

461 - Department of Ecology

A001 Clarify Water Rights

The agency provides support for water rights adjudication. Adjudication is fundamental to sound water management by increasing certainty regarding the validity and extent of water rights and reducing water conflicts. It is a judicial determination of existing water rights and claims, including federal, tribal, and non-tribal claims. The current focus is completing the Yakima River Basin surface water adjudication and pre-adjudication work in the Spokane area and Colville watershed.

Account	FY 2010	FY 2011	Biennial Total
FTE	12.7	12.7	12.7
001 General Fund			
001-1 State	\$1,217,000	\$1,200,000	\$2,417,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Achieve sustainable use of public natural resources

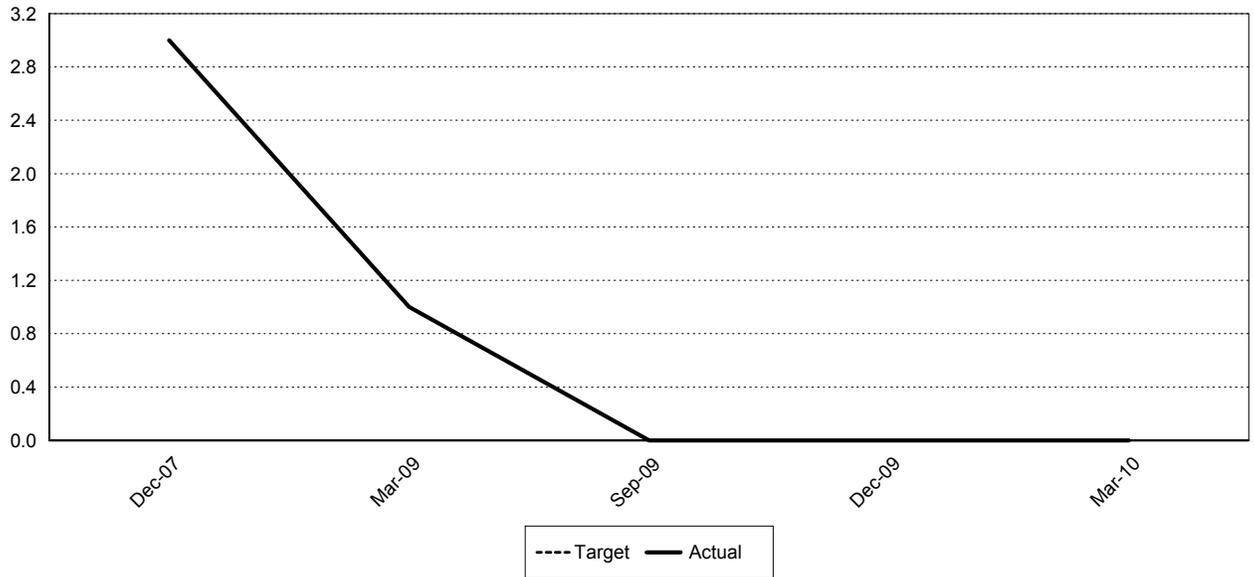
Expected Results

Increased water rights certainty and reduced conflict. Major uncertainty regarding the validity and extent of water rights in the Yakima Basin is removed. Water rights documents (certificates, claims, permits, etc.) in the Spokane Basin will be reviewed to prepare for anticipated adjudication proceedings with Idaho.

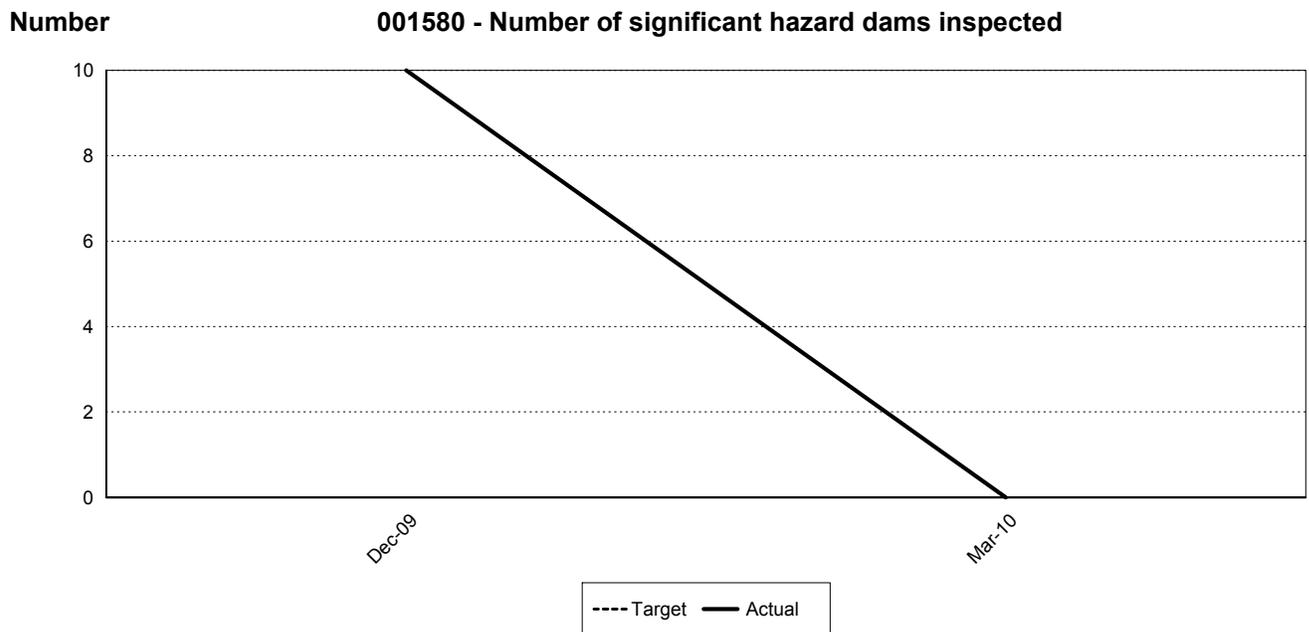
001572 Number of Tribal water right settlement processes initiated.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	0	
	Q2	0	
	Q1	0	
2007-09	Q8		
	Q7	1	
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	3	
	Q1		

Number

001572 - Initiate Tribal water right settlement processes



001580 Number of significant hazard dams inspected.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	0	
	Q2	10	
	Q1		



A002 Administration

The administration activity supports agency functions by providing leadership, cross-program support, and staff presence throughout the state. Administration manages the agency's long-term financial health and provides information to support sound decision-making and resource management by managers. Communication, education, and outreach tools play a major role in protecting and improving the environment. Administration staff serve as liaisons to Congress, the state Legislature, local governments, businesses, Indian tribes, and environmental and citizen groups. Administration helps managers and employees create a safe, supportive, and diverse work environment by providing comprehensive human resource services. It also oversees information management (desktop and network services, application development, and data administration) and facility and vehicle management; maintains the agency's centralized records and library resources; responds to public records requests; and provides mail services.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	213.0	197.3	205.2
219 Air Operating Permit Account			
219-1 State	\$220,000	\$205,000	\$425,000
216 Air Pollution Control Account			
216-1 State	\$89,000	\$93,000	\$182,000
199 Biosolids Permit Account			
199-1 State	\$127,000	\$119,000	\$246,000
11J Electronic Products Recycling Account			
11J-6 Non-Appropriated	\$35,000	\$51,000	\$86,000
02P Flood Control Assistance Account			
02P-1 State	\$125,000	\$116,000	\$241,000
10A Freshwater Aquatic Algae Control Account			
10A-1 State	\$6,000	\$6,000	\$12,000
222 Freshwater Aquatic Weeds Account			
222-1 State	\$30,000	\$28,000	\$58,000
001 General Fund			
001-1 State	\$7,000,000	\$6,325,000	\$13,325,000
001-2 Federal	\$3,835,000	\$3,589,000	\$7,424,000
001-7 Private/Local	\$54,000	\$56,000	\$110,000
001 Account Total	\$10,889,000	\$9,970,000	\$20,859,000
207 Hazardous Waste Assistance Account			
207-1 State	\$433,000	\$403,000	\$836,000
072 State and Local Improvements Revolving Account (Water Supply Facilities)			
072-1 State	\$36,000	\$34,000	\$70,000
174 Local Toxics Control Account			
174-1 State	\$455,000	\$427,000	\$882,000
217 Oil Spill Prevention Account			
217-1 State	\$746,000	\$690,000	\$1,436,000
223 Oil Spill Response Account			
223-1 State	\$12,000	\$11,000	\$23,000
16T Product Stewardship Programs Account			
16T-6 Non-Appropriated	\$0	\$4,000	\$4,000
027 Reclamation Revolving Account			
027-1 State	\$204,000	\$192,000	\$396,000

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
125 Site Closure Account			
125-1 State	\$45,000	\$42,000	\$87,000
173 State Toxics Control Account			
173-1 State	\$6,409,000	\$6,571,000	\$12,980,000
173-7 Private/Local	\$37,000	\$33,000	\$70,000
173 Account Total	\$6,446,000	\$6,604,000	\$13,050,000
182 Underground Storage Tank Account			
182-1 State	\$255,000	\$237,000	\$492,000
044 Waste Reduction/Recycling/Litter Control			
044-1 State	\$621,000	\$553,000	\$1,174,000
727 Water Pollution Control Revolv Acct			
727-1 State	\$34,000	\$42,000	\$76,000
727-2 Federal	\$131,000	\$163,000	\$294,000
727 Account Total	\$165,000	\$205,000	\$370,000
176 Water Quality Permit Account			
176-1 State	\$2,583,000	\$2,398,000	\$4,981,000
16V Water Rights Processing Account			
16V-1 State	\$0	\$14,000	\$14,000
10G Water Rights Tracking System Account			
10G-1 State	\$9,000	\$9,000	\$18,000
160 Wood Stove Education and Enforcement Account			
160-1 State	\$8,000	\$8,000	\$16,000
163 Worker and Community Right-to-Know Account			
163-1 State	\$128,000	\$121,000	\$249,000

Statewide Result Area: Improve the quality of Washington's natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Agency managers, the Governor, the State Auditor, the Office of Financial Management (OFM), and the Legislature have confidence in Ecology's financial information and can use it to make decisions affecting the environment. The public is educated about Ecology's work and role in environmental protection and understands the policies the agency is developing and the opportunities available to influence its decisions. Washington's environmental laws and rules are improved through Ecology's relationships with legislators, local governments, businesses, Indian tribes, and environmental and citizen groups. Ecology managers and supervisors possess the highest-quality communication, performance management, hiring, and leadership skills. The Ecology work environment reflects the diversity of the community it serves. Agency staff receives reliable, secure, and high-quality desktop support and network services. Customers have easy access to information. Facilities and vehicles are well-maintained, safe and efficient.

A003 Assess, Set, and Enhance Instream Flows

The agency evaluates and sets instream flows that are fundamental to water resources management. Instream flows are used to determine how much water needs to remain in streams to meet environmental needs, how much can be allocated, and when to regulate junior water users based on flow levels. The agency acquires water and uses other management techniques to restore and protect flows, while meeting out-of-stream needs.

Account	FY 2010	FY 2011	Biennial Total
FTE	18.8	18.2	18.5
001 General Fund			
001-1 State	\$1,961,000	\$1,908,000	\$3,869,000
001-7 Private/Local	\$65,000	\$65,000	\$130,000
001 Account Total	\$2,026,000	\$1,973,000	\$3,999,000
027 Reclamation Revolving Account			
027-1 State	\$77,000	\$75,000	\$152,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

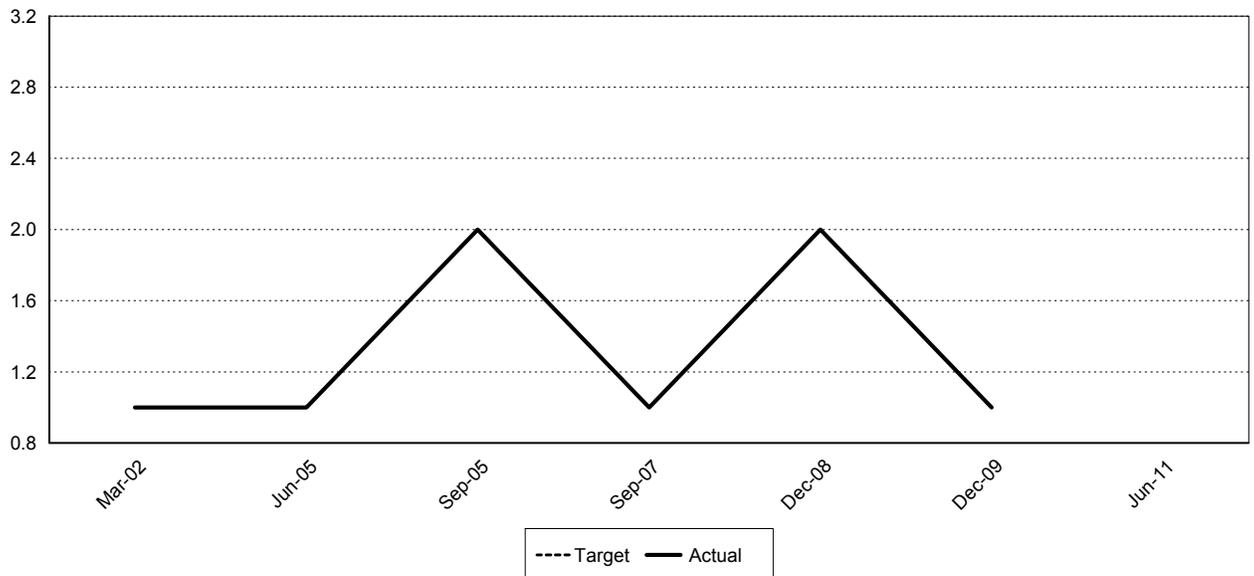
Expected Results

Water availability is determined and water is sustained for current and future needs. Increased setting and enhancement of instream flows in critical water basins to benefit people, fish, farming and the environment. Four instream flows are set (Walla Walla, Wenatchee, Lewis, Salmon-Washougal) working with local watershed groups and critical basins not engaged in watershed planning.

001567 Number of instream flow rules adopted			
Biennium	Period	Actual	Target
2009-11	Q8		3
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	1	
	Q1		
2007-09	Q8		
	Q7		
	Q6	2	
	Q5		
	Q4		
	Q3		
	Q2		
	Q1	1	
2005-07	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1	2	

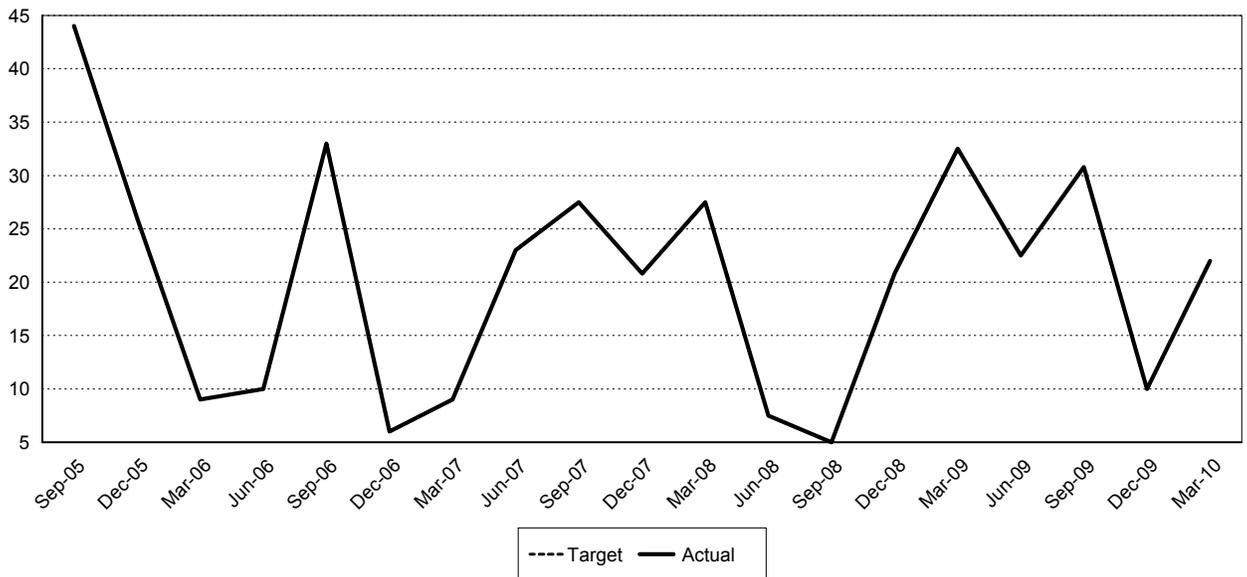
Number

001567 - Number of instream flow rules adopted



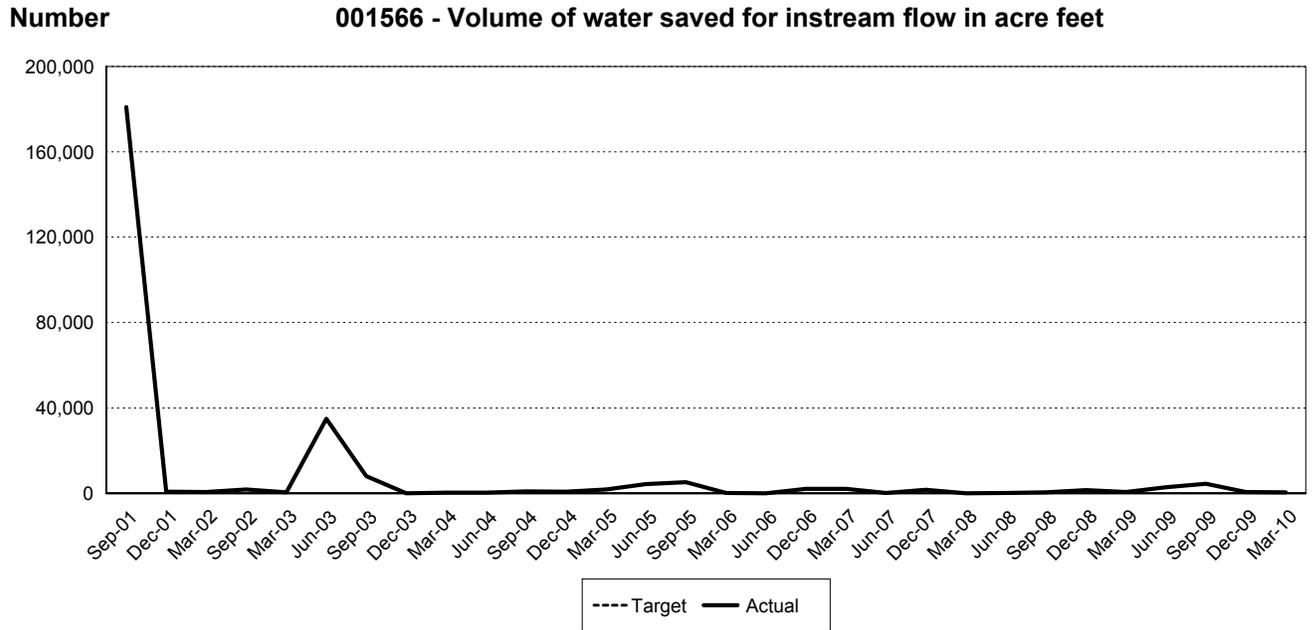
001155 Percent of monitored stream flows below critical flow levels.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	22%	
	Q2	10%	
	Q1	30.8%	
2007-09	Q8	22.5%	
	Q7	32.5%	
	Q6	20.8%	
	Q5	5%	
	Q4	7.5%	
	Q3	27.5%	
	Q2	20.8%	
	Q1	27.5%	
2005-07	Q8	23%	
	Q7	9%	
	Q6	6%	
	Q5	33%	
	Q4	10%	
	Q3	9%	
	Q2	26%	
	Q1	44%	

Percent 001155 - Percent of monitored stream flows below critical flow levels



001566 Volume of water saved for instream flow in acre feet

Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	387.3	
	Q2	617.95	
	Q1	4,403.65	
2007-09	Q8	2,816.81	
	Q7	605.37	
	Q6	1,530	
	Q5	415	
	Q4	114.28	
	Q3	51	
	Q2	1,651	
	Q1		
2005-07	Q8	90.39	
	Q7	2,099.67	
	Q6	2,008.67	
	Q5		
	Q4	9.2	
	Q3	152	
	Q2		
	Q1	5,220	



A005 Clean up the Most Contaminated Sites First (Upland and Aquatic)

The Department of Ecology protects public health and natural resources by cleaning up and managing contaminated upland sites and contaminated sediments in the aquatic environment. For upland sites, resources are first focused on cleaning up contaminated sites that pose the greatest risk to public health and the environment. These include sites where contamination threatens drinking water, exists in a large quantity, is very toxic, may affect a water body, or may affect people that are living, working, or recreating near the site. Contamination may be in the soil, sediments, underground water, air, drinking water, and/or surface water. For sediment sites, this includes addressing the environmental health of aquatic sediments in source control permits, managing sediment standards and regulations, and maintaining a sediment information database. The agency also manages multi-agency sediment cleanup projects. The clean up of contaminated aquatic sediments reduces toxic contamination in food fish and protects the aquatic environment. The clean up of these sites protects public health, safeguards the environment, and promotes local economic development by making land available for new industries and other beneficial uses.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	124.0	124.0	124.0
001 General Fund			
001-2 Federal	\$2,373,000	\$2,355,000	\$4,728,000
001-7 Private/Local	\$1,500,000	\$1,500,000	\$3,000,000
001 Account Total	\$3,873,000	\$3,855,000	\$7,728,000
174 Local Toxics Control Account			
174-1 State	\$650,000	\$646,000	\$1,296,000
173 State Toxics Control Account			
173-1 State	\$15,220,000	\$15,424,000	\$30,644,000
173-7 Private/Local	\$155,000	\$154,000	\$309,000
173 Account Total	\$15,375,000	\$15,578,000	\$30,953,000
176 Water Quality Permit Account			
176-1 State	\$581,000	\$571,000	\$1,152,000

Statewide Result Area: Improve the quality of Washington's natural resources

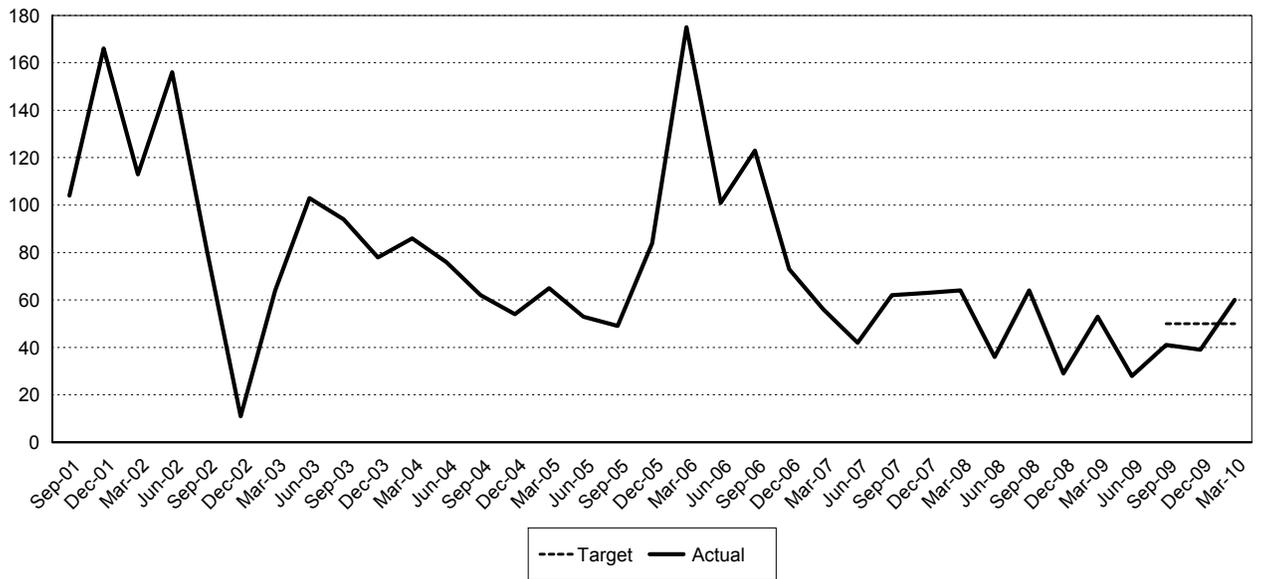
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Public and environmental health is protected. Cleaned sites are ready for redevelopment and job creation. The number of highly contaminated sites cleaned up increase by three percent each year. The number of sites with cleanup actions in progress will increase.

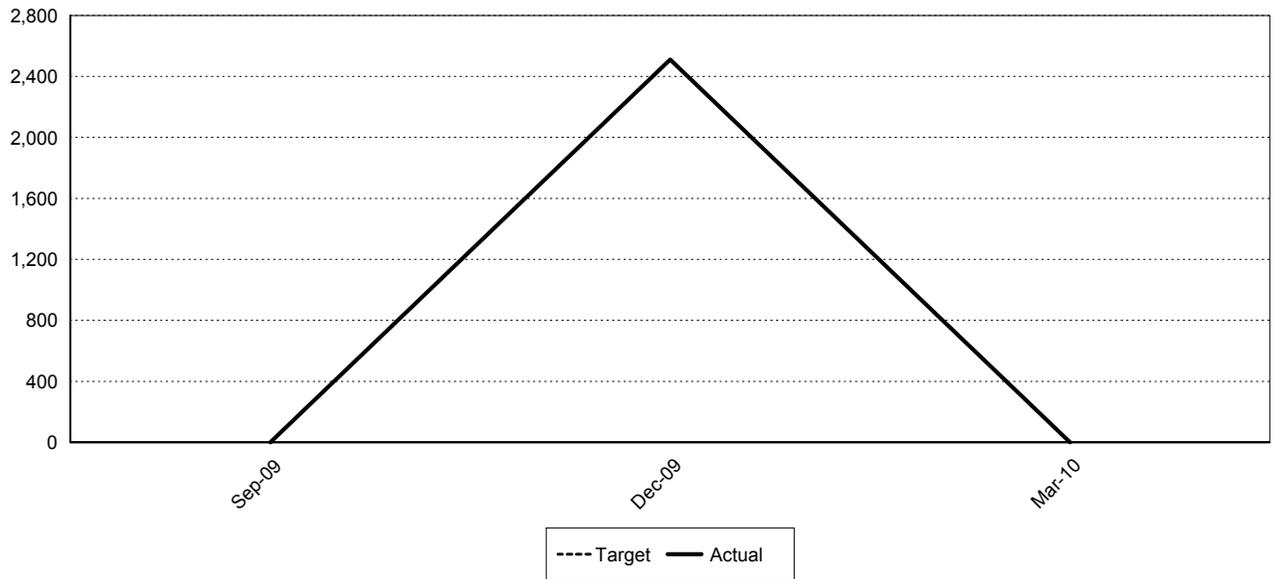
001501 Number of known toxics-contaminated sites with cleanup actions completed.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	60	50
	Q2	39	50
	Q1	41	50
2007-09	Q8	28	
	Q7	53	
	Q6	29	
	Q5	64	
	Q4	36	
	Q3	64	
	Q2	63	
	Q1	62	
2005-07	Q8	42	
	Q7	56	
	Q6	73	
	Q5	123	
	Q4	101	
	Q3	175	
	Q2	84	
	Q1	49	

Number 001501 - Number of known toxics-contaminated sites with cleanup actions completed



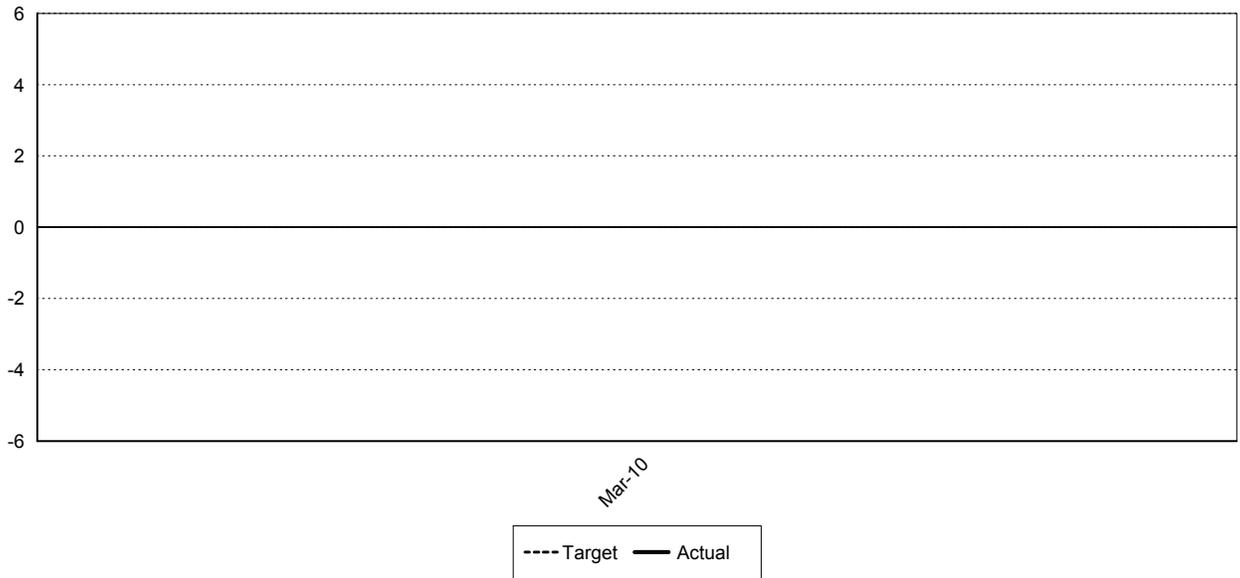
001514 Estimated acreage with cleanup actions in process.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	0	
	Q2	2,511	
	Q1	0.2	

Number **001514 - Toxics: Estimated acreage with cleanup actions in process**



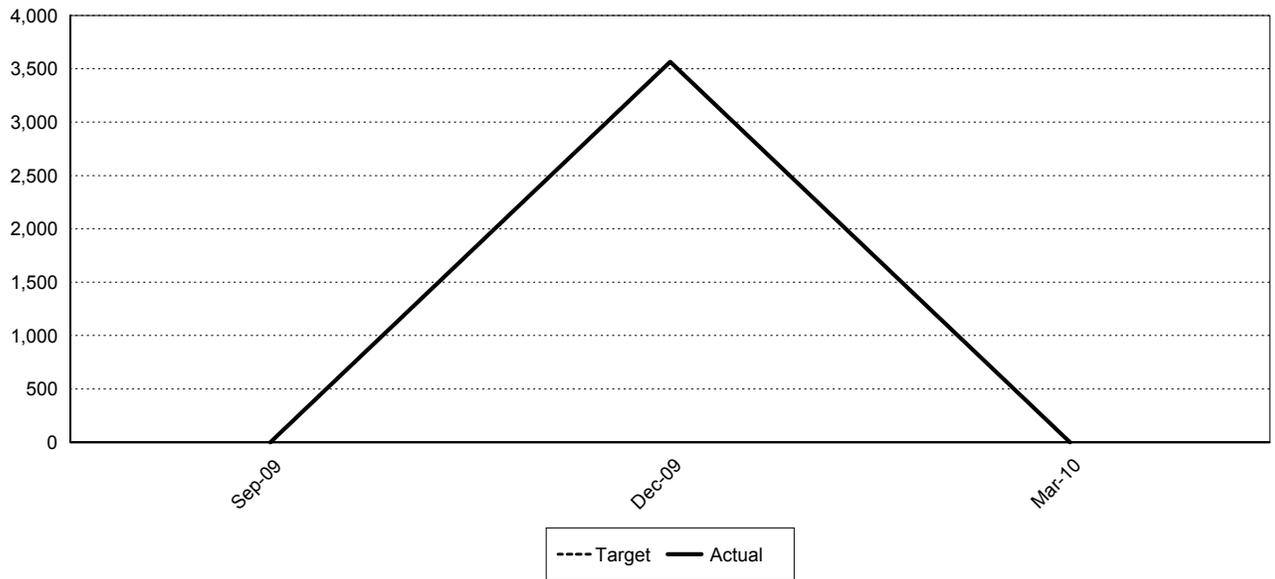
001516 Estimated sediment acreage evaluated of any interim/emergency actions completed.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	0	
	Q2		
	Q1		

Number 001516 - Toxics: Estimated sediment acreage evaluated of any interim/emergency actions completed



001515 Estimated sediment acreage with cleanup actions completed.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	0	
	Q2	3,566	
	Q1	0.3	

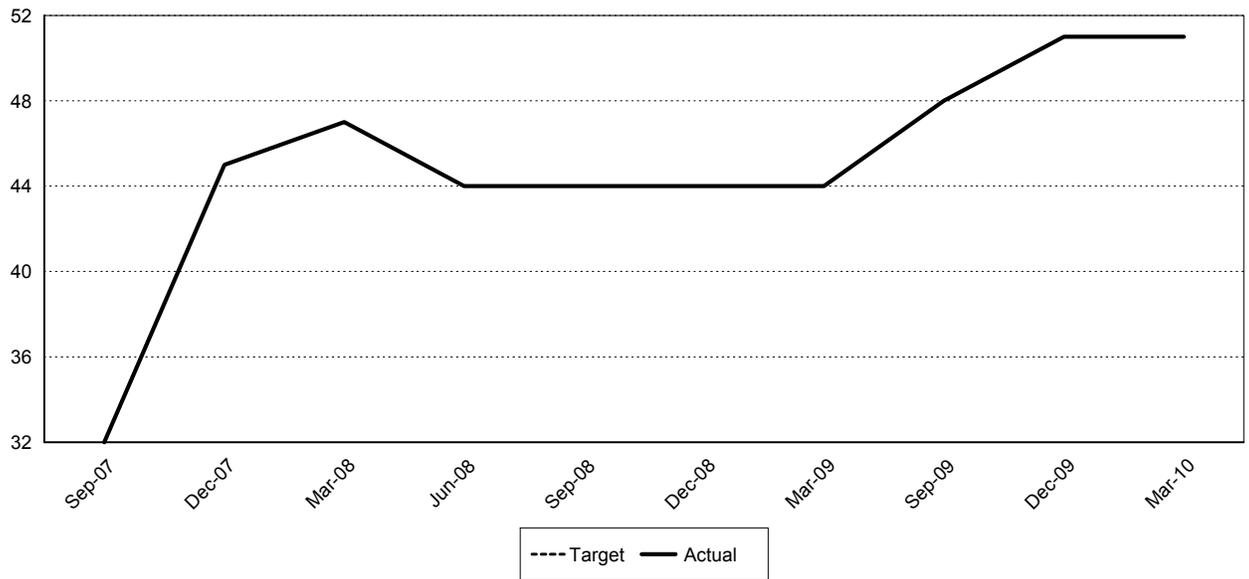
Number 001515 - Toxics: Estimated sediment acreage with cleanup actions completed



001508 Number of Puget Sound contaminated sites where cleanup has begun (cumulative).

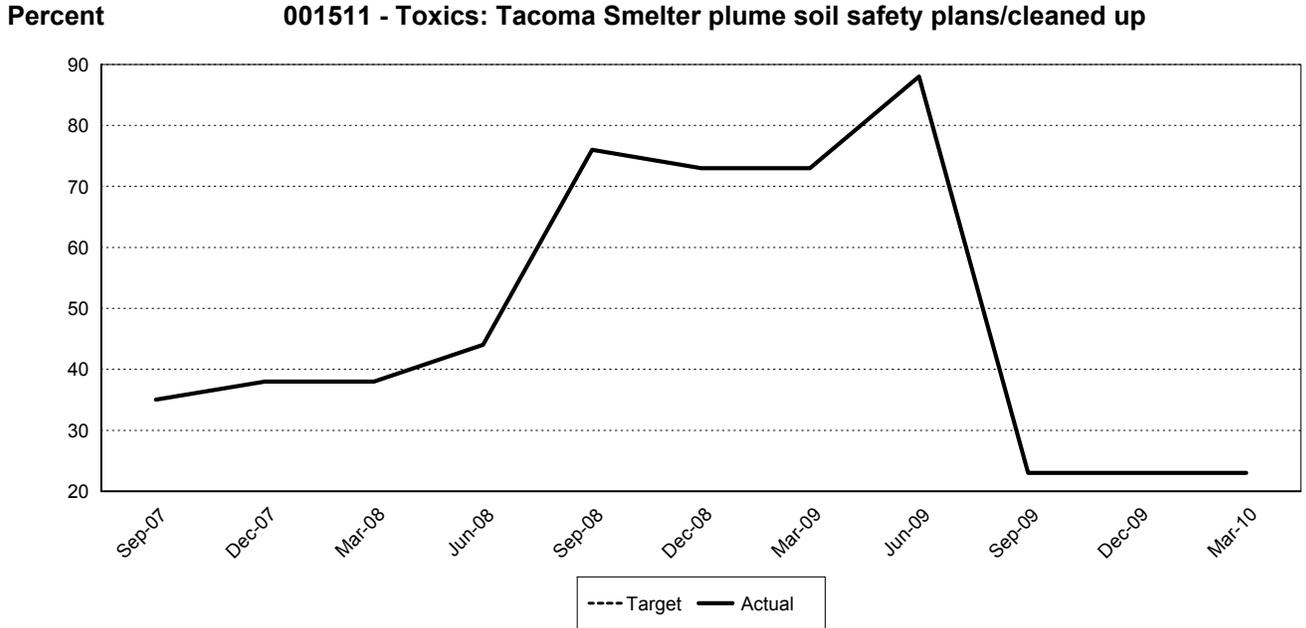
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	51	
	Q2	51	
	Q1	48	
2007-09	Q8		
	Q7	44	
	Q6	44	
	Q5	44	
	Q4	44	
	Q3	47	
	Q2	45	
	Q1	32	

Number 001508 - Toxics: Puget Sound cleanups begun



001511 Percent of the Tacoma Smelter Plume service area schools with completed soil safety plans and/or cleaned up.

Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	23%	
	Q2	23%	
	Q1	23%	
2007-09	Q8	88%	
	Q7	73%	
	Q6	73%	
	Q5	76%	
	Q4	44%	
	Q3	38%	
	Q2	38%	
	Q1	35%	



A006 Clean Up Polluted Waters

The federal Clean Water Act requires the agency to develop water quality standards and to identify water bodies that fail to meet those standards. The agency does this by reviewing thousands of water quality data samples and publishing an integrated water quality assessment report. This report lists the water bodies that do not meet standards. The agency then works with local interests to prepare water quality improvement reports to reduce pollution, establish conditions in discharge permits and nonpoint-source management plans, and monitor the effectiveness of the improvement report.

Account	FY 2010	FY 2011	Biennial Total
FTE	36.3	36.3	36.3
001 General Fund			
001-1 State	\$1,249,000	\$177,000	\$1,426,000
001-2 Federal	\$1,782,000	\$1,555,000	\$3,337,000
001 Account Total	\$3,031,000	\$1,732,000	\$4,763,000
173 State Toxics Control Account			
173-1 State	\$638,000	\$1,910,000	\$2,548,000
176 Water Quality Permit Account			
176-1 State	\$219,000	\$184,000	\$403,000

Statewide Result Area: Improve the quality of Washington’s natural resources

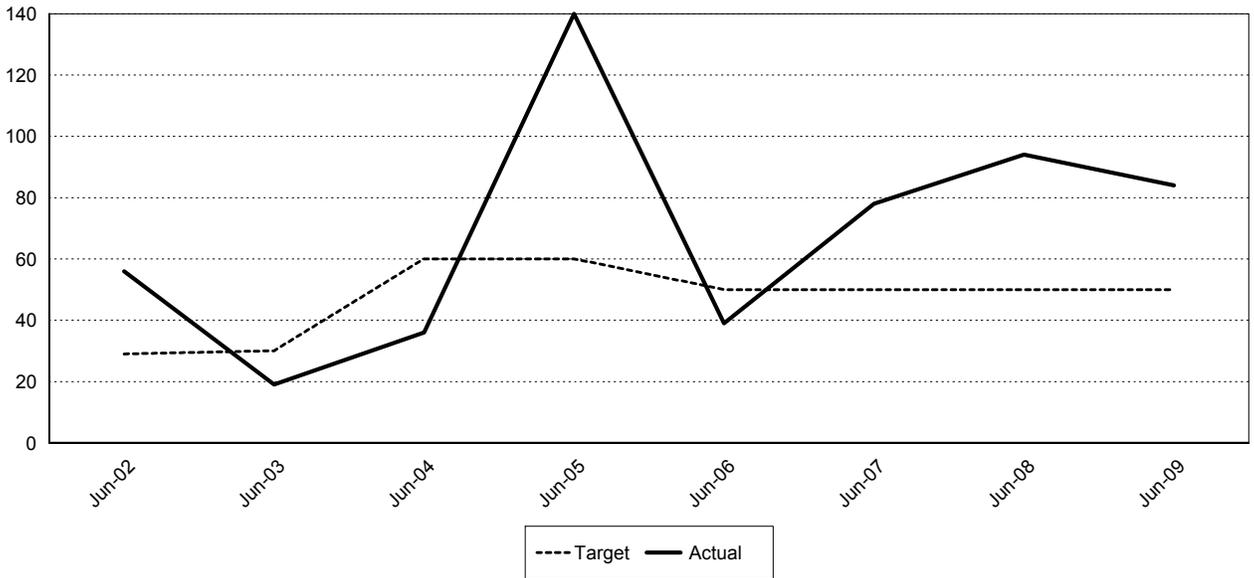
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Water quality improvement reports are in place to protect public health and the environment. 1,500 contaminated water body segments are managed on 650 water bodies (Washington's legal commitments specified in a Memorandum of Agreement prompted by a lawsuit). Fifty water improvement reports and associated technical reports are submitted each year to the Environmental Protection Agency. Local communities get help implementing water quality improvement reports. An updated list of marine water bodies failing to meet water quality standards is developed.

001553 Number of water quality cleanup plans submitted to the US Environmental Protection Agency			
Biennium	Period	Actual	Target
2009-11	A3		
	A2		
2007-09	A3	84	50
	A2	94	50
2005-07	A3	78	50
	A2	39	50

Number 001553 - Number of water quality improvement reports submitted to the US Environmental Protection Agency



A007 Conduct Environmental Studies for Pollution Source Identification and Control

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

The agency conducts pollution studies to address known or suspected problems at individual sites or across regional areas. These studies support agency efforts under the federal Clean Water Act, Water Pollution Control Act, and Model Toxics Control Act. The directed studies range from water quality sampling, such as for bacteria or dissolved oxygen, to more complex analyses for toxic chemicals, such as dioxins in fish tissues or pesticides in groundwater. Many of the studies are water clean-up studies, which calculate the total maximum daily load (TMDL) of a pollutant a water body can absorb without causing violations of water quality standards. As part of a lawsuit settlement, the agency entered into a Memorandum of Agreement with the Environmental Protection Agency that requires the agency to develop nearly 1,500 TMDLs by 2013. Study results are published in scientific reports used for regulatory decision-making, policy development, and environmental health protection.

Account	FY 2010	FY 2011	Biennial Total
FTE	47.3	47.3	47.3
001 General Fund			
001-1 State	\$1,198,000	\$1,181,000	\$2,379,000
001-2 Federal	\$1,839,000	\$1,828,000	\$3,667,000
001 Account Total	\$3,037,000	\$3,009,000	\$6,046,000
173 State Toxics Control Account			
173-1 State	\$1,061,000	\$1,055,000	\$2,116,000
176 Water Quality Permit Account			
176-1 State	\$2,258,000	\$2,230,000	\$4,488,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Scientific studies are conducted to assess pollution sources and environmental health. Resource managers have credible scientific information to inform decisions on pollution controls needed to protect environmental and public health. All study reports are peer reviewed, completed on schedule, and posted to the Internet.

A008 Control Stormwater Pollution

The agency prepares tools, provides assistance, and offers compliance strategies to control the quantity and quality of stormwater runoff from development and industrial activities. The agency currently provides training and assistance to communities and industries on stormwater manuals and the Western Washington hydrology model. The agency works with local governments and other stakeholders to implement a municipal stormwater program and permitting system.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	58.8	56.0	57.4
001 General Fund			
001-1 State	\$150,000	\$19,000	\$169,000
001-2 Federal	\$45,000	\$38,000	\$83,000
001-7 Private/Local	\$22,000	\$0	\$22,000
001 Account Total	\$217,000	\$57,000	\$274,000
258 Metals Mining Account			
258-1 State	\$7,000	\$7,000	\$14,000
173 State Toxics Control Account			
173-1 State	\$2,089,000	\$2,189,000	\$4,278,000
176 Water Quality Permit Account			
176-1 State	\$4,294,000	\$3,903,000	\$8,197,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

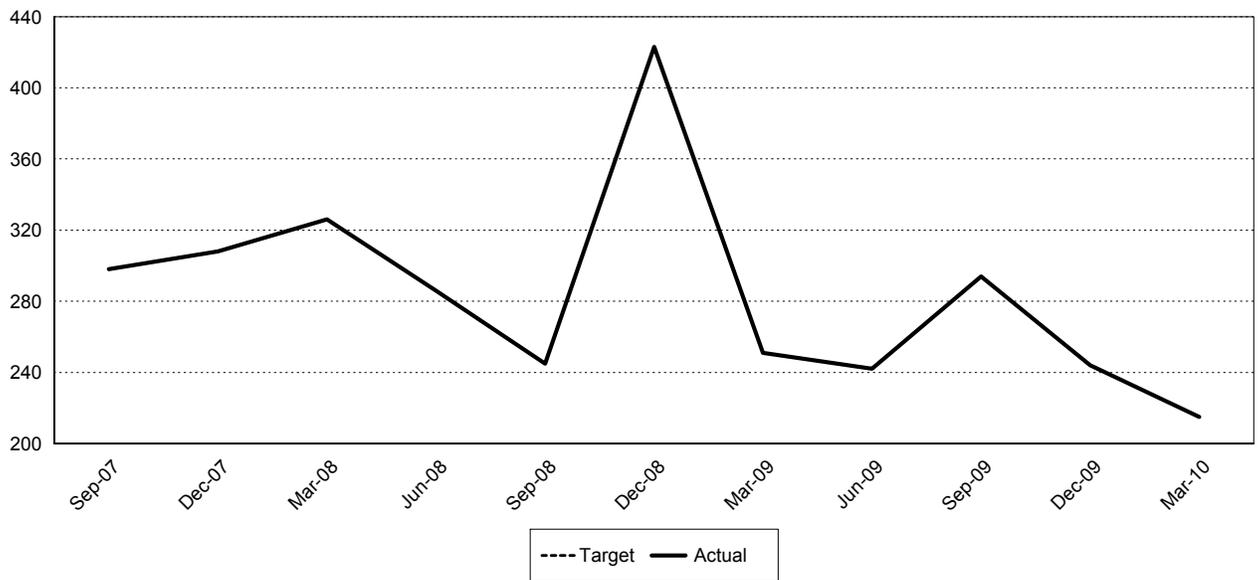
Expected Results

Reduced contamination of streams, rivers, estuaries, lakes, and groundwater due to stormwater runoff from roads and other impervious surfaces. 3,000 construction and industrial stormwater dischargers that require permits are managed. New permit applicants get a response within 60 days of application receipt. 120 municipal stormwater permits are managed. Permittees get web-based information and support for low-impact development, emerging treatment technologies, and permit technical assistance.

