

Activity: Ecological Services
Subactivity: Environmental Contaminants

		2009 Actual	2010 Enacted	2011		Change from 2010 (+/-)	
				DOI-wide Changes & Transfers (+/-)	Program Changes (+/-)		Budget Request
Environmental Contaminants	(\$000)	13,242	13,987	-163	+105	13,929	-58
	FTE	86	87	-	+1	88	+1

Summary of 2011 Program Changes for Environmental Contaminants

Request Component	(\$000)	FTE
• Treasured Landscapes - Everglades	175	+1
• Treasured Landscapes - Chesapeake Bay	180	+1
• Treasured Landscapes - Gulf Coast Ecosystem	250	+1
• General Program Activities	-500	-2
TOTAL Program Changes	+105	+1

Justification of 2011 Program Changes

The 2011 budget request for Environmental Contaminants is \$13,929,000 and 88 FTE, a net program change of +\$105,000 and +1 FTE from 2010 Enacted.

Treasured Landscapes - Everglades (+\$175,000/+1 FTE)

The Environmental Contaminants Program provides critical technical assistance in the effort to restore the Everglades. Although this restoration will benefit wading birds and other wildlife by transforming thousands of acres of former agricultural lands into healthy wetlands, it has the potential to unearth buried contaminants historically used to maximize crop yield that can harm bald eagles, wood storks, and other wildlife. This funding will allow the Contaminants Program to identify potential problems, apply the science needed to make sound management decisions, and ensure that the Everglades restoration effort maximizes its contribution to ecosystem-level conservation, improving conditions across thousands of acres of habitat.

Treasured Landscapes - Chesapeake Bay (+\$180,000/+1 FTE)

The request will enable the Service's Environmental Contaminants Program to work throughout the entire Chesapeake Bay watershed, focusing on key tributaries and estuarine areas to monitor possible effects of accelerated natural gas extraction and development (Marcellus shale formation) on contaminant discharges to Service trust resources. The program will also investigate declines in fish populations due to endocrine disruptors (e.g., intersex fish); and the impacts of nutrient loading from non-point sources such as agricultural fields and urban watersheds.

Treasured Landscapes - Gulf Coast Ecosystem Protection (+\$250,000/+1 FTE)

The funds will be used to increase the Service's contaminant capacity in the Gulf, support the development of Gulf Coast restoration plans, and design and implement environmental contaminant investigations, injury studies, and monitoring activities.

The proposed increase will increase the Service's capacity to effectively address contaminant issues that are adversely impacting fish and wildlife trust resources along the Gulf Coast of Louisiana and

Mississippi, and contribute directly to designing and implementing an accelerated Gulf Coast restoration program. These issues include, but are not limited to, the ongoing effects of: hazardous materials and toxic chemicals released from facilities destroyed by Hurricanes Katrina and Rita; oil and hazardous waste spills; waste disposal from large swine rearing facilities; overflows from municipal sewerage treatment plants; non-point source run-off; and potential contaminant issues associated with proposed Gulf Coast hurricane protection and ecosystem restoration efforts (e.g., evaluating and improving the use of dredge materials for restoration activities).

The funds will enable the Service to identify, acquire, evaluate, and interpret chemical and biological data to support the development of Gulf Coast restoration plans that are based on sound conclusions on the extent, severity, and significance of environmental contaminant concerns on trust species and other natural resources.

Priority efforts will include working with other programs, offices, agencies, and partners to develop habitat restoration plans along the Gulf Coast of Louisiana and Mississippi, ensuring potential contaminants issues are evaluated and addressed. In this context, the increase will enable the Service to provide technical assistance to federal agencies involved in cleanups under CERCLA/SARA, RCRA, BRAC or other federal authorities to enhance or restore fish and wildlife resources; work with State and federal partners to develop strategies and investigations to assess injuries from releases, determine resources needed for restoration, and work cooperatively with interested principal responsible parties to achieve restoration goals; and assess federal agency compliance with existing risk assessment and remedial planning guidance or in accordance with conditions in Biological Opinions, Habitat Conservation Plans, or other management plans. Funds will also be used to design and implement environmental contaminant investigations, injury studies, and monitoring activities that are scientifically sound and legally defensible.

General Program Activities (-\$500,000/-2 FTE)

The Service proposes to eliminate unrequested funding provided for the Environmental Contaminants program in FY 2010. The savings are being used to fund other priorities.

