guidance, and participating in 99.5% of all damage assessment cases funded by the program. In cooperation with State, Tribal and federal co-trustees, EC staff investigated injuries to fish, wildlife, and supporting habitat that result from releases of hazardous material and oil spills; determined the extent of injury; played a key role in settlement negotiations with responsible parties; and worked with interested local, state and national groups to carry out restoration projects to address injuries. Most of the settlement monies obtained in a damage assessment funds on-the-ground restoration projects. Settlements also may include repayment of the cost of injury assessment work and in-kind restoration work conducted by the settling responsible parties. Many of these restoration projects support strategic habitat conservation by returning contaminated areas into high quality habitats that would otherwise remain unsuitable for fish and wildlife. In many instances, restoration projects are specifically focused on recovery actions for threatened and endangered species and their habitats.

Since 1992, the EC program has obtained about \$70 million in competitive funding from the DOI Restoration Program for natural resource damage assessment case work. That investment, in conjunction with some FWS appropriated funds, has resulted in settlements in excess of \$785

million primarily for restoration of injured natural resources, mostly fish, wildlife, and habitat, but a small portion is also for assessment activities. This is an 11 to 1 return on investment to date and more settlements are in process. Often, the Service has increased the amount of habitat restored or accelerated the pace of restoration by leveraging settlement funds with other funding sources or provided funds to community groups that increase the size of planned restoration projects with local energy and political support which further extends the return on investment. In addition, Service damage assessment field staff have produced and directed significant portions of the scientific work that became the foundation of settlements in many large damage assessment/Superfund cases. Since 2000, over \$720 million dollars were obtained for remediation in just four of these large damage assessment/Superfund cases (Iron Mountain Mine, CA; Indiana Harbor, IN; Montrose, CA; Fox River, WI) and these settlements would not have occurred without our involvement.

The Atchison, Topeka, Santa Fe (ATSF) railroad restoration is an example of a NRDA restoration that occurred within a strategic habitat priority area, worked with local conservation partners to implement restoration, and leveraged funds to expand restoration projects.

- Central Curry Soil and Water Conservation District (CCSWCD) received \$343,000 in ATSF, NRDA restoration funds for leases to protect and restore playas in Curry County, NM in 2007. Thus far, nearly 700 acres of playa bottom and uplands have been protected by working with willing landowners.
- New Mexico trustees worked with The Nature Conservancy (TNC) in New Mexico to leverage \$75,000 in settlement funds to obtain a \$75,000 North American Wetlands Conservation Act (NAWCA) grant in 2008. The combined \$150,000 are being used to restore and protect 51 wetland acres and 176 supporting upland acres within a high priority conservation area identified by multiple conservation partners. These lands will benefit priority waterfowl species, including northern pintail and American Wigeon.
- Our co-trustees, the Texas Parks and Wildlife Department, also leveraged settlement funds in 2008, to obtain \$15,210 in matching funds from the NAWCA grant program to restore and protect 99 acres of high quality foraging habitat for migrating and wintering ducks, and support recreational use.

As seen in the table below, benefits to fish, wildlife, and habitat from NRDAR activities have accrued rapidly since the EC program began to focus more on damage assessment and restoration activities. The program plans to continue this successful strategy in FY 2010. We have numerous active NRDAR cases some of which are likely to settle in FY 2010 and from which significant additional restoration projects will be initiated. The potential future workload is substantial. There are 1,255 sites on EPA's National Priorities List, 63 more sites proposed for listing, more than 10,000 sites in EPA's database of contaminated sites, and over 12,000 oil spills reported annually in the U.S. In many instances the releases of oil or hazardous materials from these spills and sites negatively impacts fish and wildlife and aquatic ecosystems and the EC program is investigating and responding to these releases.