001557 Number of construction stormwater inspections			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	215	
	Q2	244	
	Q1	294	
2007-09	Q8	242	
	Q7	251	
	Q6	423	
	Q5	245	
	Q4	286	
	Q3	326	
	Q2	308	
	Q1	298	

Number

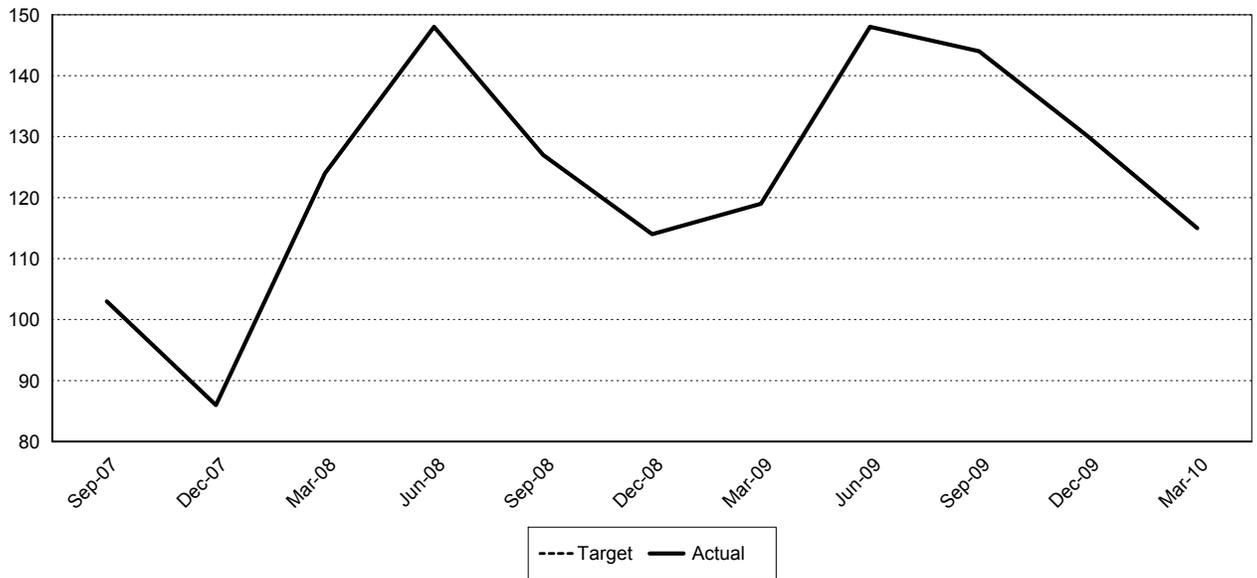
001557 - Construction stormwater inspections



001556 Number of industrial stormwater inspections			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	115	
	Q2	130	
	Q1	144	
2007-09	Q8	148	
	Q7	119	
	Q6	114	
	Q5	127	
	Q4	148	
	Q3	124	
	Q2	86	
	Q1	103	

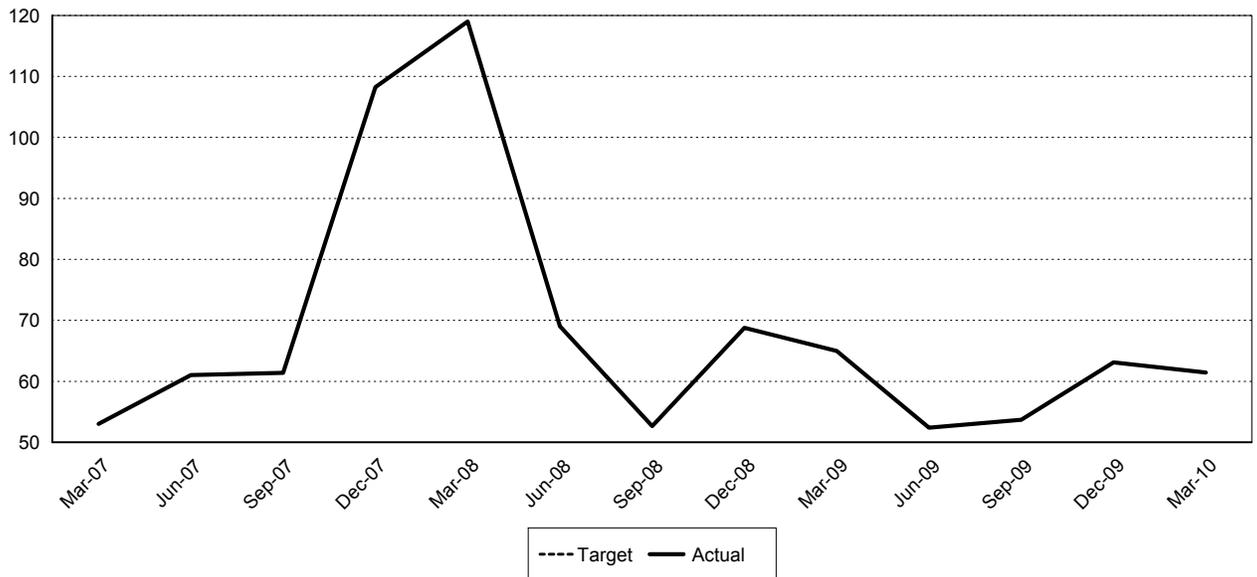
Number

001556 - Industrial stormwater inspections



001554 The mean number of days it takes to make final decisions on construction stormwater permits.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	61.44	
	Q2	63.1	
	Q1	53.67	
2007-09	Q8	52.41	
	Q7	64.98	
	Q6	68.75	
	Q5	52.65	
	Q4	69.03	
	Q3	119	
	Q2	108.23	
	Q1	61.38	
2005-07	Q8	61	
	Q7	53	
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number 001554 - Number of days to make construction stormwater permit decisions



A009 Eliminate Waste and Promote Material Reuse

In order to eliminate waste whenever possible and use the remaining waste as resources, this activity:

- * Provides technical assistance to local governments that operate recycling programs;
- * Studies barriers to construction material reuse;
- * Develops regulations to promote reuse of organic materials; and
- * Advises state and local governments on how to promote environmentally preferred purchasing.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	32.6	32.4	32.5
199 Biosolids Permit Account			
199-1 State	\$769,000	\$851,000	\$1,620,000
11J Electronic Products Recycling Account			
11J-6 Non-Appropriated	\$215,000	\$411,000	\$626,000
174 Local Toxics Control Account			
174-1 State	\$43,000	\$21,000	\$64,000
173 State Toxics Control Account			
173-1 State	\$346,000	\$354,000	\$700,000
044 Waste Reduction/Recycling/Litter Control			
044-1 State	\$4,669,000	\$3,799,000	\$8,468,000

Statewide Result Area: Improve the quality of Washington's natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

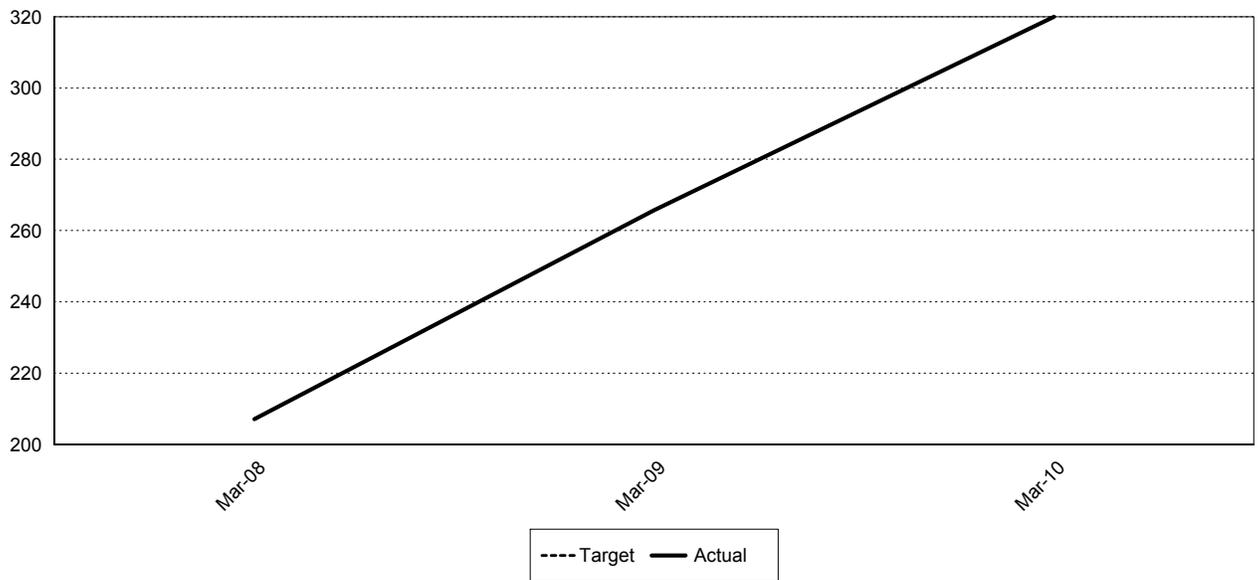
Solid waste generation per capita decrease, saving businesses and people money and saving resources for future generations.

- * Increased recovery and use of valuable materials from wastes.
- * Increased reuse of construction and demolition materials, organic matter, compost, and biosolids.
- * Decreased amount of wastes disposed of at waste disposal facilities.

001497 Dollar value of recyclables disposed (in millions)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	\$320	
	Q2		
	Q1		
2007-09	Q8		
	Q7	\$265.7	
	Q6		
	Q5		
	Q4		
	Q3	\$207.1	
	Q2		
	Q1		

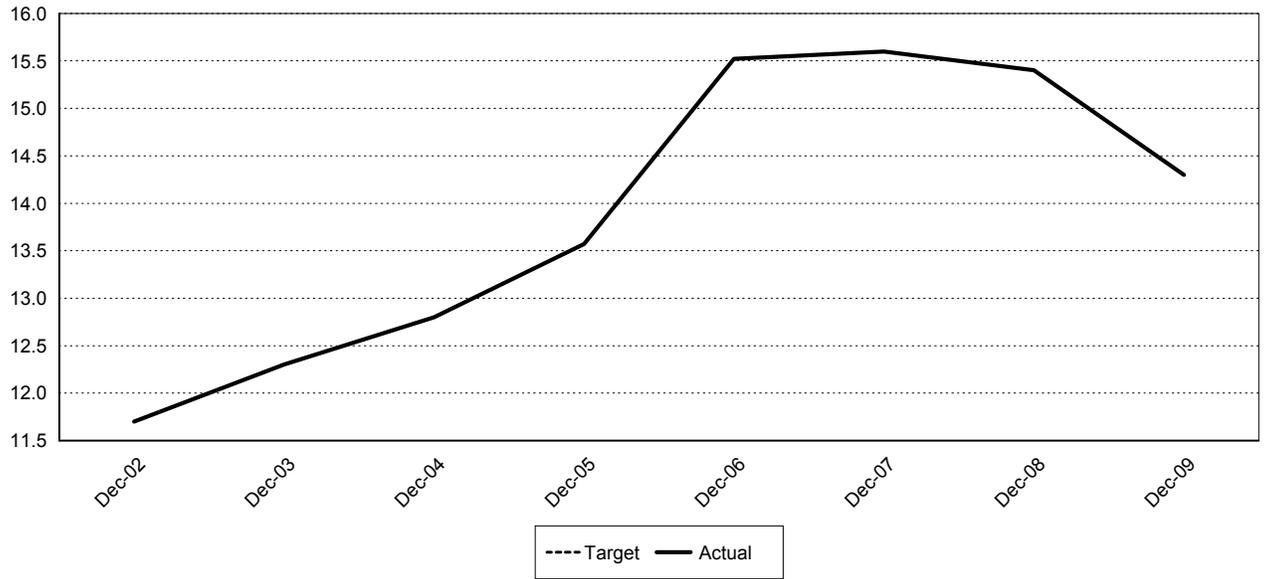
Dollars

001497 - Dollar value of recyclables disposed



001484 Million of tons of solid waste generated annually in Washington.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	14.3	
	Q1		
2007-09	Q8		
	Q7		
	Q6	15.4	
	Q5		
	Q4		
	Q3		
	Q2	15.6	
	Q1		
2005-07	Q8		
	Q7		
	Q6	15.52	
	Q5		
	Q4		
	Q3		
	Q2	13.57	
	Q1		

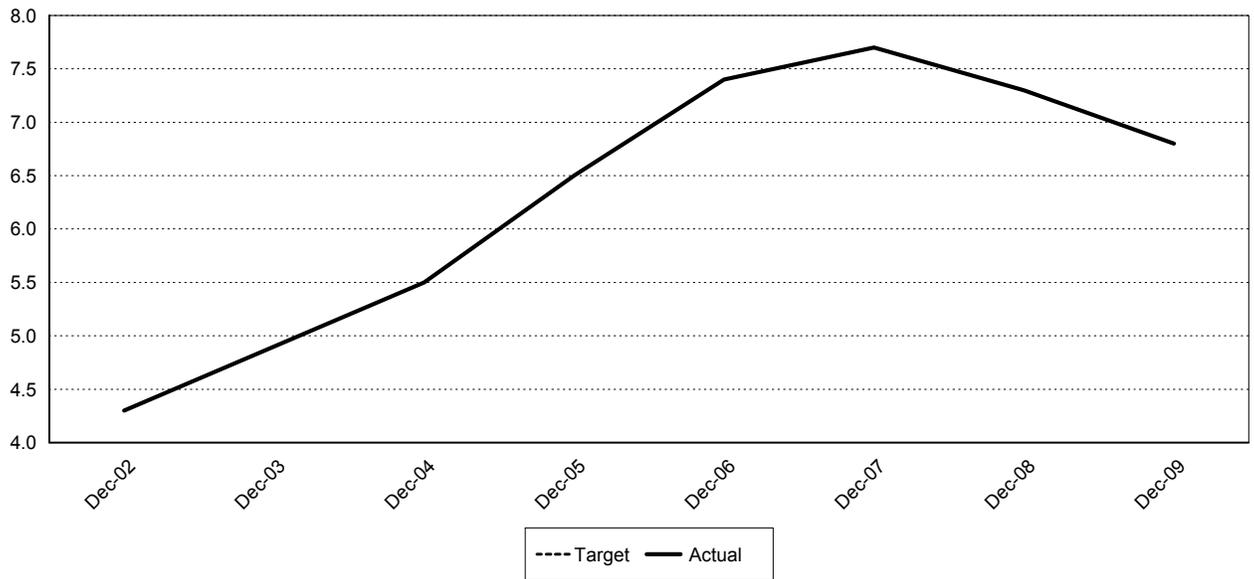
Number **001484 - Million of tons of solid waste generated annually in Washington**



001486 Millions of tons of materials reused or recycled annually.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	6.8	
	Q1		
2007-09	Q8		
	Q7		
	Q6	7.3	
	Q5		
	Q4		
	Q3		
	Q2	7.7	
	Q1		
2005-07	Q8		
	Q7		
	Q6	7.4	
	Q5		
	Q4		
	Q3		
	Q2	6.5	
	Q1		

Number

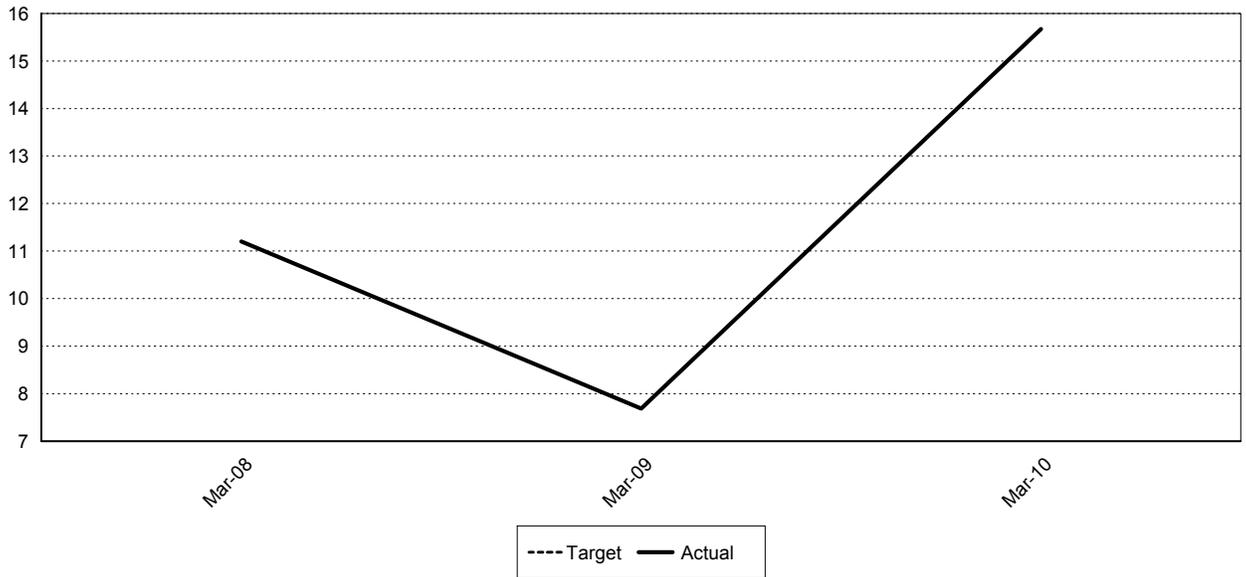
001486 - Millions of tons of materials reused or recycled annually



001498 Percent market share of green building projects in Washington.

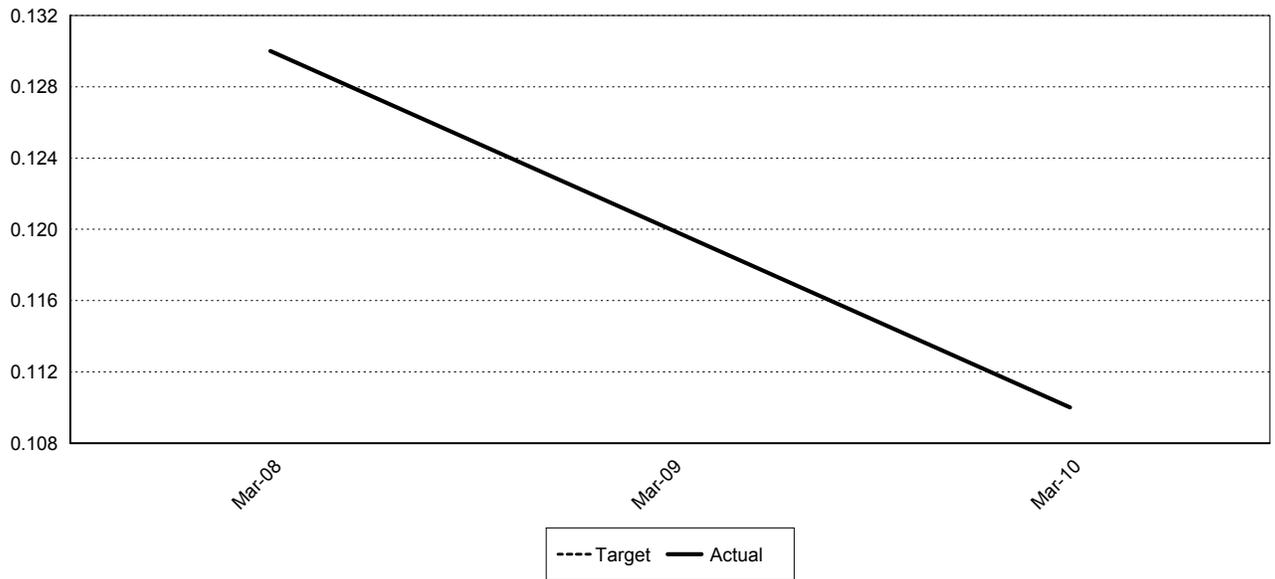
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	15.67%	
	Q2		
	Q1		
2007-09	Q8		
	Q7	7.69%	
	Q6		
	Q5		
	Q4		
	Q3	11.2%	
	Q2		
	Q1		

Percent 001498 - Percent market share of green building projects in Washington

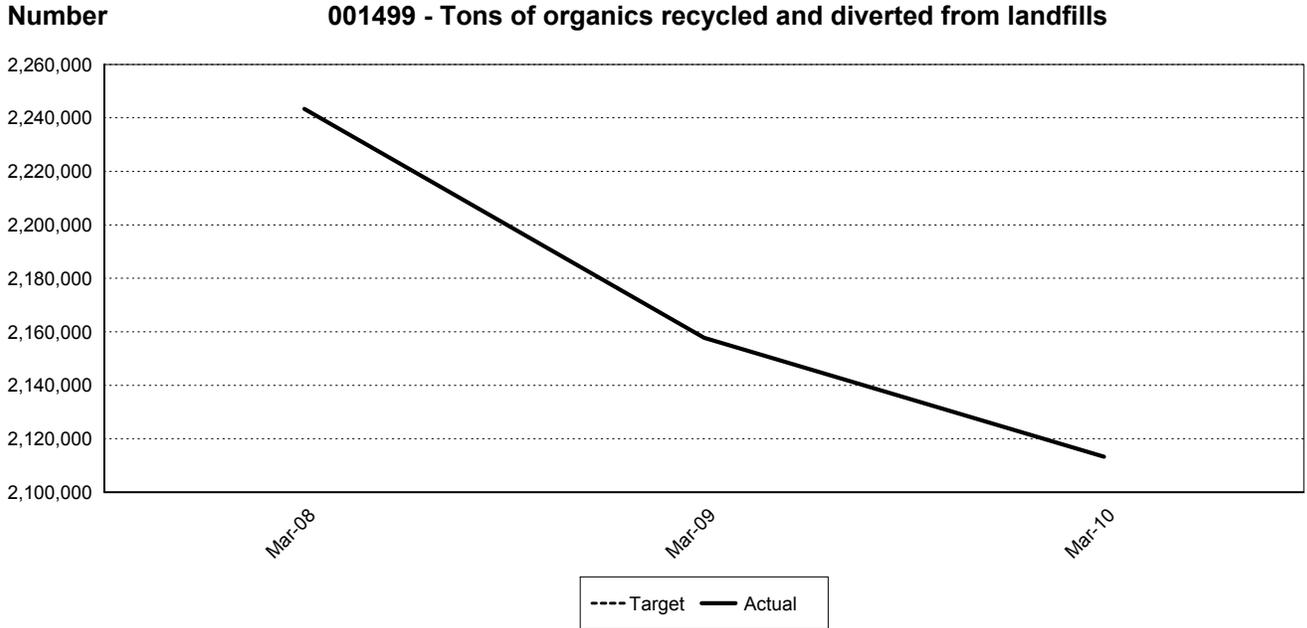


001496 Pounds of solid waste generated per dollar (State GDP)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	0.11	
	Q2		
	Q1		
2007-09	Q8		
	Q7	0.12	
	Q6		
	Q5		
	Q4		
	Q3	0.13	
	Q2		
	Q1		

Number 001496 - Pounds of solid waste generated per dollar (State GDP)



001499 Tons of organics recycled and diverted from landfills.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	2,113,323	
	Q2		
	Q1		
2007-09	Q8		
	Q7	2,157,729	
	Q6		
	Q5		
	Q4		
	Q3	2,243,424	
	Q2		
	Q1		



A010 Prevent and Pick Up Litter

Litter control efforts include a litter prevention campaign, Ecology Youth Corps litter pick-up crews, Community Litter Cleanup contracts, and coordination with other state and local efforts to maximize litter pick-up. Litter prevention and pick-up helps to keep Washington green, supports tourism, and provides employment opportunities to youth. (Authorizing Law: RCW 70.93 - Waste Reduction, Recycling, and Model Control Act)

Account	FY 2010	FY 2011	Biennial Total
FTE	7.4	4.8	6.1
044 Waste Reduction/Recycling/Litter Control			
044-1 State	\$1,850,000	\$975,000	\$2,825,000

Statewide Result Area: Improve the quality of Washington’s natural resources

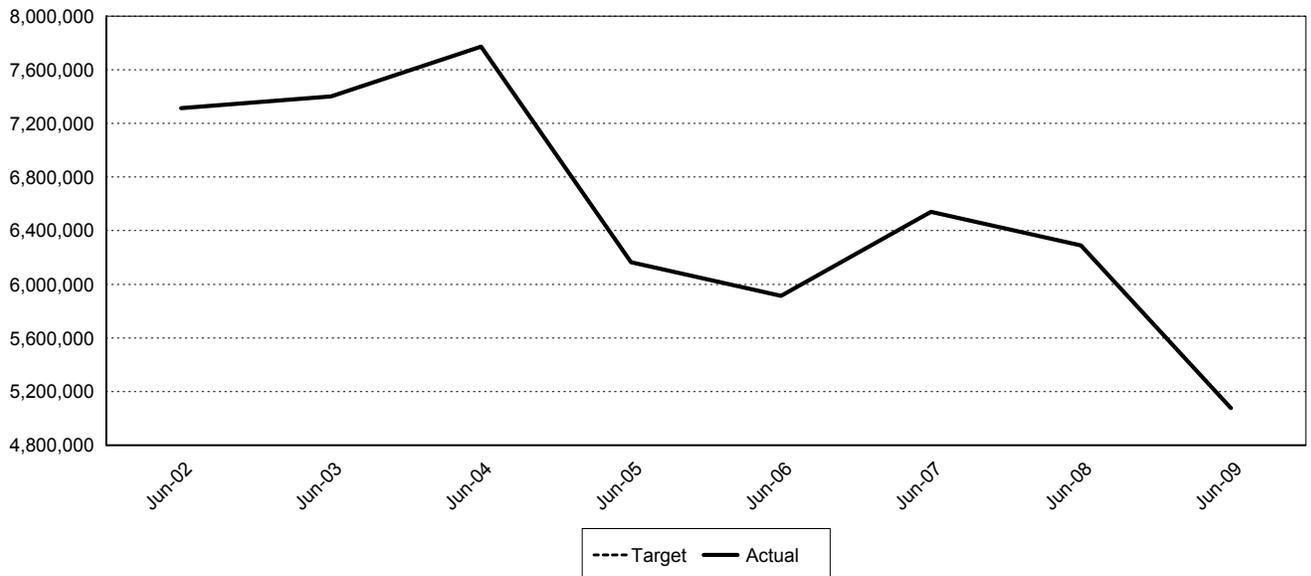
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

4,750 tons of litter is picked up with local partners. 450 youth are employed in litter pick-up. 25,000 litter hotline calls are responded to. Litter citations by the State Patrol are decreased by 5 percent. Litter survey is suspended. \$2.6 million in grants is provided to local governments to clean up litter and illegal dumps. Litter is picked up on over 55,000 miles of roads.

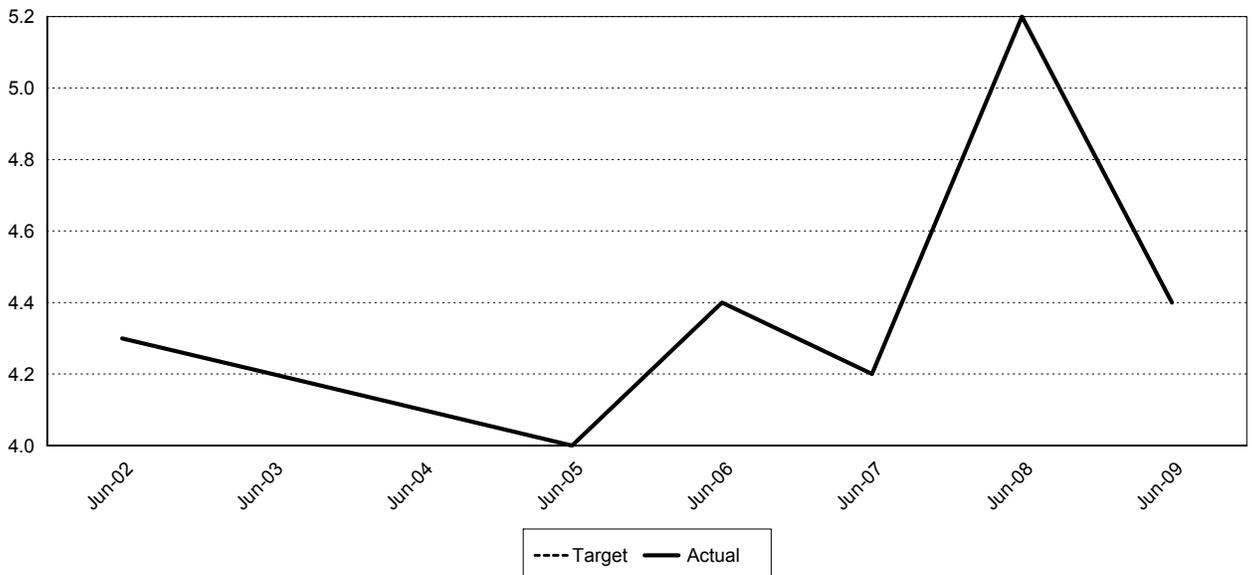
001489 Pounds of litter picked up annually.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2007-09	Q8	5,075,450	
	Q7		
	Q6		
	Q5		
	Q4	6,289,791	
	Q3		
	Q2		
	Q1		
2005-07	Q8	6,540,443	
	Q7		
	Q6		
	Q5		
	Q4	5,914,659	
	Q3		
	Q2		
	Q1		

Number **001489 - Pounds of litter picked up annually**



001483 Road cleanliness rating (1=cleanest:6=very littered)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2007-09	Q8	4.4	
	Q7		
	Q6		
	Q5		
	Q4	5.2	
	Q3		
	Q2		
	Q1		
2005-07	Q8	4.2	
	Q7		
	Q6		
	Q5		
	Q4	4.4	
	Q3		
	Q2		
	Q1		

Number 001483 - Road cleanliness rating (1=cleanest:6=very littered)



A011 Ensure Dam Safety

This activity protects life, property, and the environment by overseeing the safety of Washington's dams. This includes inspecting the structural integrity and flood and earthquake safety of existing state dams not managed by the federal government; approving and inspecting new dam construction and repairs; and taking compliance and emergency actions.

Account	FY 2010	FY 2011	Biennial Total
FTE	12.9	12.9	12.9
001 General Fund			
001-1 State	\$1,361,000	\$1,342,000	\$2,703,000
001-2 Federal	\$33,000	\$32,000	\$65,000
001 Account Total	\$1,394,000	\$1,374,000	\$2,768,000

Statewide Result Area: Improve the safety of people and property

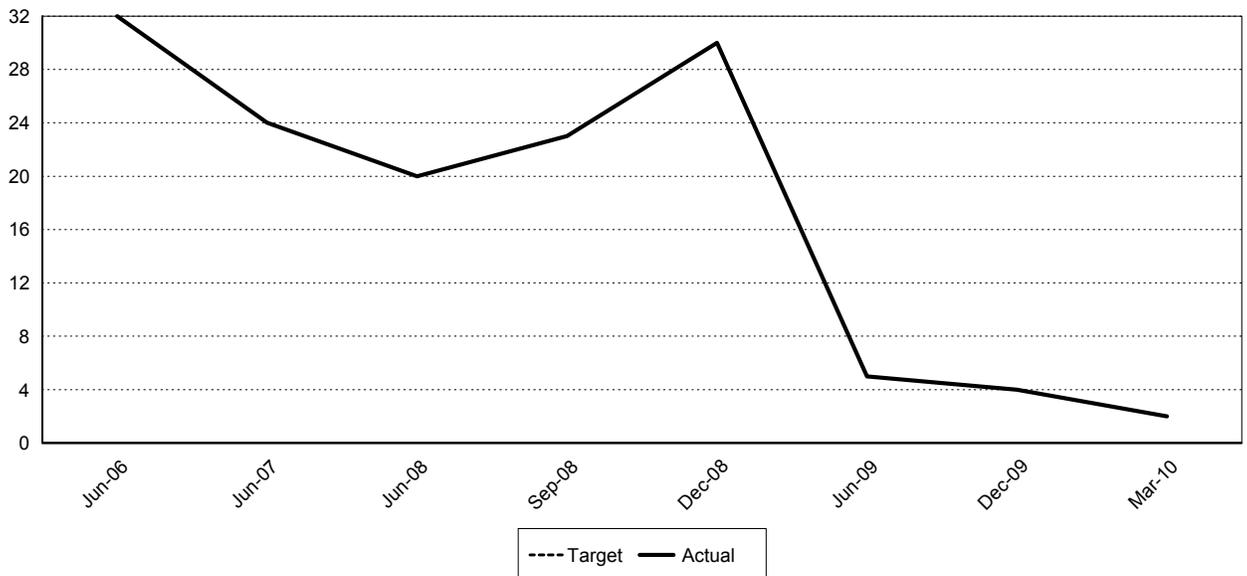
Statewide Strategy: Prevent accidents

Expected Results

Public and environmental health and safety is protected. Reduced risk of potentially catastrophic dam failures for the safety of people and property located below dams.

001570 Number of high hazard dams inspected			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	2	
	Q2	4	
	Q1		
2007-09	Q8	5	
	Q7		
	Q6	30	
	Q5	23	
	Q4	20	
	Q3		
	Q2		
	Q1		
2005-07	Q8	24	
	Q7		
	Q6		
	Q5		
	Q4	32	
	Q3		
	Q2		
	Q1		

Number 001570 - Number of high hazard dams inspected



A012 Ensure Environmental Laboratories Provide Quality Data

The agency is charged with the responsibility to certify laboratories that conduct tests or submit data to the agency. As a result, Ecology developed and manages a program to accredit environmental laboratories for analyses in all typical environmental matrices, now including drinking water. The drinking water mission was transferred to Ecology under an April 2002 Memorandum of Agreement between Ecology and the Department of Health. Accreditation helps ensure that environmental laboratories have the demonstrated capability to provide accurate and defensible data. The agency's laboratory accreditation program is the primary source of lab performance monitoring for the 480 labs in the accreditation program.

Account	FY 2010	FY 2011	Biennial Total
FTE	6.0	6.0	6.0
001 General Fund			
001-1 State	\$714,000	\$704,000	\$1,418,000

Statewide Result Area: Improve the quality of Washington’s natural resources

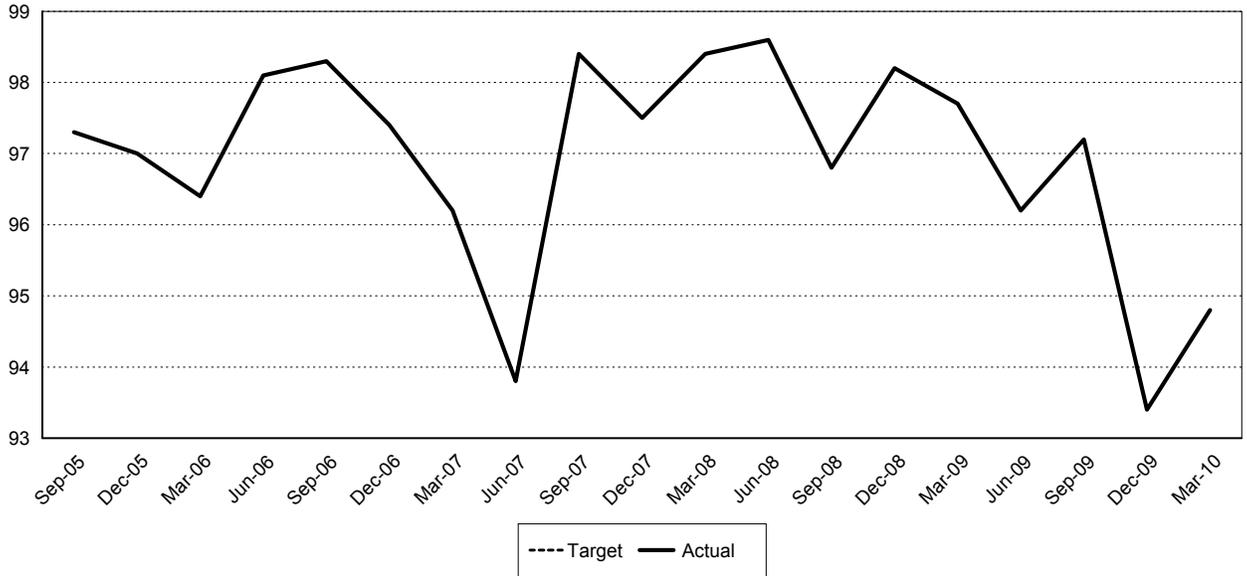
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Environmental laboratories submitting data to the Departments of Ecology and Health have the demonstrated ability to provide accurate and defensible data. Over 480 environmental laboratories in 29 states and three provinces, including 92 drinking water laboratorie, are evaluated and accredited. Performance testing analyses for major permitted wastewater discharge laboratories are evaluated. Regulated laboratories maintain successful quality programs. Environmental and public health decisions are based on accurate and defensible scientific data.

001161 Percent of acceptable performance testing analyses completed by Washington State laboratories.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	94.8%	
	Q2	93.4%	
	Q1	97.2%	
2007-09	Q8	96.2%	
	Q7	97.7%	
	Q6	98.2%	
	Q5	96.8%	
	Q4	98.6%	
	Q3	98.4%	
	Q2	97.5%	
	Q1	98.4%	
2005-07	Q8	93.8%	
	Q7	96.2%	
	Q6	97.4%	
	Q5	98.3%	
	Q4	98.1%	
	Q3	96.4%	
	Q2	97%	
	Q1	97.3%	

Percent 001161 - Percent of acceptable performance testing analyses completed by Washington State laboratories



A013 Fund Local Efforts to Clean Up Toxic Sites and Manage or Reduce Waste

The Department of Ecology protects public health and promotes resource recovery through the administration of three capital grant programs. Coordinated Prevention Grants support local government activities to protect groundwater, recycling and reuse programs, hazardous substance use reduction, and moderate risk waste collection (hazardous waste generated from households and small businesses). New initiatives focus on reuse of organic materials, reduction of building construction waste, and reduction of toxicity in products. Remedial Action Grants provide funding to local governments to cleanup property contaminated by hazardous substances to protect human health and environmental resources such as groundwater. Restored properties can then be redeveloped. Participation Grants provide funding for interest groups to inform citizens of local cleanups and for waste reduction efforts. (Authorizing Laws: 70.105D, Model Toxics Control Act; RCW 70.93, Waste Reduction, Recycling, and Model Litter Control Act; RCW 70.105, Hazardous Waste Management Act; and RCW 70.95, Solid Waste Management - Reduction and Recycling)

Account	FY 2010	FY 2011	Biennial Total
FTE	16.6	16.6	16.6
174 Local Toxics Control Account			
174-1 State	\$1,526,000	\$1,939,000	\$3,465,000
173 State Toxics Control Account			
173-1 State	\$417,000	\$771,000	\$1,188,000

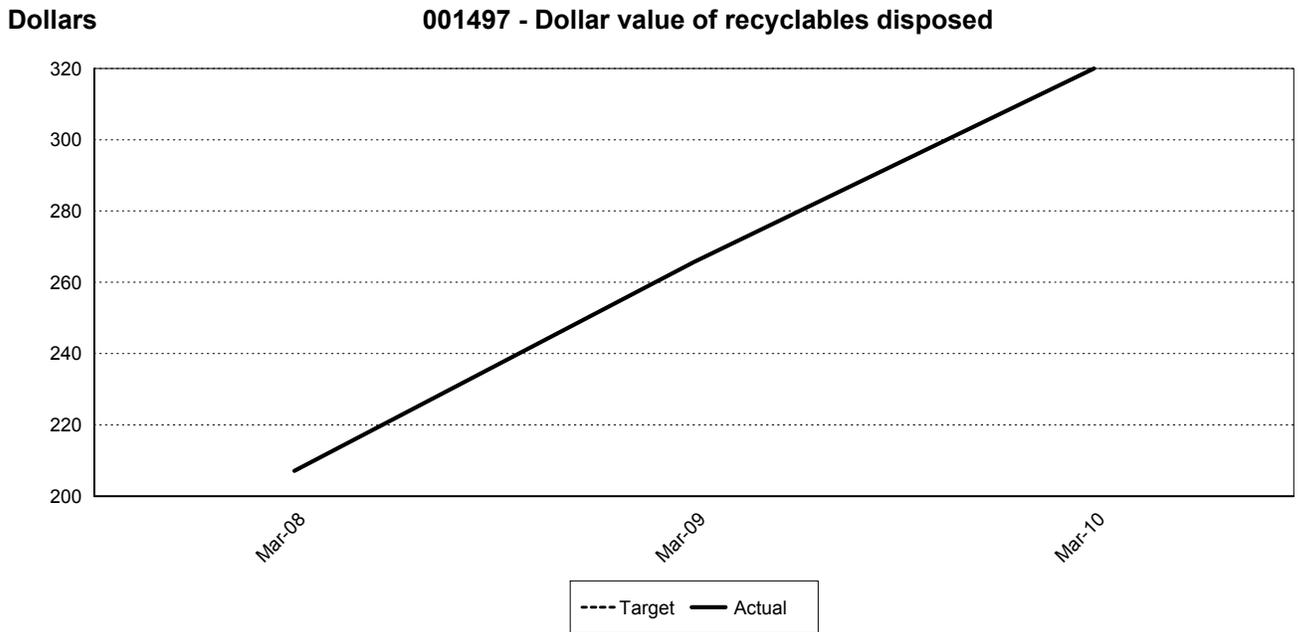
Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

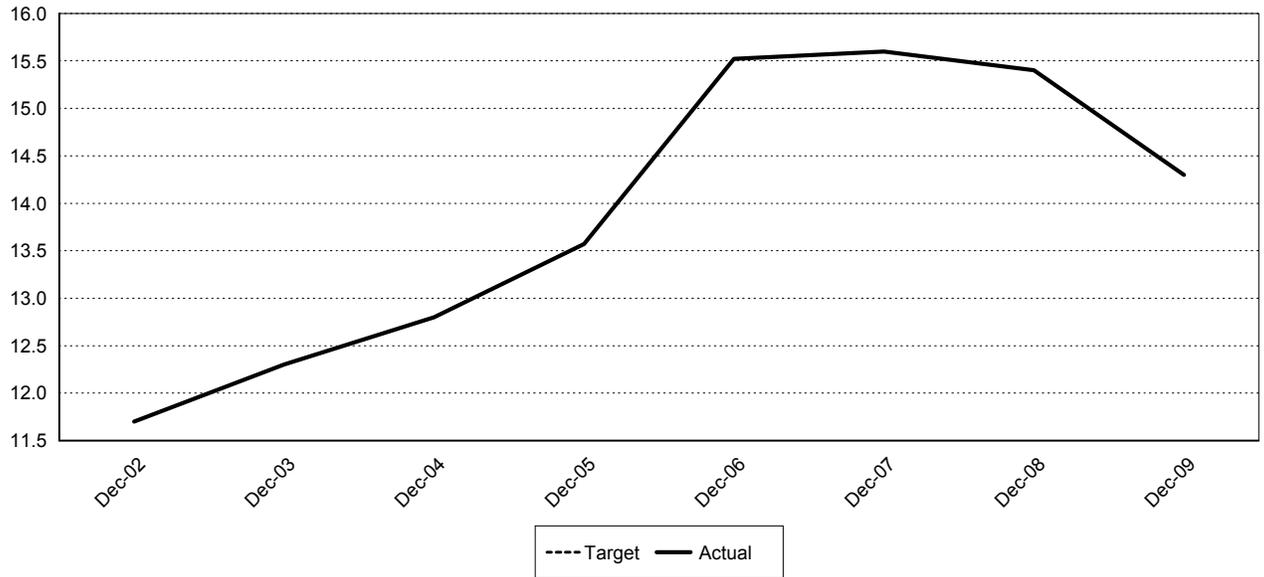
Over \$139 million in capital funding grants to local governments and non-profits is provided and managed through Coordination Prevention Grants, Remedial Action Grants, and Public Participation Grants, leveraging over \$50 million in local government resources. Technical assistance on landfill regulations and moderate risk waste is provided through more than 500 agreements with local governments and non-profits. Over 30 million pounds of moderate risk waste is collected each biennium for proper recycling or disposal at moderate risk waste collection facilities funded through Coordinated Prevention Grants. Grant funds provided to local jurisdictional health departments is managed to ensure that approximately 700 solid waste facilities statewide comply with regulatory standards. Funding for toxic sites and drinking water system cleanup is provided and managed. Citizens have access and information related to cleanup of contaminated sites.

