

## 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 2012	FY 2013	Biennial Total
FTE	6.1	6.1	6.1
<b>001 General Fund</b>			
001-1 State	\$723,000	\$717,000	\$1,440,000

**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.

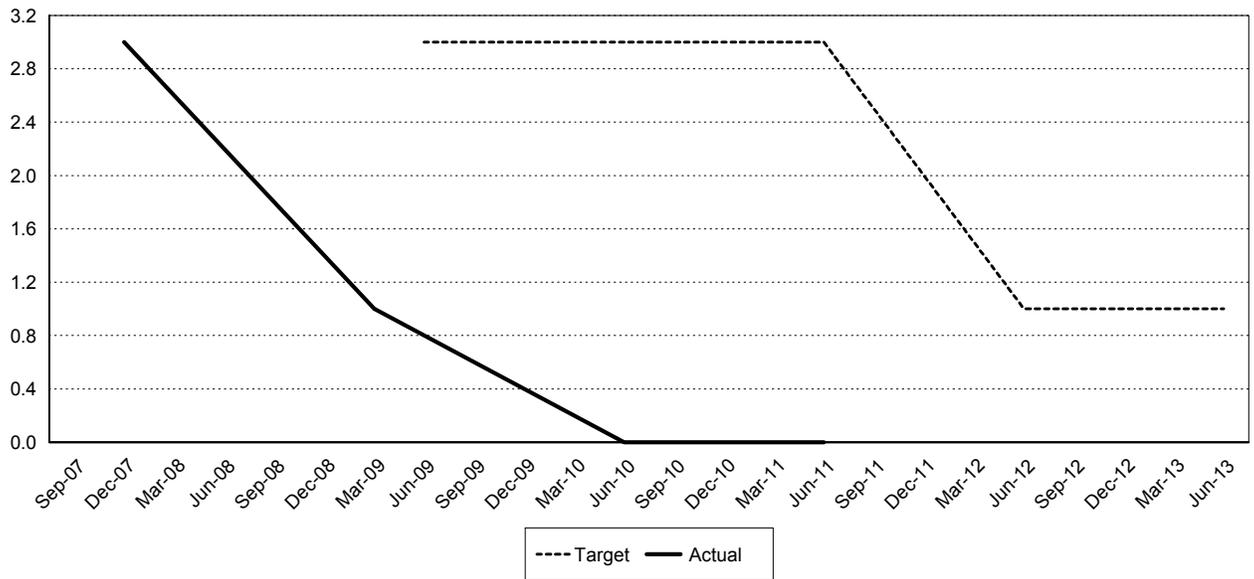
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001572 Number of Tribal water right settlement processes initiated.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		1
	Q7		
	Q6		
	Q5		
	Q4		1
	Q3		
	Q2		
	Q1		
2009-11	Q8	0	3
	Q7		
	Q6		
	Q5		
	Q4	0	
	Q3		
	Q2		
	Q1		
2007-09	Q8		3
	Q7	1	
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	3	
	Q1		

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Number

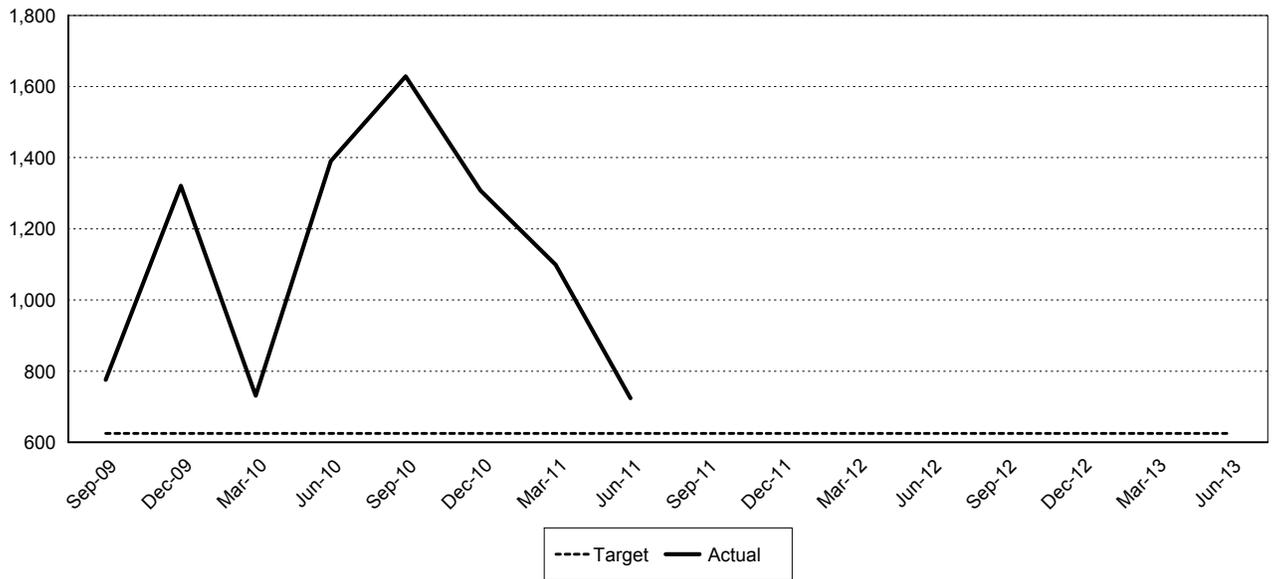
001572 - Initiate Tribal water right settlement processes