FY 2008 NRDAR Program Highlights	
94%	Percent of cases where the Service is the lead departmental bureau
> 350	Number of cases in which the Service uses base funds, recovered assessment funds, or cooperative assessment funds to fund a case
21,593	Wetland acres restored or enhanced using funds from the NRDAR program in 2008
3,289	Upland acres restored or enhanced using funds from the NRDAR Program in 2008
391	Stream miles restored or enhanced using funds from the NRDAR Program in 2008
1,157	Acres of recreational opportunities made available through NRDAR restorations in 2008
>\$200 million	Amount available for restoration in the DOI NRDAR Fund

Supporting the Service and Departmental Priorities

Restorations associated with NRDAR cases directly benefit Service and Department resources by:

- (1) Restoring clean high-quality habitat to the National Wildlife Refuge System. In FY 2008, 902 acres were enhanced or restored on refuge lands, and 3,191 acres were managed or protected on refuge lands.
- (2) Restoring listed threatened and endangered species. Recent settlements resulted in the acquisition of hundreds of acres of older growth forest habitat for the listed marbled murrelet, enhancement of stream quality for several listed mussels, and provided nesting habitat and management for bald eagles.
- (3) Increasing migratory bird populations. More than a dozen seabird breeding colonies along the U.S. coast and internationally have been protected and enhanced.
- (4) Providing habitat and clean water for the long-term health of fish populations and other aquatic organisms. Restoration funds helped enhance numerous stream habitats, remove migration barriers, and restore spawning and rearing habitats for survival of young fish.
- (5) Connecting people with nature. Most NRDAR settlements include an educational component, and many habitat improvement projects engage the local community in physically restoring their local environment.

Use of Cost and Performance Information

The EC Program uses performance-based information in its resource allocation process.

- The EC program's Analytical Control Facility uses competitive contract services to obtain chemical analyses. We maintain data quality by working closely with the contractors before, during and after analysis through strict QA/QC protocols.
- Funds are distributed to each region for on- and off-refuge contaminant investigations based on a proposal process. Proposals are evaluated for scientific merit, measurable management outcomes, and reducing impacts to resources with additional criteria based on regional performance.
- Through a peer review process, on- and off-refuge investigations, refuge cleanups and contaminant assessments are prioritized. This process ensures that high quality work is performed and the resulting data are of high scientific integrity for effective management decisions.

2010 Program Performance

The EC program will continue to focus investigation and damage assessment activities on projects that are at a landscape level and are consistent with the Service's Strategic Habitat Conservation efforts. In addition to conducting contaminant-related investigations and providing technical assistance, the Service intends to complete the first of many national water quality criteria consultations with the Environmental Protection Agency (EPA). These consultations are critical for establishing water quality criteria, or pollutant thresholds, that will not harm aquatic and aquatic-dependent species or other wildlife.

The EC program ensures efficient use of staff by contracting with additional laboratories for assistance. These laboratories help the program process samples and allow for more efficient handling of the increasing number of analyses received from field investigations. The processing by the laboratories helps the EC Program maintain its performance goals in FY 2010, as reflected in the Program Performance Overview Table.

EC biologists will continue to provide technical assistance to the EPA, Tribes, States, and local entities. Biologists will provide necessary data regarding contaminant-related impacts to Service lands and other habitats associated with trust resources to assist with the development and evaluation of National Pollution Discharge Elimination System permits and the Total Maximum Daily Load requirements of the Clean Water Act. These activities support the conservation of trust resources by reducing, preventing, or eliminating the impacts of contaminants on and off Service lands. The EC program also collaborates with other federal, state, and local agencies to review and formulate management plans for watersheds that encompass Service lands. This directly supports the efforts of the National Fish Habitat Initiative by helping to ensure sufficiently high water quality to support aquatic species.

Technical assistance to other Service programs using EC base funds will continue for specific projects such as dredging, Corps of Engineer permits, Endangered Species consultations, Refuge and Migratory Birds concerns, Law Enforcement requests, wildlife die-offs, spill response, and initiation of natural resource damage assessments. Continued technical assistance to external partners (e.g., other DOI Bureaus, federal agencies, Tribes, States, and NGOs) will be provided to a limited extent, but the program will maximize the use of reimbursable agreements to fund these activities when possible. This includes technical reviews of environmental risk assessments and assistance on toxicological and biological studies.

Restoration of contaminated habitats and subsequent monitoring to document the effectiveness of our restoration efforts will continue as priorities for the NRDAR portion of the EC program. In addition, field staff will continue to work with our partners to reinforce their prevention-related activities. These preventive efforts provide the greatest conservation value for healthy habitats and species.