001497 Dollar value of recyclables disposed (in millions)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	\$320	
	Q2		
	Q1		
2007-09	Q8		
	Q7	\$265.7	
	Q6		
	Q5		
	Q4		
	Q3	\$207.1	
	Q2		
	Q1		

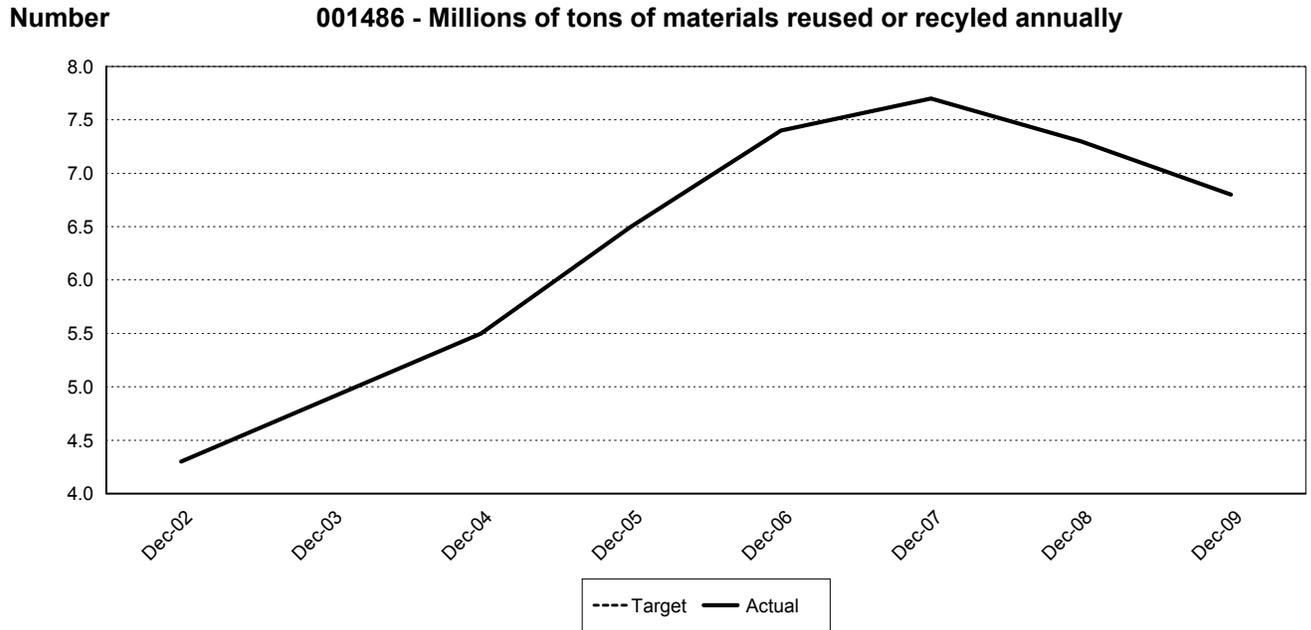


001484 Million of tons of solid waste generated annually in Washington.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	14.3	
	Q1		
2007-09	Q8		
	Q7		
	Q6	15.4	
	Q5		
	Q4		
	Q3		
	Q2	15.6	
	Q1		
2005-07	Q8		
	Q7		
	Q6	15.52	
	Q5		
	Q4		
	Q3		
	Q2	13.57	
	Q1		

Number **001484 - Million of tons of solid waste generated annually in Washington**



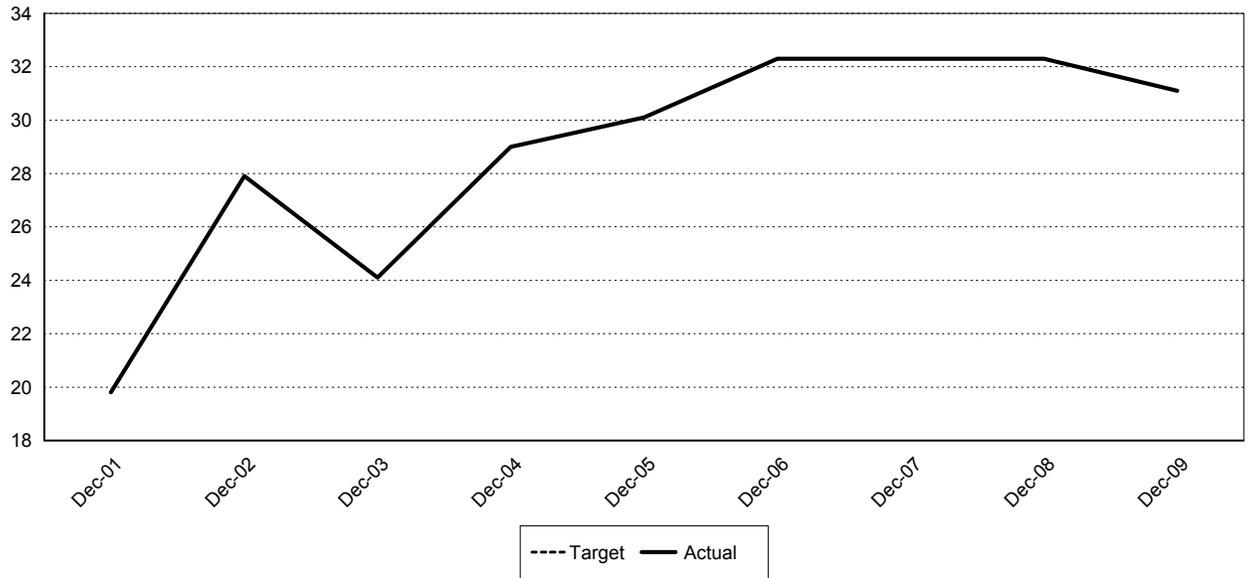
001486 Millions of tons of materials reused or recycled annually.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	6.8	
	Q1		
2007-09	Q8		
	Q7		
	Q6	7.3	
	Q5		
	Q4		
	Q3		
	Q2	7.7	
	Q1		
2005-07	Q8		
	Q7		
	Q6	7.4	
	Q5		
	Q4		
	Q3		
	Q2	6.5	
	Q1		



001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	31.1	
	Q1		
2007-09	Q8		
	Q7		
	Q6	32.3	
	Q5		
	Q4		
	Q3		
	Q2	32.3	
	Q1		
2005-07	Q8		
	Q7		
	Q6	32.3	
	Q5		
	Q4		
	Q3		
	Q2	30.1	
	Q1		

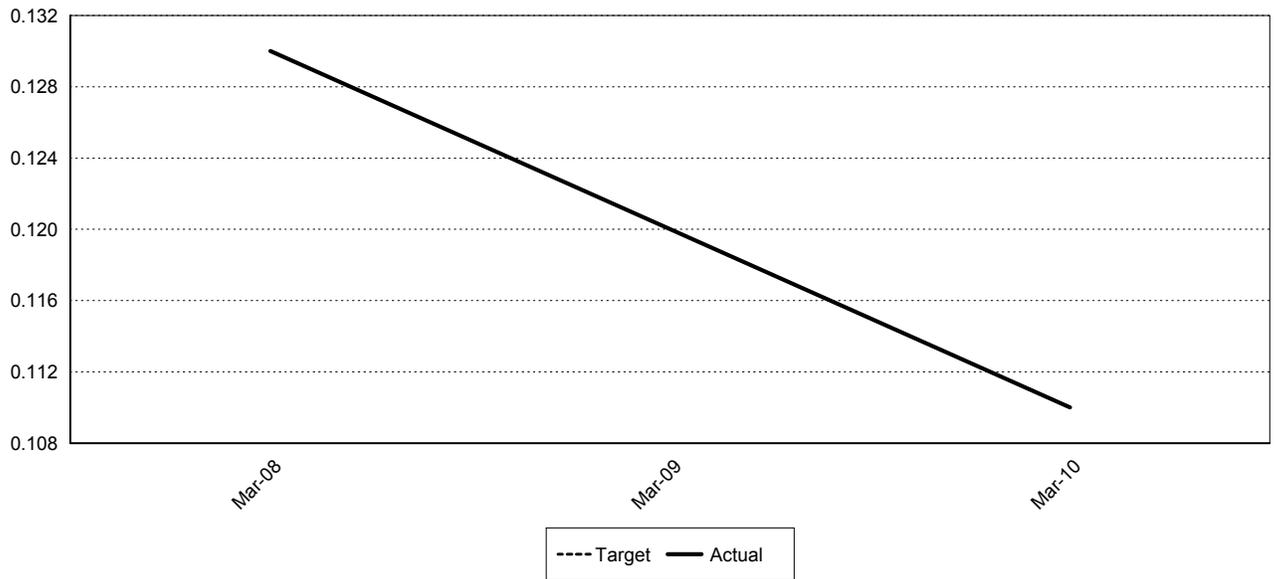
Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Number 001495 - Pounds of household and small quantity generator hazardous wastes recycled or properly disposed

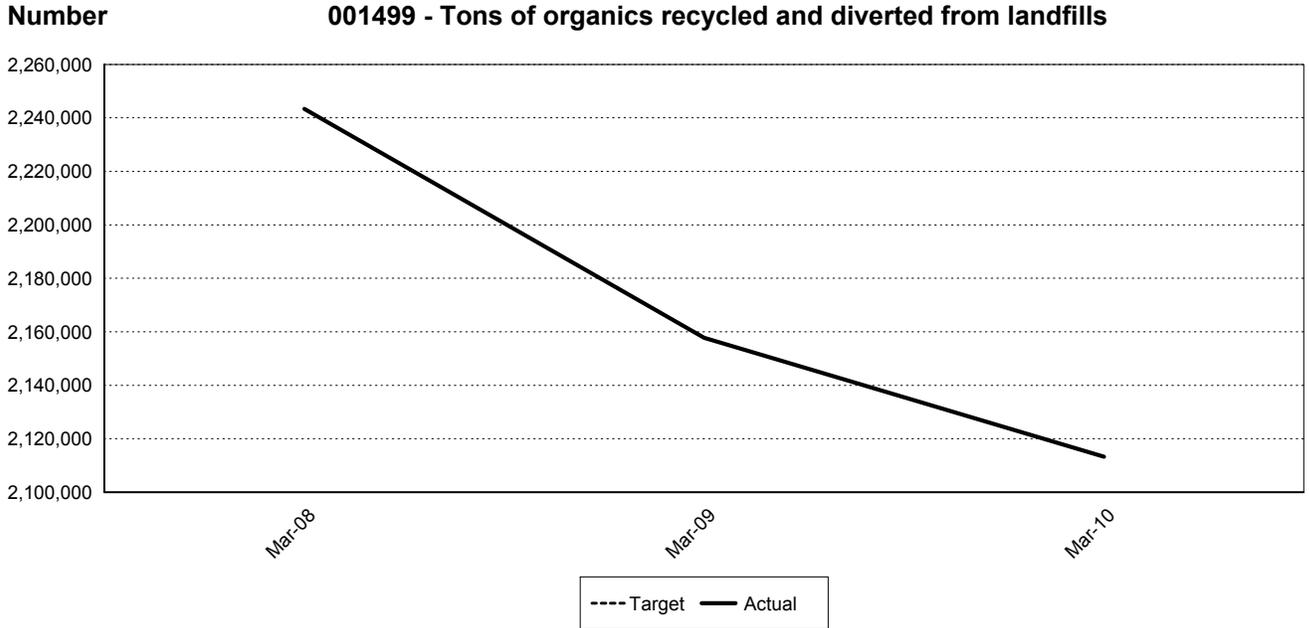


001496 Pounds of solid waste generated per dollar (State GDP)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	0.11	
	Q2		
	Q1		
2007-09	Q8		
	Q7	0.12	
	Q6		
	Q5		
	Q4		
	Q3	0.13	
	Q2		
	Q1		

Number 001496 - Pounds of solid waste generated per dollar (State GDP)



001499 Tons of organics recycled and diverted from landfills.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	2,113,323	
	Q2		
	Q1		
2007-09	Q8		
	Q7	2,157,729	
	Q6		
	Q5		
	Q4		
	Q3	2,243,424	
	Q2		
	Q1		



A014 Restore the Air, Soil, and Water Contaminated from Past Activities at Hanford

The agency protects public health and natural resources by working to restore the public use of air, soil, and water at the Hanford Nuclear Reservation by cleaning up contaminated sites from past activities. Radioactive and hazardous contaminants are removed, residual contaminants are contained and monitored, and mitigation of natural resource damage on Hanford occurs.

Account	FY 2010	FY 2011	Biennial Total
FTE	15.0	14.8	14.9
219 Air Operating Permit Account			
219-1 State	\$41,000	\$42,000	\$83,000
001 General Fund			
001-1 State	\$9,000	\$9,000	\$18,000
001-2 Federal	\$2,012,000	\$2,078,000	\$4,090,000
001 Account Total	\$2,021,000	\$2,087,000	\$4,108,000
173 State Toxics Control Account			
173-1 State	\$81,000	\$84,000	\$165,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

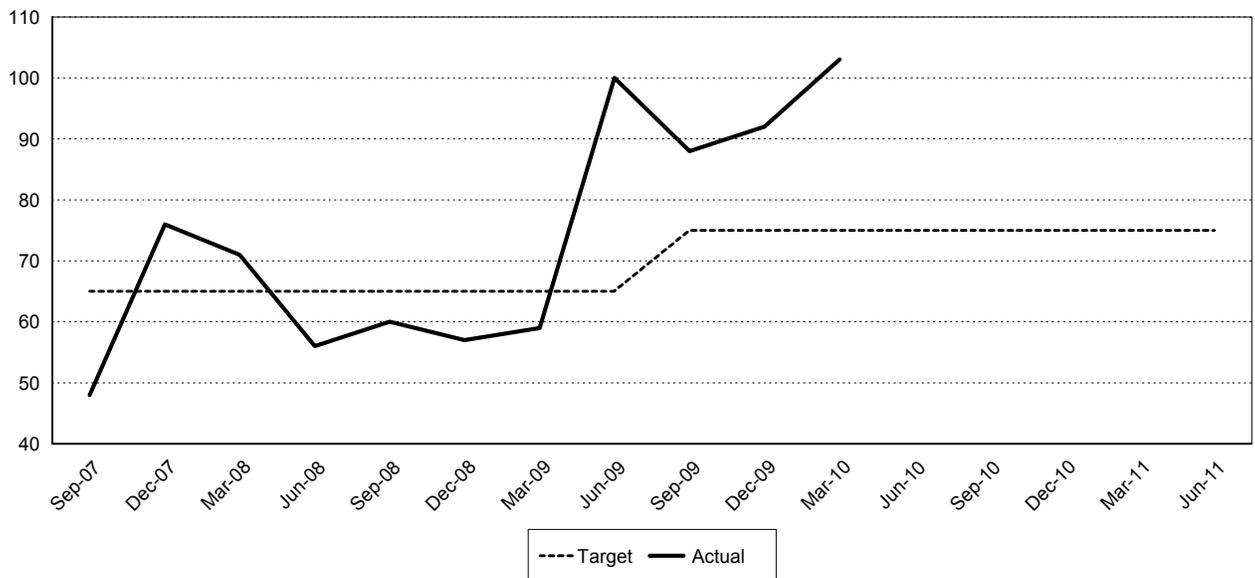
Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Public use of the air, soil, and water at Hanford will be restored. Human and environmental risks associated with past Hanford activities are removed or reduced. Continue cleanup of contaminated waste sites adjacent to the Columbia River. Begin cleanup on the Hanford Central Plateau.

001363 Pounds of chromium removed from contaminated groundwater at Hanford.			
Biennium	Period	Actual	Target
2009-11	Q8		75
	Q7		75
	Q6		75
	Q5		75
	Q4		75
	Q3	103	75
	Q2	92	75
	Q1	88	75
2007-09	Q8	100	65
	Q7	59	65
	Q6	57	65
	Q5	60	65
	Q4	56	65
	Q3	71	65
	Q2	76	65
	Q1	48	65

Number

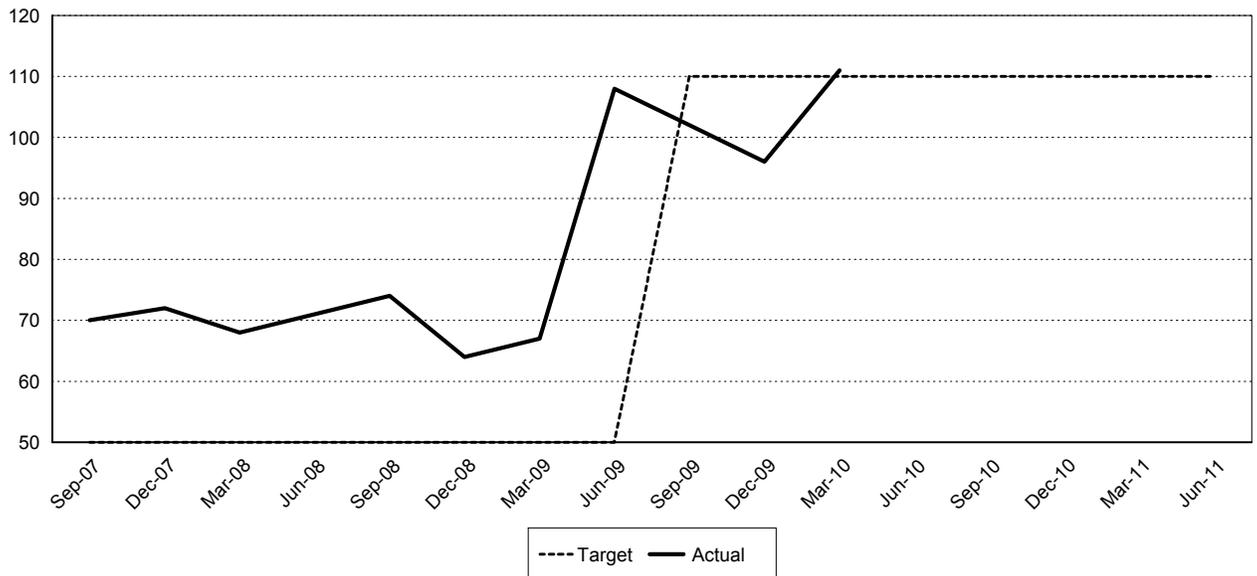
001363 - Chromium removed at Hanford



001362 Gallons of groundwater contaminated by hexavalent chromium that is remediated at Hanford (in millions of gallons)			
Biennium	Period	Actual	Target
2009-11	Q8		110
	Q7		110
	Q6		110
	Q5		110
	Q4		110
	Q3	111	110
	Q2	96	110
	Q1	102	110
2007-09	Q8	108	50
	Q7	67	50
	Q6	64	50
	Q5	74	50
	Q4	71	50
	Q3	68	50
	Q2	72	50
	Q1	70	50

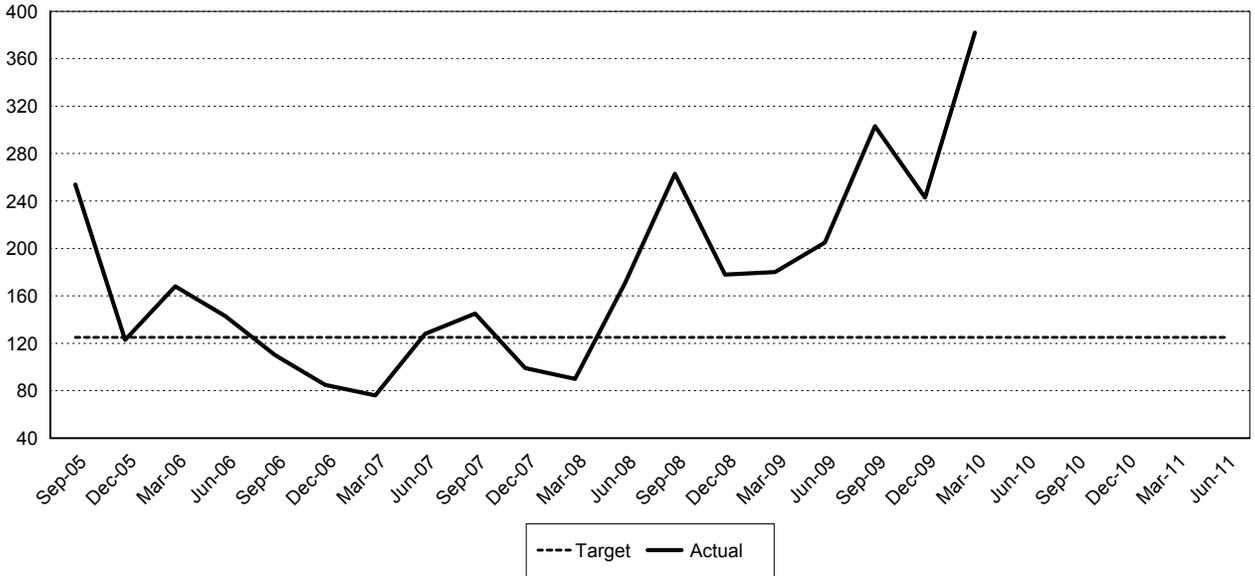
Number

001362 - Gallons of groundwater remediated at Hanford



001358 Tons of radioactive and/or chemically contaminated soil and debris removed and securely disposed at Hanford.			
Biennium	Period	Actual	Target
2009-11	Q8		125
	Q7		125
	Q6		125
	Q5		125
	Q4		125
	Q3	382	125
	Q2	243	125
	Q1	303	125
2007-09	Q8	205	125
	Q7	180	125
	Q6	178	125
	Q5	263	125
	Q4	171	125
	Q3	90	125
	Q2	99	125
	Q1	145	125
2005-07	Q8	128	125
	Q7	76	125
	Q6	85	125
	Q5	110	125
	Q4	143	125
	Q3	168	125
	Q2	123	125
	Q1	254	125

Number 001358 - Radioactive &/or chemically contaminated soil & debris remvd & securely disposed at Hanford



A015 Clean Up and Remove Large, Complex, Contaminated Facilities throughout Hanford

The agency oversees the decommissioning of the large, complex, and high-risk facilities throughout the Hanford Nuclear Reservation, including nuclear reactors and chemical processing facilities used for nuclear weapons material production. Transition of these facilities to safe and stable conditions requires coordination of multiple regulatory and technical requirements. The agency is also responsible for regulatory oversight of waste management activities at four facilities not under the management of the U.S. Department of Energy (Energy Northwest, AREVA, Perma-Fix Northwest, and the U.S. Navy's Puget Sound Naval Shipyard).

Account	FY 2010	FY 2011	Biennial Total
FTE	8.8	8.6	8.7
219 Air Operating Permit Account			
219-1 State	\$41,000	\$42,000	\$83,000
001 General Fund			
001-1 State	\$9,000	\$9,000	\$18,000
001-2 Federal	\$219,000	\$226,000	\$445,000
001 Account Total	\$228,000	\$235,000	\$463,000
173 State Toxics Control Account			
173-1 State	\$667,000	\$690,000	\$1,357,000

Statewide Result Area: Improve the quality of Washington’s natural resources

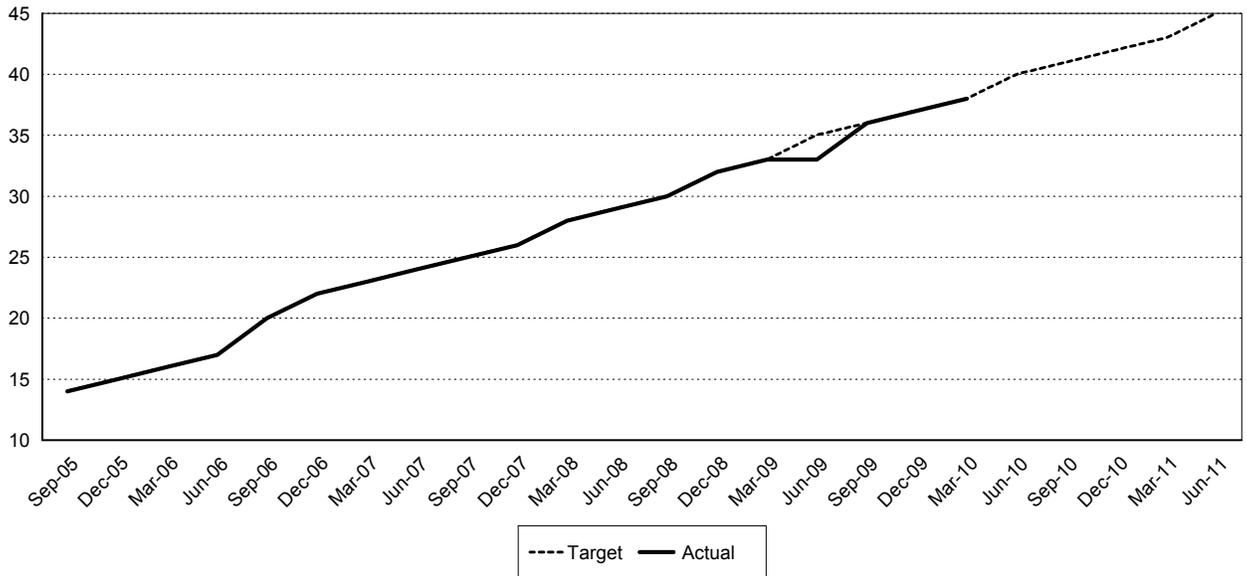
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

All major facilities on the Hanford Site will be decontaminated and decommissioned, and either demolished or placed into a long-term safe storage configuration. 30 percent of the 324 Building removal and remediation actions will be completed. Complete 45% of the decontamination and decommissioning effort at the Plutonium Finishing Plant will be completed. Complete 70% of the interim safe storage of the N Reactor 105-N/109-N building.

001361 Decontaminate and decommission the plutonium finishing plant on Hanford on schedule by 2016. (percent complete)				
Biennium	Period	Actual	Target	
2009-11	Q8		45%	
	Q7		43%	
	Q6		42%	
	Q5		41%	
	Q4		40%	
	Q3	38%	38%	
	Q2	37%	37%	
	Q1	36%	36%	
2007-09	Q8	33%	35%	
	Q7	33%	33%	
	Q6	32%	32%	
	Q5	30%	30%	
	Q4	29%	29%	
	Q3	28%	28%	
	Q2	26%	26%	
	Q1	25%	25%	
2005-07	Q8	24%	24%	
	Q7	23%	23%	
	Q6	22%	22%	
	Q5	20%	20%	
	Q4	17%	17%	
	Q3	16%	16%	
	Q2	15%	15%	
	Q1	14%	14%	

Percent 001361 - Decontaminate & decommission the plutonium finishing plant on Hanford on schedule by 2016. (% comp.)



A016 Treat and Dispose of Hanford’s High-Level Radioactive Tank Waste

The agency protects public health and natural resources by providing regulatory oversight for the treatment and removal of highly radioactive tank waste at the Hanford Nuclear Reservation. This activity is focused on the design, permitting, construction, and operation of the Hanford Waste Treatment Plant, the Integrated Disposal Facility (a mixed, low-level waste landfill), and immobilized high-level waste storage facility.

Account	FY 2010	FY 2011	Biennial Total
FTE	24.3	23.5	23.9
219 Air Operating Permit Account			
219-1 State	\$41,000	\$42,000	\$83,000
001 General Fund			
001-1 State	\$9,000	\$9,000	\$18,000
173 State Toxics Control Account			
173-1 State	\$2,804,000	\$2,899,000	\$5,703,000

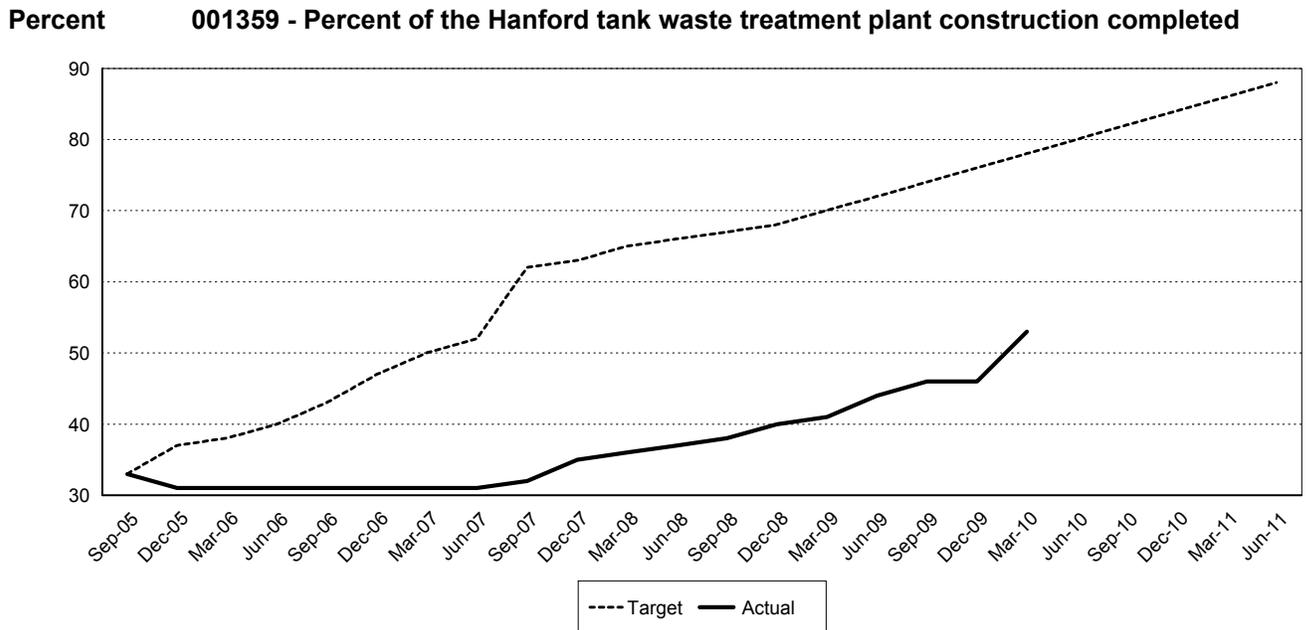
Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

53 million gallons of high-level radioactive mixed waste from Hanford's interim storage tanks will be retrieved and treated. Continue construction of The Hanford Tank Waste Treatment Plant at a rate that supports approved milestones. Start conceptual planning and design of an interim storage facility for immobilized high-level waste.

001359 Percent of the Hanford tank waste treatment plant construction completed.			
Biennium	Period	Actual	Target
2009-11	Q8		88%
	Q7		86%
	Q6		84%
	Q5		82%
	Q4		80%
	Q3	53%	78%
	Q2	46%	76%
	Q1	46%	74%
2007-09	Q8	44%	72%
	Q7	41%	70%
	Q6	40%	68%
	Q5	38%	67%
	Q4	37%	66%
	Q3	36%	65%
	Q2	35%	63%
	Q1	32%	62%
2005-07	Q8	31%	52%
	Q7	31%	50%
	Q6	31%	47%
	Q5	31%	43%
	Q4	31%	40%
	Q3	31%	38%
	Q2	31%	37%
	Q1	33%	33%



A017 Ensure Safe Tank Operations, Storage of Tank Wastes, & Closure of the Waste Storage Tanks at Hanford

The agency protects public health and natural resources by ensuring the safe storage and management of 53 million gallons of high-level radioactive tank waste at the Hanford Nuclear Reservation. The Hanford Tank Waste Project is focused on permitting the double-shelled tank waste storage system, removing liquid wastes from the single-shelled tanks, and beginning to close portions of the tank waste storage system. In coordination with the Hanford Tank Waste Disposal Project, the tank waste will be removed and treated, leading to eventual closure of all 177 Hanford tanks by 2028.

Account	FY 2010	FY 2011	Biennial Total
FTE	15.0	14.6	14.8
219 Air Operating Permit Account			
219-1 State	\$41,000	\$42,000	\$83,000
001 General Fund			
001-1 State	\$9,000	\$9,000	\$18,000
173 State Toxics Control Account			
173-1 State	\$1,698,000	\$1,756,000	\$3,454,000

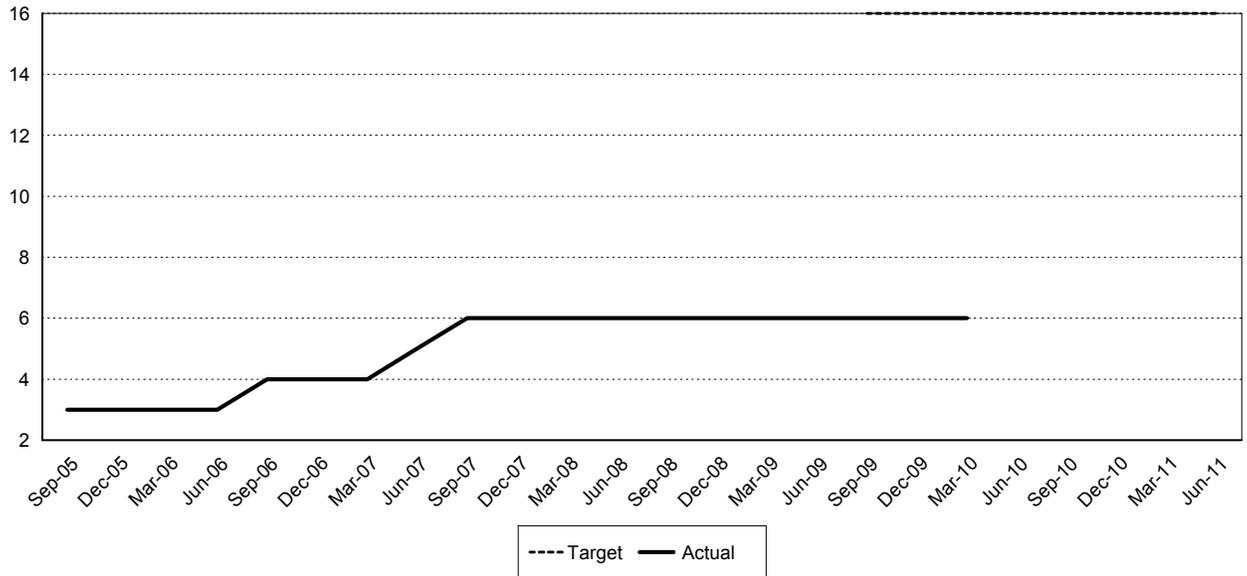
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Public health and environmental risk from the highly toxic, mixed radioactive and hazardous tank waste is reduced and tank wastes are safely managed until treated and properly disposed of. One single-shell tanks is emptied and waste safely stored. A permit is issued for the Double Shell Tank Farms by March 2010. A closure plan is issued for the Single Shell Tank Farms by March 2010.

001357 Number of tanks containing radioactive hazardous waste emptied at Hanford's "C-Tank Farm" (cumulative).			
Biennium	Period	Actual	Target
2009-11	Q8		16
	Q7		16
	Q6		16
	Q5		16
	Q4		16
	Q3	6	16
	Q2	6	16
	Q1	6	16
2007-09	Q8	6	
	Q7	6	
	Q6	6	
	Q5	6	
	Q4	6	
	Q3	6	
	Q2	6	
	Q1	6	
2005-07	Q8	5	
	Q7	4	
	Q6	4	
	Q5	4	
	Q4	3	
	Q3	3	
	Q2	3	
	Q1	3	

Number 001357 - Number of tanks containing radioactive hazardous waste emptied at Hanford's C-Tank Farm.



A018 Ensure the Safe Management of Radioactive Mixed Waste at Hanford

The agency provides regulatory oversight for the safe storage, treatment, and disposal of liquid and solid dangerous and radioactive mixed wastes at the Hanford Nuclear Reservation, as well as at radioactive mixed-waste sites throughout the state. This activity regulates the management of this historic and ongoing waste stream, and ensures the retrieval, treatment, and safe disposal of high-risk transuranic and high activity wastes currently buried in shallow, unlined trenches.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	14.4	14.0	14.2
219 Air Operating Permit Account			
219-1 State	\$41,000	\$42,000	\$83,000
001 General Fund			
001-1 State	\$9,000	\$9,000	\$18,000
001-2 Federal	\$160,000	\$165,000	\$325,000
001-7 Private/Local	\$80,000	\$84,000	\$164,000
001 Account Total	\$249,000	\$258,000	\$507,000
125 Site Closure Account			
125-1 State	\$302,000	\$533,000	\$835,000
173 State Toxics Control Account			
173-1 State	\$1,215,000	\$1,256,000	\$2,471,000
176 Water Quality Permit Account			
176-1 State	\$49,000	\$51,000	\$100,000

Statewide Result Area: Improve the quality of Washington's natural resources

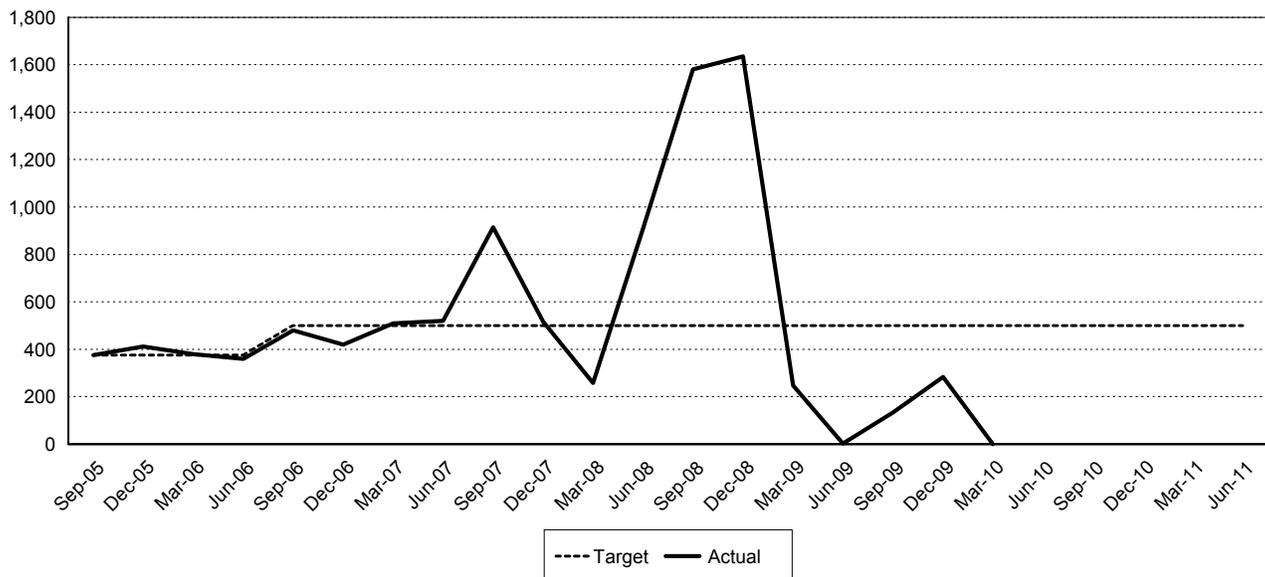
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Manage and retrieve, treat/process, store and dispose of transuranic and mixed low-level waste in compliance with existing regulations to reduce risks posed to Hanford workers and the environment significantly. Tri-Party (USEPA, USDOE, Ecology) negotiations to establish schedules for the remainder of waste retrieval, treatment, and disposal are complete. 10,700 cubic meters (cumulative) of contract-handled retrievably stored waste are retrieved from the low level burial grounds at Hanford by September 30, 2010. U.S. Ecology commercial low-level radioactive waste site Model Toxics Control Act investigation is complete. A draft cleanup action plan is complete.

001360 Amount of transuranic waste removed from the low level burial grounds at Hanford. (cubic meters).			
Biennium	Period	Actual	Target
2009-11	Q8		500
	Q7		500
	Q6		500
	Q5		500
	Q4		500
	Q3	0	500
	Q2	283	500
	Q1	133	500
2007-09	Q8	2	500
	Q7	247	500
	Q6	1,635	500
	Q5	1,581	500
	Q4	911	500
	Q3	258	500
	Q2	516	500
	Q1	915	500
2005-07	Q8	520	500
	Q7	510	500
	Q6	420	500
	Q5	480	500
	Q4	360	375
	Q3	380	375
	Q2	412	375
	Q1	375	375

Number 001360 - Amount of transuranic waste removed from the low level burial grounds at Hanford. (cubic meters)



A019 Improve Community Access to Hazardous Substance and Waste Information

The agency uses automated data systems to track compliance and technical assistance visits; measure pollution prevention and compliance progress; track amounts of dangerous waste generated each year and its proper transport, treatment, and/or disposal; identify toxic chemicals released and stored by businesses; and track information on facilities that prepare pollution prevention plans and pay fees. It provides the agency, public, and local governments with accurate information about the type, location, and source of hazardous substances that affect them. In accordance with federal and state Community Right-to-Know laws, the agency also responds to public inquiries about toxic chemicals and provides a Website for this purpose.

Account	FY 2010	FY 2011	Biennial Total
FTE	27.3	25.6	26.5
001 General Fund			
001-2 Federal	\$170,000	\$150,000	\$320,000
207 Hazardous Waste Assistance Account			
207-1 State	\$622,000	\$613,000	\$1,235,000
173 State Toxics Control Account			
173-1 State	\$713,000	\$710,000	\$1,423,000
163 Worker and Community Right-to-Know Account			
163-1 State	\$699,000	\$715,000	\$1,414,000

Statewide Result Area: Improve the quality of Washington’s natural resources

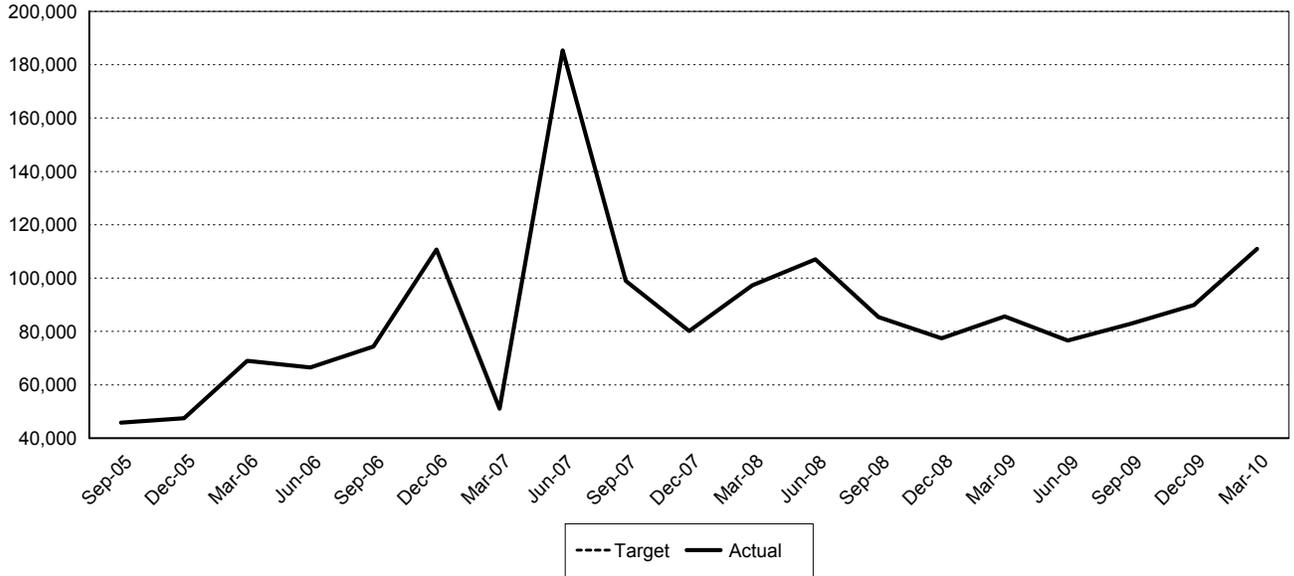
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Hazardous waste data (type, location, volume, etc.) is readily available to emergency responders, local governments, citizens, and decision makers. "Chemicals in Washington" on-line report is developed and distributed annually. Over 1,000 information requests from citizens and businesses made and responded to by the Toxic Free Tips hotline and e-mail. "Shoptalk" newsletter transitions to electronic distribution with a list serve population of 5,000 by 2012. Thirty business publications are created or updated annually, posted to the web, and available for electronic distribution. 4,000 hazardous waste reports from businesses are collected and analyzed yearly.

001286 Number of visits to Ecology's Hazardous Waste and Toxics Reduction web sites.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	110,904	
	Q2	89,968	
	Q1	82,929	
2007-09	Q8	76,647	
	Q7	85,635	
	Q6	77,438	
	Q5	85,340	
	Q4	107,015	
	Q3	97,271	
	Q2	80,187	
	Q1	98,947	
2005-07	Q8	185,301	
	Q7	50,996	
	Q6	110,719	
	Q5	74,293	
	Q4	66,439	
	Q3	68,996	
	Q2	47,489	
	Q1	45,834	

Number 001286 - Number of visitors to Ecology's Hazardous Waste & Toxics Reduction Program web sites



A020 Improve Quality of Data Used for Environmental Decision Making

Sound environmental policy and regulatory decisions can only be made if accurate and timely data is available. To ensure the reliability and integrity of data used by the agency, staff provide guidance and training on developing quality assurance project plans, review project proposals, and consult on sampling design requirements and interpretation of results. This quality assurance function is required by the Environmental Protection Agency for entities, such as the Department of Ecology, which receive funding for work involving environmental data. In addition, agency scientists, modelers, statisticians, chemists, and other specialists interpret technical data, review grantee monitoring plans, and supply information for policy decisions, in support of agency mandates.

Account	FY 2010	FY 2011	Biennial Total
FTE	4.4	4.4	4.4
001 General Fund			
001-1 State	\$176,000	\$173,000	\$349,000
001-2 Federal	\$159,000	\$158,000	\$317,000
001 Account Total	\$335,000	\$331,000	\$666,000
173 State Toxics Control Account			
173-1 State	\$53,000	\$53,000	\$106,000
176 Water Quality Permit Account			
176-1 State	\$122,000	\$120,000	\$242,000

Statewide Result Area: Improve the quality of Washington's natural resources

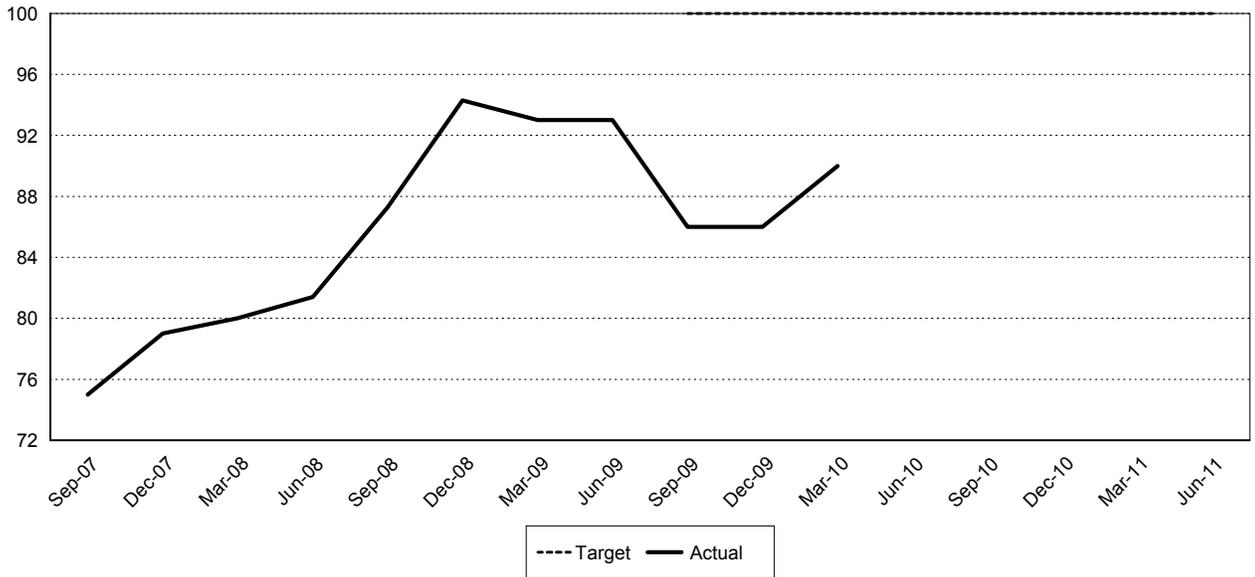
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Environmental policy and agency decisions are based upon accurate, reliable, and timely data. Quality Assurance Project Plans are completed for all scientific studies before sampling begins. Environmental sampling and laboratory methods are described in formal Standard Operating Procedures.

001163 Percent of environmental monitoring field procedures covered by a formal Standard Operating Procedure (SOP).				
Biennium	Period	Actual	Target	
2009-11	Q8		100%	
	Q7		100%	
	Q6		100%	
	Q5		100%	
	Q4		100%	
	Q3	90%	100%	
	Q2	86%	100%	
	Q1	86%	100%	
2007-09	Q8	93%		
	Q7	93%		
	Q6	94.3%		
	Q5	87.28%		
	Q4	81.4%		
	Q3	80%		
	Q2	79%		
	Q1	75%		

Percent 001163 - Percent of environmental monitoring field procedures covered by a formal SOP



A021 Increase Compliance and Act on Environmental Threats from Hazardous Waste

The agency annually conducts formal compliance enforcement inspections at large and medium quantity generators and hazardous waste management facilities to ensure compliance with state and federal regulations. A credible, formal enforcement capability is essential to preserving the effectiveness of technical assistance and informal enforcement efforts. While staff undertake formal enforcement infrequently, repeated refusal or inability of a facility to correct violations and come into compliance with the regulations will escalate to formal enforcement actions.

Account	FY 2010	FY 2011	Biennial Total
FTE	25.5	26.8	26.2
001 General Fund			
001-2 Federal	\$1,027,000	\$1,136,000	\$2,163,000
173 State Toxics Control Account			
173-1 State	\$1,644,000	\$1,737,000	\$3,381,000

Statewide Result Area: Improve the quality of Washington’s natural resources

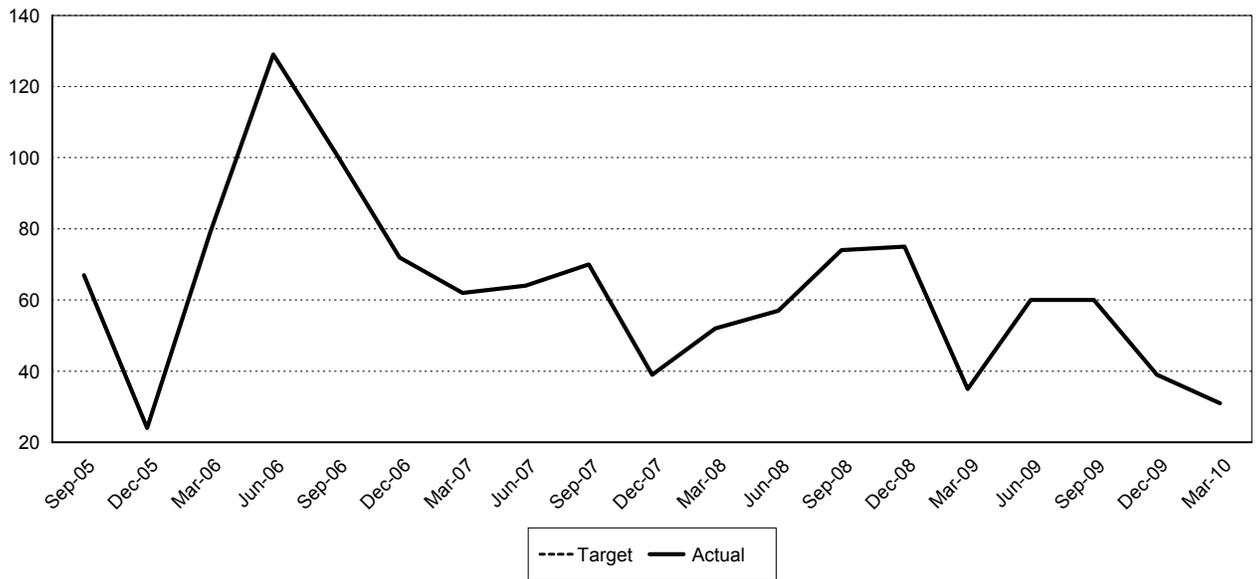
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Facility compliance in managing hazardous wastes is improved for the protection of public health and the environment. 320 compliance inspections are conducted annually (including 15 treatment, storage, and disposal facilities and 70 large quantity hazardous waste generators). Up to 180 complaints regarding hazardous wastes or substances are responded to. More facilities, including treatment, storage, and disposal facilities, achieve and stay in compliance with regulatory requirements.