Program Performance Change Table - Environmental Contaminants

Performance Goal	2007 Actual	2008 Actual	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Program Change Accruing in Out-years
Watersheds and Landscapes								
CSF 2.4 Number of FWS wetland acres managed or protected to maintain desired condition as specified in management plans - annual (GPRA)	21,624,566	32,194,867	32,087,460	32,069,571	32,069,571	33,224,076	1,154,504 (+3.6%)	
CSF Total Actual/Projected Expenditures(\$000)	\$88,702	\$96,670	\$101,940	\$104,227	\$104,227	\$110,462	\$6,236	
CSF Program Total Actual/Projected Expenditures(\$000)	\$23	\$7	\$20	\$21	\$21	\$21	\$0	

Performance Goal	2007 Actual	2008 Actual	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Program Change Accruing in Out-years
Actual/Projected Cost Per Acre (whole dollars)	\$4	\$3	\$3	\$3	\$3	\$3	\$0	
2.4.5 # of FWS wetland acres managed or protected through contaminant actions - annual	6,019,590	13,821,443	2,699,337	n/a	n/a	1,000	n/a	
Comments:	The additional 1,000 acres managed or protected is a result of the \$175,000 increase for "Treasured Landscapes - Everglades" and the \$250,000 increase for "Treasured Landscapes - Gulf Coast."							
CSF 4.8 Number of large-scale landscape planning and/or programmatic approaches in progress or completed	71	568	738	437	437	453	16	
CSF Total Actual/Projected Expenditures(\$000)	\$1,896	\$3,658	\$22,014	\$13,335	\$13,335	\$14,142	\$806	
CSF Program Total Actual/Projected Expenditures(\$000)	\$62	\$47	\$123	\$126	\$126	\$129	\$3	
4.8.5 # contaminant actions benefiting other Federal/State/Local agencies and/or partners	n/a	n/a	n/a	n/a	n/a	13	13	
Comments:	This is a new performance measure for FY10 and no previous performance data is available. The increase in 13 contaminant actions is a result of the \$185,000 increase for "Treasured Landscapes - Chesapeake Bay."							
Sustaining Biological Communities								
CSF 7.21 Percent of populations of aquatic threatened and endangered species (T&E) that are self-sustaining in the wild	10% (61 of 595)	12% (70 of 585)	11% (70 of 639)	9% (66 of 701)	9% (66 of 701)	9% (66 of 701)	0	
7.21.6 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting aquatic listed species	n/a	n/a	n/a	n/a	n/a	5	5	
Comments:	This is a new performance measure for FY10 and no previous performance data is available. The increase in 5 contaminant actions is a result of the \$250,000 increase for "Treasured Landscapes - Gulf Coast."							

Note: 2011 Base Budget is equal to 2010 Plan (enacted level) plus fixed cost (absorbed).

Program Overview

The Environmental Contaminants (EC) Program is dedicated to protecting fish, wildlife and their habitats from the harmful effects of pollutants. Service trust resources are exposed to and affected by thousands of chemicals in the environment, such as pesticides, personal care products, pharmaceuticals, endocrine disrupters, PCBs, dioxins, mercury, selenium, cyanide, and ammonia. The EC Program evaluates the impacts of these contaminants on fish and wildlife, providing information that allows the Service to make decisions based on sound science regarding steps to take to address these contaminant issues.

The EC Program operates under a Strategic Plan, completed in 2008, which focuses on five main goals:

Mission of the Environmental Contaminants Program

Conserve, protect, and enhance fish, wildlife and their habitats by identifying and preventing the effects of contaminants, and by restoring impacted resources, through collaboration with Service Programs, other federal, Tribal, State, and local agencies as well as our partners in academia, industry and the public.

Goal 1: Conserve trust resources and their habitats through contaminant prevention.

Goal 2: Restore and recover trust resources and their habitats harmed by environmental contamination and other stressors.

Goal 3: Provide environmental contaminant expertise and high-quality scientific data and interpretation to support sound management decisions for trust resources.

Goal 4: Increase accountability, coordination, and visibility of the Environmental Contaminants Program to our internal and external partners and the public.

Goal 5: Maintain and support an adequately-sized, technically capable workforce with state-of-the-art training, equipment, and technologies.