Program Performance Overview

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Landscapes and Watersheds									
CSF 1.1 Number of FWS riparian (stream/shoreline) (including marine and coastal) miles restored to the condition specified in management plans - annual (GPRA)	80	97	58	63	63	163	163	0 (-0.3%)	163
1.1.2 # miles of FWS riparian (stream/shoreline) (including marine and coastal) habitats restored through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 1.2 Number of FWS riparian (stream/shoreline) (including marine and coastal) miles managed or protected to maintain desired condition as specified in management plans - annual (GPRA)	2,871	5,144	59,125	58,901	58,901	309,974	309,974	0 (0.0%)	309,974
1.2.3 # of FWS riparian (stream/shoreline) (including marine and coastal) miles managed or protected through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
1.2.4 # of FWS riparian (stream/shoreline) (including marine and coastal) miles managed or protected through contaminant actions	unk	unk	unk	unk	unk	unk	Est. B/L	---	Est. B/L
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 2.1 Number of FWS wetland acres restored to the condition specified in management plans - annual (GPRA)	40,027	49,765	24,889	23,999	23,999	20,222	24,869	4,647 (23.0%)	24,869
2.1.4 # of FWS wetlands acres restored through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 2.2 Number of FWS upland acres restored to the condition specified in management plans - annual (GPRA)	174,421	198,663	56,177	75,281	75,281	113,188	113,188	0	113,188
2.2.2 # of FWS upland acres restored through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 2.3 Number of FWS coastal and marine acres restored to the condition specified in management plans - annual (GPRA)	214,428	5,903	7,159	11,499	11,499	12,773	12,776	4 (0.0%)	12,776
2.3.4 # of FWS coastal and marine acres restored through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 2.4 Number of FWS wetland acres managed or protected to maintain desired condition as specified in management plans - annual (GPRA)	1,150,276	21,357,697	21,624,566	31,805,704	31,805,704	32,079,420	32,194,867	115,447 (0.4%)	32,194,867
CSF Total Actual/Projected Expenditures(\$000)	unk	\$79,404	\$88,702	unk	\$96,670	\$109,750	\$112,679	\$2,928	\$120,631
2.4.6 # of FWS wetland acres managed or protected through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 2.5 Number of FWS upland acres managed or protected to maintain desired condition as specified in management plans - annual (GPRA)	2,502,152	52,791,511	52,689,376	51,750,305	51,750,305	52,264,381	52,553,845	289,464 (0.6%)	52,553,845
CSF Total Actual/Projected Expenditures(\$000)	unk	\$58,652	\$62,709	unk	\$63,241	\$70,435	\$72,454	\$2,019	\$77,568
Actual/Projected Cost Per Acre (whole dollars)	unk	\$1	\$1	unk	\$1	\$1	\$1	\$0	\$1
2.5.5 # of FWS upland acres managed or protected through contaminant actions	unk	unk	6,003,291	29,000	29,000	105,424	105,424	0	105,424
2.5.6 # of FWS upland acres managed or protected through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 2.6 Number of FWS coastal and marine acres managed and protected to maintain desired condition as specified in management plans - annual (GPRA)	174,586	2,359,228	2,366,041	2,388,449	2,388,449	2,913,747	2,913,747	0 (0.0%)	2,913,747
CSF Total Actual/Projected Expenditures(\$000)	unk	\$22,586	\$26,257	unk	\$29,173	\$29,957	\$30,646	\$689	\$32,809
Actual/Projected Cost Per Acre (whole dollars)	unk	\$10	\$11	unk	\$12	\$10	\$11	\$0	\$11
2.6.3 # of FWS coastal and marine acres managed or protected through NRDA	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 2.9 Other Habitat Protection Activities - FWS Lands - metric tbd	unk	unk	unk	unk	unk	unk	unk	unk	unk
CSF Total Actual/Projected Expenditures(\$000)	unk	\$55,971	\$73,408	unk	\$60,400	\$59,656	unk	unk	unk
2.9.3 # of completed contaminant investigations, cleanups, and restoration on Refuges	30	unk	108	39	39	94	unk	unk	unk