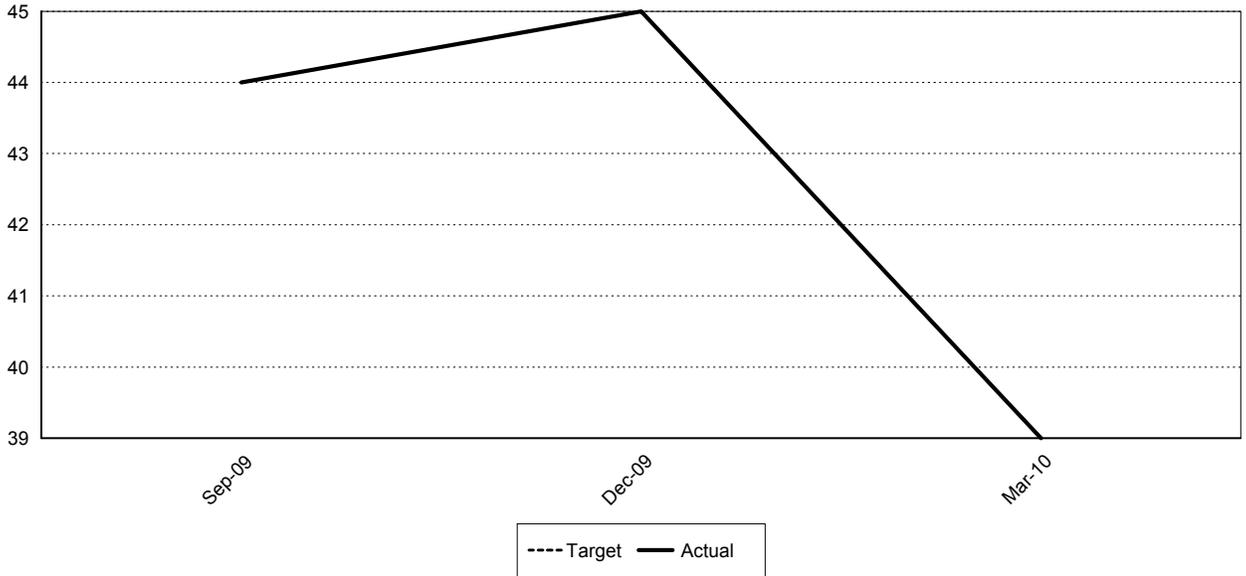
001284 Number of significant toxics-related environmental threats resolved.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	31	
	Q2	39	
	Q1	60	
2007-09	Q8	60	
	Q7	35	
	Q6	75	
	Q5	74	
	Q4	57	
	Q3	52	
	Q2	39	
	Q1	70	
2005-07	Q8	64	
	Q7	62	
	Q6	72	
	Q5	101	
	Q4	129	
	Q3	79	
	Q2	24	
	Q1	67	

Number 001284 - Number of significant toxics-related environmental threats resolved



001294 Percent of facilities with a significant toxics-related threat found during an inspection.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	39%	
	Q2	45%	
	Q1	44%	

Percent 001294 - Percent of facilities with significant toxics-related threat found during a compliance inspection



A022 Increase Safe Hazardous Waste Management

Ecology provides education and technical assistance to thousands of businesses on safe hazardous waste management. Although formal enforcement work is essential to maintaining compliance with hazardous waste regulations, workshops and technical assistance visits also can help bring facilities into regulatory compliance using substantially fewer resources. Safe management of hazardous waste protects the public and the environment, and enables the state to avoid significant clean-up costs.

Account	FY 2010	FY 2011	Biennial Total
FTE	22.5	22.5	22.5
001 General Fund			
001-2 Federal	\$433,000	\$442,000	\$875,000
001-7 Private/Local	\$0	\$47,000	\$47,000
001 Account Total	\$433,000	\$489,000	\$922,000
207 Hazardous Waste Assistance Account			
207-1 State	\$217,000	\$221,000	\$438,000
174 Local Toxics Control Account			
174-1 State	\$1,389,000	\$1,389,000	\$2,778,000
173 State Toxics Control Account			
173-1 State	\$1,100,000	\$1,095,000	\$2,195,000

Statewide Result Area: Improve the quality of Washington’s natural resources

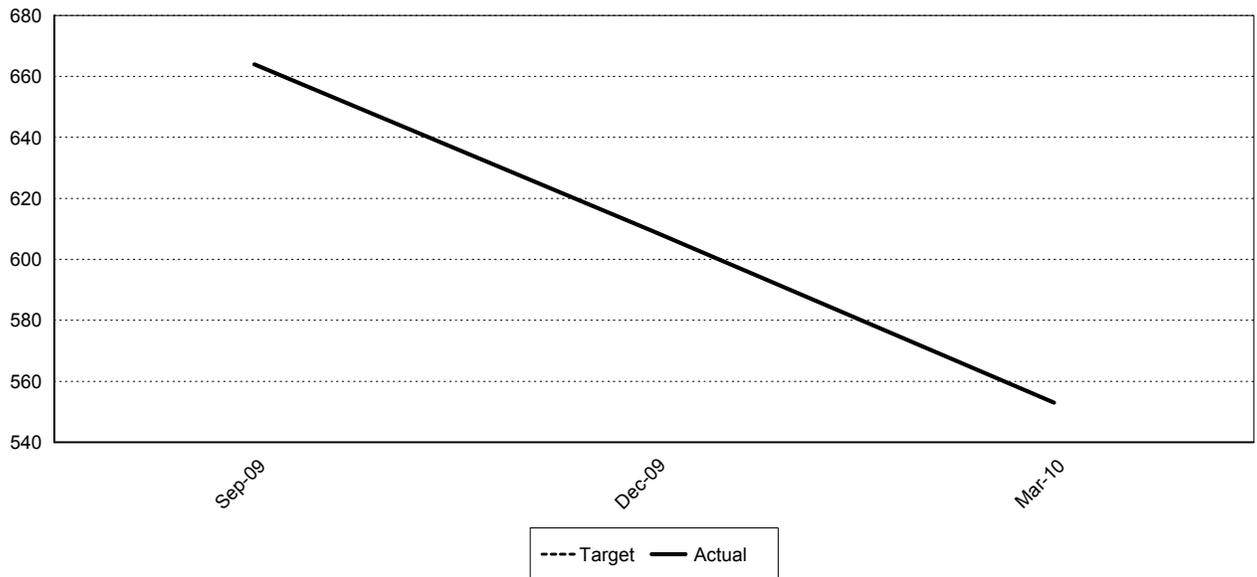
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Pollution prevention is encouraged, hazardous waste is safely managed, the public is protected, and businesses are in compliance with state hazardous waste laws. 400 toxics-related technical assistance visits are conducted each year, helping businesses determine how to safely manage their hazardous wastes and reduce the use of toxic chemicals. Businesses get help determining how to reduce their use of toxic chemicals. More facilities achieve and stay in compliance with regulatory requirements.

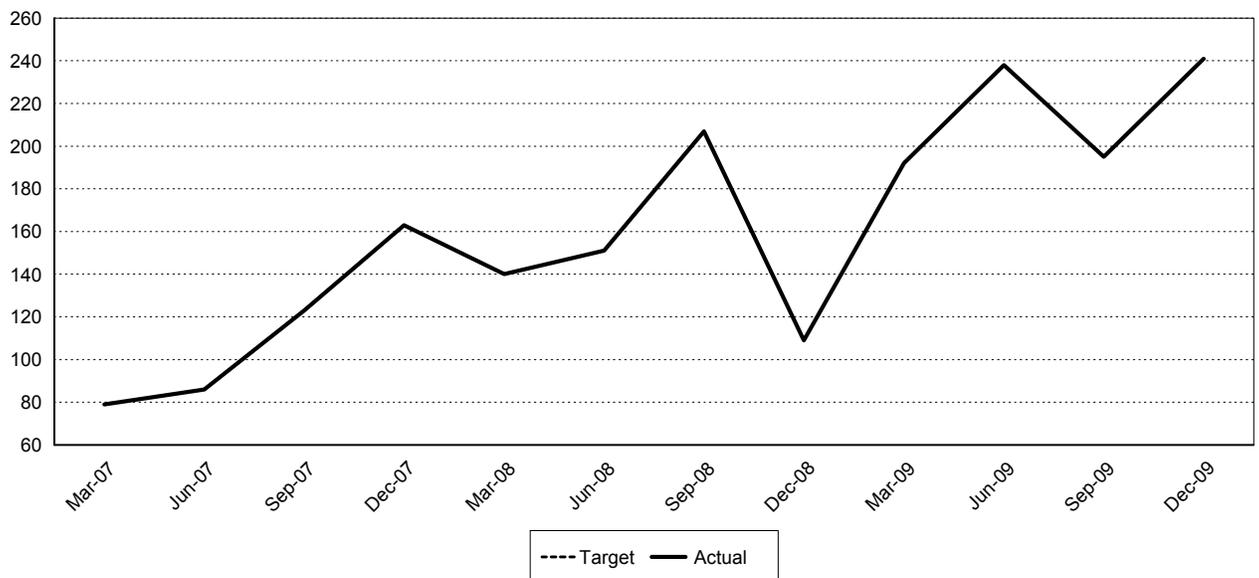
001296 Number of Ecology-funded small business technical assistance visits conducted by local government.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	553	
	Q2	609	
	Q1	664	

Number 001296 - Number of Ecology-funded small business technical assistance visits conducted by local government



001295 Number of toxics-related technical assistance visits.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	241	
	Q1	195	
2007-09	Q8	238	
	Q7	192	
	Q6	109	
	Q5	207	
	Q4	151	
	Q3	140	
	Q2	163	
	Q1	123	
2005-07	Q8	86	
	Q7	79	
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number 001295 - Number of toxics-related technical assistance visits



A023 Manage Underground Storage Tanks to Minimize Releases

The agency currently regulates about 11,189 active tanks on 4,074 different properties, including gas stations, industries, commercial properties, and governmental entities. This includes working to ensure that tanks are installed, managed, and monitored in accordance with federal standards and in a manner that prevents releases into the environment. This is done through compliance inspections and providing technical assistance to tank owners and operators. Properly managing such tanks saves millions in cleanup costs and prevents contamination of limited drinking water and other groundwater resources.

Account	FY 2010	FY 2011	Biennial Total
FTE	22.5	22.5	22.5
001 General Fund			
001-2 Federal	\$834,000	\$827,000	\$1,661,000
182 Underground Storage Tank Account			
182-1 State	\$1,397,000	\$1,381,000	\$2,778,000

Statewide Result Area: Improve the quality of Washington’s natural resources

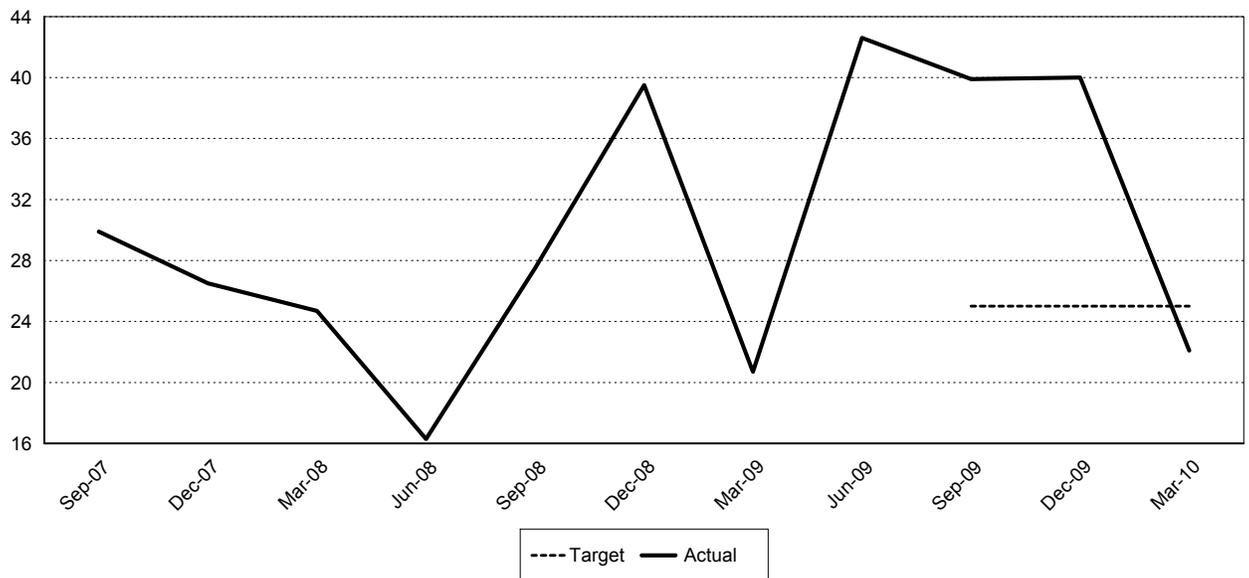
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Underground storage tanks are properly installed, monitored and/or decommissioned to minimize the release of oil, gas, and other toxic materials into drinking water and other underground water sources. Decreased number of reported releases from underground storage tanks over time. Increased number of leaking underground storage sites that are cleaned up or no further action is needed. Increased percentage of underground storage tanks inspected that pass operational compliance for leak detection.

001505 Average number of underground storage tank inspections completed per inspector.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	22.1	25
	Q2	40	25
	Q1	39.9	25
2007-09	Q8	42.6	
	Q7	20.7	
	Q6	39.5	
	Q5	27.5	
	Q4	16.3	
	Q3	24.7	
	Q2	26.5	
	Q1	29.9	

Number 001505 - Average Number of underground storage tank inspections completed per inspector



A024 Manage Water Rights

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

The agency allocates surface and ground water to meet the many needs for water. It does this by making decisions on applications for new water rights and by making decisions on applications for changes to existing water rights to reallocate water. Water right decisions require consideration of many factors, including determining whether water is available and whether existing rights would be impaired. The agency is responsible for managing an existing water rights portfolio of over 49,000 certificates, 3,000 permits and 166,000 claims.

Account	FY 2010	FY 2011	Biennial Total
FTE	48.0	61.8	54.9
001 General Fund			
001-1 State	\$5,257,000	\$4,937,000	\$10,194,000
001-7 Private/Local	\$1,396,000	\$1,396,000	\$2,792,000
001 Account Total	\$6,653,000	\$6,333,000	\$12,986,000
16V Water Rights Processing Account			
16V-1 State	\$0	\$54,000	\$54,000

Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Achieve sustainable use of public natural resources

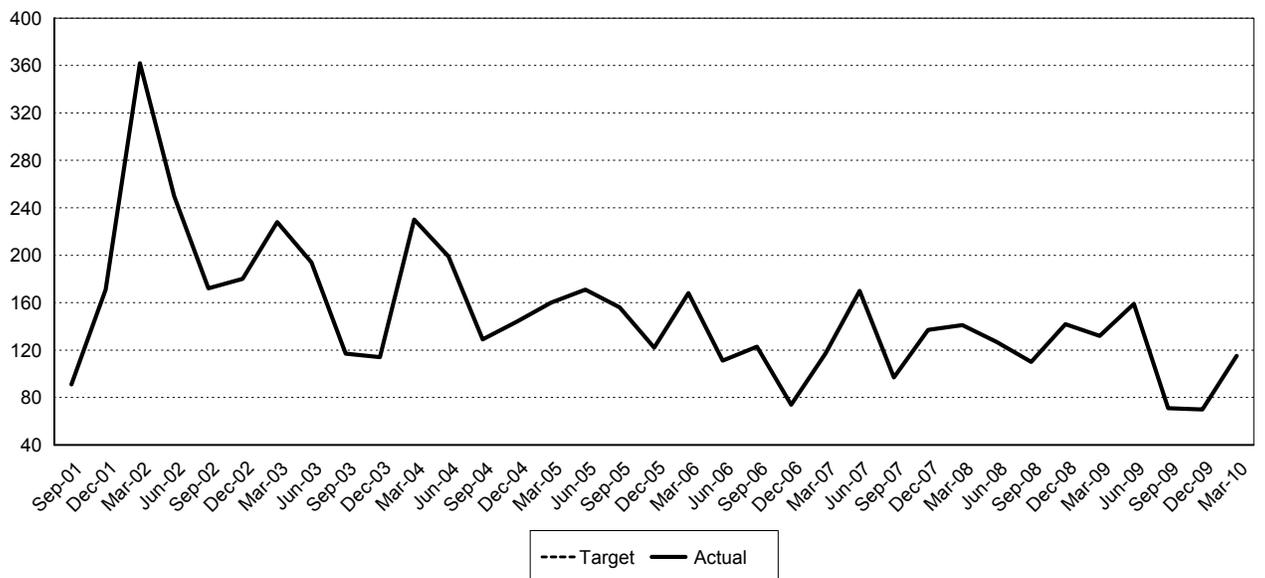
Expected Results

Improved allocation of new water rights and changes to existing rights through sound and timely permit decision-making. New municipal water right provisions are implemented with the Department of Health. Water needs are met and existing water users and the environment are protected. Timely and sound decisions are made on applications for new water rights and changes to existing rights to (re)allocate water.

001577 Number of water right decisions completed.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	115	
	Q2	70	
	Q1	71	
2007-09	Q8	159	
	Q7	132	
	Q6	142	
	Q5	110	
	Q4	127	
	Q3	141	
	Q2	137	
	Q1	97	
2005-07	Q8	170	
	Q7	117	
	Q6	74	
	Q5	123	
	Q4	111	
	Q3	168	
	Q2	122	
	Q1	156	

Number

001577 - Number of total water right decisions



A025 Measure Air Pollution Levels and Emissions

To make reasoned air quality management decisions, the agency needs reliable information on the amount and sources of pollution and how it moves in the air. To collect needed data, the agency uses three primary activities: air quality monitoring (assessment of trends, focused compliance, and assessment of control strategies, health effects, and environmental damage); emission inventory development (quantification of pollution released by sources of air pollution); and meteorological and dispersion modeling forecasts (the movement and concentration of air pollutants, the carrying capacity of airsheds, the interactions of pollutants, and the point of maximum impact of pollution).

Account	FY 2010	FY 2011	Biennial Total
FTE	23.2	23.2	23.2
001 General Fund			
001-1 State	\$2,471,000	\$2,439,000	\$4,910,000
001-2 Federal	\$1,660,000	\$1,551,000	\$3,211,000
001-7 Private/Local	\$82,000	\$82,000	\$164,000
001 Account Total	\$4,213,000	\$4,072,000	\$8,285,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Comprehensive air quality data are gathered, maintained, and evaluated over time to ensure informed policy decisions. The federally required monitoring network evaluation and monitoring site modifications are conducted to meet state and federal air quality needs. Adequate data are available to policy makers. Improved emissions data and modeling tools are used to predict air quality levels, impacts, and trends.

000997 Percent of monitoring data that is valid.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	93%	
	Q1	92%	
2007-09	Q8	96%	
	Q7	95%	
	Q6	97%	
	Q5	90%	
	Q4	94%	
	Q3	92%	
	Q2	88%	
	Q1	88%	
2005-07	Q8	88%	
	Q7	92%	
	Q6	88%	
	Q5	93%	
	Q4	94%	
	Q3	92%	
	Q2	96%	
	Q1	93%	

Percent

000997 - Percent of monitoring data that is valid



A026 Measure Contaminants in the Environment by Performing Laboratory Analyses

The Manchester Environmental Laboratory is a full-service environmental chemistry laboratory operated jointly by the Environmental Protection Agency and the Department of Ecology. The laboratory provides technical, analytical, and sampling support for chemistry and microbiology for multiple programs in the agency, and supports work conducted under mandates such as the federal Clean Water Act, Water Pollution Control Act, Puget Sound Water Quality Protection Act, and Model Toxics Control Act.

Account	FY 2010	FY 2011	Biennial Total
FTE	28.6	28.6	28.6
001 General Fund			
001-1 State	\$1,017,000	\$810,000	\$1,827,000
001-7 Private/Local	\$146,000	\$164,000	\$310,000
001 Account Total	\$1,163,000	\$974,000	\$2,137,000
173 State Toxics Control Account			
173-1 State	\$587,000	\$759,000	\$1,346,000
176 Water Quality Permit Account			
176-1 State	\$50,000	\$49,000	\$99,000

Statewide Result Area: Improve the quality of Washington’s natural resources

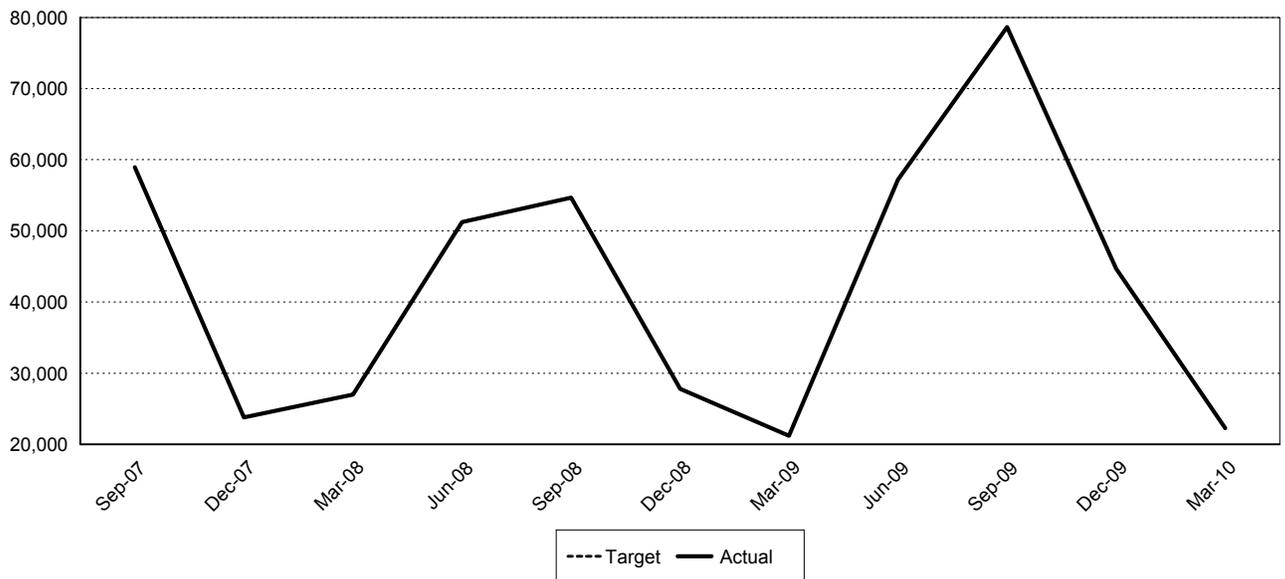
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Ecology's full-service environmental testing laboratory provides defensible and accurate analytical and laboratory support to the agency and other state and local governments. Scientifically sound laboratory results are provided to clients for making environmental decisions.

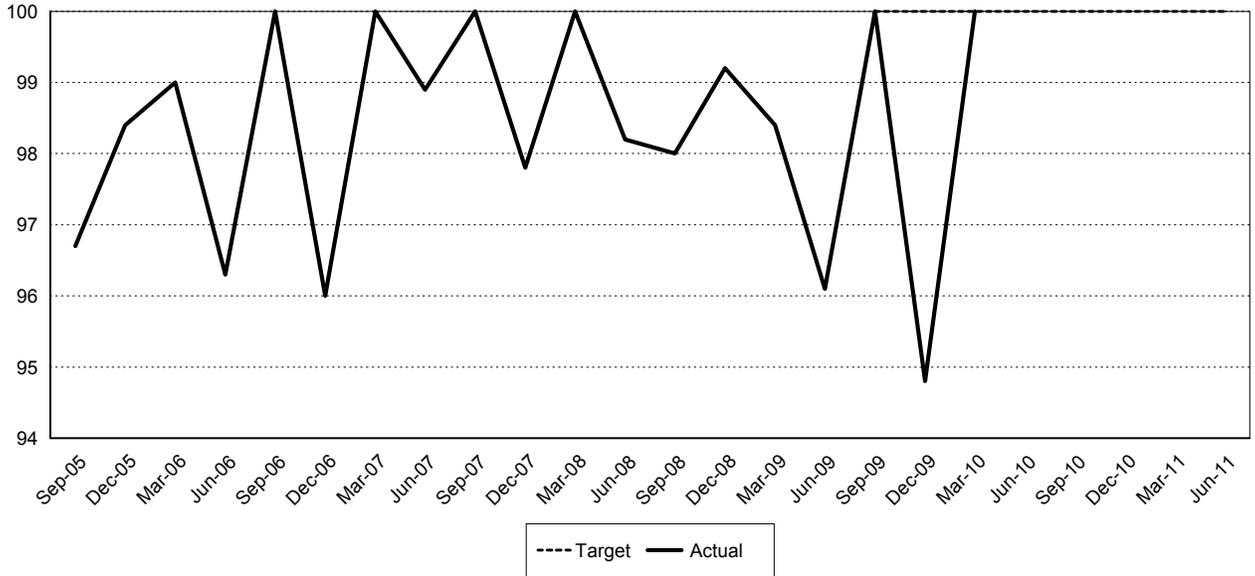
001164 Number of chemical analyses completed for clients by Ecology's Manchester Environmental Laboratory.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	22,275	
	Q2	44,676	
	Q1	78,636	
2007-09	Q8	57,215	
	Q7	21,202	
	Q6	27,815	
	Q5	54,668	
	Q4	51,226	
	Q3	26,983	
	Q2	23,777	
	Q1	58,952	

Number 001164 - Number of chemical analyses completed for clients by Ecology's Manchester Environmental Laboratory



001160 Percent of acceptable performance testing analyses completed by Ecology's Manchester Environmental Laboratory.			
Biennium	Period	Actual	Target
2009-11	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3	100%	100%
	Q2	94.8%	100%
	Q1	100%	100%
2007-09	Q8	96.1%	
	Q7	98.4%	
	Q6	99.2%	
	Q5	98%	
	Q4	98.2%	
	Q3	100%	
	Q2	97.8%	
	Q1	100%	
2005-07	Q8	98.9%	
	Q7	100%	
	Q6	96%	
	Q5	100%	
	Q4	96.3%	
	Q3	99%	
	Q2	98.4%	
	Q1	96.7%	

Percent 001160 - Percent of acceptable performance testing analyses completed by Manchester Environmental Lab



A027 Monitor the Quality of State Waters and Measure Stream Flows Statewide

The agency has established a statewide environmental monitoring network to assess the current status of state waters, identify threatened or impaired waters, and evaluate changes/trends in water quality over time. This network includes sampling stations in rivers, streams, and marine waters (Puget Sound and coastal estuaries). The agency also measures and evaluates stream flows in salmon-critical basins and key watersheds statewide, and makes near real-time information available to the public via the agency's website.

Account	FY 2010	FY 2011	Biennial Total
FTE	42.4	42.2	42.3
222 Freshwater Aquatic Weeds Account			
222-1 State	\$118,000	\$115,000	\$233,000
001 General Fund			
001-1 State	\$2,468,000	\$2,372,000	\$4,840,000
001-2 Federal	\$1,788,000	\$1,778,000	\$3,566,000
001-7 Private/Local	\$19,000	\$0	\$19,000
001 Account Total	\$4,275,000	\$4,150,000	\$8,425,000
173 State Toxics Control Account			
173-1 State	\$880,000	\$1,794,000	\$2,674,000
176 Water Quality Permit Account			
176-1 State	\$40,000	\$39,000	\$79,000

Statewide Result Area: Improve the quality of Washington’s natural resources

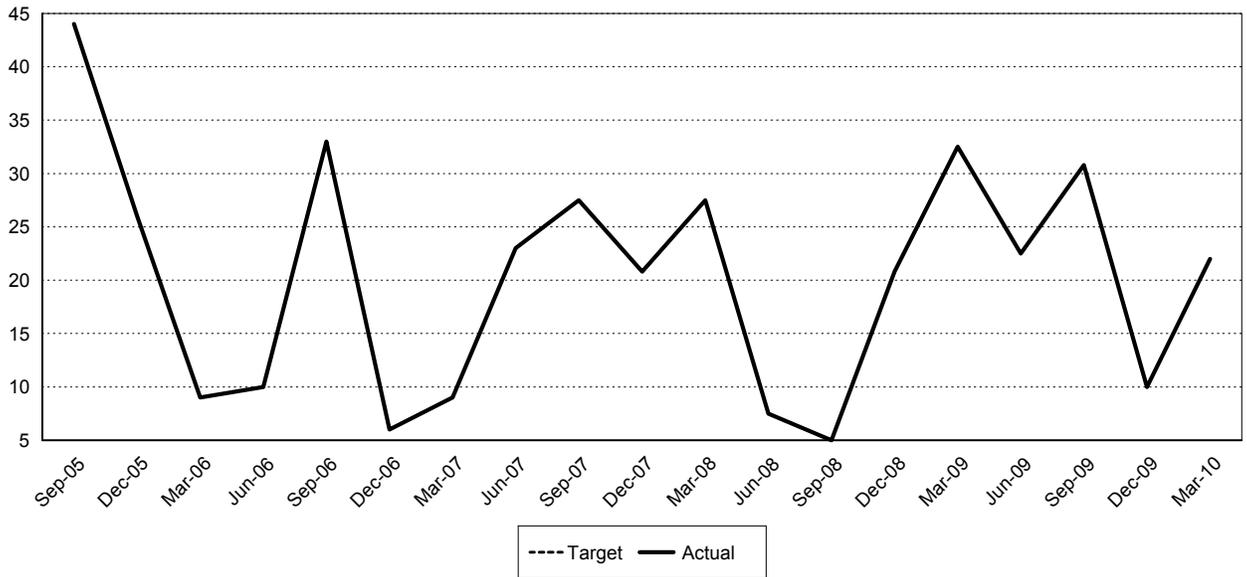
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Conditions and changes of major freshwater rivers, Puget Sound, and the largest coastal estuaries over time are described. Monthly samples from approximately 82 freshwater and 35 marine water sites are collected. Stream flows at approximately 140 sites statewide (62 near real-time) are measured and reported. Real-time stream flow data is provided via the Web. Agency staff and the public are alerted to emerging water quality problems. The effectiveness of water clean-up activities is tracked and assessed.

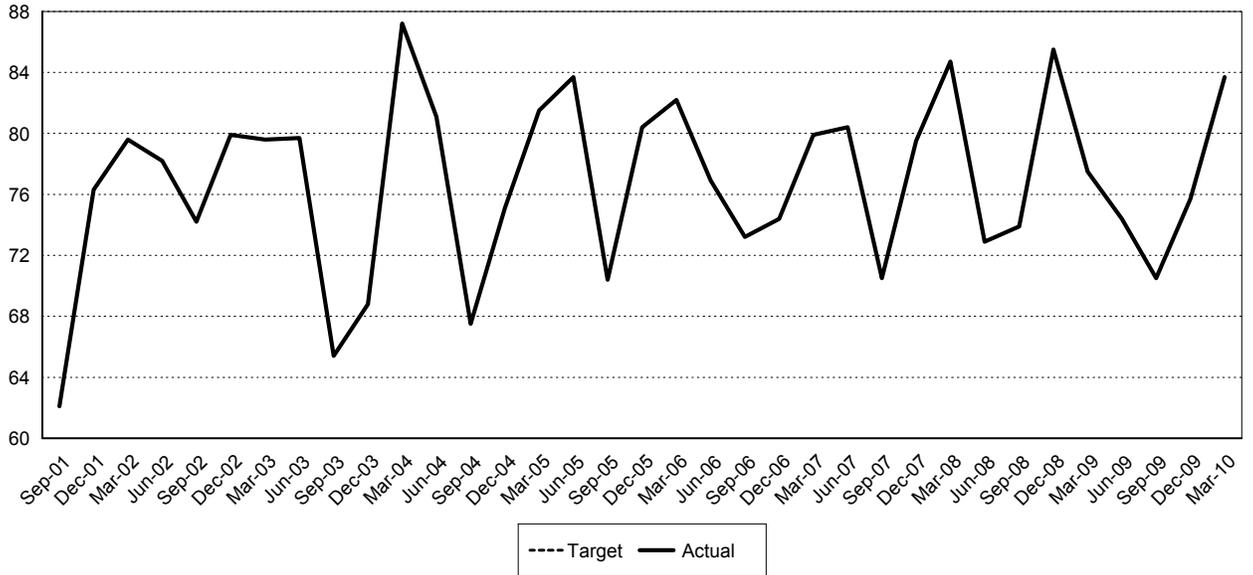
001155 Percent of monitored stream flows below critical flow levels.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	22%	
	Q2	10%	
	Q1	30.8%	
2007-09	Q8	22.5%	
	Q7	32.5%	
	Q6	20.8%	
	Q5	5%	
	Q4	7.5%	
	Q3	27.5%	
	Q2	20.8%	
	Q1	27.5%	
2005-07	Q8	23%	
	Q7	9%	
	Q6	6%	
	Q5	33%	
	Q4	10%	
	Q3	9%	
	Q2	26%	
	Q1	44%	

Percent 001155 - Percent of monitored stream flows below critical flow levels



001166 Statewide river and stream water quality index score.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	83.7	
	Q2	75.7	
	Q1	70.5	
2007-09	Q8	74.4	
	Q7	77.5	
	Q6	85.5	
	Q5	73.9	
	Q4	72.9	
	Q3	84.7	
	Q2	79.5	
	Q1	70.5	
2005-07	Q8	80.4	
	Q7	79.9	
	Q6	74.4	
	Q5	73.2	
	Q4	76.9	
	Q3	82.2	
	Q2	80.4	
	Q1	70.4	

Number **001166 - Statewide river and stream water quality index score**



A028 Improve Environmental Compliance at State's Largest Industrial Facilities

The Department of Ecology provides a single point of contact for petroleum refineries, pulp and paper mills, and aluminum smelters. Rather than having multiple inspectors work on the many environmental issues at a facility, one engineer provides coverage for all media. This means more balanced regulation for these major industries. (Authorizing Laws: RCW 70.94, Washington Clean Air Act; RCW 90.48, Water Pollution Control Act; RCW 70.105, Hazardous Waste Management Act; RCW 70.95C, Waste Reduction; RCW 70.95, Solid Waste Management Act; and RCW 70.105D, Model Toxics Control Act)

Account	FY 2010	FY 2011	Biennial Total
FTE	15.9	15.9	15.9
219 Air Operating Permit Account			
219-1 State	\$451,000	\$489,000	\$940,000
001 General Fund			
001-1 State	\$102,000	\$104,000	\$206,000
001-2 Federal	\$59,000	\$59,000	\$118,000
001-7 Private/Local	\$25,000	\$25,000	\$50,000
001 Account Total	\$186,000	\$188,000	\$374,000
173 State Toxics Control Account			
173-1 State	\$437,000	\$468,000	\$905,000
176 Water Quality Permit Account			
176-1 State	\$849,000	\$902,000	\$1,751,000

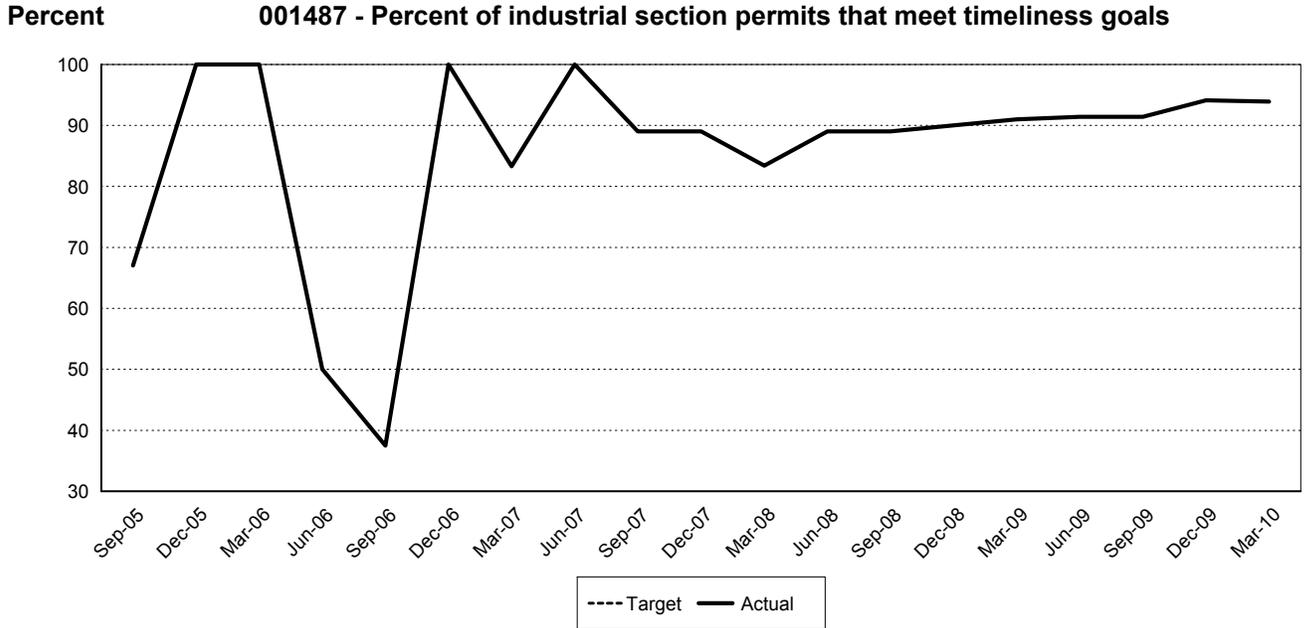
Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Pulp and paper facilities, oil refineries, and aluminum smelters have an improved compliance rate with environmental standards through one-stop environmental permitting, compliance, and technical assistance. Assurance that at least 90 percent permits are up to date at all times. Plant permits comply with federal standards to drive emissions down over time.

001487 Percent of industrial section permit actions that meet the agency timeliness goals.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	93.9%	
	Q2	94.1%	
	Q1	91.4%	
2007-09	Q8	91.4%	
	Q7	91%	
	Q6	90%	
	Q5	89%	
	Q4	89%	
	Q3	83.4%	
	Q2	89%	
	Q1	89%	
2005-07	Q8	100%	
	Q7	83.3%	
	Q6	100%	
	Q5	37.5%	
	Q4	50%	
	Q3	100%	
	Q2	100%	
	Q1	67%	



A029 Prepare and Respond to Drought

The agency provides services to reduce the impact of droughts and to prepare for future droughts and climate change. When droughts are declared, services include providing water through emergency transfers, water right changes, and temporary wells. The agency also provides drought related information and financial assistance and coordinates drought response efforts. Emerging information on climate change is also monitored for future water supply implications.

Account	FY 2010	FY 2011	Biennial Total
032 State Emergency Water Projects Revolving Account			
032-1 State	\$0	\$240,000	\$240,000
001 General Fund			
001-7 Private/Local	\$100,000	\$100,000	\$200,000
05W State Drought Preparedness Account			
05W-1 State	\$0	\$4,000,000	\$4,000,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Achieve sustainable use of public natural resources

Expected Results

Drought effects are monitored, and where feasible, mitigated (such as impacts to water supply and drought preparedness) through improved planning, communication, coordination, and loss prevention efforts.

A030 Prepare for Aggressive Response to Oil and Hazardous Material Incidents

Operators of large commercial vessels and oil handling facilities are required to maintain state-approved oil spill contingency plans to ensure they can rapidly and effectively respond to major oil spills. State planning standards ensure equipment and response personnel are strategically staged on water bodies around the state for immediate deployment. Agency staff review and approve the contingency plans and ensure that plan holders and spill response contractors maintain their readiness through scheduled and unannounced drills. The agency also partners with other agencies to maintain a single contingency plan that guides how spills are managed in the Northwest. Geographic-based response plans (GRPs) are developed by staff working in consultation with other experts. The plans identify and prioritize region-specific response strategies that protect natural resources and other valuable assets during significant oil spills.

Account	FY 2010	FY 2011	Biennial Total
FTE	11.8	11.8	11.8
217 Oil Spill Prevention Account			
217-1 State	\$1,329,000	\$1,314,000	\$2,643,000

Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

The agency and regulated community are fully prepared to promptly respond to oil spills and damages from spills are minimized. Compliance with the industry sponsored Neah Bay response tug is documented in approved contingency plans. Two Geographic Response Plan chapters are updated. The on-going maintenance of response equipment is documented by industry and records verified by Ecology. Ecology targets oil spill related outreach efforts to local governments in coastal communities.

A031 Prevent Hazardous Waste Pollution Through Permitting, Closure, and Corrective Action

Facilities that treat, store, and/or dispose of dangerous wastes are required to obtain a permit to ensure that their design, construction, maintenance, and operating procedures protect public health and the environment. Washington currently has 15 active facilities that are either in "interim status" or have a final permit. These facilities are required to have closure plans to effectively deal with the end of their waste management activities. Environmental contamination found at any time before closure requires a corrective action clean-up plan. The agency is currently working on 27 high-priority corrective action clean-up sites.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	20.5	19.3	19.9
001 General Fund			
001-2 Federal	\$380,000	\$382,000	\$762,000
173 State Toxics Control Account			
173-1 State	\$2,020,000	\$2,062,000	\$4,082,000

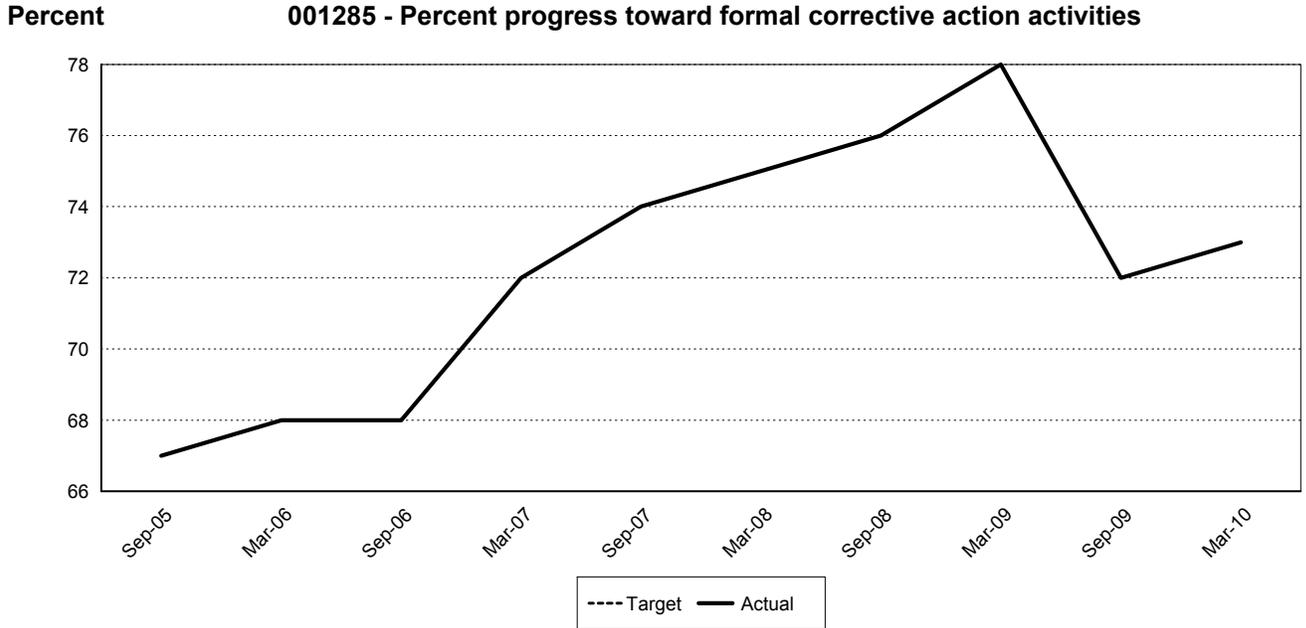
Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Facilities that treat, store, or dispose of hazardous wastes are constructed and operating properly to prevent soil, water, or air contamination. Protective permits for facilities that treat, store, or dispose of hazardous wastes are issued in a timely manner. Eight percent annual increase in the overall cleanup at 39 selected treatment, storage, and disposal facilities. Proper financial assurance requirements are in place at used oil processors and recyclers to fund potential future cleanups at abandoned facilities.

001285 Semi-annual progress toward completed corrective action at 39 priority facilities. Corrective action is the clean up of contamination at hazardous waste treatment, storage and disposal (TSD) facilities.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	73%	
	Q2		
	Q1	72%	
2007-09	Q8		
	Q7	78%	
	Q6		
	Q5	76%	
	Q4		
	Q3	75%	
	Q2		
	Q1	74%	
2005-07	Q8		
	Q7	72%	
	Q6		
	Q5	68%	
	Q4		
	Q3	68%	
	Q2		
	Q1	67%	



A032 Prevent Point Source Water Pollution

The agency protects Washington's water by regulating point source discharges of pollutants to surface and ground waters. This is done with a wastewater permit program for sewage treatment plants and an industrial discharge program for other industries. A permit is a rigorous set of limits, monitoring requirements, or management practices, usually specific to a discharge, which is designed to ensure that a facility can meet treatment standards and water quality limits. The permit is followed by regular inspections and site visits. Technical assistance and follow-up on permit violations also are provided through various means.

Account	FY 2010	FY 2011	Biennial Total
FTE	94.5	92.7	93.6
001 General Fund			
001-1 State	\$713,000	\$73,000	\$786,000
001-2 Federal	\$457,000	\$446,000	\$903,000
001-7 Private/Local	\$421,000	\$455,000	\$876,000
001 Account Total	\$1,591,000	\$974,000	\$2,565,000
173 State Toxics Control Account			
173-1 State	\$381,000	\$818,000	\$1,199,000
176 Water Quality Permit Account			
176-1 State	\$7,806,000	\$7,720,000	\$15,526,000

Statewide Result Area: Improve the quality of Washington's natural resources

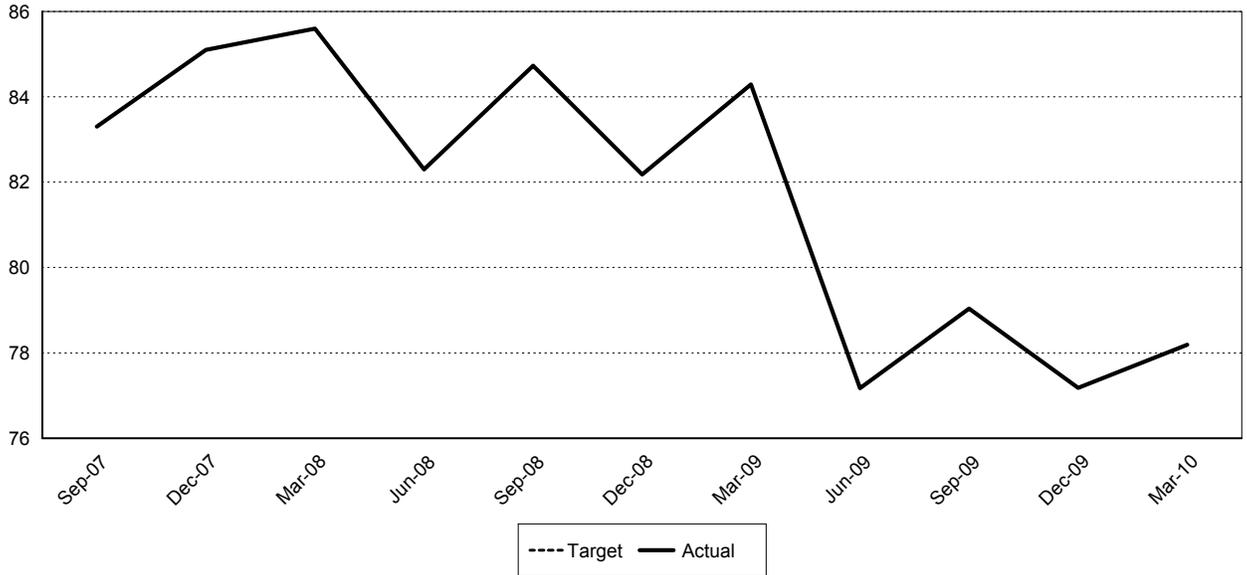
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Fewer wastewater discharges and lower toxicity through administering the permit program for 2,000 permit holders. 100 National Pollution Discharge Elimination System wastewater discharge permits are issued or renewed each year. Active permits are up to date. New permit applicants get responses within 60 days. General permits are developed and managed on schedule for 1,500 dischargers. 700 site visits are done each year. Approximately 2,000 wastewater plant operators get certification. Communities get help increasing the production and use of reclaimed wastewater. Ecology responds to permit violations in a timely manner (within three months for minor violations).