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 in three important areas: (1) **identifying and assessing** the effects on species and habitats exposed to contaminants; (2) **preventing** trust resources from being exposed to hazardous levels of contaminants; and (3) **restoring** habitats and DOI trust resources injured by contaminants.

Identifying and Assessing the Effects of Contaminants

The EC Program ensures that the Service remains a leader in fish and wildlife toxicology issues. Internally, we work with nearly every Service Program, including Refuges, Migratory Birds, Law Enforcement, Fisheries, and Endangered Species. Outside of the Service we work with other federal, State, Tribal and non-federal partners. We provide toxicological expertise on water quality criteria, pesticide registrations, pesticide use and other pest management practices. Through a peer review process, which evaluates scientific merit and measurable management outcomes, funds are allocated to each Region to investigate contaminant issues both on and off National Wildlife Refuges.

The Service's Analytical Control Facility (ACF) was recently reorganized to provide greater support to field operations. The mission of ACF is to provide high quality analytical chemistry services to the Service and other DOI bureaus. In order to maintain this level of excellence, ACF ceased in-house sample analysis and focuses now on securing the most technical, efficient, and accurate contract labs. Focusing on contract labs enables ACF to streamline their process, research state-of-the-art labs and technologies, and add new chemical testing. The ACF provides quality assurance and quality control on the vast majority of chemical analyses performed. Additionally, ACF manages the Environmental Contaminants Data Management System (ECDMS), an on-line computerized database of sample collection data which has been operational since March 1991. The ECDMS database contains over 103,000 samples, representing 831 different species and 1,081 different chemicals. It contains samples and results from 288 National Wildlife Refuges. There are over 4,638,000 records in the database

providing a key monitoring baseline for the Service to use when making critical resource decisions. This is especially important given the potential impacts of climate change on species and habitats.

Preventing Trust Resources from Being Exposed to Contaminants

Environmental Contaminants biologists provide a critical role in protecting the nation's resources by preventing contaminant-induced injury to fish, wildlife, plants and their habitats. Prevention precludes the considerable costs associated with investigation, remediation and restoration, and is by far the most strategic resource management practice the Service can offer. Through the review of legislation, regulations, state water quality standards, permits, and licenses, the EC Program helps ensure that harmful effects of contaminants on fish, wildlife, and plant populations and habitats are prevented or minimized.

Jointly with Endangered Species program, the EC Program recently completed a *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 represents 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*.

Use of Cost and Performance Information

- The EC Program operates under a 5-year Strategic Plan developed with stakeholder input that defines outcome-based Program priorities and goals.
- The EC Program's performance measures were extensively revised in FY 2009 to better track our accomplishments. We will begin reporting to these measures in FY 2010.
- The EC Program has begun development of a performance-based allocation methodology. This new methodology will use the information reported in our revised performance measures to determine the distribution of base funds to the regions.

Working with non-traditional partners, such as the pharmaceutical industry, the FWS launched a nationwide educational campaign about the proper disposal of unused and expired medications, called SMARxT Disposal™. This campaign promotes the placement of medications into the trash instead of flushing them down the toilet or pouring them down the drain. The proper disposal of medication helps to further protect our trust resources from unwanted chemicals in our waterways.

Restoration of Trust Resources

The Service is a key member of the Department of the Interior's (DOI) Restoration Program (NRDAR – Natural Resource Damage Assessment and Restoration). NRDAR's mission is to restore natural resources injured as a result of oil spills or hazardous substance releases into the environment. The FWS's Environmental Contaminants Program provides leadership in development of DOI Program guidance and participates in 99.5% of all damage assessment cases funded by the Departmental Program. In cooperation with State, Tribal and federal co-trustees, EC staff investigate injuries resulting from releases of hazardous material and oil spills. During the investigation EC staff determine the extent of injury, play a key role in settlement negotiations with responsible parties, and work with interested local, State and national groups to carry out restoration projects that address the injury to fish, wildlife, and supporting habitat. In 2008, using NRDAR funds from the Atchison, Topeka, Santa Fe Railroad settlement, along with North American Wetlands Conservation Act grants, the Service mobilized partners, including the State of New Mexico, Audubon, and The Nature Conservancy, to restore and protect over 225 acres of playa wetlands and uplands, which created habitat for lesser prairie-chicken (a candidate species), mallard, northern pintail, and American widgeon and 21 non-game migratory bird species. Since 1992, the EC Program has used approximately \$70 million in competitive funding from the DOI Restoration Program, in conjunction with Service appropriated funds, to obtain settlements in excess of \$785 million

primarily for restoration of injured natural resources. This is an 11 to 1 return on investment to date and more settlements are in process. These dollars have drawn partners that together have restored or enhanced the quality habitats described in the NRDAR sidebar. The Program plans to continue this successful strategy in FY 2011.