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Comments:	This performance measure will be discontinued beginning in FY 2010								
2.9.5 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting FWS lands	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 3.1 Number of non-FWS riparian (stream/shoreline) miles restored, including miles restored through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	851	1,217	1,522	1,755	1,755	1,593	1,404	-190 (- 11.9%)	1,404
CSF Total Actual/Projected Expenditures(\$000)	unk	\$22,474	\$39,761	unk	\$48,748	\$54,537	\$49,146	(\$5,392)	\$52,614
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$978	\$1,149	unk	\$3,044	\$2,079	\$2,127	\$48	\$2,277
Actual/Projected Cost Per Mile (whole dollars)	unk	\$18,470	\$26,131	unk	\$4,976	\$34,227	\$35,014	\$787	\$37,485
3.1.3 # of non-FWS riparian (stream/shoreline) miles restored through technical assistance, including partnerships (GPRA)(PART)	unk	unk	7	20	20	501	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
3.1.4 # of non-FWS riparian (stream/shoreline) miles restored through NRDA (GPRA)	12	42	171	65	65	51	51	0	51
CSF 3.2 Number of non-FWS riparian (stream/shoreline) miles managed or protected to maintain desired condition, including miles managed or protected through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	11,625	5,828	6,997	6,069	6,069	4,417	7,545	3,128 (70.8%)	7,545
CSF Total Actual/Projected Expenditures(\$000)	unk	\$4,762	\$4,407	unk	\$4,813	\$5,279	\$9,225	\$3,947	\$9,876
Actual/Projected Cost Per Mile (whole dollars)	unk	\$817	\$630	unk	\$235	\$1,195	\$1,223	\$27	\$1,309
3.2.2 # of non-FWS riparian (stream/shoreline) miles managed or protected through technical assistance, including partnerships - annual (GPRA)(PART)	1	40	1,077	152	152	2,764	---	---	---

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Comments:	This performance measure will be discontinued beginning in FY 2010								
3.2.3 # of non-FWS riparian (stream/shoreline) miles managed or protected through NRDA - annual (GPRA)	5,837	2,095	157	45	45	484	484	0	484
CSF 4.1 Number of non-FWS wetland acres restored, including acres restored through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	410,610	593,996	559,947	603,196	603,196	708,180	431,261	-276,918 (-39.1%)	431,261
CSF Total Actual/Projected Expenditures(\$000)	unk	\$19,580	\$36,921	unk	\$44,848	\$56,496	\$35,196	(\$21,300)	\$37,680
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$855	\$822	unk	\$1,062	\$504	\$515	\$12	\$552
Actual/Projected Cost Per Acre (whole dollars)	unk	\$33	\$66	unk	\$46	\$80	\$82	\$2	\$87
4.1.2 # of wetlands enhanced/restored through technical assistance, including partnerships - annual (GPRA)(PART)	unk	unk	2,011	591	591	37,466	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
4.1.3 # of non-FWS wetland acres enhanced/restored through NRDA - (GPRA)	2,000	10,506	4,967	1,206	1,206	1,387	1,387	0	1,387
CSF 4.2 Number of non-FWS upland acres restored, including acres restored through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	348,362	287,795	425,596	181,951	181,951	187,492	186,535	-957 (-0.5%)	186,535
CSF Total Actual/Projected Expenditures(\$000)	unk	\$9,617	\$14,126	unk	\$14,568	\$15,714	\$15,993	\$279	\$17,122
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$285	\$372	unk	\$268	\$300	\$307	\$7	\$329
Actual/Projected Cost Per Acre (whole dollars)	unk	\$33	\$33	unk	\$38	\$84	\$86	\$2	\$92
4.2.2 # of non-FWS upland acres enhanced/restored through technical assistance, including partnerships - annual (GPRA)(PART)	unk	unk	86	1,172	1,172	910	---	---	---