001563 Percent of active water quality discharge permits (national pollutant discharge elimination system permits) that are up to date.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	78.19%	
	Q2	77.18%	
	Q1	79.04%	
2007-09	Q8	77.17%	
	Q7	84.29%	
	Q6	82.18%	
	Q5	84.73%	
	Q4	82.3%	
	Q3	85.6%	
	Q2	85.1%	
	Q1	83.3%	

Percent **001563 - Percent of water quality discharge permits that are up to date**



A033 Prevent Oil Spills from Vessels and Oil Handling Facilities

The Department of Ecology works with the regulated community and others to minimize the environmental threat of oil and chemical spills from vessels and oil handling facilities by focusing on human and organizational factors. This work is carried out through the following core activities: vessel inspections; oversight of oil transfer operations; regulating oil handling facilities; dispatching the Neah Bay Rescue Tug; and incident investigations. This involves monitoring arrivals of 2,600 large cargo and passenger vessels; conducting 1,000 vessel inspections per year; oversight of refueling operations to reduce spill frequency; review and approval of 35 oil handling facility spill prevention plans and operation manuals; implementing innovative approaches to ensure tank vessels use systems that provide "best achievable protection"; managing the rescue tug operations to control disabled tank vessels and cargo ships drifting off of our rugged coast; and investigating near-miss and actual accidents to identify new prevention strategies.

Account	FY 2010	FY 2011	Biennial Total
FTE	23.5	23.5	23.5
001 General Fund			
001-7 Private/Local	\$169,000	\$169,000	\$338,000
174 Local Toxics Control Account			
174-1 State	\$3,600,000	\$0	\$3,600,000
217 Oil Spill Prevention Account			
217-1 State	\$3,006,000	\$2,977,000	\$5,983,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

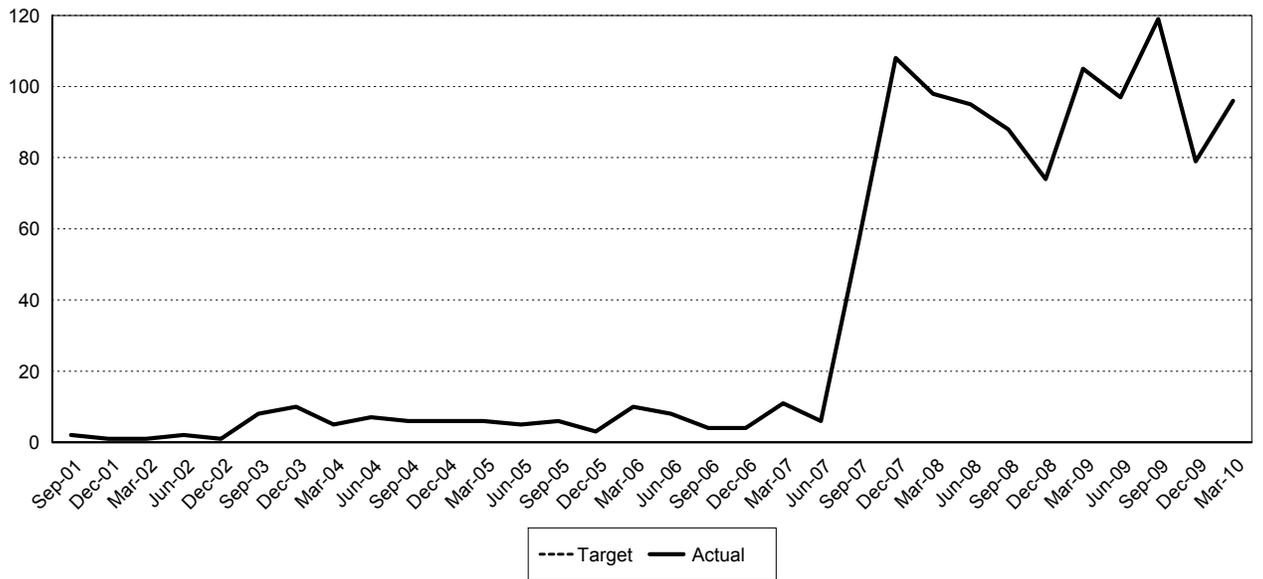
Expected Results

Strive to achieve zero oil spills from vessels and oil handling facilities. Minimize or prevent spills through risk management, the Neah Bay emergency Response vessel, and targeted inspections. Reduced number of oil spills entering surface waters, particularly from marine sources. Reduce total volume of oil entering surface waters to less than 1 gallon for each 100 million gallons transferred over water. Reduce the percentage of vessel and oil transfer accidents by boarding and inspecting targeted high priority vessels and facility operations. The Neah Bay rescue tug helps vessels as needed. Increase tanker and tank barge enrollment in the Exceptional Compliance Program focused on improved vessel safety and environmentally secure operations. Reduce the incidence of Intentional waste oil discharges at sea from vessels.

001469 Number of spills to surface water from all sources.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	96	
	Q2	79	
	Q1	119	
2007-09	Q8	97	
	Q7	105	
	Q6	74	
	Q5	88	
	Q4	95	
	Q3	98	
	Q2	108	
	Q1	56	
2005-07	Q8	6	
	Q7	11	
	Q6	4	
	Q5	4	
	Q4	8	
	Q3	10	
	Q2	3	
	Q1	6	

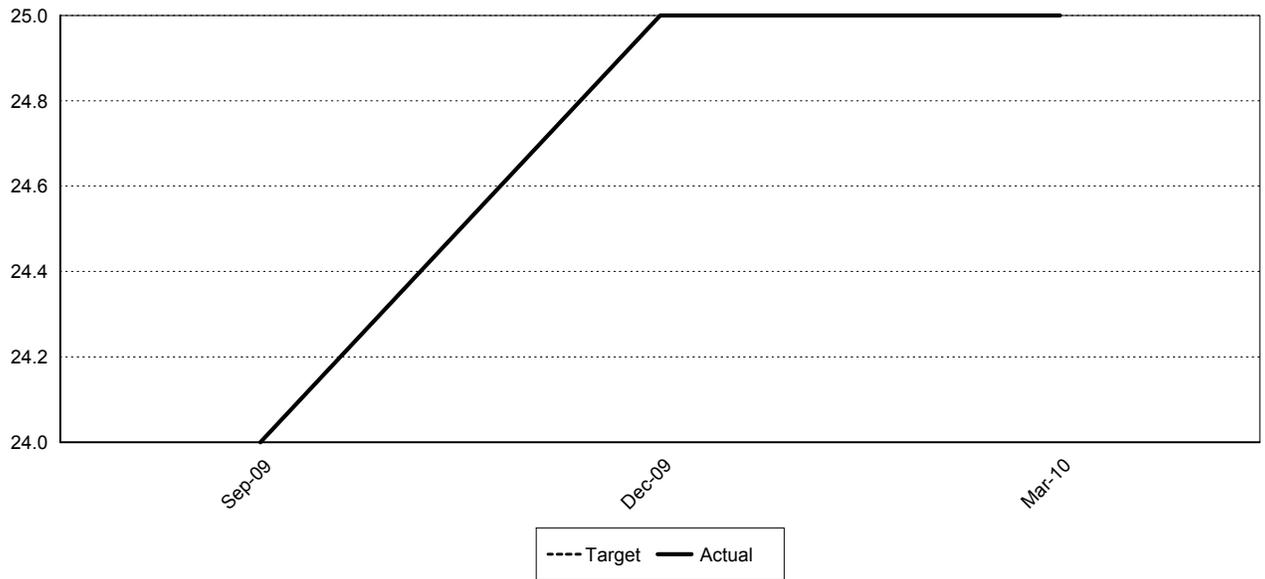
Number

001469 - Number of oil spills that enter surface waters



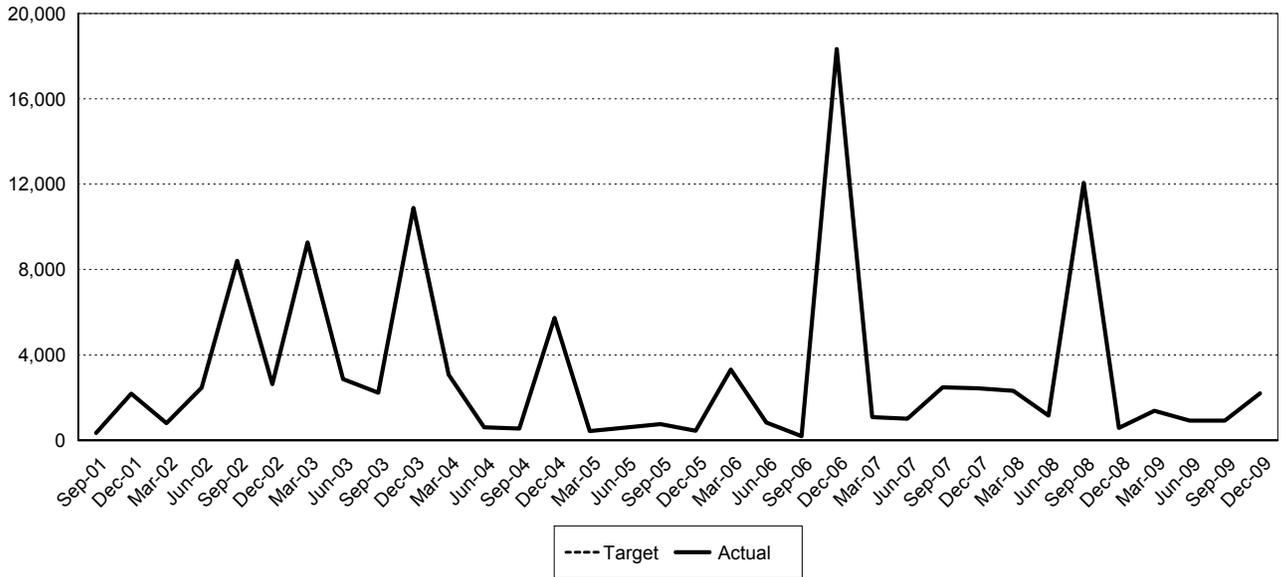
001477 Percent of potential high-risk vessels boarded and inspected.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	25%	
	Q2	25%	
	Q1	24%	

Percent 001477 - Percent of potential high-risk vessels boarded and inspected



001470 Total volume of oil spilled to surface waters from all sources.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	2,198	
	Q1	925	
2007-09	Q8	927	
	Q7	1,379	
	Q6	585	
	Q5	12,068	
	Q4	1,160	
	Q3	2,310	
	Q2	2,434	
	Q1	2,482	
2005-07	Q8	1,010	
	Q7	1,078	
	Q6	18,333	
	Q5	187	
	Q4	825	
	Q3	3,318	
	Q2	450	
	Q1	751	

Number 001470 - Total volume of oil spilled to surface waters from all sources



A034 Prevent Unhealthy Air and Violations of Air Quality Standards

Federal law establishes minimum air standards for six air pollutants known as criteria pollutants. Violations of those standards trigger costly regulatory actions against businesses and consumers, result in economic constraints, and create the potential for severe financial sanctions against the state if problem areas are not cleaned up in a timely manner. To ensure federal standards are met, the agency continuously measures air pollution levels and trends, develops and implements area specific cleanup plans, designs and implements strategies to prevent violations, and develops and implements action plans in natural events, such as wildfires and windblown dust. A recent body of compelling research has shown that the current National Ambient Air Quality Standards for some criteria pollutants are not protective of human health, and these standards are presently under federal review. In light of this new research, the agency is adjusting its focus to assure that the air in Washington is both safe to breathe and meets federal standards. The agency's goals are to have all areas that do not meet minimum federal standards, known as non-attainment areas, classified as "in attainment" by the Environmental Protection Agency by the end of the 2005, and to reduce ambient air pollutant concentrations to levels that ensure air in Washington communities is healthy to breathe and that future violations of National Ambient Air Quality Standards will not occur.

Account	FY 2010	FY 2011	Biennial Total
FTE	13.3	14.3	13.8
216 Air Pollution Control Account			
216-1 State	\$0	\$75,000	\$75,000
001 General Fund			
001-1 State	\$2,544,000	\$2,510,000	\$5,054,000
001-2 Federal	\$2,025,000	\$1,965,000	\$3,990,000
001-7 Private/Local	\$82,000	\$82,000	\$164,000
001 Account Total	\$4,651,000	\$4,557,000	\$9,208,000

Statewide Result Area: Improve the quality of Washington’s natural resources

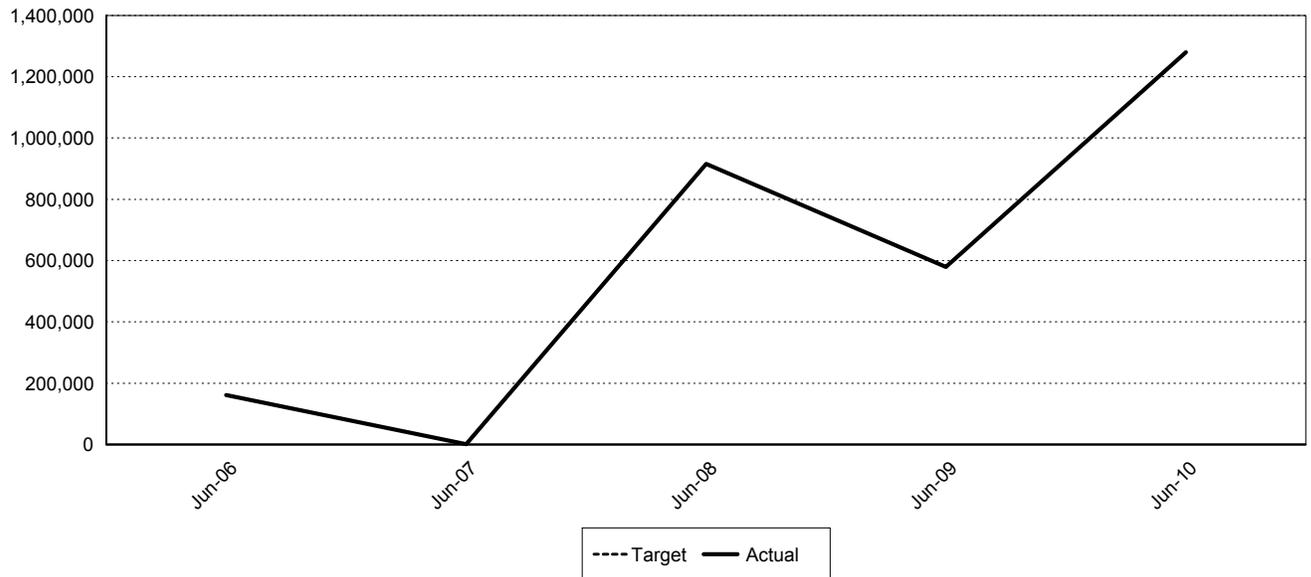
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Air quality standards in Washington are met throughout the state to minimize public health linked to unsafe air. Clean air as classified and officially recognized by the Environmental Protection Agency is attained and maintained and federal sanctions are avoided. Violations of ambient air quality standards are prevented. State Implementation Plan strategies are analyzed and evaluated for areas out of compliance with federal air quality standards (Pierce County/Tacoma) Strategies are evaluated that will help protect areas from violating federal air quality standard, Yakima and Clark Counties for fine particles, other communities for ozone.

001000 Number of citizens exposed to levels of pollution that exceed federal air quality standards.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2	1,280,000	
2007-09	A3	579,100	
	A2	915,200	
2005-07	A3	1,200	
	A2	161,000	

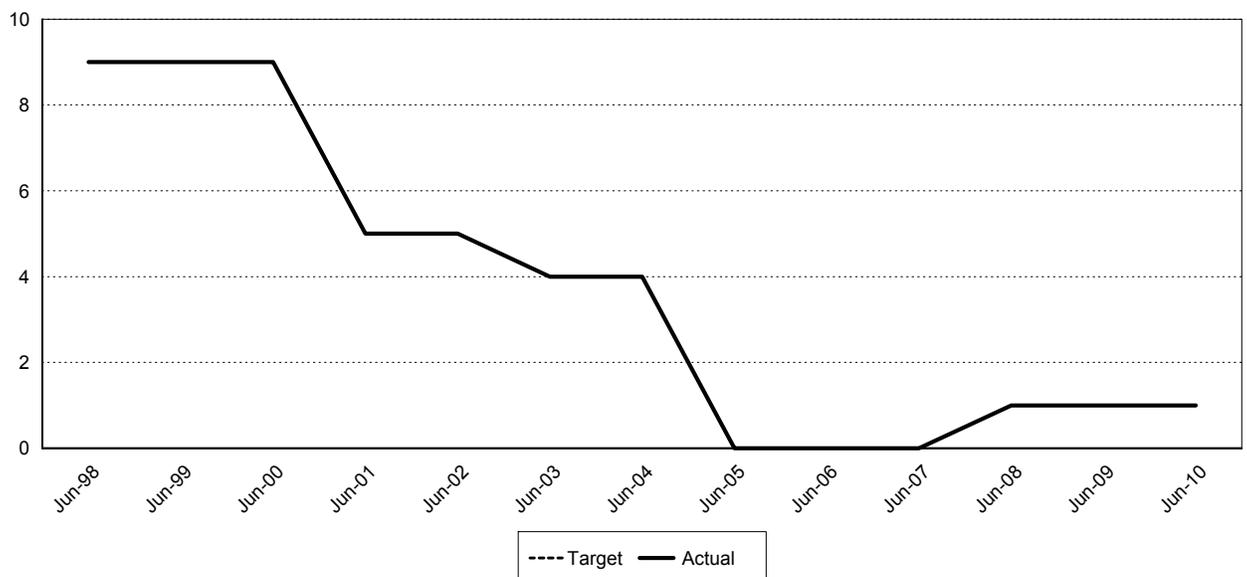
Number 001000 - Citizens exposed to pollution measurements above federal standards



000998 Number of areas in Washington measuring air quality levels that are not in compliance with federal air quality standards.

Biennium	Period	Actual	Target
2009-11	A3		
	A2	1	
2007-09	A3	1	
	A2	1	
2005-07	A3	0	
	A2	0	

Number 000998 - Number of Non-Attainment Areas



A035 Promote Compliance with Water Laws

The agency helps ensure that water users comply with the state's water laws so that other legal water users are not impaired; water use remains sustainable over the long term; and the environment is protected for the benefit of people and nature. Activities include water metering and reporting 80 percent of water use in 16 fish critical basins, along with education, technical assistance, and strategic enforcement in egregious cases.

Account	FY 2010	FY 2011	Biennial Total
FTE	13.1	13.1	13.1
001 General Fund			
001-1 State	\$1,155,000	\$1,139,000	\$2,294,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

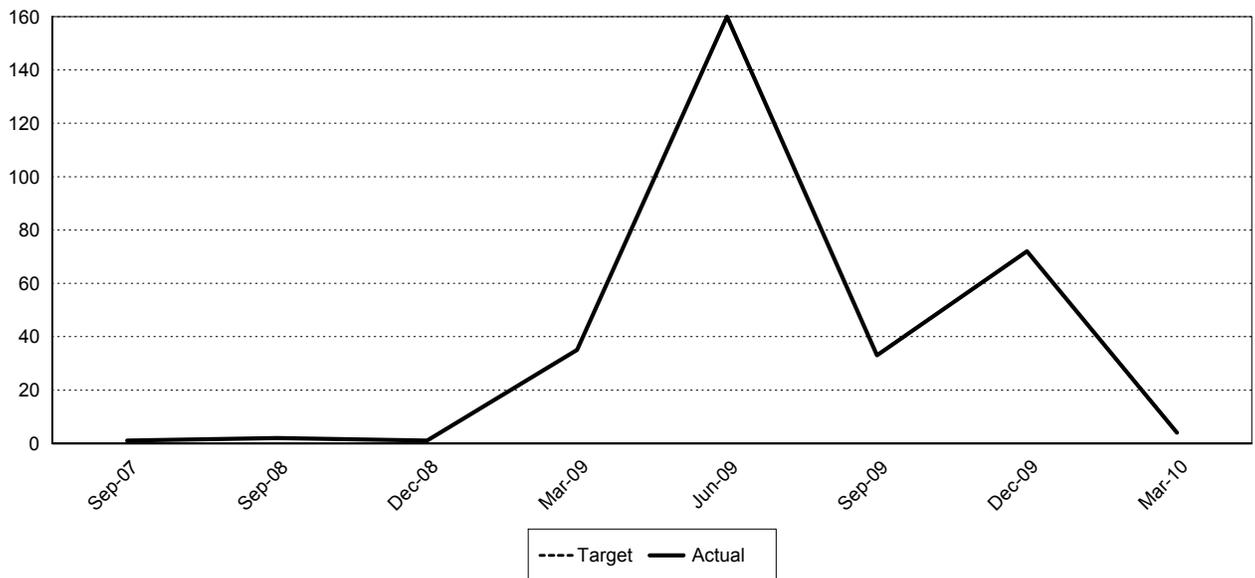
Expected Results

Increased awareness of, and compliance with, the state's water laws so that legal water users and applicants for water rights are not impaired, water use remains sustainable, and the environment is protected. Ninety percent of water is metered and reported in 16 critical water basins. Water right holders receive compliance information, assistance, and strategic enforcement action. Water use on streams with flows set is regulated during periods of low flows.

001575 Number of compliance actions for water management (non-metering)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	4	
	Q2	72	
	Q1	33	
2007-09	Q8	160	
	Q7	35	
	Q6	1	
	Q5	2	
	Q4		
	Q3		
	Q2		
	Q1	1	

Number

001575 - Number of compliance actions for water management



A036 Protect and Manage Shorelines in Partnership with Local Governments

The Shoreline Management Act establishes a cooperative program between local and state governments, in which local governments develop and administer local Shoreline Master Programs, and the Department of Ecology provides support and oversight. The agency is involved in shoreline management in four primary ways: developing guidelines for local shoreline programs; providing technical assistance to local governments and applicants on shoreline planning and permitting activities; reviewing and approving amendments to local shoreline master programs; and reviewing permits to ensure resource protection and implementation of the law. The agency works with local governments on permit compliance by responding to public inquiries and complaints, making field visits, providing compliance-related technical assistance, and issuing notices of correction, orders, and penalties. Properly managed shorelines provide habitat for fish and wildlife, minimize flooding and property damage, and provide land-use certainty to local landowners.

Account	FY 2010	FY 2011	Biennial Total
FTE	33.9	36.8	35.4
001 General Fund			
001-1 State	\$3,986,000	\$3,837,000	\$7,823,000
001-2 Federal	\$1,849,000	\$1,588,000	\$3,437,000
001-7 Private/Local	\$57,000	\$57,000	\$114,000
001 Account Total	\$5,892,000	\$5,482,000	\$11,374,000
174 Local Toxics Control Account			
174-1 State	\$1,000,000	\$2,000,000	\$3,000,000
173 State Toxics Control Account			
173-1 State	\$210,000	\$275,000	\$485,000

Statewide Result Area: Improve the quality of Washington’s natural resources

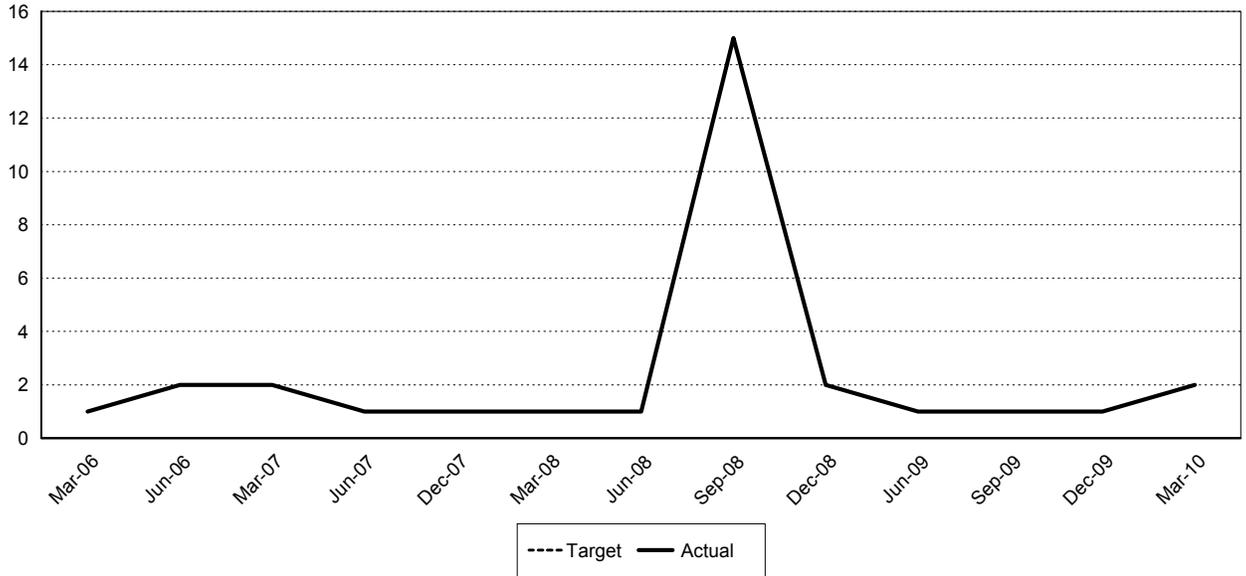
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Shorelines of the state are protected, restored and managed consistent with state and local laws. Local governments get technical and financial assistance to update their shoreline master programs. Permits approved by local governments are consistent with their shoreline master programs.

001453 Number of the communities (cities and counties) that have submitted updated Shoreline Master Plans.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	2	
	Q2	1	
	Q1	1	
2007-09	Q8	1	
	Q7		
	Q6	2	
	Q5	15	
	Q4	1	
	Q3	1	
	Q2	1	
	Q1		
2005-07	Q8	1	
	Q7	2	
	Q6		
	Q5		
	Q4	2	
	Q3	1	
	Q2		
	Q1		

Number 001453 - Number of the communities (cities and counties) that have submitted updated Shoreline Master Plans



A037 Protect Water Quality by Reviewing and Conditioning Construction Projects

The Department of Ecology issues water quality certifications and Coastal Zone Management Act consistency determinations for water-related construction projects. Staff provide early review on projects whenever possible (e.g., through State Environmental Policy Act review and pre-application meetings) and provide project guidance and technical assistance through phone calls, e-mails, site visits, and workshops. Projects are approved, denied, or conditioned to protect water quality, sediment quality, and fish and shellfish habitat. This activity allows the state to actively participate in federal permitting activities to ensure that state interests are adequately represented and considered.

Account	FY 2010	FY 2011	Biennial Total
FTE	11.5	11.5	11.5
001 General Fund			
001-1 State	\$789,000	\$785,000	\$1,574,000
001-2 Federal	\$275,000	\$275,000	\$550,000
001 Account Total	\$1,064,000	\$1,060,000	\$2,124,000
173 State Toxics Control Account			
173-1 State	\$88,000	\$85,000	\$173,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

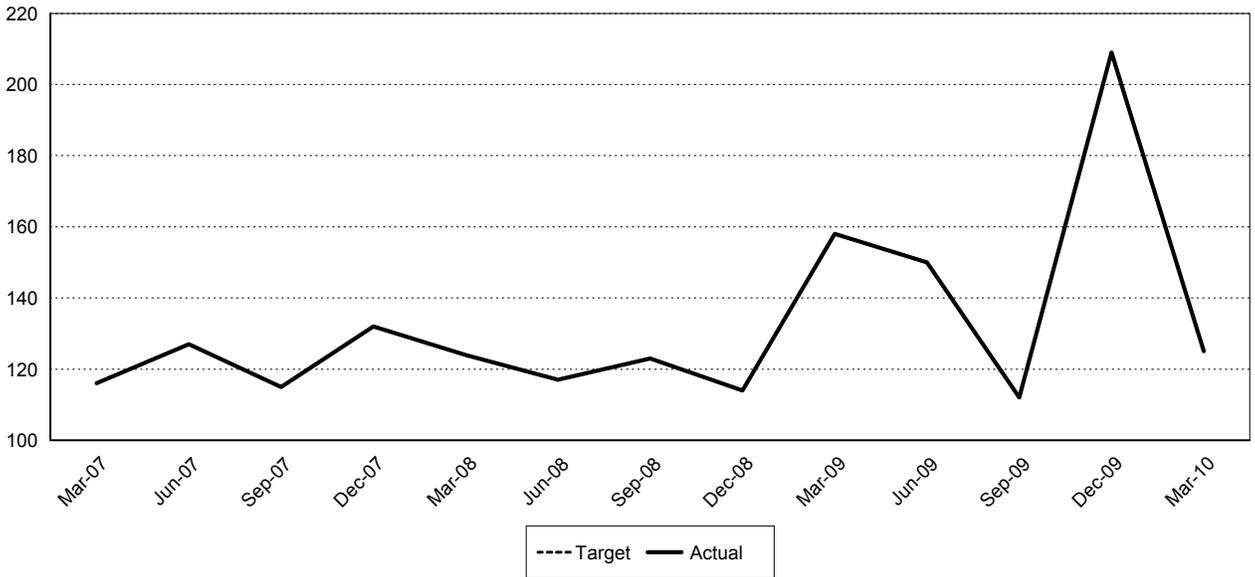
Expected Results

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Water quality, habitat, and aquatic life are protected and managed consistent with federal, state, and local laws. Applicants get technical help on reducing impacts and permit issues. Decisions are timely, thorough, and consistent. The average number of days it takes to make a 401 permit certification decision is reduced. Projects comply with permit conditions.

001456 The number of days it takes to make a final decision on 401 water quality certifications.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	125	125
	Q2	209	
	Q1	112	
2007-09	Q8	150	
	Q7	158	
	Q6	114	
	Q5	123	
	Q4	117	
	Q3	124	
	Q2	132	
	Q1	115	
2005-07	Q8	127	
	Q7	116	
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number **001456 - Number of days to make decision on 401 certifications**



A038 Protect, Restore, and Manage Wetlands

The Department of Ecology has the lead responsibility in implementing the state Water Pollution Control Act, which requires the protection of wetlands. The agency provides technical assistance to local governments, helping them implement requirements in the Shoreline Management and Growth Management acts. Staff also provide technical assistance to non-government entities on wetlands conservation and stewardship programs. The agency provides leadership on wetlands issues, coordinating statewide policy issues, and developing new approaches for managing and restoring wetlands. Properly functioning wetlands protect water quality, reduce flooding, provide aquifer recharge for drinking water and other uses, and provide critical habitat for fish and wildlife.

Account	FY 2010	FY 2011	Biennial Total
FTE	27.2	25.1	26.2
001 General Fund			
001-1 State	\$1,978,000	\$1,919,000	\$3,897,000
001-2 Federal	\$5,884,000	\$7,481,000	\$13,365,000
001-7 Private/Local	\$86,000	\$86,000	\$172,000
001 Account Total	\$7,948,000	\$9,486,000	\$17,434,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

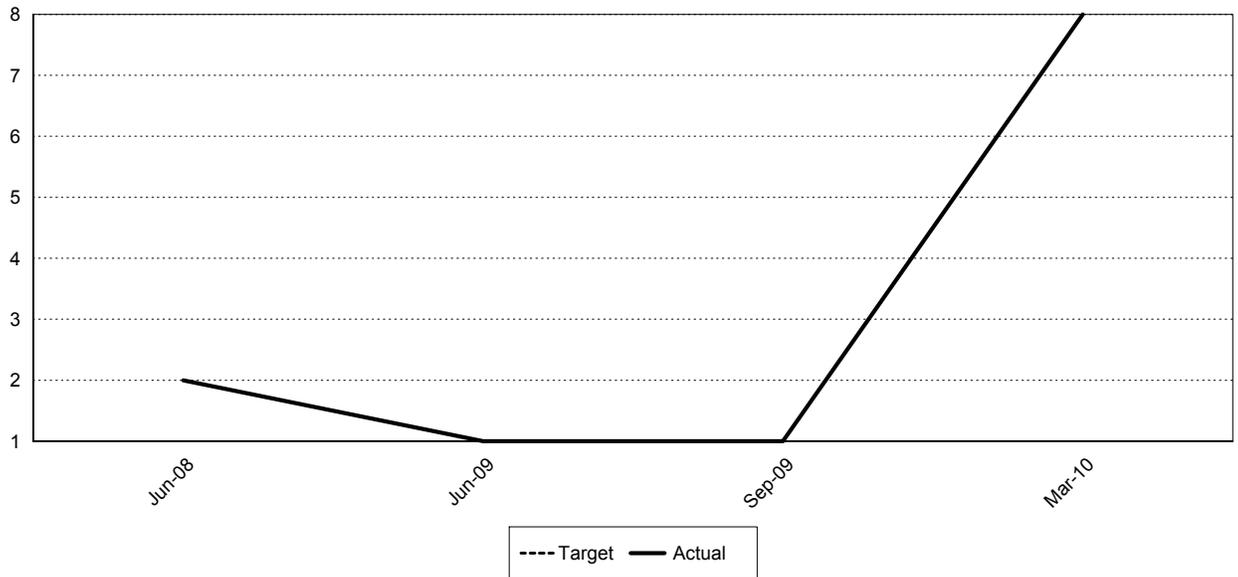
Expected Results

Wetlands are protected, restored and managed consistent with state and local permits and laws. Local governments and other parties get technical assistance to carry out local wetland protection efforts. Wetland losses are fully replaced by improving the success rate of wetland mitigation. Approved mitigation achieves compliance through meaningful performance standards, and monitoring project success.

001467 Number of completed watershed characterizations.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	8	
	Q2		
	Q1	1	
2007-09	Q8	1	
	Q7		
	Q6		
	Q5		
	Q4	2	
	Q3		
	Q2		
	Q1		

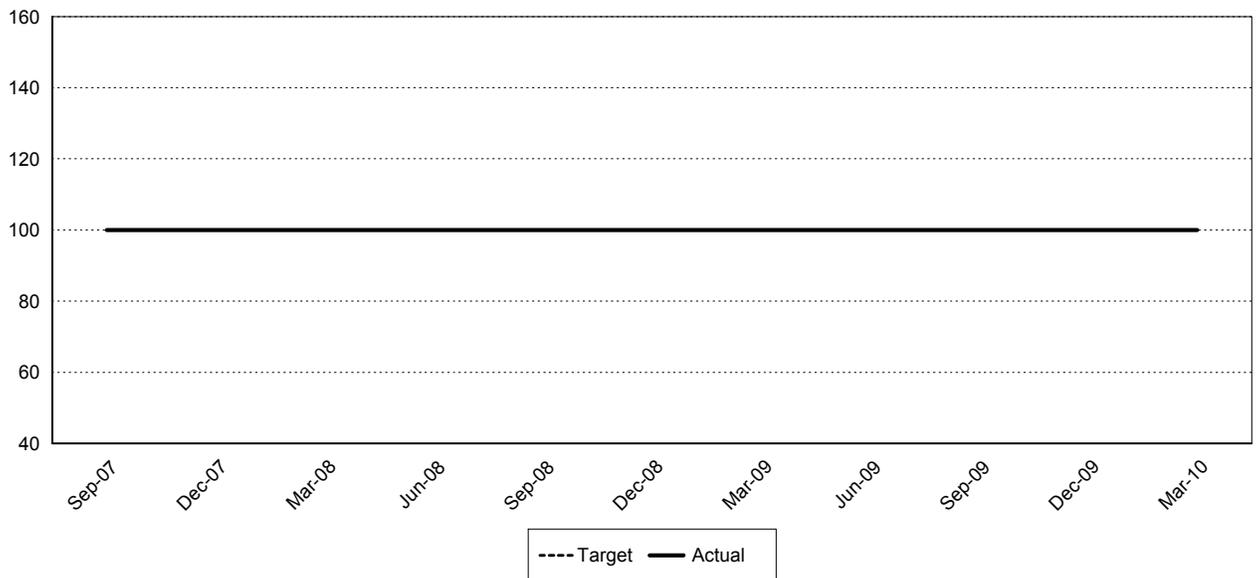
Number

001467 - Number of completed watershed characterizations



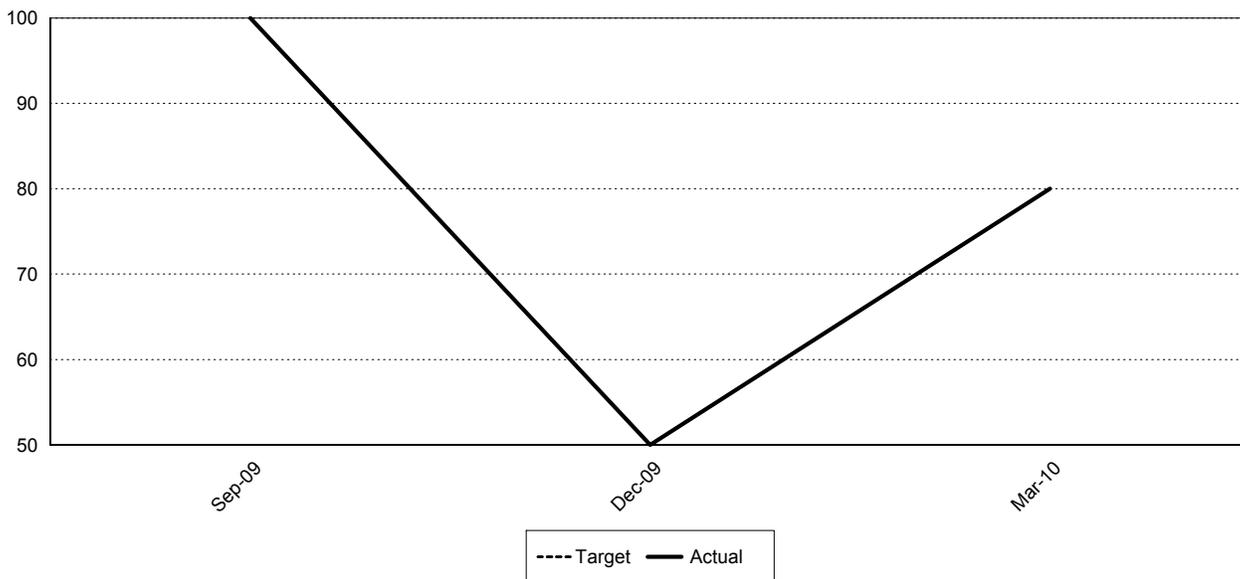
001458 Percent of mitigation sites inspected within 18 months after receipt of as-built reports.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	100%	
	Q2	100%	
	Q1	100%	
2007-09	Q8	100%	
	Q7	100%	
	Q6	100%	
	Q5	100%	
	Q4	100%	
	Q3	100%	
	Q2	100%	
	Q1	100%	

Percent 001458 - Percent of mitigation sites inspected within 18 months after as-built is received



001468 Percent of wetland banking certification documents reviewed within 30 days of receipt; except for Mitigation bank instruments which will be reviewed within 90 days.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	80%	
	Q2	50%	
	Q1	100%	

Percent 001468 - Percent of wetland banking certification documents reviewed within 30 days of receipt



A039 Provide Technical and Financial Assistance for Local Watershed Planning and Implementation

In 1998, the Watershed Planning Act established a framework for state, local, and tribal governments to collaboratively create watershed plans that address water needs, reduce water pollution, and protect fish habitat. As the first watershed plans come to completion, emphasis shifts to implementation of the water management strategies contained in the plans. The agency supports watershed planning and implementation by providing staff support, technical and financial assistance to local groups, and by adopting the county-approved plans into rules. The agency also implements strategies for water resource management, as agreed to in the locally-developed watershed plans.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	12.3	12.3	12.3
001 General Fund			
001-1 State	\$6,057,000	\$5,080,000	\$11,137,000
001-2 Federal	\$5,000	\$5,000	\$10,000
001 Account Total	\$6,062,000	\$5,085,000	\$11,147,000

Statewide Result Area: Improve the quality of Washington’s natural resources

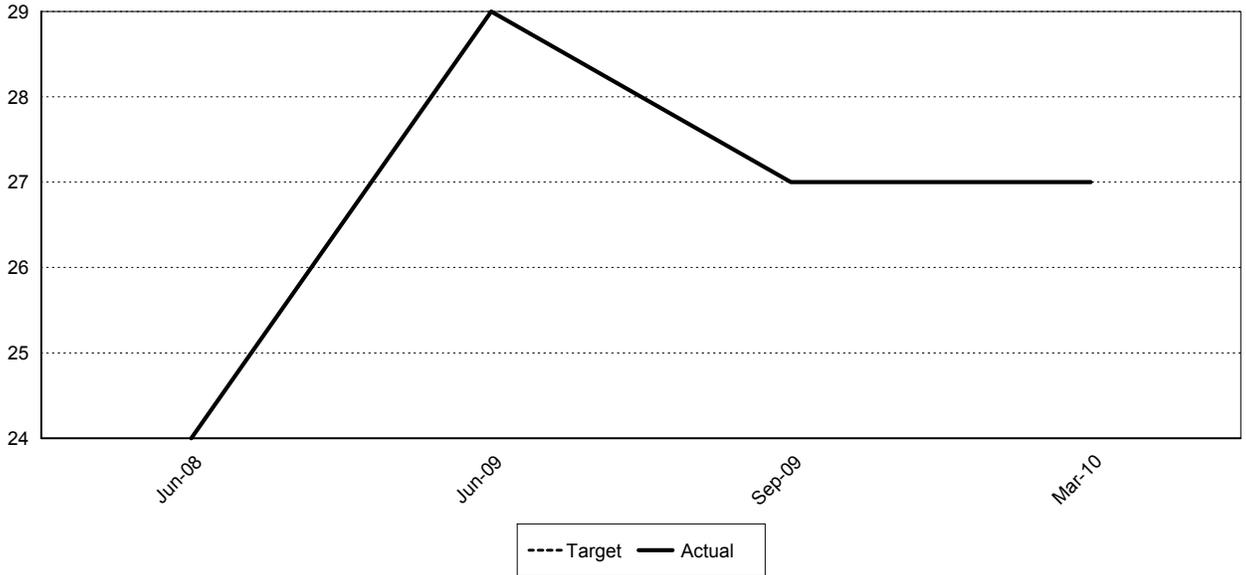
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Future in-stream and out-of-stream needs are managed consistent with adopted watershed plans. Local planning groups get technical and financial assistance for plan implementation and updates. Local, state, and tribal organizations and stakeholders participate in solving water issues.

001462 Number of Watershed Planning Units in Phase 4 - Plan Implementation.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	27	
	Q2		
	Q1	27	
2007-09	Q8	29	
	Q7		
	Q6		
	Q5		
	Q4	24	
	Q3		
	Q2		
	Q1		

Number 001462 - Number of watersheds in the implementation of watershed planning



A040 Provide Technical and Financial Assistance to Local Governments to Reduce Flood Hazards

The Department of Ecology administers the Flood Control Assistance Account Program, providing grants and technical assistance to local governments for flood damage reduction projects and comprehensive flood hazard management planning. Staff review and approve local Comprehensive Flood Hazard Management Plans and inspect construction of flood damage reduction projects. The Department of Ecology is also the state’s coordinating agency for the National Flood Insurance Program (NFIP) and receives an annual Community Assistance Program grant to provide technical assistance and support to 286 communities enrolled in the NFIP. In this role, staff make regularly scheduled technical assistance visits to communities, assess local regulatory programs for compliance with state and federal requirements, and provide workshops and other outreach on flood hazard recognition and reduction. Proper flood control planning and projects protect both private and public property, as well as natural resources and fish and wildlife habitat.

Account	FY 2010	FY 2011	Biennial Total
FTE	7.4	7.4	7.4
02P Flood Control Assistance Account			
02P-1 State	\$859,000	\$843,000	\$1,702,000
001 General Fund			
001-1 State	\$5,000	\$5,000	\$10,000
001-2 Federal	\$454,000	\$227,000	\$681,000
001 Account Total	\$459,000	\$232,000	\$691,000

Statewide Result Area: Improve the quality of Washington’s natural resources

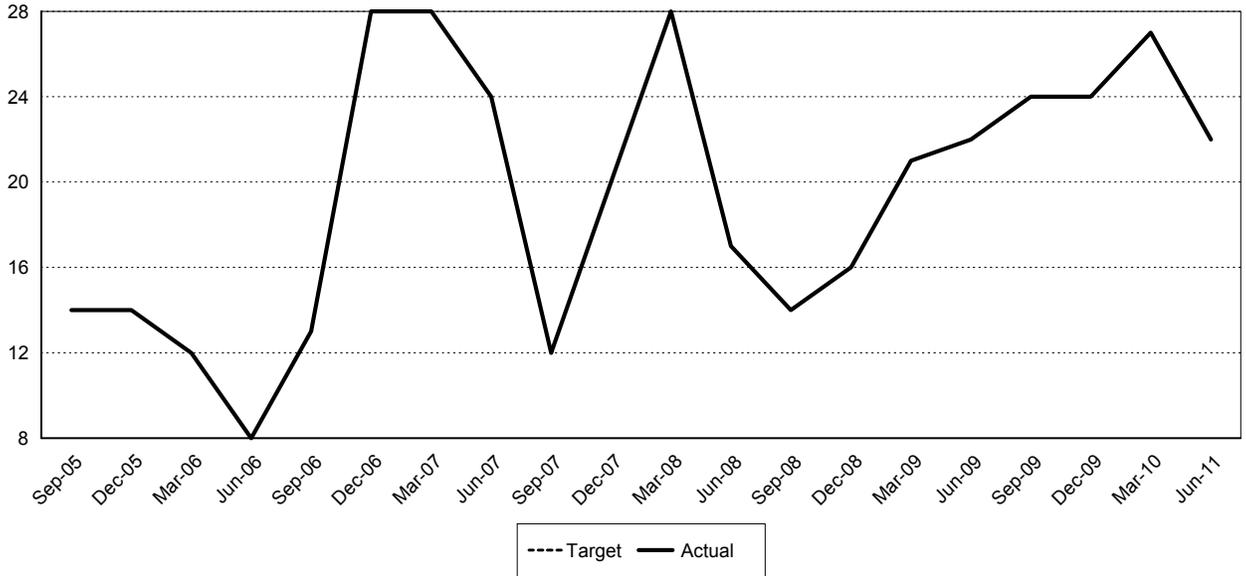
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Local flood hazard management plans and flood control projects reduce flood damage to property and the environment. Local governments get technical and financial help to maintain flood management programs and respond to flooding. Flood-prone communities are better prepared for responding to flooding emergencies.

001455 Number of flood-prone communities receiving direct support on regulatory issues, flood hazard reduction, and the protection of floodplain functions and values.			
Biennium	Period	Actual	Target
2009-11	Q8	22	
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	27	
	Q2	24	
	Q1	24	
2007-09	Q8	22	
	Q7	21	
	Q6	16	
	Q5	14	
	Q4	17	
	Q3	28	
	Q2	20	
	Q1	12	
2005-07	Q8	24	
	Q7	28	
	Q6	28	
	Q5	13	
	Q4	8	
	Q3	12	
	Q2	14	
	Q1	14	

Number 001455 - Number of flood-prone comm recvng direct support on reg issues, flood haz reduc, prot floodplain



A041 Provide Technical Assistance on State Environmental Policy Act (SEPA) Review

SEPA was adopted in 1971 to ensure that state and local decision makers consider the environmental impacts of their actions. The SEPA law provides an opportunity for local citizen involvement in the environmental review process and provides developers an opportunity to identify mitigation opportunities that facilitate overall project approval and minimize development costs. The agency provides training and assistance to local governments and the public, and manages the SEPA register.