2011 Program Performance

The EC Program will continue to focus on three critical areas: (1) **identifying and assessing** contaminant effects on species and habitats; (2) **preventing** fish, wildlife, and their habitats from exposure to hazardous levels of contaminants; and (3) **restoring** habitats and DOI trust resources injured by contaminants.

Identifying and Assessing the Effects of Contaminants

The EC Program will ensure that the Service remains a leader in fish and wildlife toxicology issues. We will continue to:

- Work with our internal and external partners including Refuges, Migratory Birds, Law Enforcement, Fisheries, Endangered Species, other federal, State, Tribal and non-federal partners to identify and reduce the risks of contaminants.
- Provide toxicological expertise on water quality criteria, pesticide registrations, pesticide use and other pest management practices.
- Complete 94 contaminant investigations, cleanups, and restorations on Refuges and 58 contaminant investigations off Service lands.
- Provide high quality analytical chemistry services to the Service and other DOI bureaus, through our ACF. We will re-evaluate our long-term analytical contracts and increase the number of labs for specific chemical analyses.
- Incorporate global climate change into our contaminant evaluations. For FY 2010, we changed our contaminant investigation proposal scoring process by adding points for projects that address contaminant issues that have emerged with global climate change (e.g., increase transport by changing wind and water currents or re-suspension of buried contaminants via erosion or melting ice). We will continue this process in FY 2011.

Preventing Trust Resources from Being Exposed to Contaminants

Environmental Contaminants biologists will continue to play a critical role in protecting the nation's resources by preventing contaminant-induced injury to fish, wildlife, plants and their habitats. Prevention precludes the considerable costs associated with investigation, remediation and restoration. We will continue to:

- Determine the impacts of proposed legislation, regulations, State water quality standards, permits, and licenses, including new licenses or permits for renewable energy initiatives from a contaminant perspective, and recommend how negative impacts might be prevented.
- Conduct national consultations to establish an effective, efficient, and consistent nation-wide approach to consultation on water quality criteria approved or promulgated by EPA.
- Promote SMARxT Disposal™, a nationwide educational campaign about the proper disposal of unused and expired medications, using internal and

2009 NRDAR Accomplishments Restored or Enhanced

4,208 Wetland acres
18,651 Upland acres
97 Stream miles

Since the EC Program began to focus more on damage assessment and restoration, benefits to fish, wildlife, and habitat from NRDAR activities have accrued rapidly.

external outreach and engaging more supporter groups. We will continue to work with our pharmaceutical partners to coordinate with chain pharmacies for campaign promotion.

- Solidify our prevention message and express it in plain language for our many stakeholder audiences, including Congress and the public. Many of the public events we engage in support the Service's connecting youth with nature initiative, including Earth Day, Nation's River Bass Tournament at National Harbor, and kids' fishing at Constitution Gardens.
- Provide leadership for the Service's cross-programmatic pollinator conservation education program. Pollinator numbers are declining and pesticides may contribute to this decline. The goal of this program is to increase the amount of quality habitat available to birds, bees, butterflies and other beneficial insects by encouraging private citizens to develop pollinator gardens, by promoting pollinator conservation in Service management practices, and incorporating pollinator messages in connecting youth with nature programs.

Restoration of Trust Resources

The Service will remain a key member of the Department of the Interior's Restoration Program (NRDAR), providing leadership in development of Program guidance. Using an estimated \$5.0 million from this Departmental program, we will continue to focus on restoration in partnership with States and Tribes. We will continue to concentrate on the Service's priorities of strategic habitat conservation and landscape level conservation when implementing restoration projects.

Treasured Landscapes/Ecosystem Protection

The additional funding for 2011 will allow the Environmental Contaminants Program to support our trust resources in 3 unique geographic ecosystems.