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Comments: This performance measure will be discontinued beginning in FY 2010									
4.2.3 # of non-FWS upland acres enhanced/restored through NRDA - (GPRA)	unk	2,897	5,962	3,234	3,234	3,333	3,333	0	3,333
CSF 4.3 Number of non-FWS coastal and marine acres restored, including acres restored through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	19,579	40,938	55,175	23,932	23,932	15,243	15,705	462 (3.0%)	15,705
CSF Total Actual/Projected Expenditures(\$000)	unk	\$12,917	\$8,346	unk	\$13,673	\$12,603	\$13,284	\$681	\$14,222
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$1,452	\$1,542	unk	\$1,277	\$1,455	\$1,489	\$33	\$1,594
Actual/Projected Cost Per Acre (whole dollars)	unk	\$316	\$151	unk	\$267	\$827	\$846	\$19	\$906
4.3.5 # of non-FWS coastal/marine acres restored/enhanced through NRDA - (GPRA)	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments: This is a new performance measure for FY 2010 and the target will be to establish a baseline.									
CSF 4.4 Number of non-FWS wetland acres managed or protected to maintain desired condition, including acres managed or protected through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	552,111	3,684,773	31,556,449	785,719	785,719	748,660	585,254	-163,406 (- 21.8%)	585,254
CSF Total Actual/Projected Expenditures(\$000)	unk	\$17,533	\$28,640	unk	\$37,147	\$45,334	\$36,254	(\$9,080)	\$38,813
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$516	\$516	unk	\$248	\$280	\$286	\$6	\$306
Actual/Projected Cost Per Acre (whole dollars)	unk	\$5	\$1	unk	\$5	\$61	\$62	\$1	\$66
4.4.4 # of non-FWS wetland acres managed or protected through technical assistance, including partnerships - annual (GPRA)(PART)	unk	unk	30,042,521	3,770	3,770	17,647	---	---	---