Account	FY 2010	FY 2011	Biennial Total
FTE	5.7	5.7	5.7
001 General Fund			
001-1 State	\$545,000	\$550,000	\$1,095,000
001-2 Federal	\$54,000	\$54,000	\$108,000
001 Account Total	\$599,000	\$604,000	\$1,203,000

Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

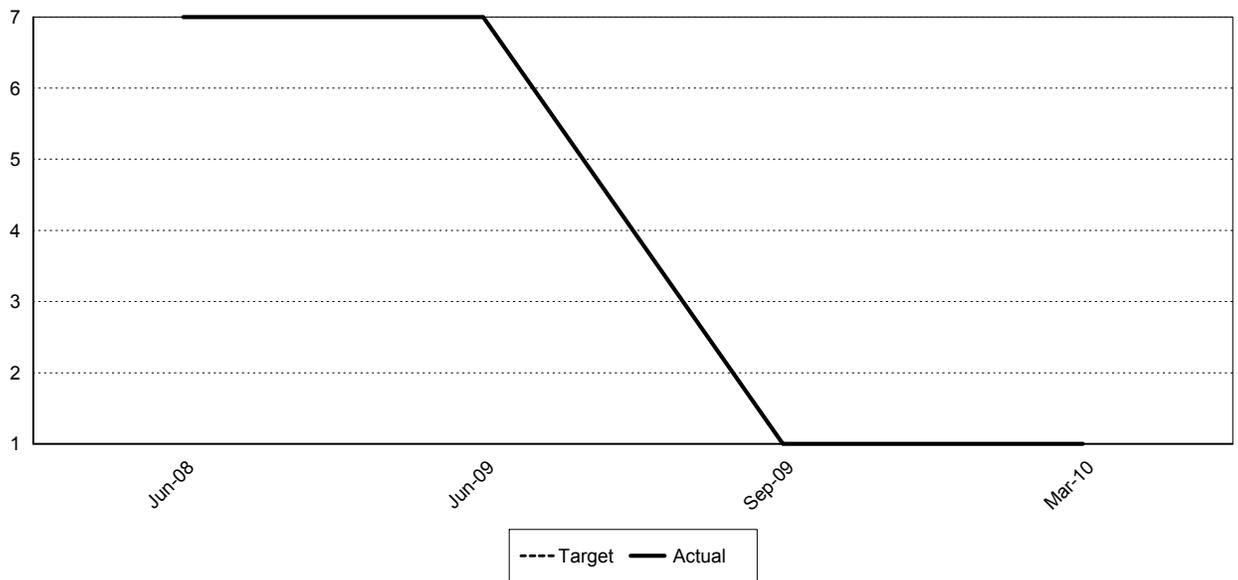
Expected Results

The public has input into projects that may have environmental impact. Local governments and state agencies get technical assistance on how to apply SEPA in their communities. Local and state decision makers use the SEPA process to analyze and mitigate environmental impacts of proposals.

001463 Number of State Environmental Policy Act workshops provided.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	1	
	Q2		
	Q1	1	
2007-09	Q8	7	
	Q7		
	Q6		
	Q5		
	Q4	7	
	Q3		
	Q2		
	Q1		

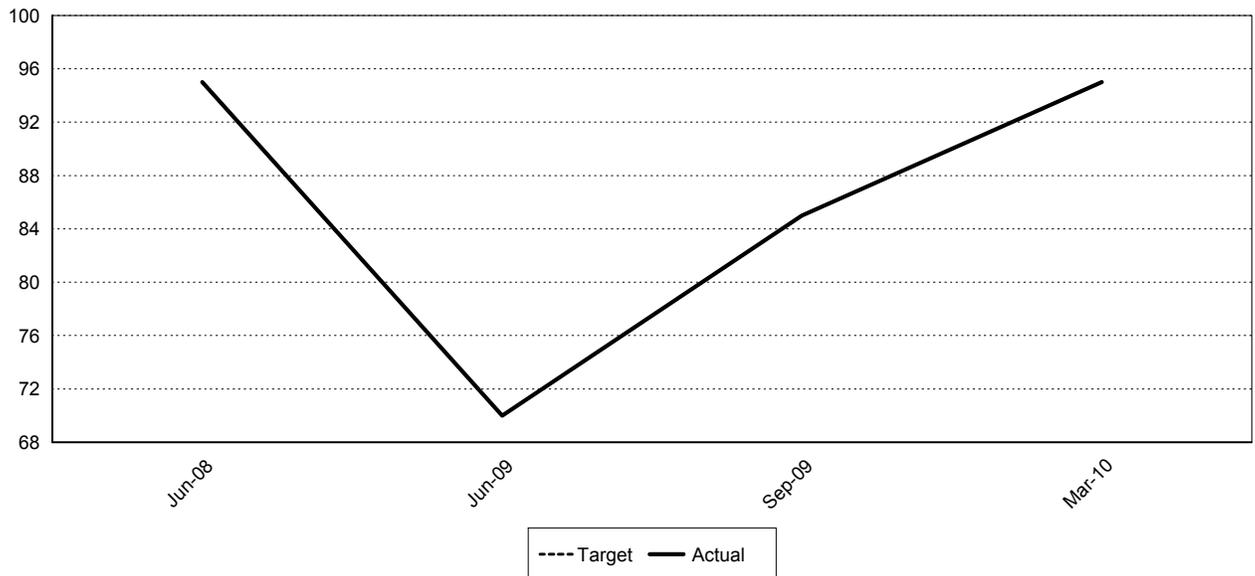
Number

001463 - Number of SEPA workshops provided



001464 Percent of State Environmental Policy Act workshop participants who said they intend to apply what they learned in their work.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	95%	100%
	Q2		
	Q1	85%	
2007-09	Q8	70%	
	Q7		
	Q6		
	Q5		
	Q4	95%	
	Q3		
	Q2		
	Q1		

Percent 001464 - Percent of SEPA workshop participants who will apply what they learned



A042 Provide Technical Training, Education, and Research through Padilla Bay Estuarine Reserve

The Padilla Bay National Estuarine Research Reserve is one of 25 national reserves established to protect estuaries for research and education. The Padilla Bay Reserve in Skagit County conducts a broad array of public education programs, technical and professional training, coastal restoration, and scientific research and monitoring. The reserve, managed in partnership with the National Oceanic and Atmospheric Administration (NOAA), includes over 11,000 acres of tidelands and uplands; the Breazeale Interpretive Center; a research laboratory; residential quarters; trails; and support facilities. The reserve also provides funding and technical support to local Marine Resource Committees as part of the Northwest Straits Initiative, and administers the Northwest Straits Marine Commission as established by Senator Murray in 1998.

Account	FY 2010	FY 2011	Biennial Total
FTE	17.8	17.8	17.8
001 General Fund			
001-1 State	\$734,000	\$745,000	\$1,479,000
001-2 Federal	\$2,216,000	\$2,216,000	\$4,432,000
001-7 Private/Local	\$95,000	\$95,000	\$190,000
001 Account Total	\$3,045,000	\$3,056,000	\$6,101,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Improve individual practices and choices about natural resources

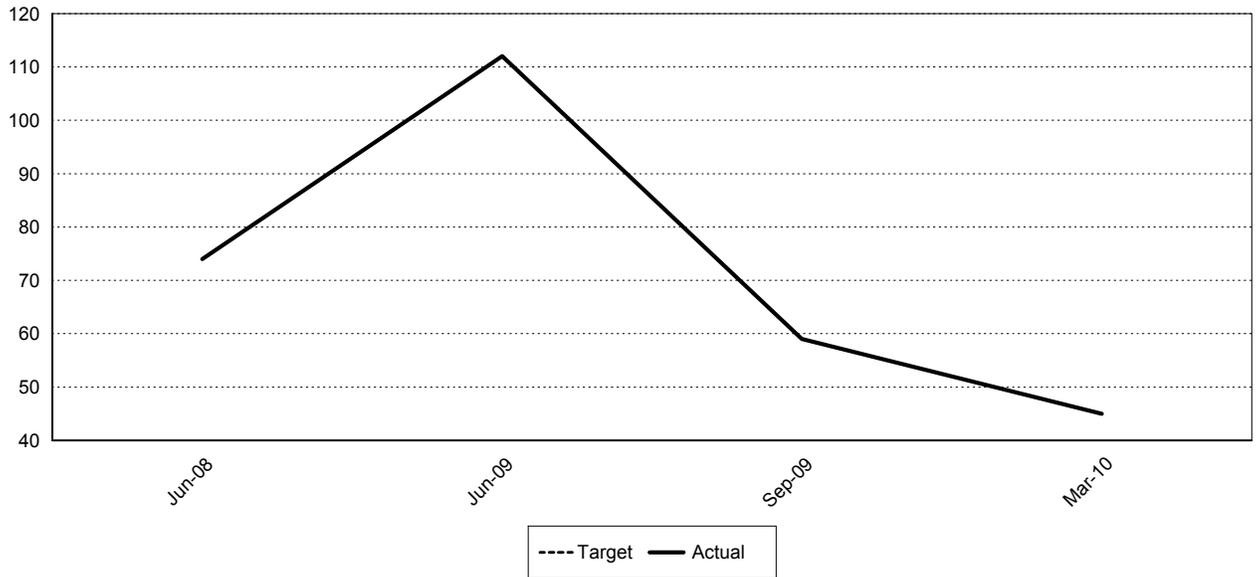
Expected Results

The Padilla Bay Reserve is managed and maintained in a cost-efficient and effective way to provide public education, training, and scientific research and monitoring. Students, teachers, professionals, and researchers participate in education and training programs. Coastal ecosystem research is carried out and shared with government and academic organizations. Coastal and land-use managers and planners are trained to carry out environmental policies and rules in Western Washington. Volunteers and professionals carry out Puget Sound restoration activities, including derelict gear removal, marine debris collection, and habitat enhancements.

001461 Acres of Puget Sound cleaned of derelict fishing nets.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	45	
	Q2		
	Q1	59	
2007-09	Q8	112	
	Q7		
	Q6		
	Q5		
	Q4	74	
	Q3		
	Q2		
	Q1		

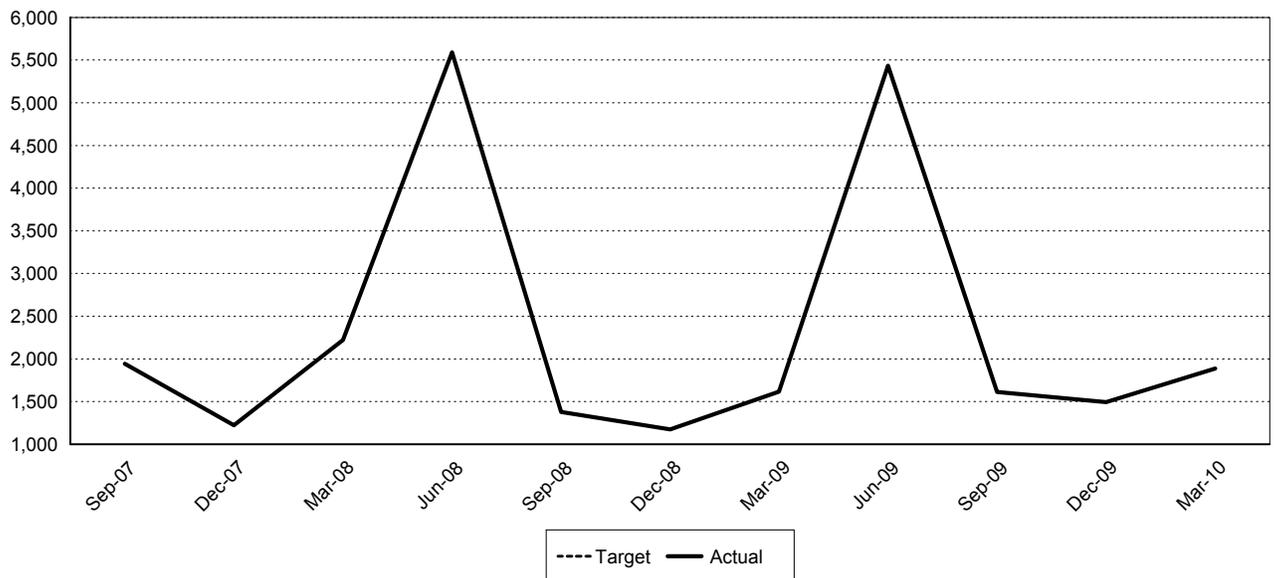
Number

001461 - Acres of Puget Sound cleaned of derelict fishing nets



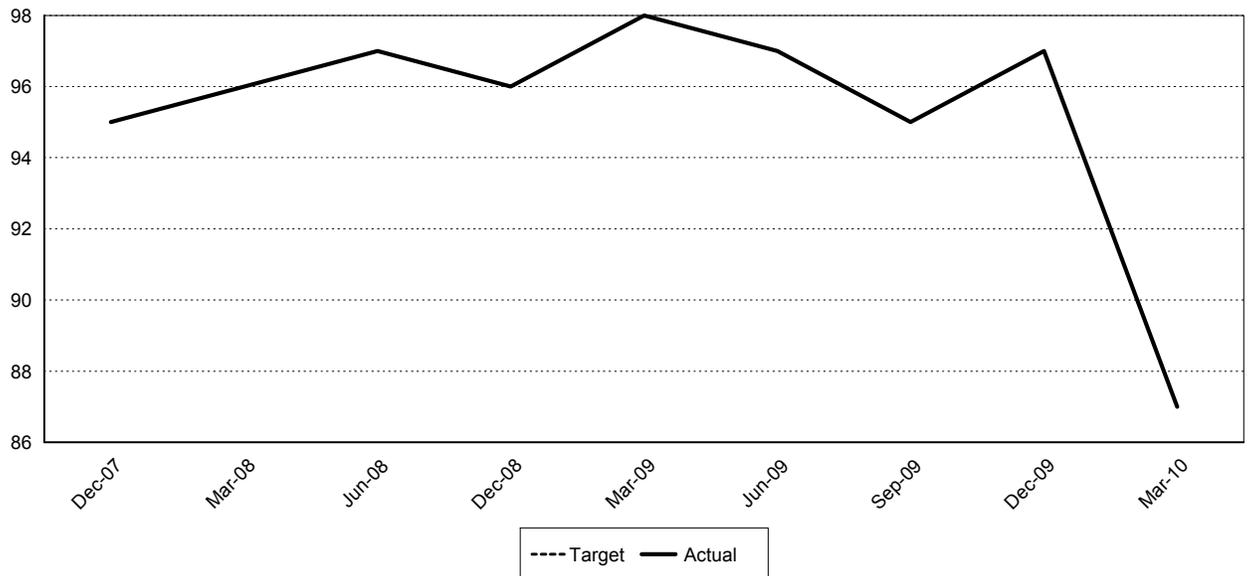
001459 Number of teachers, students, adults, and professionals participating in Puget Sound education and training programs at the Padilla Bay Reserve.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	1,886	
	Q2	1,493	
	Q1	1,611	
2007-09	Q8	5,435	
	Q7	1,617	
	Q6	1,173	
	Q5	1,380	
	Q4	5,590	
	Q3	2,223	
	Q2	1,221	
	Q1	1,943	

Number 001459 - Number of people taking education and training at Padilla Bay Reserve



001460 Percent of Puget Sound and coastal training workshop participants who said they intend to apply what they learned in their work.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	87%	
	Q2	97%	
	Q1	95%	
2007-09	Q8	97%	
	Q7	98%	
	Q6	96%	
	Q5		
	Q4	97%	
	Q3	96%	
	Q2	95%	
	Q1		

Percent 001460 - Percent of coastal training workshop attendees who intend to apply what they learned



A043 Provide Water Quality Financial Assistance

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

The agency provides grants, low-interest loans, and technical assistance to local governments, state agencies, and tribes to enable them to build, upgrade, repair, or replace facilities to improve and protect water quality. This includes meeting the state's obligation to manage the Water Pollution Control Revolving Fund in perpetuity. The agency also funds nonpoint-source control projects such as watershed planning, stormwater management, freshwater aquatic weed management, education, and agricultural best management practices. Grants are targeted to nonpoint-source problems and communities where needed wastewater facilities projects would be a financial hardship for taxpayers. Local governments use loans for both point and nonpoint-source water pollution prevention and correction projects. The agency coordinates grant and loan assistance with other state and federal funding agencies.

Account	FY 2010	FY 2011	Biennial Total
FTE	36.0	39.2	37.6
10A Freshwater Aquatic Algae Control Account			
10A-1 State	\$234,000	\$262,000	\$496,000
222 Freshwater Aquatic Weeds Account			
222-1 State	\$627,000	\$775,000	\$1,402,000
001 General Fund			
001-1 State	\$1,715,000	\$1,429,000	\$3,144,000
001-2 Federal	\$3,832,000	\$4,400,000	\$8,232,000
001 Account Total	\$5,547,000	\$5,829,000	\$11,376,000
174 Local Toxics Control Account			
174-1 State	\$2,286,000	\$6,713,000	\$8,999,000
173 State Toxics Control Account			
173-1 State	\$13,000	\$125,000	\$138,000
727 Water Pollution Control Revolv Acct			
727-1 State	\$206,000	\$253,000	\$459,000
727-2 Federal	\$870,000	\$1,046,000	\$1,916,000
727 Account Total	\$1,076,000	\$1,299,000	\$2,375,000

Statewide Result Area: Improve the quality of Washington’s natural resources

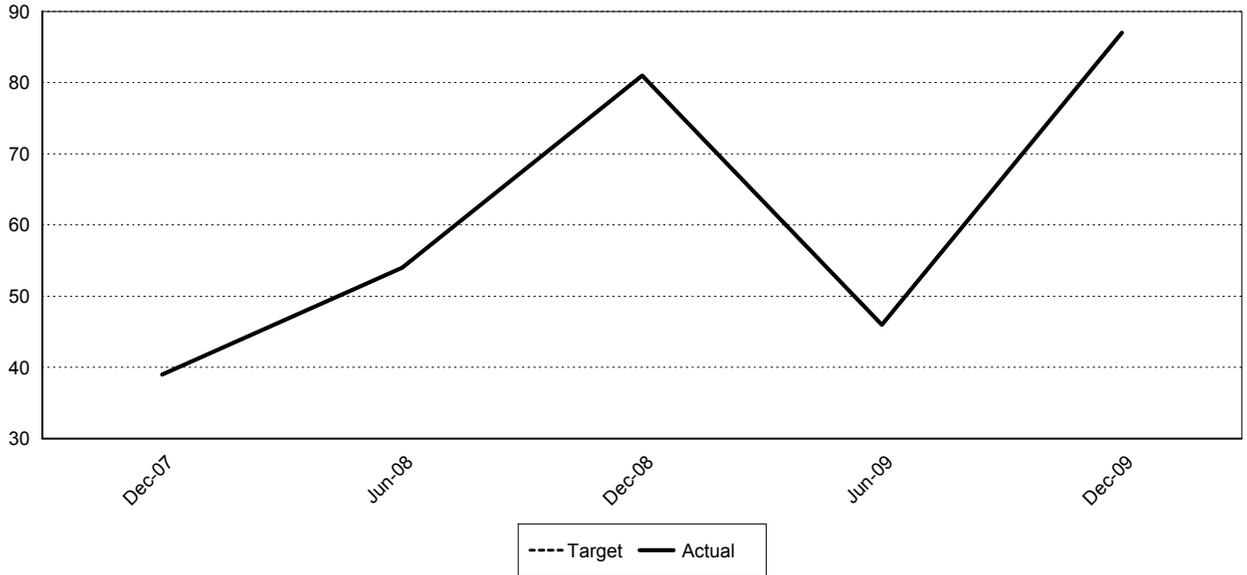
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Public funds dedicated to improving water quality are managed responsibly to protect public health and the environment. Water quality is improved by awarding about \$75 million in water quality grants and loans per year to local communities. About sixty new grants and loans are awarded per year for projects under existing and ongoing financial assistance programs that demonstrate clear benefits for the environment. Additional grants are awarded each year for stormwater projects, based on newly appropriated funds. Approximately 350 existing grants are managed each year. Local governments get support through implementing revised grant and loan program rules that address updated water quality needs, the State Revolving Fund loan program perpetuity, balanced funding allocations, and design-build alternative contracting options. Environmental benefits are documented and illustrated through data generated from grants and loans. Grant and loan timing expectations are met and address readiness to proceed, timely project initiation after award, and timely use of grant and loan dollars to improve water quality.

001564 Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	87	
	Q1		
2007-09	Q8	46	
	Q7		
	Q6	81	
	Q5		
	Q4	54	
	Q3		
	Q2	39	
	Q1		

Number 001564 - Number of on-site sewage system repairs funded in Puget Sound counties



A044 Provide Water Resources Data and Information

The collection, management, and sharing of data and information is critical to modern water management. It is essential to local watershed groups, conservancy boards, businesses, local governments, nonprofit groups, the Legislature, other agencies, and the media. It supports daily agency operations, including making water allocation decisions; setting and achieving stream flows; identifying the location and characteristics of wells, dams, and water diversions; supporting compliance actions; metering; tracking progress; communicating with constituents; and serving other water resource functions.

Account	FY 2010	FY 2011	Biennial Total
FTE	29.0	27.8	28.4
116 Basic Data Account			
116-6 Non-Appropriated	\$155,000	\$155,000	\$310,000
001 General Fund			
001-1 State	\$3,408,000	\$3,315,000	\$6,723,000
001-2 Federal	\$14,000	\$14,000	\$28,000
001 Account Total	\$3,422,000	\$3,329,000	\$6,751,000
027 Reclamation Revolving Account			
027-1 State	\$190,000	\$197,000	\$387,000
10G Water Rights Tracking System Account			
10G-1 State	\$0	\$98,000	\$98,000

Statewide Result Area: Improve the quality of Washington’s natural resources

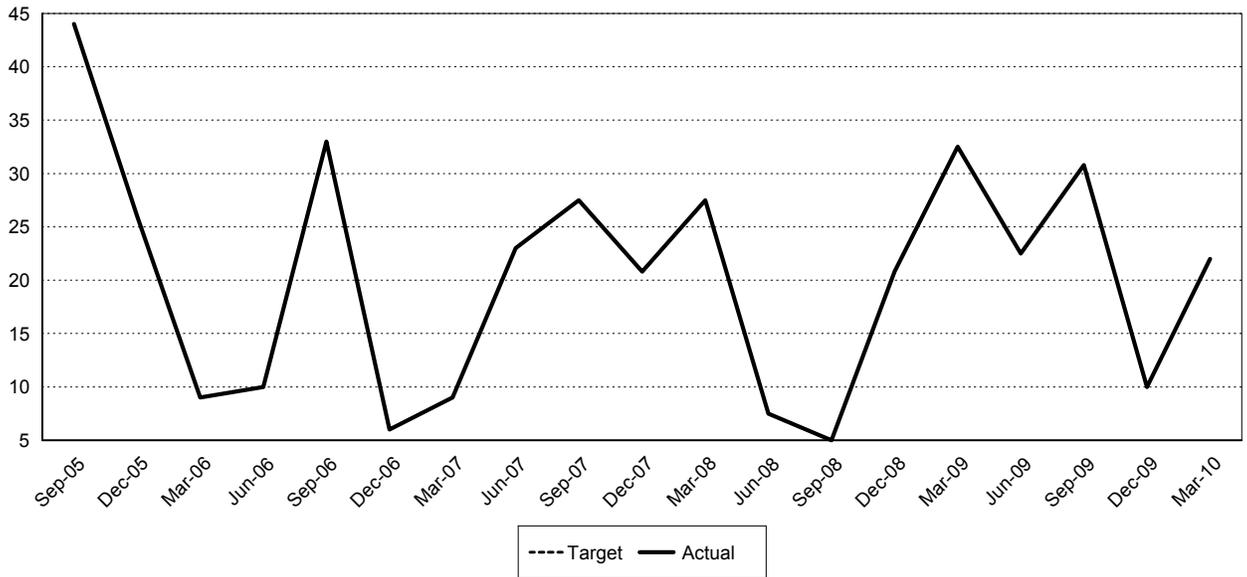
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

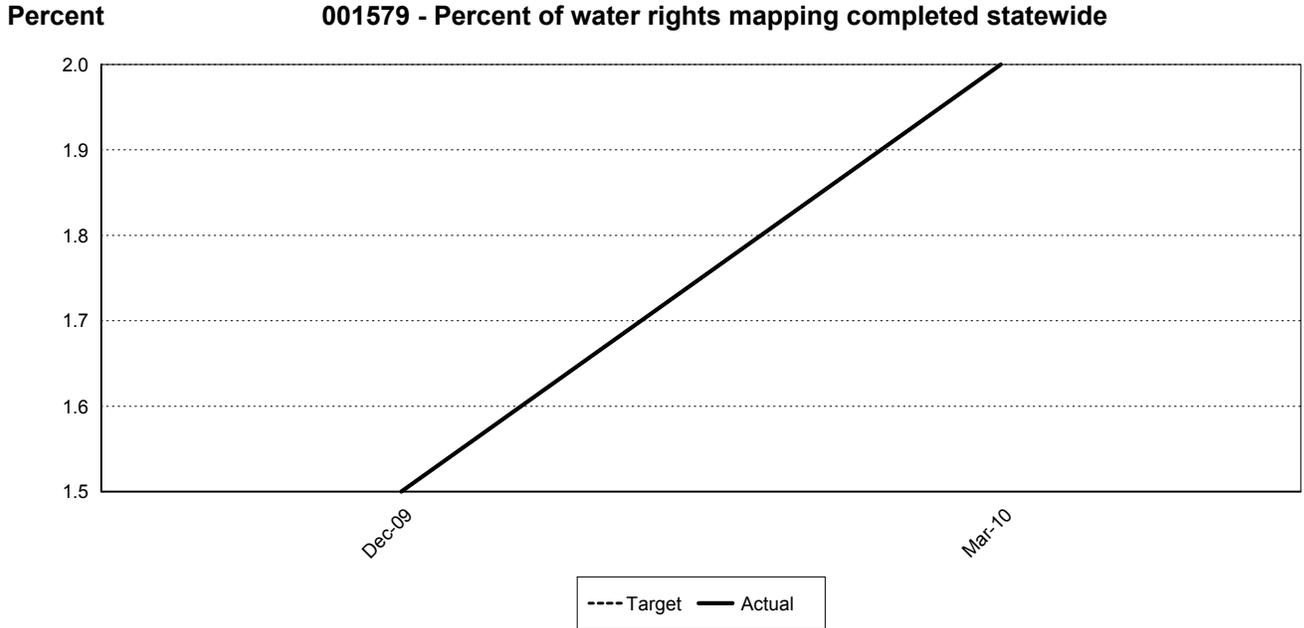
Sound water management is supported. Improved agreement and more informed water resources decisions are based on increasingly timely and accurate data and improved public access to information. Data and information systems are developed and maintained by increasing the numbers of external users (watershed groups, conservancy boards, businesses, etc.). Improved collection, preservation, and availability of data and information for water allocation, dam safety, well construction, instream flows, and communication.

001155 Percent of monitored stream flows below critical flow levels.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	22%	
	Q2	10%	
	Q1	30.8%	
2007-09	Q8	22.5%	
	Q7	32.5%	
	Q6	20.8%	
	Q5	5%	
	Q4	7.5%	
	Q3	27.5%	
	Q2	20.8%	
	Q1	27.5%	
2005-07	Q8	23%	
	Q7	9%	
	Q6	6%	
	Q5	33%	
	Q4	10%	
	Q3	9%	
	Q2	26%	
	Q1	44%	

Percent 001155 - Percent of monitored stream flows below critical flow levels



001579 Percent of water rights mapping completed statewide			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	2%	
	Q2	1.5%	
	Q1		



A045 Reduce Air Pollution from Industrial and Commercial Sources

The agency issues permits to new and existing industrial and commercial facilities that emit significant levels of air pollution. Permit programs are mandated either by federal or state clean air laws and are designed to be self-supporting through fees. The agency provides technical assistance, permit application and processing guidance, interpretation of rules, pre-application assistance, and permit review. Permits are conditioned and approved to ensure all federal and state laws are met, and that air quality, the environment, and public health are protected. The agency develops and modifies industrial source regulations to incorporate federal and state law changes, simplify and streamline permit requirements, and ensure public health protection. The agency conducts compliance inspections, resolves complaints, and develops technical and policy direction on emerging industrial permit issues.

Account	FY 2010	FY 2011	Biennial Total
FTE	17.8	17.8	17.8
219 Air Operating Permit Account			
219-1 State	\$495,000	\$483,000	\$978,000
216 Air Pollution Control Account			
216-1 State	\$436,000	\$435,000	\$871,000
001 General Fund			
001-1 State	\$410,000	\$403,000	\$813,000
001-2 Federal	\$222,000	\$222,000	\$444,000
001 Account Total	\$632,000	\$625,000	\$1,257,000

Statewide Result Area: Improve the quality of Washington’s natural resources

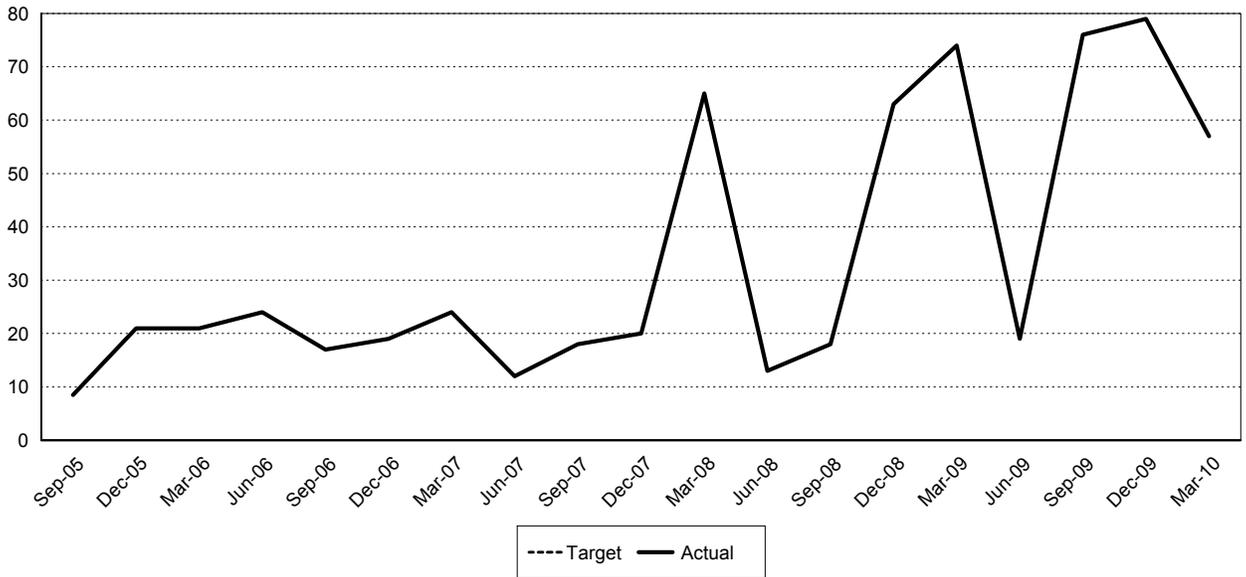
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Air pollution from industrial and commercial sources is managed to protect public health and minimize costs and regulatory burdens. 100 percent of permits meet timeliness targets. The regulated community is certain about the need, content, and timeframes for permits. Ecology and local air pollution control agencies retain delegation and local control of federal permit programs.

000994 Average Notice of Construction permit processing time (days).				
Biennium	Period	Actual	Target	
2009-11	Q8			
	Q7			
	Q6			
	Q5			
	Q4			
	Q3	57		
	Q2	79		
	Q1	76		
2007-09	Q8	19		
	Q7	74		
	Q6	63		
	Q5	18		
	Q4	13		
	Q3	65		
	Q2	20		
	Q1	18		
2005-07	Q8	12		
	Q7	24		
	Q6	19		
	Q5	17		
	Q4	24		
	Q3	21		
	Q2	21		
	Q1	8.5		

Number 000994 - Average Notice of Construction permit processing time (days)



A047 Reduce Health and Environmental Threats from Motor Vehicle Emissions

Cars, trucks, construction equipment, locomotives, and marine vessels are responsible for over 60 percent of Washington's air pollution. These emissions adversely affect public health, substantially increase health care costs, and increase cancer and mortality rates. Without significant emission reductions, the agency cannot ensure future attainment of federal air quality standards, avoid multi-million dollar control costs to businesses and citizens, nor reduce or prevent harmful health effects. To protect public health and the environment from motor vehicle pollution, the agency implements a vehicle emission check program of nearly 2 million cars and trucks; promotes transportation alternatives and cleaner motor vehicles and fuels through voluntary, regulatory, and incentive programs; and retrofits school buses with better emission controls.

Account	FY 2010	FY 2011	Biennial Total
FTE	20.0	20.0	20.0
001 General Fund			
001-1 State	\$1,931,000	\$1,906,000	\$3,837,000
001-2 Federal	\$248,000	\$248,000	\$496,000
001 Account Total	\$2,179,000	\$2,154,000	\$4,333,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

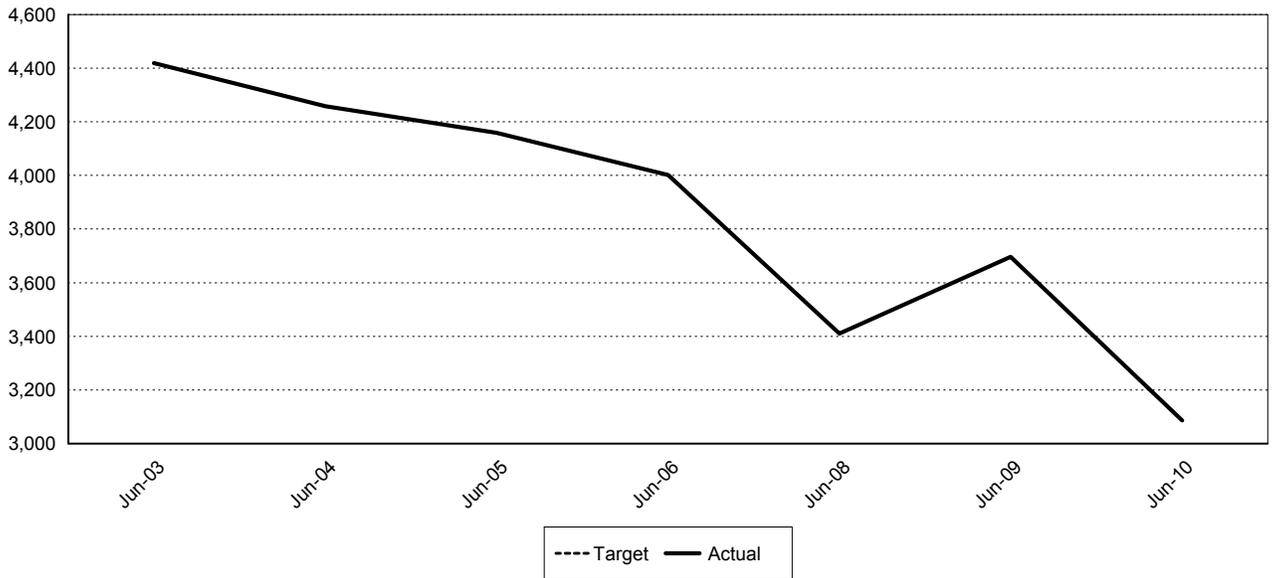
Expected Results

Air pollution emissions from motor vehicles are reduced. Pollution from approximately 2 million cars is reduced by operating an Emission Check Program in three maintenance areas in the state. Retrofits of diesel school buses and public fleet engines are completed and appropriate private sector engines are retrofitted with air pollution controls. Federal Diesel Emission Reduction Act and American Recovery and Reinvestment Act funds are managed to reduce highest risk toxic diesel emissions by retrofitting diesel engines. Strategies to reduce engine idling in high exposure areas (near schools and around truck stops) are continuing to be developed and implemented.

001008 Tons of diesel soot emissions produced in counties contiguous to Puget Sound.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2	3,086	
2007-09	A3	3,696	
	A2	3,410	
2005-07	A3		
	A2	4,001	

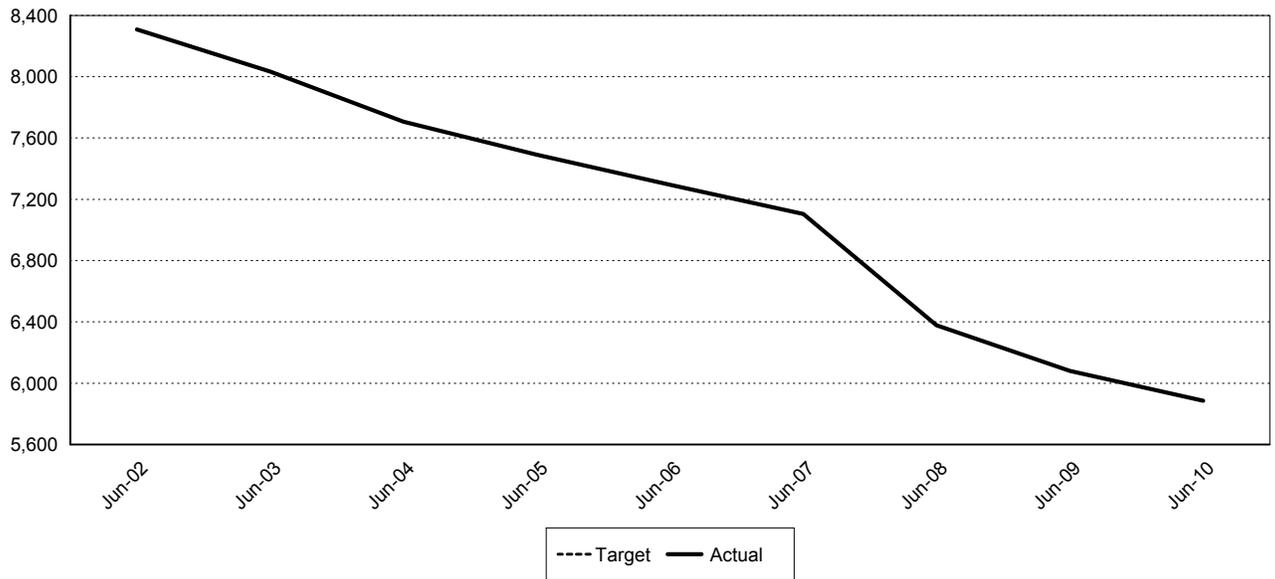
Number

001008 - Tons of diesel soot - Puget Sound



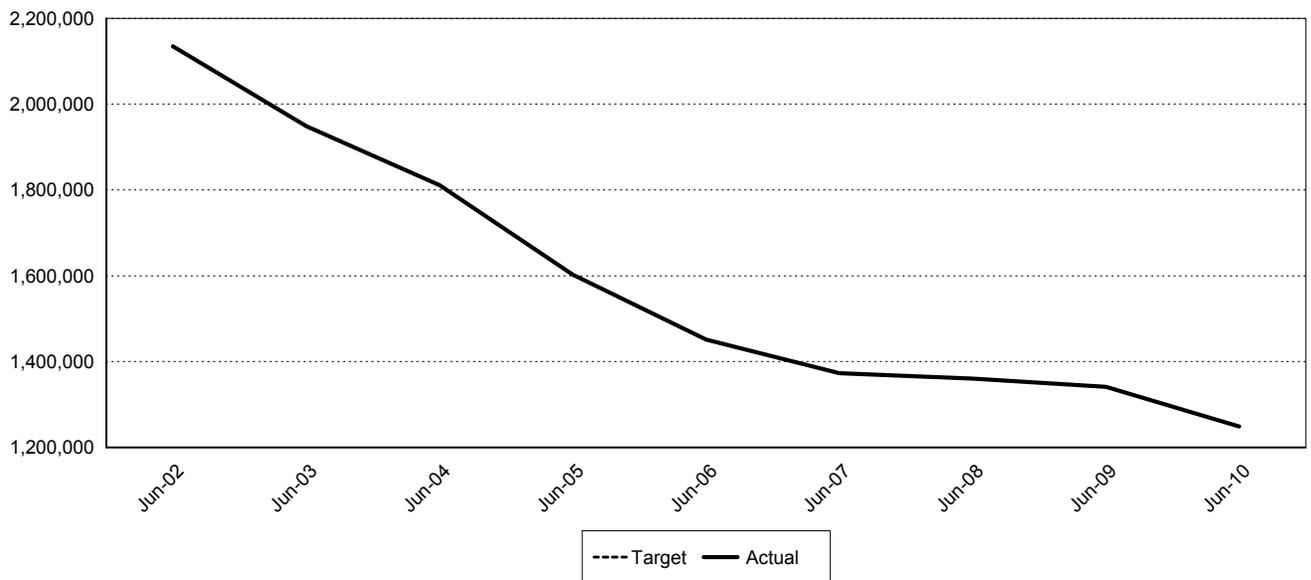
001007 Tons of diesel soot emissions produced statewide.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2	5,885	
2007-09	A3	6,080	
	A2	6,377	
2005-07	A3	7,105	
	A2	7,294	

Number **001007 - Tons of diesel soot - statewide**



001006 Tons of motor vehicle emissions produced statewide.				
Biennium	Period	Actual	Target	
2009-11	A3			
	A2	1,248,600		
2007-09	A3	1,341,292		
	A2	1,360,055		
2005-07	A3	1,372,873		
	A2	1,451,129		

Number **001006 - Tons of Motor Vehicle Emissions**



A048 Reduce Health and Environmental Threats from Smoke

Nagging regional smoke pollution plagues many areas, primarily in central and eastern Washington, and affects public health and quality of life. To address these continuing problems, the agency issues conditioned permits for agricultural, land clearing, fire training, and other outdoor burning, where required by law. It also produces daily burn forecasts; responds to and resolves complaints related to smoke; provides technical assistance to manage and prevent outdoor burning impacts; designs and delivers woodstove education programs; and through technical assistance, research, and demonstration projects, fosters development and use of practical alternatives to burning. The agency's goal by 2010 is to achieve air quality levels in eastern and central Washington that experts agree is sufficient to protect human health.

Account	FY 2010	FY 2011	Biennial Total
FTE	15.5	15.5	15.5
216 Air Pollution Control Account			
216-1 State	\$150,000	\$150,000	\$300,000
001 General Fund			
001-1 State	\$847,000	\$485,000	\$1,332,000
001-2 Federal	\$269,000	\$253,000	\$522,000
001 Account Total	\$1,116,000	\$738,000	\$1,854,000
023 Special Grass Seed Burning Research Account			
023-1 State	\$0	\$14,000	\$14,000
160 Wood Stove Education and Enforcement Account			
160-1 State	\$286,000	\$310,000	\$596,000

Statewide Result Area: Improve the quality of Washington’s natural resources

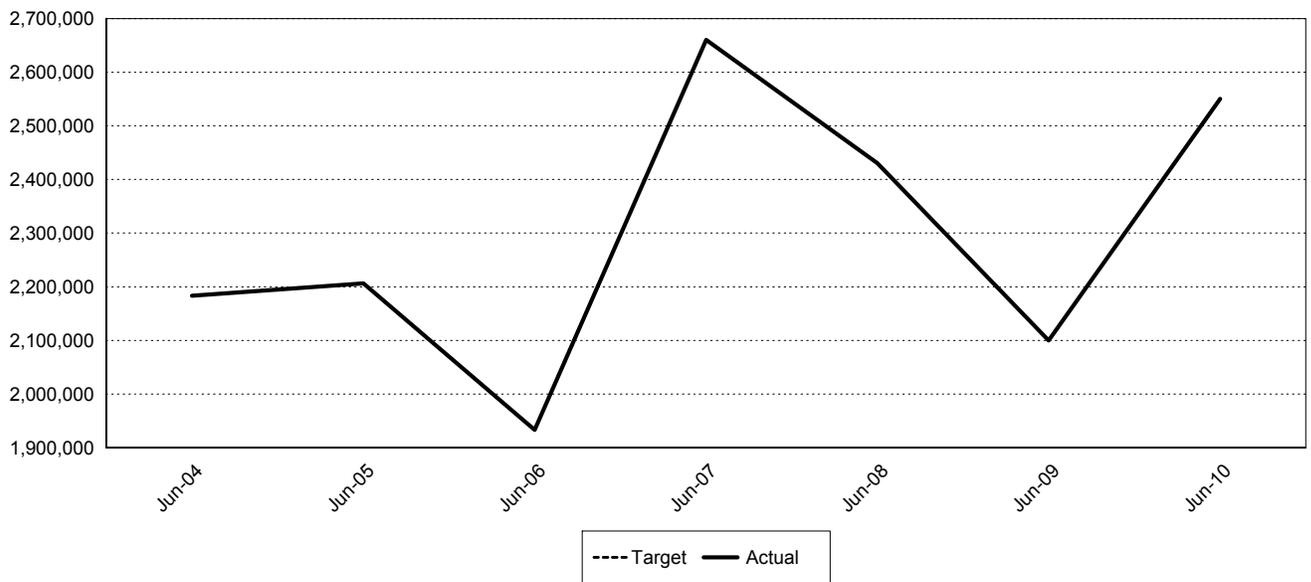
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Public health threats from smoke and dust are managed and minimized. Smoke impacts on communities from agricultural and other outdoor burning are reduced. Outdoor burning permit and smoke management systems are improved and streamlined. Local burning permit programs are audited to ensure effective and efficient operation. Practical alternatives and best management practices for burning are developed and used. Woodstove emissions are reduced through creation and implementation of a proper burning outreach campaign, effective burning curtailments, change-out of uncertified wood stoves, and working with EPA to develop more stringent certifications for wood burning appliances.