- The funding for the Everglades will allow us to support the restoration of approximately 500 wetland acres.
- The funding for the Chesapeake Bay will allow us to conduct 13 contaminant actions for cooperative projects that benefit valuable fish and wildlife resources.
- The funding for the Gulf Coast Ecosystem will allow us to complete 5 more contaminant actions that benefit aquatic threatened and endangered species and restore an additional 500 wetland acres.

Efficiencies

We continue to streamline our processes and increase efficiencies.

- We restructured operations at the Service's Analytical Control Facility (ACF) co-located at the National Conservation Training Center, Shepherdstown, WV. The lab no longer processes field samples and has switched focus to contract labs, researching state-of-the-art labs and technologies, and adding new chemical testing. These positive changes reduced costs, streamlined processes, and met outstanding analytical needs of the field.
- We designed an Intranet-based Pesticide Use Proposal (PUP) Database that significantly increased the efficiency of managing the PUP workload nationwide. These savings will continue to accrue as this important Program addresses increasing threats from invasive species that accompany climate change.
- We are revising the spill response program. In deciding not to create a national strike team, we have an opportunity to increase efficiency by handling response at the field and regional level, saving funds and reducing FTE.

Program Performance Overview Table - Environmental Contaminants

Performance Goal	2006 Actual	2007 Actual	2008 Actual	2009 Plan	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Long-term Target 2012
Watersheds and Landscapes										
1.1.2 # miles of FWS riparian (stream/shoreline) (including marine and coastal) habitats restored through NRDA	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
1.2.3 # of FWS riparian (stream/shoreline) (including marine and coastal) miles managed or protected through NRDA	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
1.2.4 # of FWS riparian (stream/shoreline) (including marine and coastal) miles managed or protected through contaminant actions	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
2.1.4 # of FWS wetland acres enhanced/restored through NRDA - annual	n/a	n/a	n/a	n/a	n/a	156	156	156	0	156
2.2.2 # of FWS upland acres enhanced/restored through NRDA - annual	n/a	n/a	n/a	n/a	n/a	84	84	84	0	84
2.3.4 # of FWS coastal and marine acres restored through NRDA	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
2.4.5 # of FWS wetland acres managed or protected through contaminant actions - annual	unk	6,019,590	13,821,443	2,583,718	2,699,337	unk	unk	1,000	unk	1,000
Comments:	The additional 1,000 acres managed or protected is a result of the \$175,000 increase for "Treasured Landscapes - Everglades" and for the \$250,000 increase for "Treasured Landscapes - Gulf Coast."									

Performance Goal	2006 Actual	2007 Actual	2008 Actual	2009 Plan	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Long-term Target 2012
2.4.6 # of FWS wetland acres managed or protected through NRDA - annual	n/a	n/a	n/a	n/a	n/a	945	945	945	0	945
2.5.5 # of FWS upland acres managed or protected through contaminant actions - annual	n/a	6,003,291	5,824,773	105,424	314,608	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
2.5.6 # of FWS upland acres managed or protected through NRDA - annual	n/a	n/a	n/a	n/a	n/a	2,045	2,045	2,045	0	2,045
2.6.3 # of FWS coastal and marine acres managed or protected through NRDA	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
2.9.5 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting FWS lands	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
3.1.4 # of non-FWS riparian (stream/shoreline) miles enhanced/restored through NRDA - annual (GPRA)	42	171	391	51	97	111	111	111	0	111
3.2.3 # of non-FWS riparian (stream/shoreline) miles managed or protected through NRDA - annual (GPRA)	2,095	157	469	484	383	325	325	324	(1) (-0.2%)	324

Performance Goal	2006 Actual	2007 Actual	2008 Actual	2009 Plan	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Long-term Target 2012
4.1.3 # of non-FWS wetland acres enhanced/restored through NRDA - annual (GPRA)	10,506	4,967	21,593	1,387	3,601	1,882	1,882	1,882	0	1,882
4.2.3 # of non-FWS upland acres enhanced/restored through NRDA - annual (GPRA)	2,897	5,962	3,289	3,333	18,010	1,286	1,286	1,286	0	1,286
4.3.5 # of non-FWS coastal/marine acres restored/enhanced through NRDA - (GPRA)	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
4.4.4 # of non-FWS wetland acres managed or protected through technical assistance, including partnerships - annual (GPRA)	unk	30,042,521	7,054,413	17,647	144,021	unk	unk	unk	unk	unk
Comments:	This performance measure will be discontinued beginning in FY10.									
4.4.5 # of non-FWS wetland acres managed or protected through NRDA - annual (GPRA)	11,477	2,400	8,579	3,763	1,720,669	39,603	39,603	39,603	0	39,603
4.5.2 # of non-FWS upland acres managed or protected through NRDA - annual (GPRA)	2,116	7,696	13,138	7,136	5,625	6,497	6,497	6,497	0	6,497
4.6.6 # of non-FWS coastal/marine acres managed or protected through NRDA -annual (GPRA)	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
4.7.17 # of technical assistance activities provided to other Federal/State/Local and/or partners	n/a	n/a	2,276	2,161	2,367	n/a	n/a	n/a	n/a	n/a
Comments:	This performance measure will be discontinued beginning in FY10.									