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Comments: This performance measure will be discontinued beginning in FY 2010									
4.4.5 # of non-FWS wetland acres managed or protected through NRDA - (GPRA)	unk	11,477	2,400	1,652	1,652	3,763	3,763	0	3,763
CSF 4.5 Number of non-FWS upland acres managed or protected to maintain desired condition, including acres managed or protected through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	11,250	15,127	18,041,177	2,182,816	2,182,816	201,587	120,989	-80,598 (-40.0%)	120,989
CSF Total Actual/Projected Expenditures(\$000)	unk	\$11,686	\$12,526	unk	\$14,517	\$14,321	\$8,793	(\$5,528)	\$9,414
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$280	\$152	unk	\$159	\$245	\$250	\$6	\$268
Actual/Projected Cost Per Acre (whole dollars)	unk	\$773	\$1	unk	\$1	\$71	\$73	\$2	\$78
4.5.1 # of non-FWS upland acres managed or protected through technical assistance or land management actions, including partnerships - annual (GPRA)(PART)	unk	13,011	10,025,539	10,795	10,795	112,569	---	---	---
Comments: This performance measure will be discontinued beginning in FY 2010									
4.5.2 # of non-FWS upland acres managed or protected through NRDA - (GPRA)	11,250	2,116	7,696	4,809	4,809	7,136	7,136	0	7,136
CSF 4.6 Number of non-FWS coastal and marine acres managed or protected to maintain desired condition, including acres managed or protected through partnerships, as specified in management plans or agreements that involve FWS - annual (GPRA)	381,809	14,143	99,961	71,316	71,316	41,821	59,620	17,799 (42.6%)	59,620
CSF Total Actual/Projected Expenditures(\$000)	unk	\$3,724	\$2,858	unk	\$4,239	\$4,585	\$6,687	\$2,102	\$7,159
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$246	\$361	unk	\$277	\$565	\$578	\$13	\$619
Actual/Projected Cost Per Acre (whole dollars)	unk	\$263	\$29	unk	\$7	\$110	\$112	\$3	\$120
4.6.6 # of non-FWS coastal/marine acres managed or protected through NRDA - (GPRA)	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
CSF 4.7 Number of other environmental technical assistance efforts to protect habitat	1,596	59,431	145,282	54,637	54,637	43,349	27,024	-16,325 (-37.7%)	27,024
CSF Total Actual/Projected Expenditures(\$000)	unk	\$31,705	\$18,182	unk	\$25,261	\$24,428	\$15,578	(\$8,849)	\$16,678
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$15,298	\$14,231	unk	\$13,978	\$13,542	\$13,854	\$311	\$14,832
Actual/Projected Cost Per N/A (whole dollars)	unk	\$533	\$125	unk	\$473	\$564	\$576	\$13	\$617
4.7.1 # of pesticide use proposals and integrated pest management plans reviewed	1,029	unk	1,594	400	400	1,057	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
4.7.2 # of spill prevention activities and spill responses involving a field visit	392	unk	40,756	672	672	966	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
4.7.3 Total # of reported spills, releases, or drills received	unk	unk	44,614	14,191	14,191	16,479	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
4.7.4 # of ongoing NRDA cases, final settlements, and other environmental assessments (including BTAG, CERCLA, & RCRA activities)	175	unk	1,002	291	291	1,223	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
4.7.16 # of technical assistance activities provided to other FWS programs	unk	unk	unk	unk	unk	1,344	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
4.7.17 # of technical assistance activities provided to other Federal/State/Local and/or partners	unk	unk	unk	unk	unk	2,161	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
CSF 4.8 Number of large-scale landscape planning and/or programmatic approaches in progress or completed	unk	unk	71	321	321	375	450	75 (20.0%)	450
CSF Total Actual/Projected Expenditures(\$000)	unk	unk	\$1,896	unk	\$3,658	\$18,810	\$23,092	\$4,281	\$24,721
CSF Program Total Actual/Projected Expenditures(\$000)	unk	unk	\$62	unk	\$47	\$66	\$68	\$2	\$72
Actual/Projected Cost Per N/A (whole dollars)	unk	unk	\$26,708	unk	\$6,441	\$50,161	\$51,315	\$1,154	\$54,937
4.8.4 # of Natural Resource Damage Assessment and Restorations in progress	175	266	501	291	291	---	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
4.8.5 #ECacts benefit othr Fed/State/Local agcy,prt	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Sustaining Biological Communities									
CSF 5.2 Percent of populations of native aquatic non-T&E species managed or influenced by the Fisheries Program for which current status (e.g., quantity and quality) and trend is known (PART)	69% (1,173 of 1,698)	31% (473 of 1,515)	34% (540 of 1,589)	38% (557 of 1,472)	38% (557 of 1,472)	37% (580 of 1,569)	37% (580 of 1,569)	0.0%	37% (580 of 1,569)
CSF Total Actual/Projected Expenditures(\$000)	unk	\$21,280	\$18,753	unk	\$21,790	\$20,496	\$20,967	\$471	\$22,447
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$207	\$104	unk	\$95	\$36	\$37	\$1	\$40
Actual/Projected Cost Per Populations (whole dollars)	unk	\$44,989	\$34,729	unk	\$36,807	\$35,338	\$36,151	\$813	\$38,702
5.2.8 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting trust aquatic non-T&E resources	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 6.1 Percent of all migratory bird species that are at healthy and sustainable levels (GPRA) (PART)	61.4% (561 of 913)	61.4% (561 of 913)	61.5% (561 of 912)	62.3% (568 of 912)	62.3% (568 of 912)	62.3% (568 of 912)	62.5% (570 of 912)	0.2% (0.4%)	62.5% (570 of 912)
CSF Total Actual/Projected Expenditures(\$000)	unk	\$28,207	\$28,553	unk	\$47,443	\$50,527	\$51,871	\$1,344	\$55,532
CSF Program Total Actual/Projected Expenditures(\$000)	unk	\$118	\$185	unk	\$631	\$494	\$505	\$11	\$541
Actual/Projected Cost Per Species (whole dollars)	unk	\$50,280	\$50,897	unk	\$83,526	\$88,956	\$91,002	\$2,046	\$97,424
6.1.8 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting migratory birds	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 7.11 Percent of prioritized listed species showing improvement in their status indicators	unk	unk	unk	unk	4% (7 of 172)	4% (6 of 143)	---	---	---
Actual/Projected Cost Per Species (whole dollars)	unk	unk	unk	unk	\$16,543,076	\$25,644,429	---	---	---
Comments:	This CSF will be discontinued beginning in FY 2010								
7.11.5 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting listed species	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 7.12 Percent of populations of aquatic threatened and endangered species (T&E) that are self-sustaining in the wild (PART)	9% (38 of 416)	13% (55 of 435)	10% (61 of 595)	4% (26 of 585)	4% (26 of 585)	9% (60 of 639)	9% (60 of 639)	0.0%	9% (60 of 639)
7.12.6 #acts spil/invst/cln/asm/ta/H2O ben aqT&E	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
7.15.4 # of completed contaminant investigations -- Off Service lands	13	unk	40	58	58	48	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
7.15.5 # of Clean Water Act activities (NPDES, TMDLs, Triennial Reviews)	5,424	unk	6,038	1,585	1,585	1,292	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
7.15.6 # of Section 7 Consultations Pesticides -- Off Service lands - State and EPA consultations and technical assistance	231	unk	398	181	181	132	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
7.15.7 # of Section 7 Consultations CWA -- Off Service lands - State and EPA consultations and technical assistance	918	unk	1,088	337	337	283	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
CSF 7.16 % of formal/informal "other non-energy" consultations addressed in a timely manner	unk	unk	84% (15,902 of 18,822)	76% (13,777 of 18,040)	76% (13,777 of 18,040)	84% (10,418 of 12,337)	---	---	---
CSF Total Actual/Projected Expenditures(\$000)	unk	unk	\$29,010	unk	\$30,713	\$37,647	---	---	---
CSF Program Total Actual/Projected Expenditures(\$000)	unk	unk	\$261	unk	\$241	\$413	\$423	\$10	\$453
Actual/Projected Cost Per Consultations (whole dollars)	unk	unk	\$1,824	unk	\$2,615	\$3,614	\$3,697	\$83	\$3,958
7.16.2 # contaminant actions on Section 7 Consultations	1,149	485	743	518	518	518	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
7.16.6 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting aquatic listed species	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD

Performance Goal	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Budget	Change from 2009 Plan to 2010	Long-term Target 2013
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 7.19 % of listed Spotlight Species that achieve their five-year conservation target	unk	unk	unk	unk	unk	unk	(0 of 142)		(0 of 142)
Comments:	This is a new Service CSF for FY 2010.								
7.19.5 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting listed species	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 7.31 % of formal/informal "other non-energy" consultations addressed in a timely manner	unk	unk	84% (15,902 of 18,822)	76% (13,777 of 18,040)	76% (13,777 of 18,040)	84% (10,418 of 12,337)	85% (10,628 of 12,547)	0.3% (0.3%)	85% (10,628 of 12,547)
7.31.2 # contaminant actions on Section 7 Consultations	1,149	485	743	518	518	518	---	---	---
Comments:	This performance measure will be discontinued beginning in FY 2010								
CSF 9.1 Percent of marine mammals achieving optimal sustainable populations (GPRA)	40% (4 of 10)	40% (4 of 10)	40% (4 of 10)	67% (6 of 9)	67% (6 of 9)	30% (3 of 10)	40% (4 of 10)	10.0% (33.3%)	40% (4 of 10)
9.1.7 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting marine mammals	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 9.3 Percent of populations of indicator species with improved or stable numbers (PART)	unk	83% (370 of 444)	70% (431 of 615)	61% (393 of 647)	61% (393 of 647)	63% (452 of 723)	77% (559 of 723)	14.8% (23.7%)	77% (559 of 723)
CSF Total Actual/Projected Expenditures(\$000)	unk	\$24,912	\$25,134	unk	\$25,408	\$25,818	\$32,664	\$6,846	\$34,970
9.3.5 % of completed amphibian monitoring actions on Refuge lands	unk	unk	unk	unk	unk	unk	Est. B/L	---	TBD
Comments:	This is a new performance measure for FY 2010 and the target will be to establish a baseline.								
CSF 18.1 Percent of planned tasks implemented for Tribal fish and wildlife conservation as prescribed by Tribal plans or agreements	2,408% (1,734 of 72)	79% (61 of 77)	79% (79 of 100)	54% (77 of 142)	54% (77 of 142)	43% (230 of 538)	43% (230 of 538)	0.0%	43% (230 of 538)
Actual/Projected Cost Per tasks (whole dollars)	unk	\$79,241	\$78,103	unk	\$49,670	\$45,382	\$46,426	\$1,044	\$49,702
18.1.13 # Contaminant actions to Tribes for NRDAR, Restoration, CWA, Pesticides	unk	unk	46	25	25	136	136	0	136

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