001002 Number of citizens exposed to air quality that does not meet "healthy" levels for fine particle pollution.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2	2,550,000	
2007-09	A3	2,100,000	
	A2	2,430,000	
2005-07	A3	2,660,000	
	A2	1,933,000	

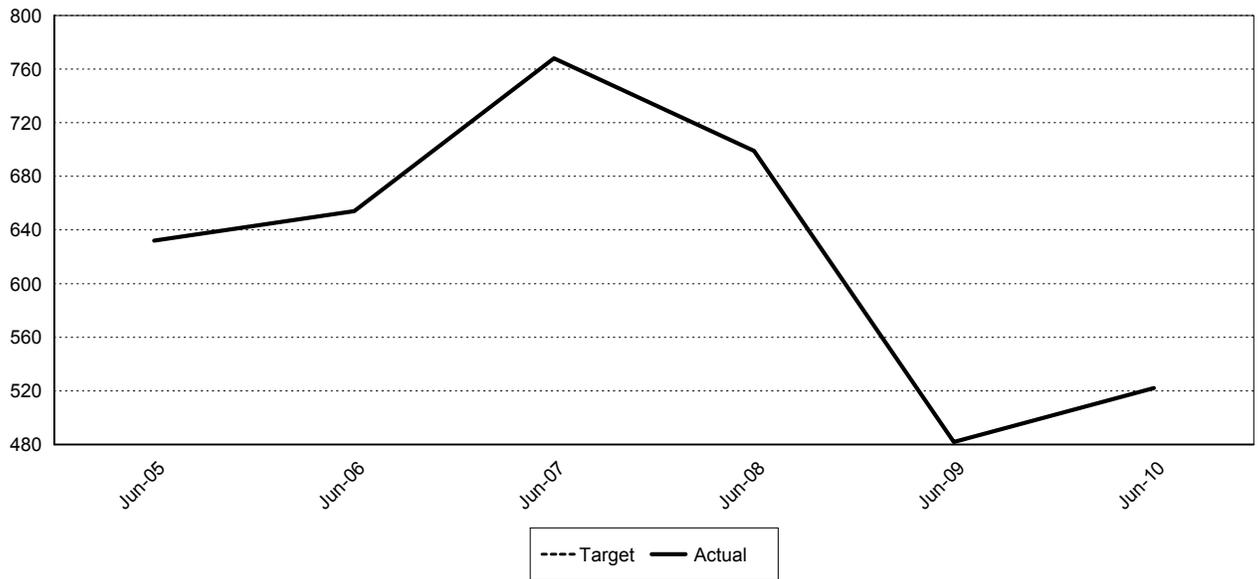
Number 001002 - Citizens Exposed to Unhealthy Levels - Particulate Matter



001010 Number of times fine particle pollution is measured above a "healthy" level.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2	522	
2007-09	A3	482	
	A2	699	
2005-07	A3	768	
	A2	654	

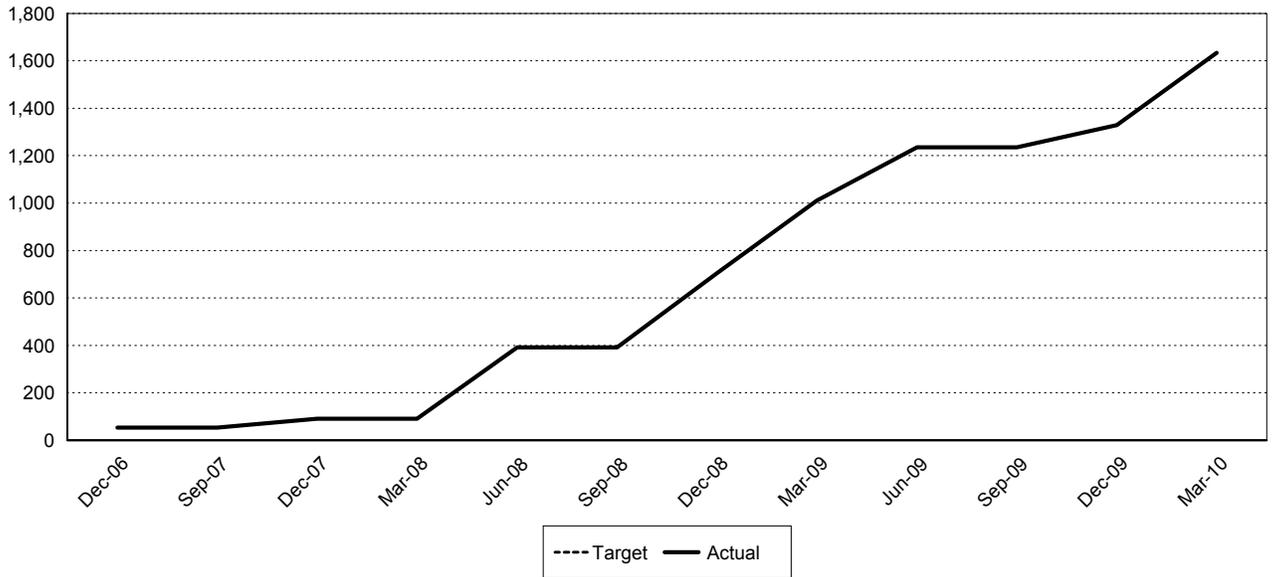
Number

001010 - Number of Times PM2.5 exceeds Healthy levels



001003 Number of woodstoves replaced with cleaner burning technologies.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	1,634	
	Q2	1,329	
	Q1	1,236	
2007-09	Q8	1,236	
	Q7	1,011	
	Q6	705	
	Q5	392	
	Q4	392	
	Q3	91	
	Q2	91	
	Q1	54	
2005-07	Q8		
	Q7		
	Q6	54	
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number **001003 - Number of Woodstoves Changed Out**



A049 Reduce Nonpoint-Source Water Pollution

Nonpoint-source pollution (polluted runoff) is the leading cause of water pollution and poses a major health and economic threat. Types of nonpoint pollution include fecal coliform bacteria, elevated water temperature, pesticides, sediments, and nutrients. Sources of pollution include agriculture, forestry, urban and rural runoff, recreation, hydrologic modification, and loss of aquatic ecosystems. The agency addresses these problems through raising awareness, encouraging community action, providing funding, and supporting local decision makers. The agency also coordinates with other stakeholders through the Washington State Nonpoint Workgroup, the Forest Practices Technical Assistance group, and the Agricultural Technical Assistance group.

Account	FY 2010	FY 2011	Biennial Total
FTE	22.1	22.1	22.1
001 General Fund			
001-1 State	\$543,000	\$69,000	\$612,000
001-2 Federal	\$1,816,000	\$1,812,000	\$3,628,000
001 Account Total	\$2,359,000	\$1,881,000	\$4,240,000
027 Reclamation Revolving Account			
027-1 State	\$496,000	\$493,000	\$989,000
173 State Toxics Control Account			
173-1 State	\$226,000	\$537,000	\$763,000

Statewide Result Area: Improve the quality of Washington’s natural resources

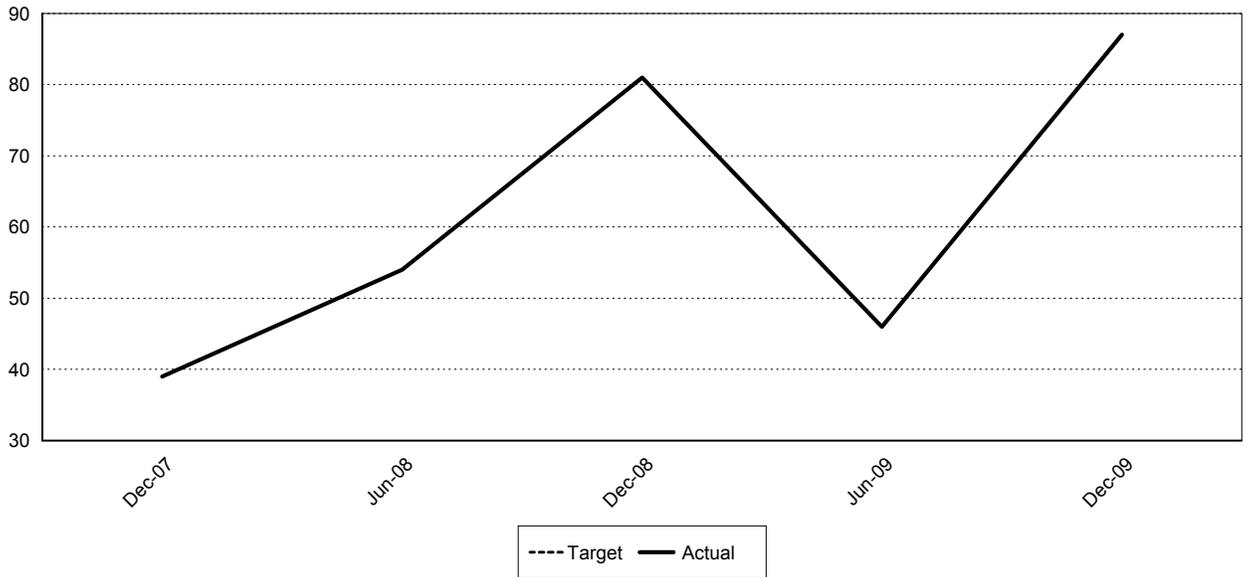
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Protection of surface and groundwater is improved through community implementation of the state’s Water Quality Management Plan to Control Nonpoint Pollution and water quality improvement reports. Local communities and groups get help from Ecology to implement water quality improvement reports and other strategies to clean up polluted waters. The Department of Natural Resources and the forestry industry get help to manage 12 million acres of state-owned and privately-owned forests. The Department of Agriculture gets help to manage water quality problems generated by agricultural uses. Best management practices necessary to address non-point pollution problems are implemented. State and federal grants are available to, and used efficiently by, local governments. The number of stream miles restored or protected is increased through work with local communities and other agencies.

001564 Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	87	
	Q1		
2007-09	Q8	46	
	Q7		
	Q6	81	
	Q5		
	Q4	54	
	Q3		
	Q2	39	
	Q1		

Number 001564 - Number of on-site sewage system repairs funded in Puget Sound counties



A050 Reduce Persistent Bioaccumulative Toxins (PBTs) in the Environment

Persistent, bioaccumulative toxins (PBTs) are a particular group of chemicals that can significantly affect the health of humans, fish, and wildlife. The agency developed, and the Legislature funded in the 2001-03 Biennium, implementation of a long-term strategy designed to reduce PBTs in Washington's environment over the coming years. This strategy will coordinate agency-wide efforts, engage other key organizations and interest groups, and provide for public education and information on reducing PBTs in the environment. (Authorizing Laws: RCW 70.94, Washington Clean Air Act; RCW 90.48, Water Pollution Control Act; RCW 90.52, Pollution Disclosure Act; RCW 70.105, Hazardous Waste Management Act; RCW 70.95C, Waste Reduction; RCW 70.95, Solid Waste Management Act; RCW 70.105D, Model Toxics Control Act; and RCW 48.70, Worker and Community Right-to-Know Act)

Account	FY 2010	FY 2011	Biennial Total
FTE	7.8	11.0	9.4
16T Product Stewardship Programs Account			
16T-6 Non-Appropriated	\$0	\$28,000	\$28,000
173 State Toxics Control Account			
173-1 State	\$817,000	\$843,000	\$1,660,000

Statewide Result Area: Improve the quality of Washington's natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

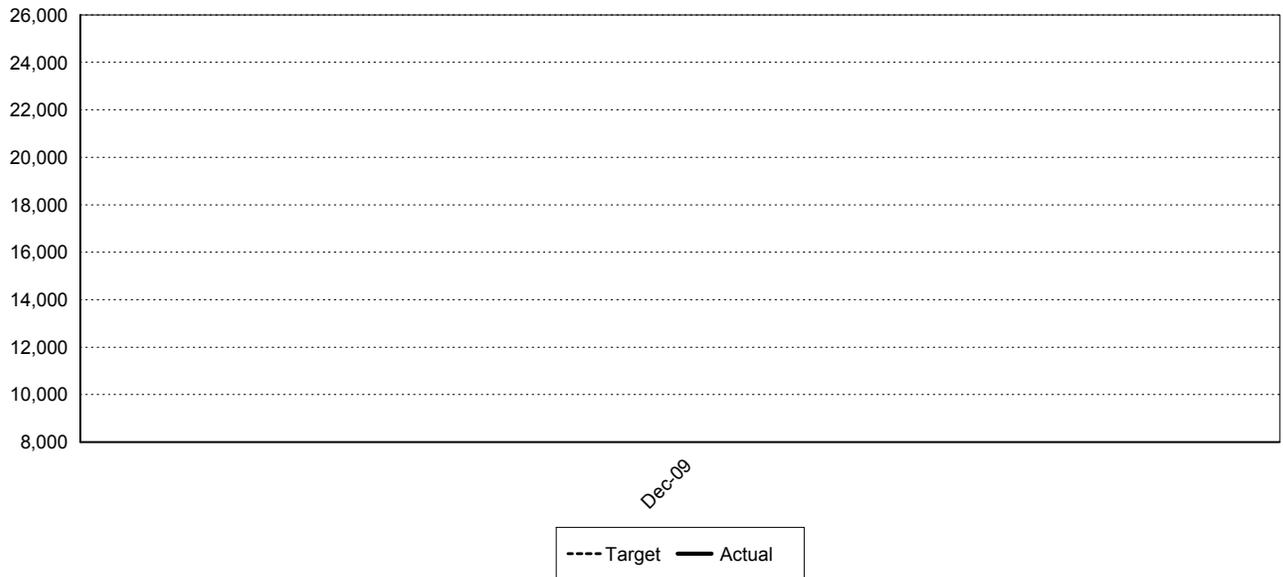
Expected Results

Public health and environmental impacts associated with PBTs and other toxic substances are minimized. Strategies are developed and implemented to reduce and eliminate these harmful chemicals. The Lead Chemical Action Plan is implemented. Data is collected for a chemical action plan for poly-aromatic hydrocarbons. 36 million pounds of covered electronics are collected through the E-Cycle Program. Rule making and development of a list of chemicals of high concern for children's products is completed and a mechanism for manufacturer reporting is developed. Generation and use of toxic materials by citizens and industries is reduced by focusing on moderate risk waste (hazardous waste generated from households and small businesses).

001490 Number of children tested for lead in blood.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	16,221	
	Q1		

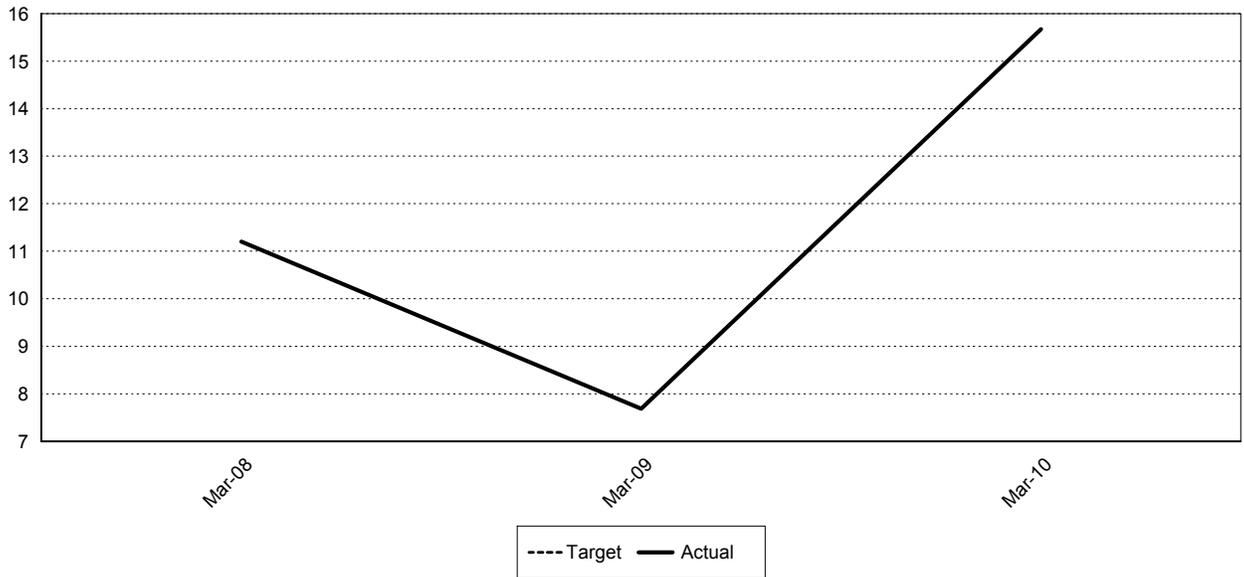
Number

001490 - Number of children tested for lead in blood



001498 Percent market share of green building projects in Washington.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	15.67%	
	Q2		
	Q1		
2007-09	Q8		
	Q7	7.69%	
	Q6		
	Q5		
	Q4		
	Q3	11.2%	
	Q2		
	Q1		

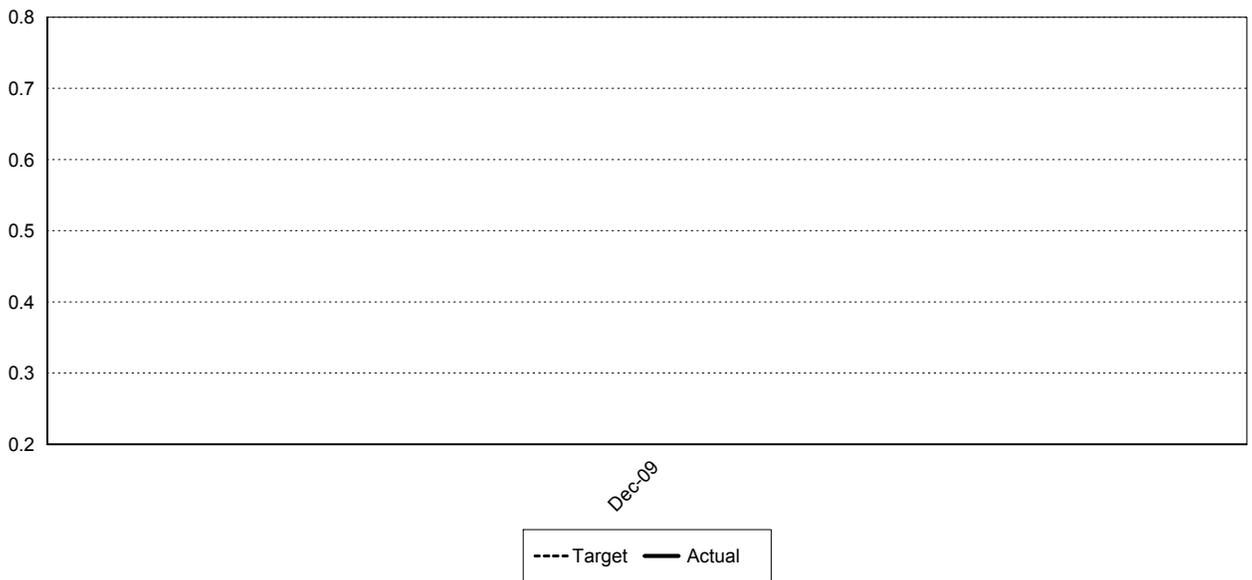
Percent 001498 - Percent market share of green building projects in Washington



001491 Percent of tested children with elevated lead blood levels.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	0.53%	
	Q1		

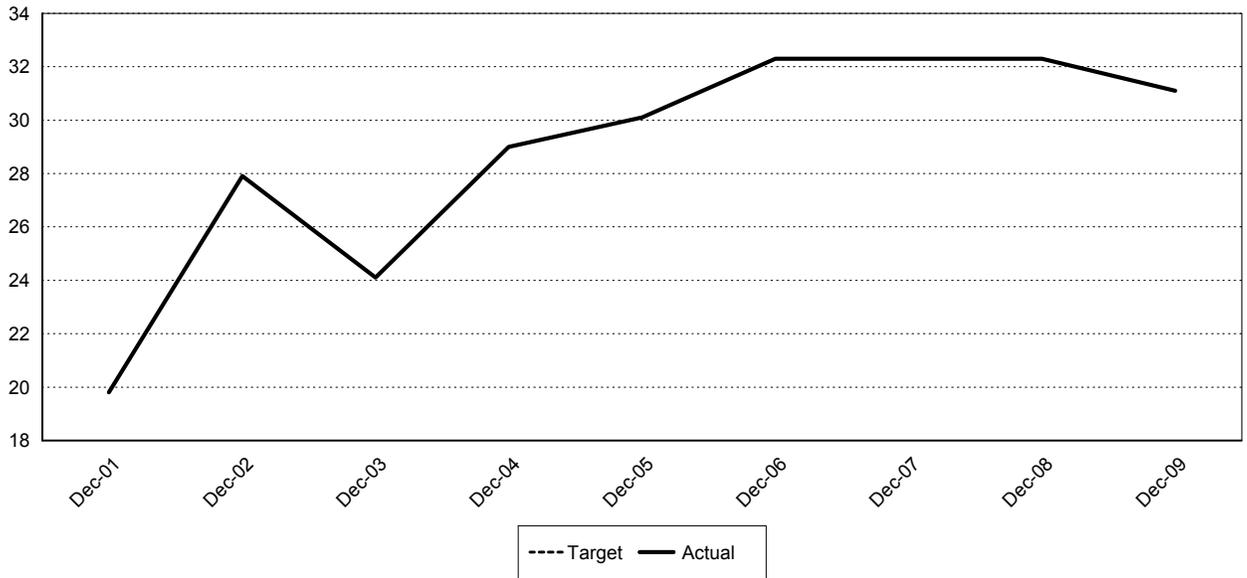
Percent

001491 - Percent of tested children with elevated lead blood levels

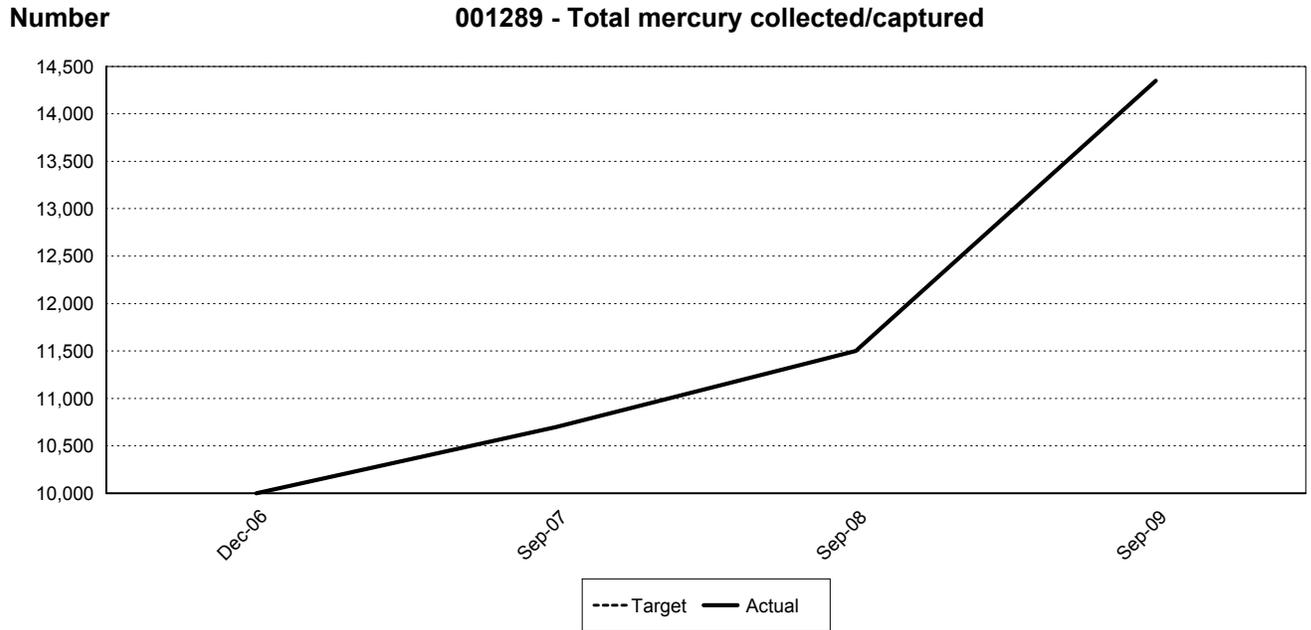


001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	31.1	
	Q1		
2007-09	Q8		
	Q7		
	Q6	32.3	
	Q5		
	Q4		
	Q3		
	Q2	32.3	
	Q1		
2005-07	Q8		
	Q7		
	Q6	32.3	
	Q5		
	Q4		
	Q3		
	Q2	30.1	
	Q1		

Number 001495 - Pounds of household and small quantity generator hazardous wastes recycled or properly disposed



001289 Pounds of mercury collected and/or captured (measured once annually)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1	14,350	
2007-09	Q8		
	Q7		
	Q6		
	Q5	11,500	
	Q4		
	Q3		
	Q2		
	Q1	10,700	
2005-07	Q8		
	Q7		
	Q6	10,000	
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



A051 Reduce Risk from Toxic Air Pollutants

No ambient standards, and few emission limits, have been established for the hundreds of toxic chemicals (totaling millions of pounds) emitted into the air annually in Washington. Emerging ambient assessments and toxics risk models indicate that the level and extent of airborne toxics pose significant health and environmental risks, including cancer, other serious health effects, and death. The agency has identified 11 high-risk toxic air pollutants that are prevalent in Washington. To significantly reduce potential risk to the public, the agency will complete a health assessment of agricultural burning smoke; complete a health effects analysis of diesel soot; collect and prepare annual air toxics emission inventories; operate air toxics monitoring sites; and limit toxic emissions through permit conditions for commercial facilities, combustion processes, and outdoor burning.

Account	FY 2010	FY 2011	Biennial Total
FTE	7.8	7.8	7.8
001 General Fund			
001-1 State	\$745,000	\$733,000	\$1,478,000
001-2 Federal	\$391,000	\$391,000	\$782,000
001 Account Total	\$1,136,000	\$1,124,000	\$2,260,000

Statewide Result Area: Improve the quality of Washington’s natural resources

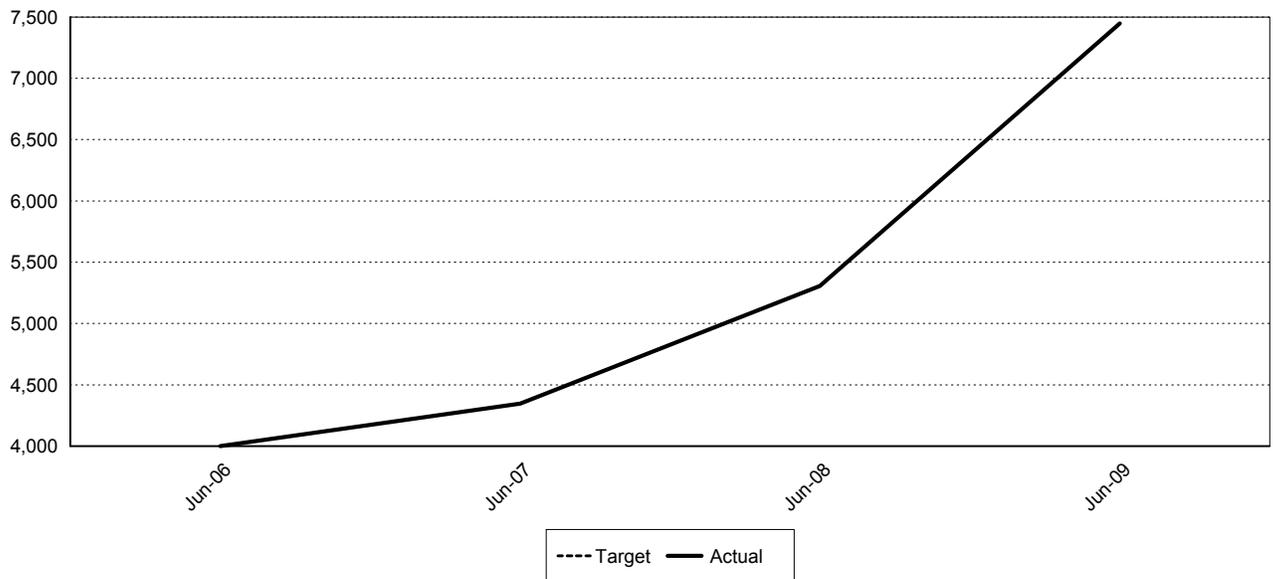
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

The public health threat from toxic air pollutants is minimized. Diesel soot emissions are reduced by 20 percent by 2010 over a 2005 baseline. Federal Diesel Emission Reduction Act and Recovery Act funds are used to reduce diesel emissions near ports and other toxic hot spots. Woodstove replacements target high use stoves in high risk communities. Emission inventories and understanding of ambient concentrations and sources of priority toxics are improved. Appropriate strategies to reduce emissions of priority toxics are evaluated and started. Strategies to reduce diesel emissions and engine idling in high exposure areas (near schools, ports, freight distribution centers, and truck stops) are continuing to be developed and implemented.

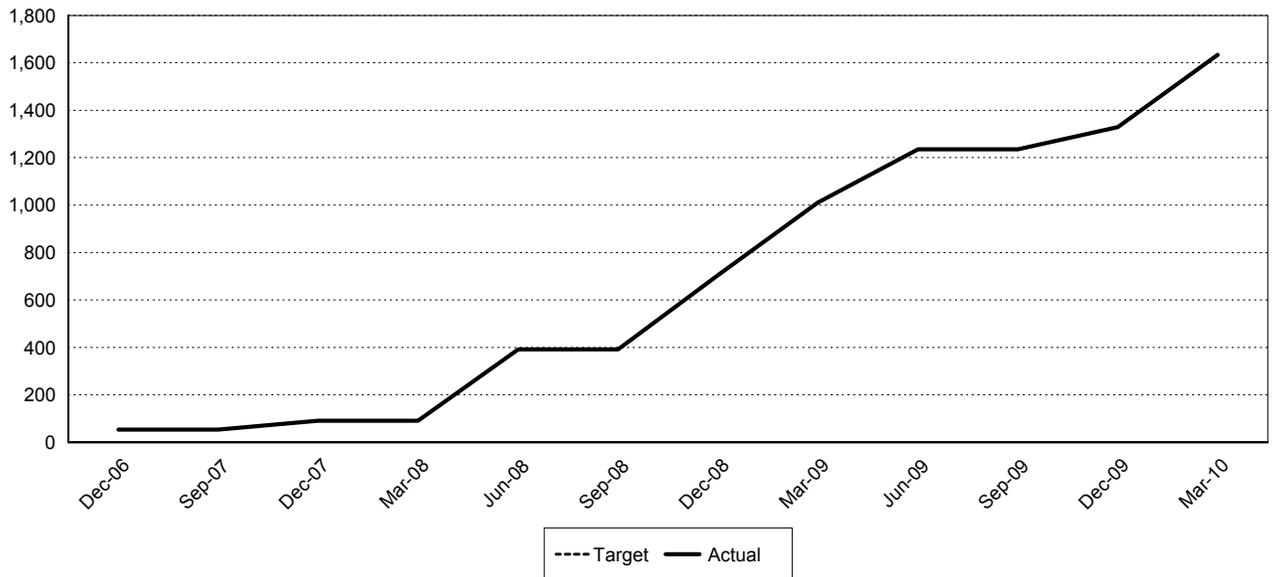
000992 Number of diesel vehicles engines (school buses and public and private sector equipment) retrofitted with pollution control equipment.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2		
2007-09	A3	7,447	
	A2	5,307	
2005-07	A3	4,346	
	A2	4,000	

Number 000992 - Number of diesel vehicles retrofitted w/ pollution control equip



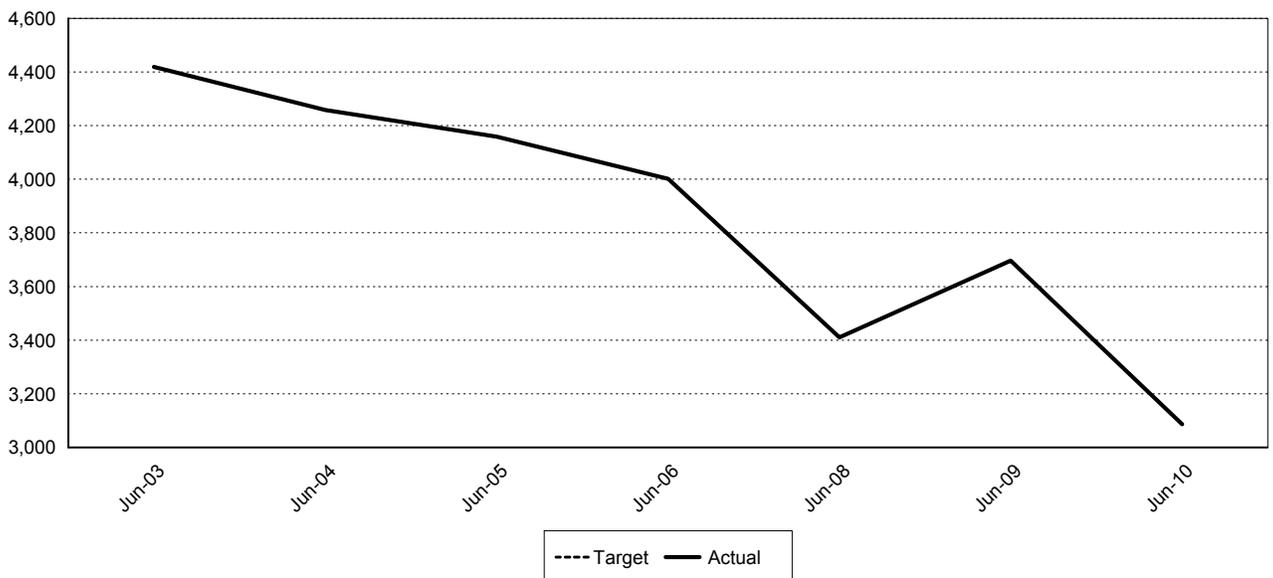
001003 Number of woodstoves replaced with cleaner burning technologies.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	1,634	
	Q2	1,329	
	Q1	1,236	
2007-09	Q8	1,236	
	Q7	1,011	
	Q6	705	
	Q5	392	
	Q4	392	
	Q3	91	
	Q2	91	
	Q1	54	
2005-07	Q8		
	Q7		
	Q6	54	
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number 001003 - Number of Woodstoves Changed Out

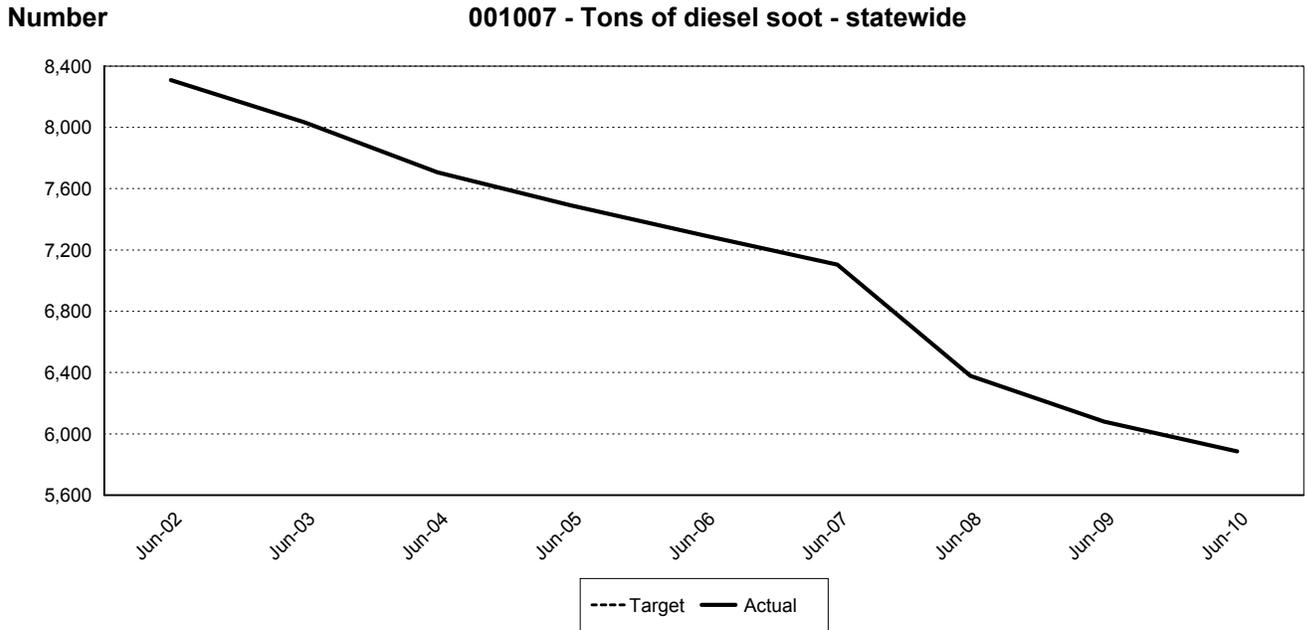


001008 Tons of diesel soot emissions produced in counties contiguous to Puget Sound.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2	3,086	
2007-09	A3	3,696	
	A2	3,410	
2005-07	A3		
	A2	4,001	

Number 001008 - Tons of diesel soot - Puget Sound



001007 Tons of diesel soot emissions produced statewide.			
Biennium	Period	Actual	Target
2009-11	A3		
	A2	5,885	
2007-09	A3	6,080	
	A2	6,377	
2005-07	A3	7,105	
	A2	7,294	



A052 Reduce the Generation of Hazardous Waste and the Use of Toxic Substances through Technical Assistanc

The state Hazardous Waste Reduction Act calls for the reduction of hazardous waste generation and the use of toxic substances and requires certain businesses to prepare plans for voluntary reduction. Staff provide assistance through innovative programs for source and waste generation reduction, including more than 275 technical assistance visits per year. In addition, the agency focuses on improvements in industries that have the highest rate of waste generation and non-compliance to help them achieve energy savings, water conservation, and reduced hazardous waste production. Reducing toxics in products and the initial generation of hazardous waste minimizes disposal costs, reduces the need for clean-up, minimizes public exposure, and saves money.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

Account	FY 2010	FY 2011	Biennial Total
FTE	29.7	29.7	29.7
001 General Fund			
001-2 Federal	\$552,000	\$554,000	\$1,106,000
207 Hazardous Waste Assistance Account			
207-1 State	\$1,643,000	\$1,728,000	\$3,371,000
173 State Toxics Control Account			
173-1 State	\$1,177,000	\$1,191,000	\$2,368,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

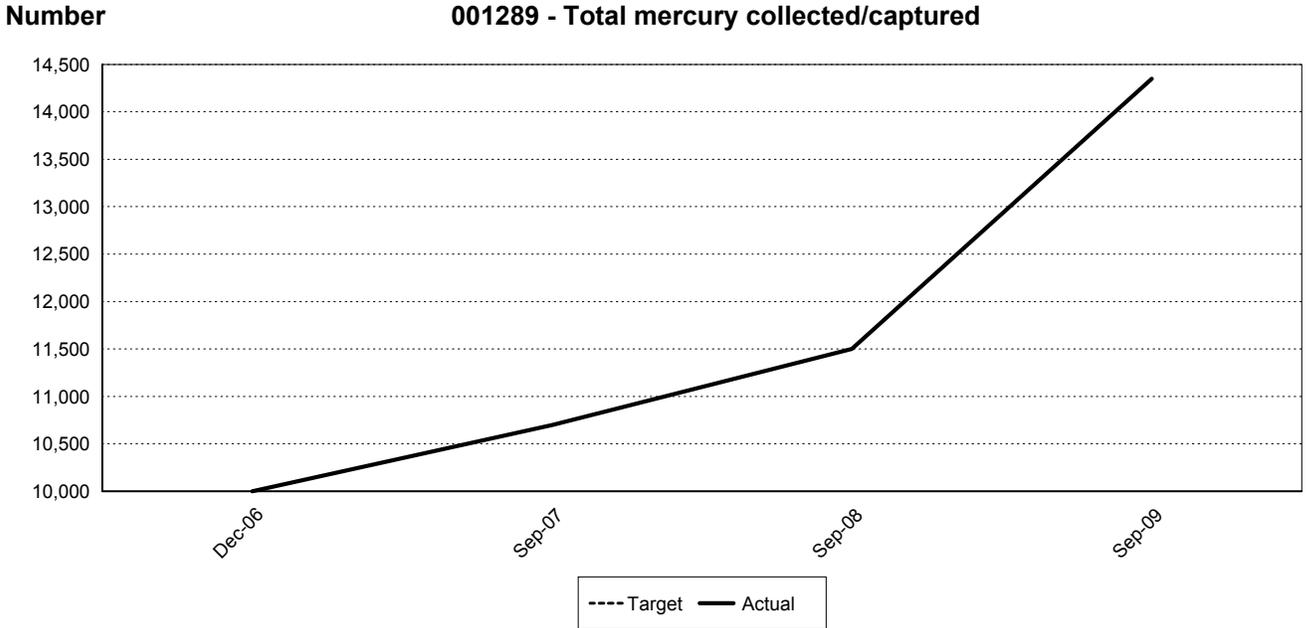
Expected Results

Hazardous waste generation is reduced by two percent each year (approximately 5 million pounds), resulting in clean-up and disposal cost savings for businesses, reduced public exposure, and fewer cleanups. Work with a total of 500 pollution prevention planners, including up to 70 businesses, to reduce greenhouse gases and toxics metal use. Provide assistance to 40 state agencies to reduce energy use three percent peryear in support of new greenhouse gas legislation. Provide support to other Ecology programs to implement the Children's Safe Product Act and lead chemical action plan, and develop the polycyclic aromatic hydrocarbon chemical action plan. Develop a clear system for pollution prevention planners to report their use of toxic chemicals. Increase the number of pollution prevention suggestions implemented by clients.

001282 Annual pounds of hazardous waste generated (in millions).			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	94.25	
	Q2		
	Q1		
2007-09	Q8		
	Q7	117.46	
	Q6		
	Q5		
	Q4		
	Q3	121.6	
	Q2		
	Q1		
2005-07	Q8		
	Q7	105.3	
	Q6		
	Q5		
	Q4		
	Q3	117.3	
	Q2		
	Q1		



001289 Pounds of mercury collected and/or captured (measured once annually)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1	14,350	
2007-09	Q8		
	Q7		
	Q6		
	Q5	11,500	
	Q4		
	Q3		
	Q2		
	Q1	10,700	
2005-07	Q8		
	Q7		
	Q6	10,000	
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



A053 Regulate Well Construction

The agency protects consumers, well drillers, and the environment by licensing and regulating well drillers, investigating complaints, approving variances from construction standards, and providing continuing education to well drillers. The work is accomplished in partnership with delegated counties. It delivers technical assistance to homeowners, well drillers, tribes, and local governments.

Account	FY 2010	FY 2011	Biennial Total
FTE	8.4	8.4	8.4
027 Reclamation Revolving Account			
027-1 State	\$869,000	\$856,000	\$1,725,000

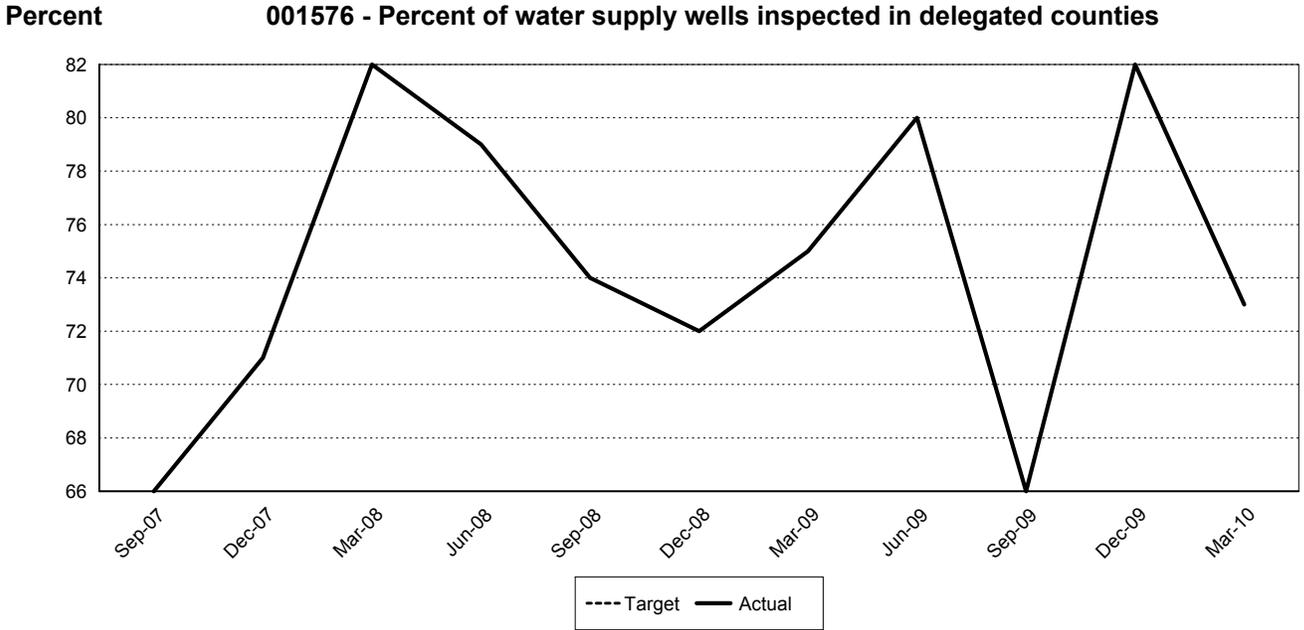
Statewide Result Area: Improve the health of Washingtonians

Statewide Strategy: Mitigate environmental hazards

Expected Results

Public and environmental health and safety is protected. Improved protection of consumers, well drillers, and the environment. Well drillers get licensing and training services. Well drilling is regulated.

001576 Percent of water supply wells inspected in delegated counties			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	73%	
	Q2	82%	
	Q1	66%	
2007-09	Q8	80%	
	Q7	75%	
	Q6	72%	
	Q5	74%	
	Q4	79%	
	Q3	82%	
	Q2	71%	
	Q1	66%	
2005-07	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



A054 Rapidly Respond to and Clean Up Oil and Hazardous Material Spills

Oil and hazardous materials spills present a danger to human health and the environment. The agency is responsible for rapidly responding to and overseeing the clean up of oil spills, hazardous material incidents, methamphetamine drug labs, and assisting other "first response" organizations during Weapons of Mass Destruction (WMD) incidents. This requires 24-hour-a-day, statewide response capability from five field offices. Other activities include coordination with local, state, and federal law enforcement agencies for methamphetamine drug lab cleanup and compliance actions for violations related to oil and hazardous material spills.

Account	FY 2010	FY 2011	Biennial Total
FTE	32.7	32.7	32.7
223 Oil Spill Response Account			
223-1 State	\$3,527,000	\$3,527,000	\$7,054,000
173 State Toxics Control Account			
173-1 State	\$3,862,000	\$3,825,000	\$7,687,000

Statewide Result Area: Improve the quality of Washington’s natural resources

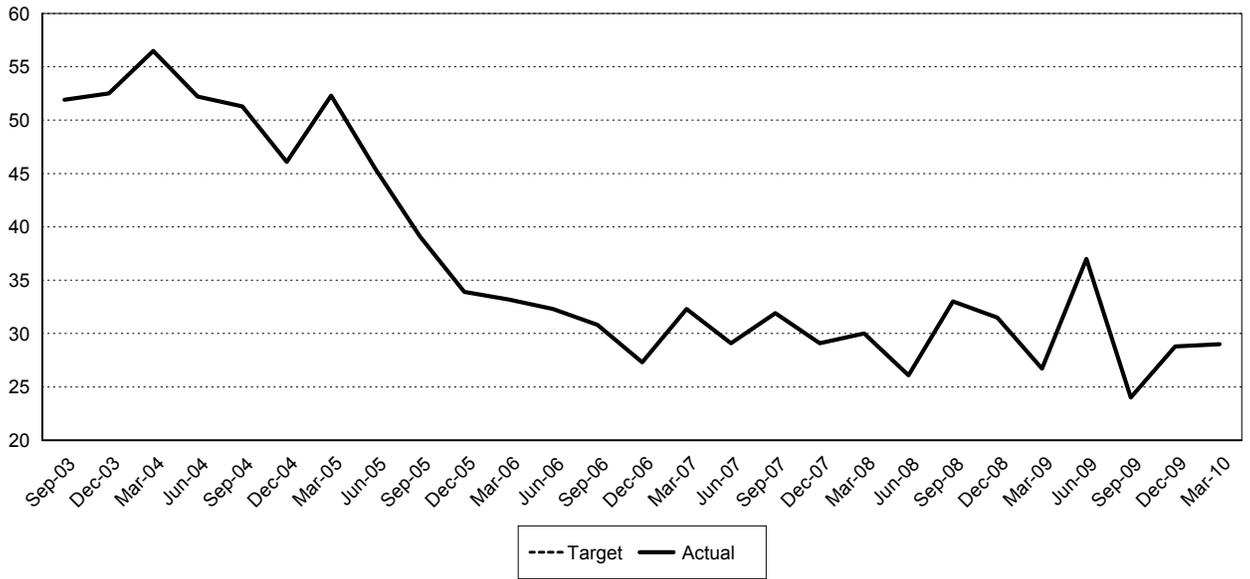
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Oil spills, chemical spills and methamphetamine labs are responded to and cleaned up rapidly to protect public health, natural resources and property. Spill response capability is maintained 24 hours/day and seven days/week throughout the state. All oil spills are responded to within 24 hours from the time they are reported. Approximately 3,800 annual spill reports are managed.

001475 Percent of reported incidents that receive field responses by Spills staff.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	29%	
	Q2	28.8%	
	Q1	24%	
2007-09	Q8	37%	
	Q7	26.7%	
	Q6	31.5%	
	Q5	33%	
	Q4	26.1%	
	Q3	30%	
	Q2	29.1%	
	Q1	31.9%	
2005-07	Q8	29.1%	
	Q7	32.3%	
	Q6	27.3%	
	Q5	30.8%	
	Q4	32.3%	
	Q3	33.2%	
	Q2	33.9%	
	Q1	39.1%	

Percent 001475 - Percent of reported incidents that receive field responses by Spills staff



A055 Restore Public Natural Resources Damaged by Oil Spills

When an oil spill causes significant damage to publicly owned natural resources, Ecology chairs and directs a multi-state trustee committee to complete an assessment of the monetary value of the natural resources that were damaged. Once the assessment is complete, Ecology seeks fair compensation from the responsible parties. Ecology chairs the Coastal Protection Committee to ensure that the money collected is used for projects to restore the environmental damage.