Performance Goal	2006 Actual	2007 Actual	2008 Actual	2009 Plan	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Long-term Target 2012
4.8.4 # of Natural Resource Damage Assessment and Restorations in progress	266	501	n/a	n/a	n/a	208	208	208	0	208
4.8.5 # contaminant actions benefiting other Federal/State/Local agencies and/or partners	n/a	n/a	n/a	n/a	n/a	unk	unk	13	unk	13
Comments:	This is a new performance measure for FY10 and no previous performance data is available. The increase in 13 contaminant actions is a result of the \$185,000 increase for "Treasured Landscapes - Chesapeake Bay."									

Sustaining Biological Communities

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	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
6.1.8 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting migratory birds	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
7.11.5 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting listed species	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									

Performance Goal	2006 Actual	2007 Actual	2008 Actual	2009 Plan	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Long-term Target 2012
7.15.4 # of completed contaminant investigations -- Off Service lands	n/a	40	46	48	39	n/a	n/a	n/a	n/a	n/a
Comments:	This performance measure will be discontinued beginning in FY10.									
7.15.5 # of Clean Water Act activities (NPDES, TMDLs, Triennial Reviews)	n/a	6,038	1,631	1,292	2,193	n/a	n/a	n/a	n/a	n/a
Comments:	This performance measure will be discontinued beginning in FY10.									
7.15.6 # of Section 7 Consultations Pesticides -- Off Service lands - State and EPA consultations and technical assistance	n/a	398	127	132	171	n/a	n/a	n/a	n/a	n/a
Comments:	This performance measure will be discontinued beginning in FY10.									
7.15.7 # of Section 7 Consultations CWA -- Off Service lands - State and EPA consultations and technical assistance	n/a	1,088	296	283	321	n/a	n/a	n/a	n/a	n/a
Comments:	This performance measure will be discontinued beginning in FY10.									
7.19.5 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting listed species	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
7.21.6 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting aquatic listed species	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	5	unk	5
Comments:	This is a new performance measure for FY10 and no previous performance data is available. The increase in 5 contaminant actions is a result of the \$250,000 increase for "Treasured Landscapes - Gulf Coast."									

Performance Goal	2006 Actual	2007 Actual	2008 Actual	2009 Plan	2009 Actual	2010 Plan	2011 Base Budget	2011 President's Budget Request	Program Change Accruing in 2011	Long-term Target 2012
9.1.7 # contaminant actions (e.g., spill drills & responses, investigations, cleanup, assessments, technical assistance, & Clean Water Act activities) benefiting marine mammals	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
9.3.5 % of completed amphibian monitoring actions on Refuge lands	n/a	n/a	n/a	n/a	n/a	Est. B/L	unk	unk	unk	unk
Comments:	This is a new performance measure and the FWS will establish a baseline in FY10.									
Improve Recreational Opportunities for America										
15.8.4 # of non-FWS river, trail and shoreline miles for recreational opportunities made available through NRDA restorations - annual (GPRA)	n/a	3	260	328	319	281	281	281	0	281
15.8.9 # of non-FWS acres of recreational opportunities made available through NRDA restorations - annual (GPRA)	n/a	4	1,157	1,877	2,477	1,461	1,461	1,461	0	1,461
18.1.13 # Contaminant actions to Tribes for NRDAR, Restoration, CWA, Pesticides	n/a	46	153	136	151	Est. B/L	unk	111	unk	111
Comments:	This performance measure was revised and the FWS will establish a baseline in FY10.									

Note: 2011 Base Budget is equal to 2010 Plan (enacted level) plus fixed cost (absorbed).

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