Account	FY 2010	FY 2011	Biennial Total
FTE	2.2	2.2	2.2
408 Coastal Protection Account			
408-6 Non-Appropriated	\$778,000	\$778,000	\$1,556,000
217 Oil Spill Prevention Account			
217-1 State	\$270,000	\$267,000	\$537,000

Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

The environmental impacts from oil spills to publicly-owned natural resources are partially mitigated (compensated for) using damage assessment funding. Natural Resource Damage Assessment is done on 100 percent of oil spills where 25 or more gallons reach surface waters. Priority wildlife habitat is restored and protected using natural resource damage funds.

A056 Restore Watersheds by Supporting Community-Based Projects with the Washington Conservation Corps

The Washington Conservation Corps (WCC) was established in 1983 to conserve, rehabilitate, and enhance the state’s natural and environmental resources, while providing educational opportunities and meaningful work experiences for young adults (ages 18-25). The WCC creates partnerships with federal, state, and local agencies, private entities, and nonprofit groups to complete a variety of conservation-related projects. These include stream and riparian restoration, wetlands restoration and enhancement, soil stabilization, and other forest restoration activities, fencing, and trail work. The WCC also provides emergency response and hazard mitigation services to local communities.

Account	FY 2010	FY 2011	Biennial Total
FTE	38.4	32.4	35.4
001 General Fund			
001-1 State	\$590,000	\$644,000	\$1,234,000
001-2 Federal	\$1,304,000	\$739,000	\$2,043,000
001-7 Private/Local	\$2,160,000	\$1,595,000	\$3,755,000
001 Account Total	\$4,054,000	\$2,978,000	\$7,032,000

Statewide Result Area: Improve the quality of Washington’s natural resources

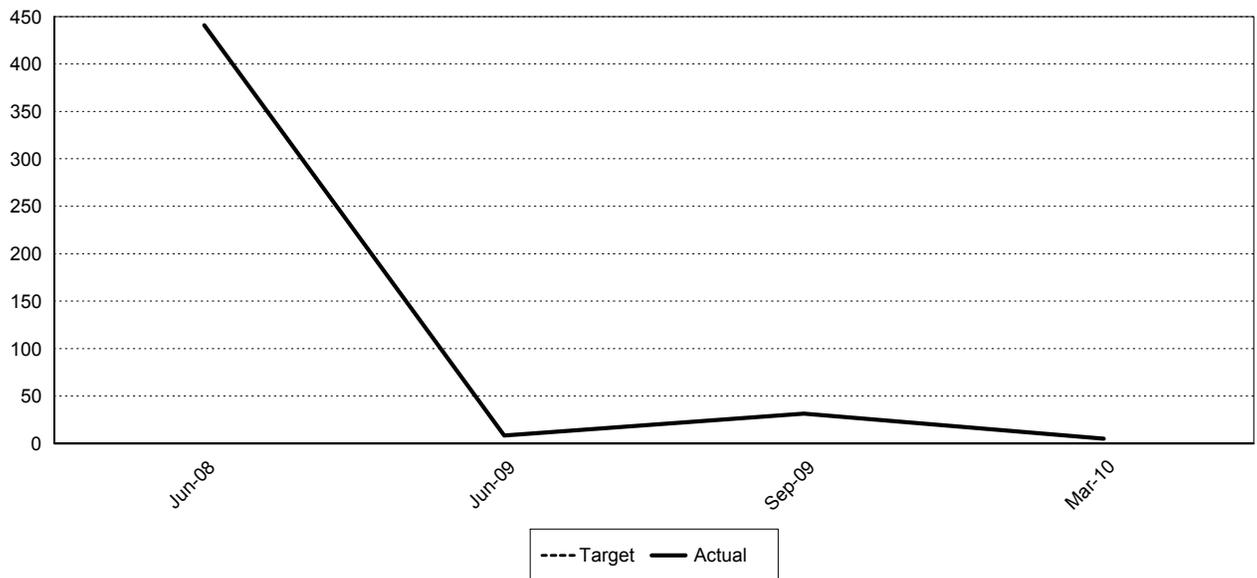
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Local communities get help from Washington Conservation Corps crews to carry out conservation and emergency response projects.

001465 Acres of habitat restored by the Washington Conservation Corps.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	5.1	
	Q2		
	Q1	31.5	
2007-09	Q8	8.3	
	Q7		
	Q6		
	Q5		
	Q4	441	
	Q3		
	Q2		
	Q1		

Number 001465 - Acres of habitat restored by the Washington Conservation Corps



A057 Services to Site Owners that Volunteer to Clean Up their Contaminated Sites

The agency provides services to site owners or operators who initiate clean-up of their contaminated sites. Voluntary clean-ups can be conducted in a variety of ways: completely independent of the agency; independent with some agency assistance or review; or with agency oversight under a signed legal agreement (an agreed order or consent decree). They may be done through consultations, prepayment agreements, prospective purchaser agreements, and brownfields redevelopment. The voluntary clean-up program minimizes the need for public funding used for such clean-up and promotes local economic development through new industries and other beneficial uses of cleaned properties.

Account	FY 2010	FY 2011	Biennial Total
FTE	23.5	23.5	23.5
173 State Toxics Control Account			
173-1 State	\$2,644,000	\$2,565,000	\$5,209,000

Statewide Result Area: Improve the quality of Washington’s natural resources

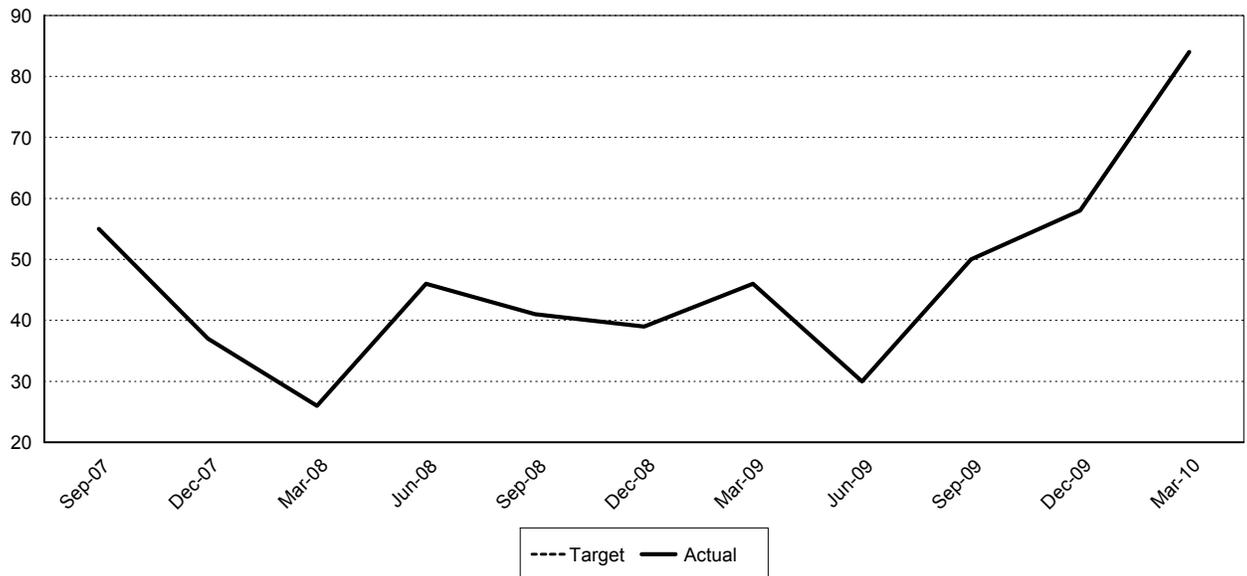
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Contaminated sites are voluntarily cleaned up by site owners and prospective buyers using private funding. Three percent increase in the number of sites cleaned up voluntarily by site owners and prospective buyers using private funding. Public and environmental health is protected. Cleaned sites are ready for redevelopment and job creation. Increased number of sites with cleanup actions in progress. Decreased response time from the agency to site owners and prospective buyers. Increased number of determinations made on final cleanup reports submitted by parties who voluntarily cleaned up sites.

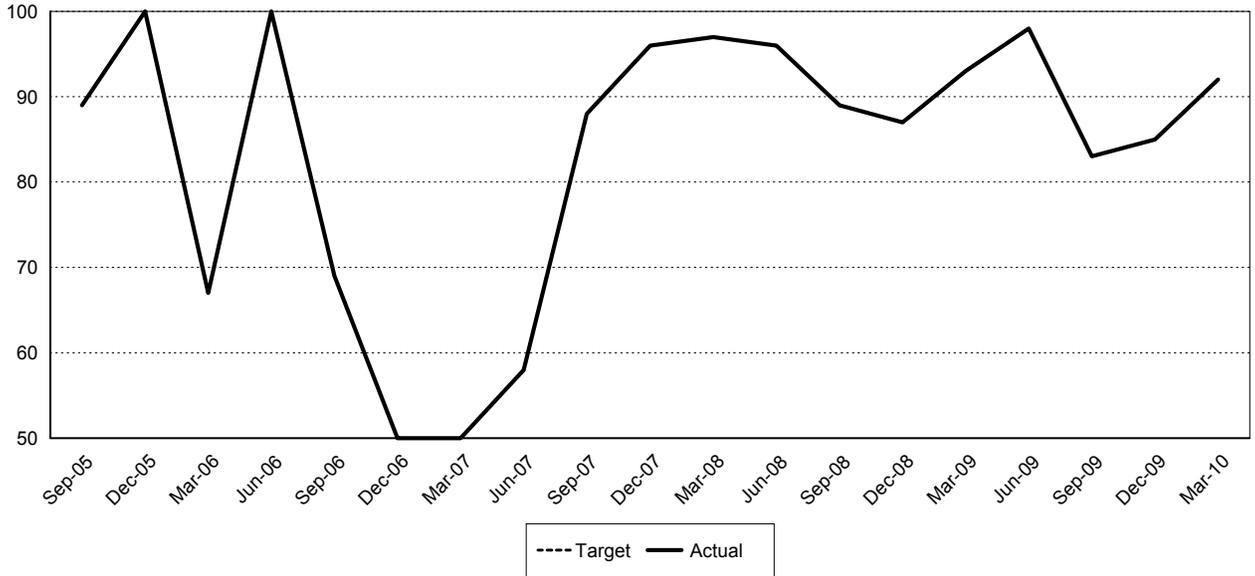
001504 Average number of days to provide an assessment of a plan or report received from a voluntary cleanup program applicant.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	84	
	Q2	58	
	Q1	50	
2007-09	Q8	30	
	Q7	46	
	Q6	39	
	Q5	41	
	Q4	46	
	Q3	26	
	Q2	37	
	Q1	55	

Number 001504 - Average Number of days to provide VCP response



001502 Percent of the voluntary cleanup program applicants who receive an assessment of their plan or report within 90 days.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	92%	
	Q2	85%	
	Q1	83%	
2007-09	Q8	98%	
	Q7	93%	
	Q6	87%	
	Q5	89%	
	Q4	96%	
	Q3	97%	
	Q2	96%	
	Q1	88%	
2005-07	Q8	58%	
	Q7	50%	
	Q6	50%	
	Q5	69%	
	Q4	100%	
	Q3	67%	
	Q2	100%	
	Q1	89%	

Percent 001502 - Percent of vol clnup program applicants who receive an assess of their plan or rpt w/in 90 days



A058 Provide Streamlined Project Permitting for Transportation Projects

The Department of Ecology contracts with the Washington State Department of Transportation (WSDOT) to provide dedicated personnel focused on improving and implementing the permitting and regulatory process for state transportation projects. To address traffic congestion and allow businesses to efficiently transport products in Washington, the Legislature and Governor have approved significant spending on transportation projects with the expectation of expedient project delivery. Interagency agreements with WSDOT allow the agency to permit and mitigate transportation projects through multi-agency transportation permitting teams, multi-agency programmatic approvals, watershed-based mitigation alternatives, and the assignment of dedicated organizational infrastructure at the Department of Ecology. Currently, this activity is wholly funded by interagency agreements with the Washington State Department of Transportation. Agreements expected to total \$1,655,000 for the biennium fund 8.43 FTEs. Additional agreements may be signed that would increase both FTEs and funding.

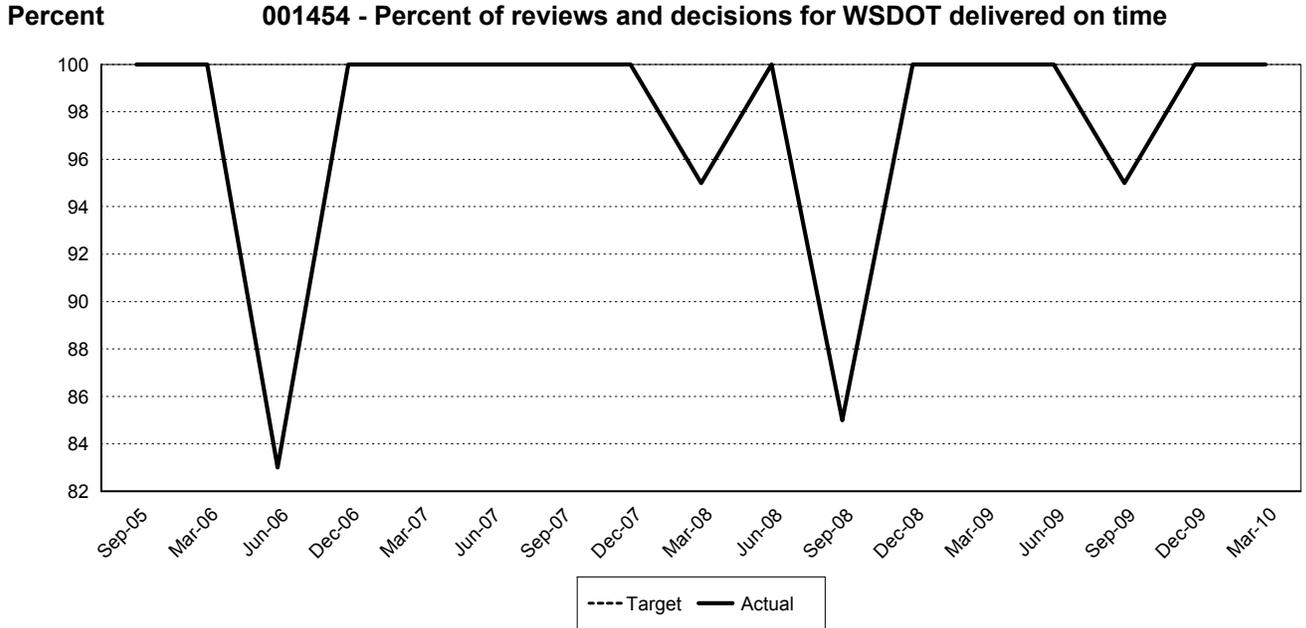
Account	FY 2010	FY 2011	Biennial Total
FTE	0.7	0.7	0.7
001 General Fund			
001-1 State	\$38,000	\$41,000	\$79,000
001-2 Federal	\$23,000	\$23,000	\$46,000
001 Account Total	\$61,000	\$64,000	\$125,000

Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

State transportation projects meet environmental laws. Washington Department of Transportation gets technical help on reducing impacts and receives timely decisions. Projects achieve compliance with permit conditions.

001454 Percent of reviews and decisions from Ecology's Transportation Team made within agreed upon timeframes for WSDOT's applications, permits, NEPA/SEPA documents, or other environmental documents.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	100%	100%
	Q2	100%	
	Q1	95%	
2007-09	Q8	100%	
	Q7	100%	
	Q6	100%	
	Q5	85%	
	Q4	100%	
	Q3	95%	
	Q2	100%	
	Q1	100%	
2005-07	Q8	100%	
	Q7	100%	
	Q6	100%	
	Q5		
	Q4	83%	
	Q3	100%	
	Q2		
	Q1	100%	



A059 Support Local Watershed Management of Water Resources

This activity involves work with other agencies, local watershed planning groups, and tribes to address water quantity issues under the Watershed Management Act. It includes providing technical support and studies for local watershed planning groups to develop and adopt local plans that can serve as the basis for sound water resources management.

Account	FY 2010	FY 2011	Biennial Total
FTE	9.1	9.1	9.1
001 General Fund			
001-1 State	\$1,356,000	\$1,338,000	\$2,694,000

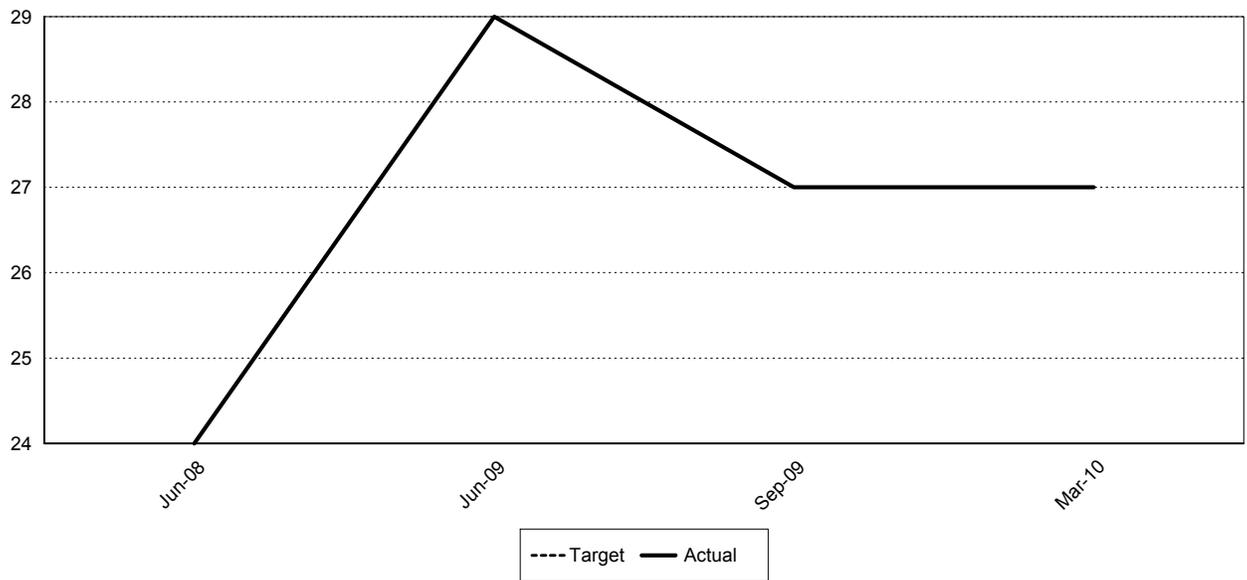
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Water is sustained for current and future needs. State local watershed management plans are developed, adopted, and implemented with enough information and agreement to support sound water use and actions. Local watershed planning groups receive technical support.

001462 Number of Watershed Planning Units in Phase 4 - Plan Implementation.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	27	
	Q2		
	Q1	27	
2007-09	Q8	29	
	Q7		
	Q6		
	Q5		
	Q4	24	
	Q3		
	Q2		
	Q1		

Number 001462 - Number of watersheds in the implementation of watershed planning



A060 Provide Regulatory Assistance for Significant Projects and Small Businesses

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

The Department of Ecology contracts with the Washington State Office of Regulatory Assistance (ORA) to provide dedicated permitting and environmental assistance services. This includes a headquarters-based One-Stop Service Center for walk-in, call-in, and 24/7 Web-based customers needing information, contacts, and assistance concerning local, state, and federal permits and approvals. It also includes regionalized Case Managers for more complex, complicated, and lengthy projects needing dedicated project management and process facilitation assistance. Currently, this activity is partly funded by an interagency agreement with the Office of Financial Management (OFM), and by funds from the agency’s Administration Program. Three FTEs are funded by an agreement with OFM that is expected to total \$796,000 for the biennium. Three additional FTEs are funded by the Administration Program; the cost of these FTEs is approximately \$180,000 for the biennium.

Account	FY 2010	FY 2011	Biennial Total
FTE	3.8	3.8	3.8
001 General Fund			
001-1 State	\$38,000	\$34,000	\$72,000
001-2 Federal	\$23,000	\$23,000	\$46,000
001-7 Private/Local	\$1,787,000	\$2,284,000	\$4,071,000
001 Account Total	\$1,848,000	\$2,341,000	\$4,189,000
173 State Toxics Control Account			
173-1 State	\$0	\$267,000	\$267,000

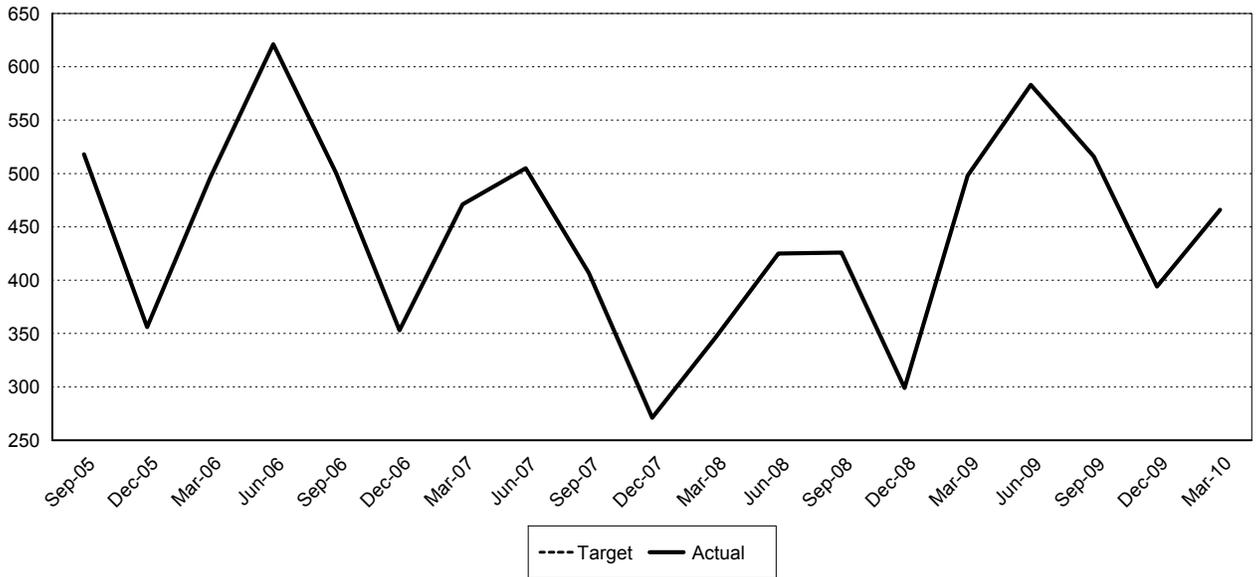
Statewide Result Area: Improve the economic vitality of businesses and individuals
Statewide Strategy: Remove economic development barriers through targeted infrastructure and assistance

Expected Results

People and businesses who contact the Office of Regulatory Assistance receive permit information. Helpful information is available to applicants on environmental permits such as web-based tools, directories, fact sheets, guidance, and other materials.

001452 Number of applicants and customers provided permit assistance information by the Office of Regulatory Assistance Service Center.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	466	
	Q2	394	
	Q1	516	
2007-09	Q8	583	
	Q7	498	
	Q6	299	
	Q5	426	
	Q4	425	
	Q3	346	
	Q2	271	
	Q1	407	
2005-07	Q8	505	
	Q7	471	
	Q6	353	
	Q5	500	
	Q4	621	
	Q3	496	
	Q2	356	
	Q1	518	

Number **001452 - Number of applicants and customers provided permit asst info**



A061 Support Water Use Efficiency

The agency provides agricultural, commercial/industrial, and nonprofit water users with services that deliver water savings. These include information, planning, and technical, engineering, and financial assistance. Support also is provided for water reuse projects and to the Department of Health for municipal water conservation.

Account	FY 2010	FY 2011	Biennial Total
FTE	4.0	4.0	4.0
001 General Fund			
001-1 State	\$278,000	\$274,000	\$552,000
001-2 Federal	\$37,000	\$36,000	\$73,000
001 Account Total	\$315,000	\$310,000	\$625,000
072 State and Local Improvements Revolving Account (Water Supply Facilities)			
072-1 State	\$177,000	\$177,000	\$354,000

Statewide Result Area: Improve the quality of Washington’s natural resources

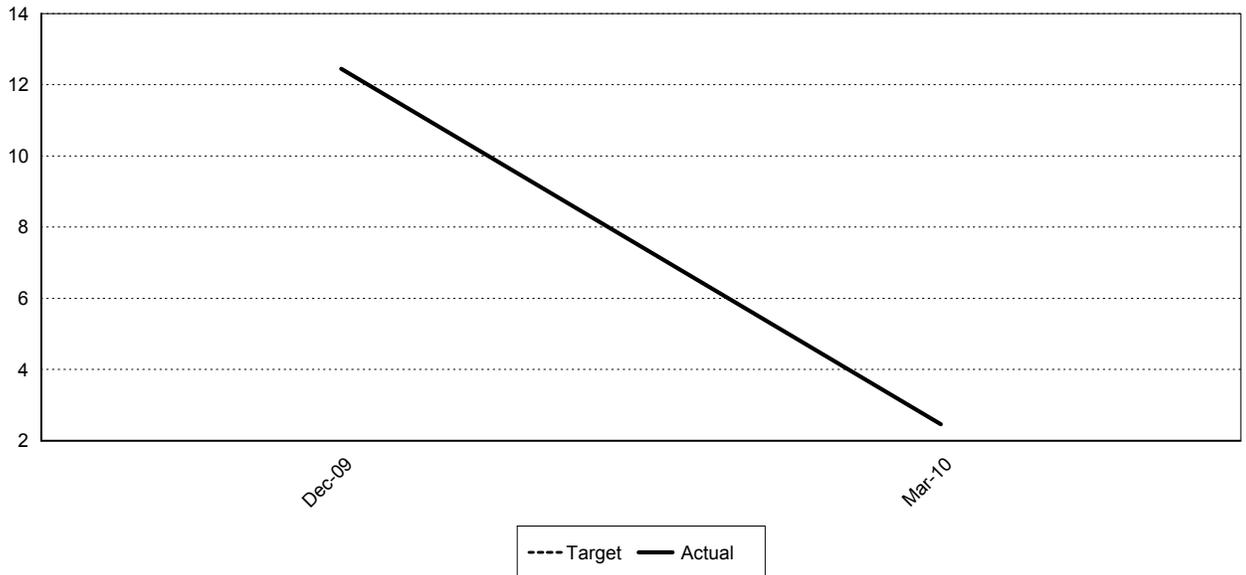
Statewide Strategy: Achieve sustainable use of public natural resources

Expected Results

Water is sustained for current and future needs. Increased water, energy, and cost savings to protect the environment, increased business competitiveness and reduced pressure on water supplies and waste treatment facilities. Agricultural, commercial, industrial, and non-profit water users get technical support. Department of Health water conservation and reclaimed water efforts get support from Ecology.

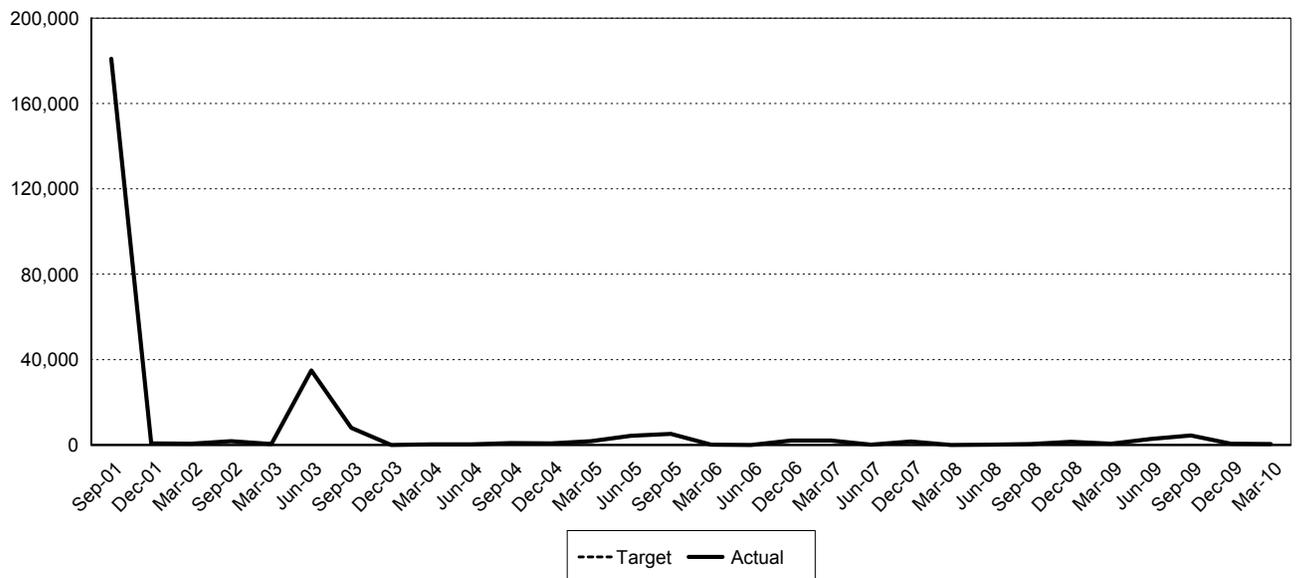
001578 Amount of funding provided to projects that improve water use efficiency (Dollars in Millions)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	\$2.46	
	Q2	\$12.45	
	Q1		

Dollars 001578 - Amount of funding provided to projects that improve water use efficiency



001566 Volume of water saved for instream flow in acre feet			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	387.3	
	Q2	617.95	
	Q1	4,403.65	
2007-09	Q8	2,816.81	
	Q7	605.37	
	Q6	1,530	
	Q5	415	
	Q4	114.28	
	Q3	51	
	Q2	1,651	
	Q1		
2005-07	Q8	90.39	
	Q7	2,099.67	
	Q6	2,008.67	
	Q5		
	Q4	9.2	
	Q3	152	
	Q2		
	Q1	5,220	

Number 001566 - Volume of water saved for instream flow in acre feet



A063 Climate Change Mitigation and Adaptation

State law requires reductions in emissions of greenhouse gases as well as efforts to prepare for and respond to climate changes that are already underway. To better understand the volume and sources of greenhouse gas emissions in the state, Ecology conducts a viennial emissions inventory and will adopt a rule and systems to begin mandatory greenhouse gas reporting. To help the state achieve its greenhouse gas targets, Ecology will continue engagement with national and regional partners to design a comprehensive greenhouse gas reduction program and work with transportation, forestry, industry and other sectors to identify reduction strategies, benchmarks, and offsets. To help citizens, business, and local governments cope with existing and projected climate changes Ecology will work in concert with other designated agencies to develop an integrated climate change response strategy, and will provide tools and assistance to help local governments and state agencies identify and report their greenhouse gas emissions and develop strategies to reduce those emissions. Ecology will also evaluate potential impacts of sea level rise and changes in water supplies.

Account	FY 2010	FY 2011	Biennial Total
FTE	10.8	10.8	10.8
216 Air Pollution Control Account			
216-1 State	\$0	\$683,000	\$683,000
001 General Fund			
001-1 State	\$1,761,000	\$1,675,000	\$3,436,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Achieve sustainable use of public natural resources

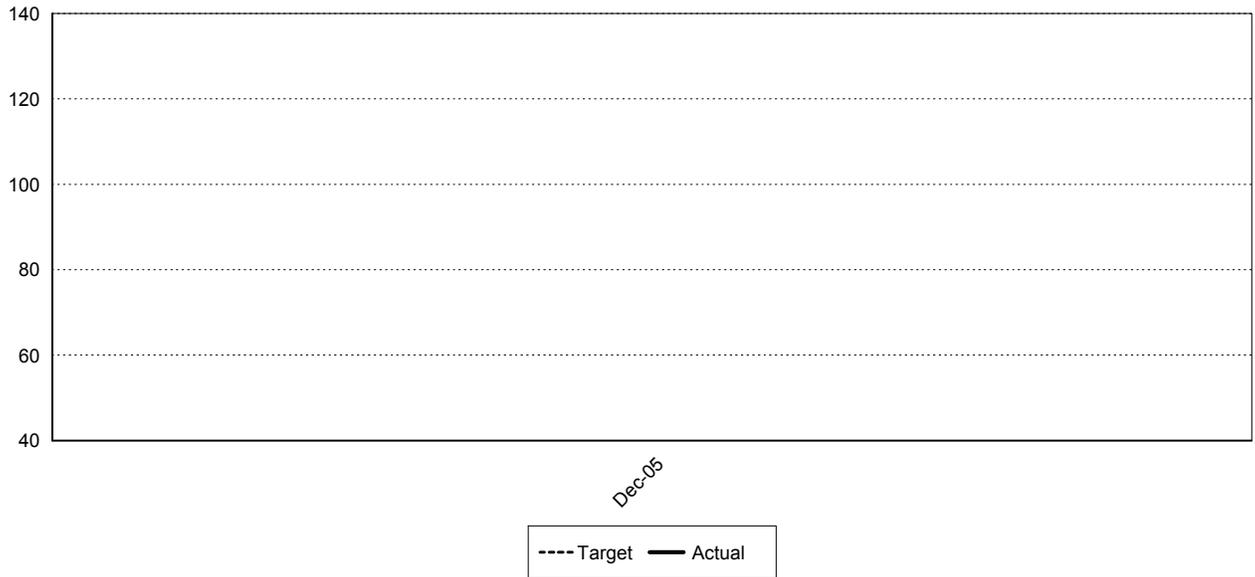
Expected Results

The Department of Ecology will do the following tasks. Complete a statewide greenhouse gas emission inventory, and begin operation of a greenhouse gas reporting program. Assure that Washington's unique electricity, forestry, agriculture, and industrial interests are considered in the design of national or regional climate change reduction program(s). Develop industry emission benchmarks. Write a report that includes emission estimates, proportionate shares of 2020 reductions and needed actions and strategies to make those reductions from large industrial emitters. Make recommendations for emission reduction offsets and/or other incentives for the forestry industry. Sign an emission reduction order with TransAlta that reduces its greenhouse gas emission by at least 50 percent. Make recommendations about a Washington low carbon fuel standard to the Governor. Develop an integrated climate change adaptation strategy including creating a public website. Calculate its greenhouse gas emissions and develop a plan to reduce them. Develop and disseminate an emissions calculator to assist state agencies in estimating aggregate emissions. Assist other state agencies in reporting their emissions and the actions they will take to reduce their emissions, Submit a report to the Governor on state agency emissions by 12/31/10. Create methods to track progress towards meeting the state's 2020 emissions and report on progress to the Legislature. Provide guidance on sea level rise and water supplies in light of climate change to local governments and other water users.

Appropriation Period: 2009-11 Activity Version: 2D - 2010 Supplemental Enacted Recast Sort By: Activity

001009 Tons of greenhouse gas emissions produced statewide.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2007-09	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2005-07	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	88.4	
	Q1		

Number 001009 - Tons of Greenhouse Gas Emissions



A064 Manage Solid Waste Safely

Solid waste facilities are managed by local health jurisdictions. Ecology provides technical assistance and oversight to local health departments to ensure that solid waste handling and disposal facilities are in compliance with environmental requirements. (Authorizing laws: RCW 70.95, Solid Waste Management Act; RCW 105D, Hazardous Waste Cleanup Model Toxics Control Act)

Account	FY 2010	FY 2011	Biennial Total
FTE	18.8	18.8	18.8
174 Local Toxics Control Account			
174-1 State	\$295,000	\$311,000	\$606,000
173 State Toxics Control Account			
173-1 State	\$1,491,000	\$1,486,000	\$2,977,000

Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

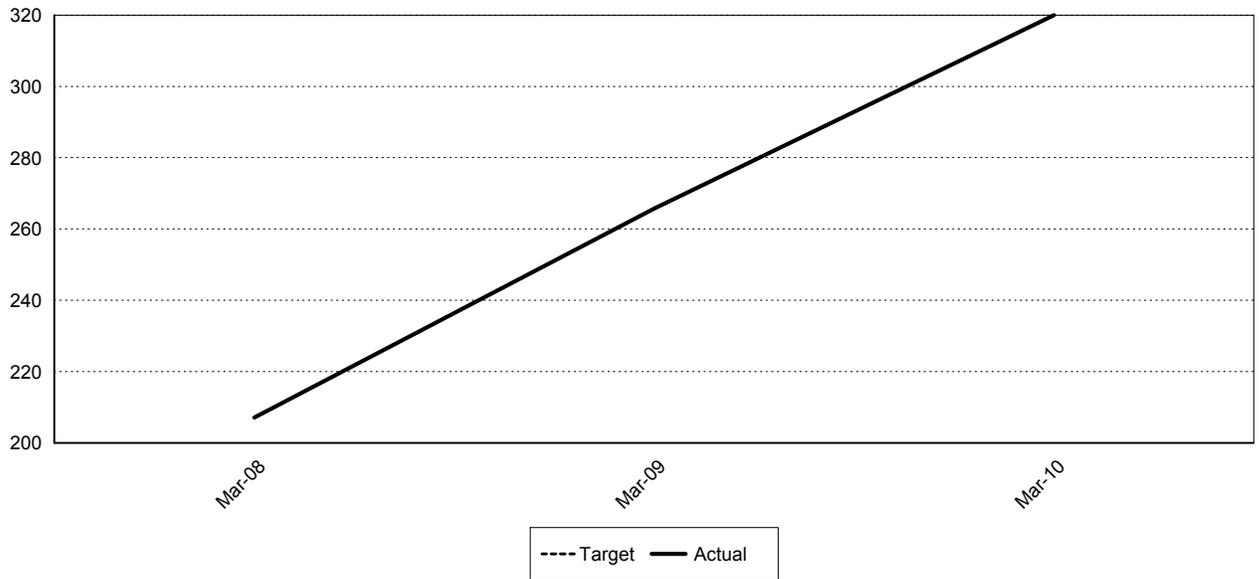
Disposed solid waste needs to be managed in environmentally compliant facilities. Proper solid waste handling and disposal practices will minimize toxic contamination to the state's groundwater, surface water, and air.

* Technical assistance is provided to jurisdictional health departments to ensure facility compliance with environmental regulations,

001497 Dollar value of recyclables disposed (in millions)			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	\$320	
	Q2		
	Q1		
2007-09	Q8		
	Q7	\$265.7	
	Q6		
	Q5		
	Q4		
	Q3	\$207.1	
	Q2		
	Q1		

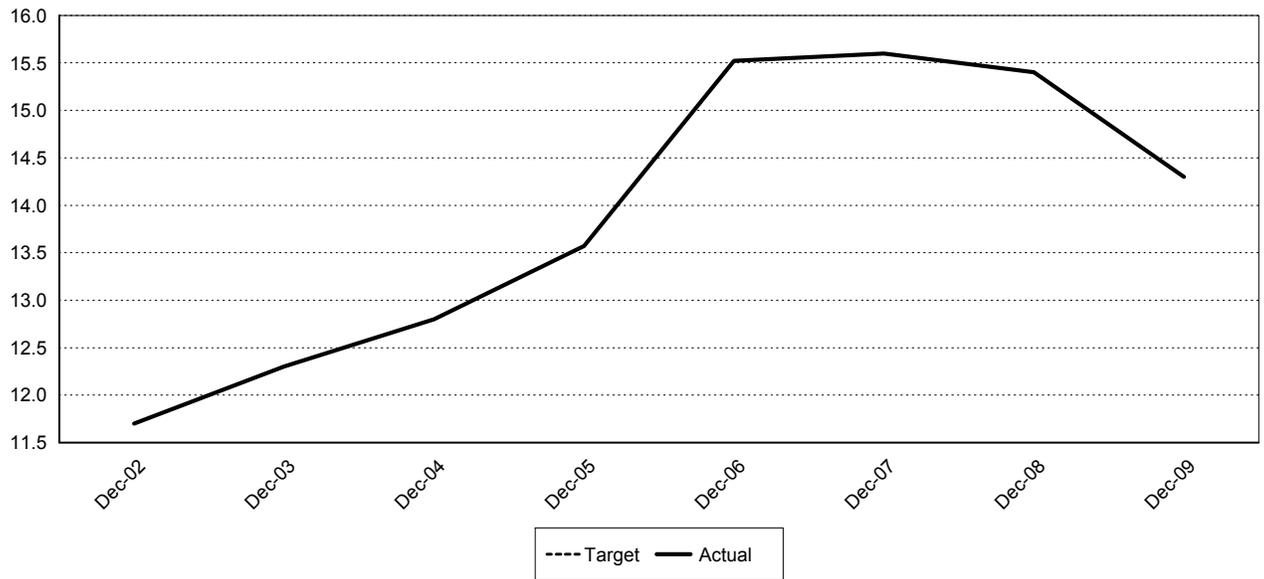
Dollars

001497 - Dollar value of recyclables disposed



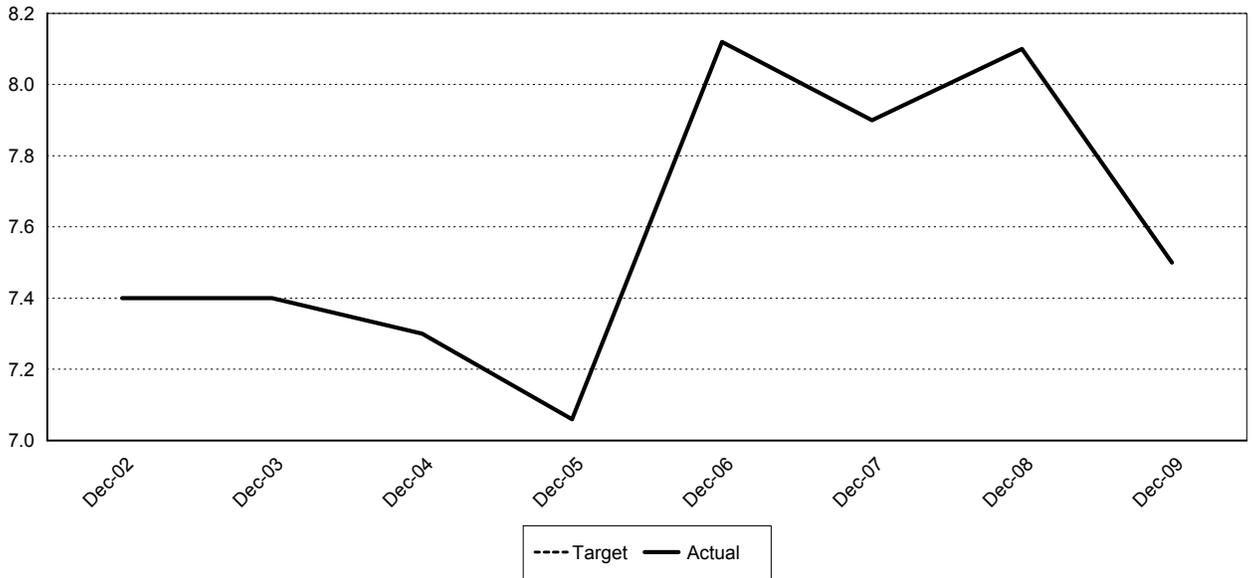
001484 Million of tons of solid waste generated annually in Washington.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	14.3	
	Q1		
2007-09	Q8		
	Q7		
	Q6	15.4	
	Q5		
	Q4		
	Q3		
	Q2	15.6	
	Q1		
2005-07	Q8		
	Q7		
	Q6	15.52	
	Q5		
	Q4		
	Q3		
	Q2	13.57	
	Q1		

Number **001484 - Million of tons of solid waste generated annually in Washington**



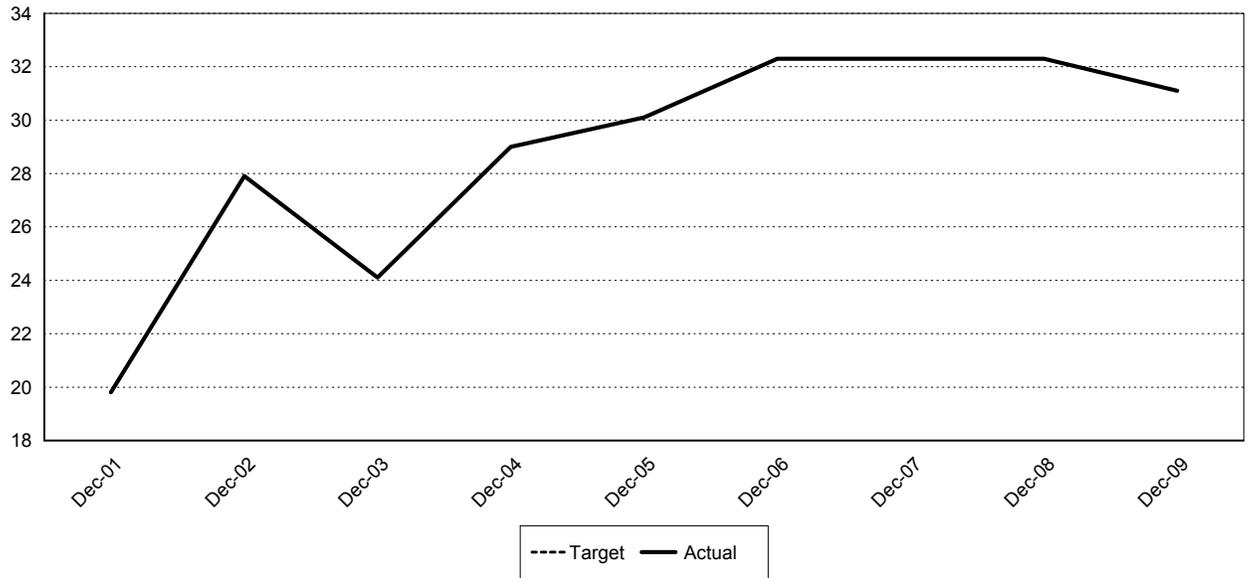
001485 Millions of tons of solid waste disposed annually by Washington residents and businesses.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	7.5	
	Q1		
2007-09	Q8		
	Q7		
	Q6	8.1	
	Q5		
	Q4		
	Q3		
	Q2	7.9	
	Q1		
2005-07	Q8		
	Q7		
	Q6	8.12	
	Q5		
	Q4		
	Q3		
	Q2	7.06	
	Q1		

Number 001485 - Millions of tons of solid waste disposed annually by Washington residents and businesses



001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed.			
Biennium	Period	Actual	Target
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	31.1	
	Q1		
2007-09	Q8		
	Q7		
	Q6	32.3	
	Q5		
	Q4		
	Q3		
	Q2	32.3	
	Q1		
2005-07	Q8		
	Q7		
	Q6	32.3	
	Q5		
	Q4		
	Q3		
	Q2	30.1	
	Q1		

Number 001495 - Pounds of household and small quantity generator hazardous wastes recycled or properly disposed



Grand Total

	FY 2010	FY 2011	Biennial Total
FTE's	1,554.8	1,542.1	1,548.5
GFS	\$58,552,000	\$52,725,000	\$111,277,000
Other	\$161,874,000	\$172,871,000	\$334,745,000
Total	\$220,426,000	\$225,596,000	\$446,022,000

<u>Parameter</u>	<u>Entered As</u>
Budget Period	2009-11
Agency	461
Version	2D
Result Area	All Result Areas
Activity	All Activities
Program	All Programs
Sub Program	All Sub Programs
Account	All Accounts
Expenditure Authority Type	All Expenditure Authority Types
Theme	All
Sort By	Activity
Display All Account Types	Yes
Include Policy Level	Yes
Include Activity Description	Yes
Include Statewide Result Area	Yes
Include Statewide Strategy	Yes
Include Expected Results Text	Yes
Include Charts	Yes
Chart Type	Line
Include Parameter Selections	Yes
Version Source	OFM