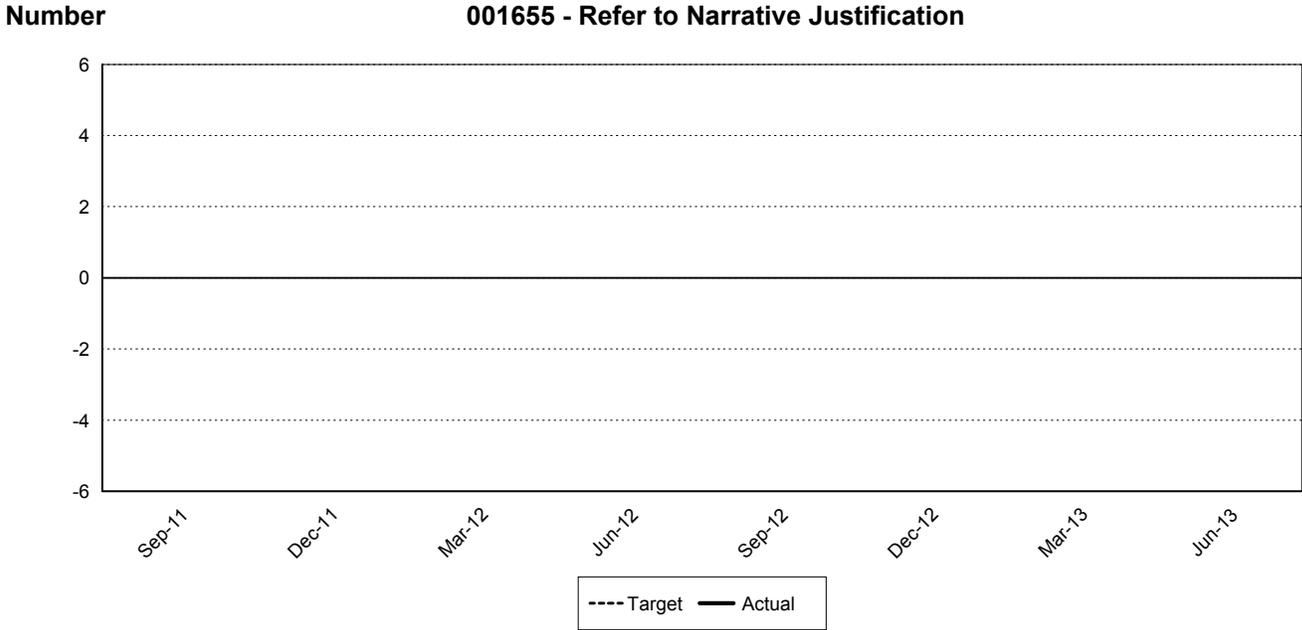
001581 Number of claims, rights, and/or permits reviewed for the Spokane Adjudications			
Biennium	Period	Actual	Target
2011-13	Q8		625
	Q7		625
	Q6		625
	Q5		625
	Q4		625
	Q3		625
	Q2		625
	Q1		625
2009-11	Q8	724	625
	Q7	1,099	625
	Q6	1,308	625
	Q5	1,629	625
	Q4	1,391	625
	Q3	731	625
	Q2	1,321	625
	Q1	776	625

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**Number 001581 - Number of claims, rights, and/or permit reviewed for Spokane adjudication**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	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.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	212.2	206.0	209.1
<b>219 Air Operating Permit Account</b>			
219-1 State	\$192,000	\$186,000	\$378,000
<b>216 Air Pollution Control Account</b>			
216-1 State	\$172,000	\$157,000	\$329,000
<b>10A Aquatic Algae Control Account</b>			
10A-1 State	\$7,000	\$7,000	\$14,000
<b>199 Biosolids Permit Account</b>			
199-1 State	\$136,000	\$132,000	\$268,000
<b>11J Electronic Products Recycling Account</b>			
11J-6 Non-Appropriated	\$36,000	\$53,000	\$89,000
<b>02P Flood Control Assistance Account</b>			
02P-1 State	\$122,000	\$119,000	\$241,000
<b>222 Freshwater Aquatic Weeds Account</b>			
222-1 State	\$31,000	\$30,000	\$61,000
<b>001 General Fund</b>			
001-1 State	\$5,882,000	\$5,868,000	\$11,750,000
001-2 Federal	\$3,271,000	\$3,162,000	\$6,433,000
001-7 Private/Local	\$28,000	\$31,000	\$59,000
<b>001 Account Total</b>	<b>\$9,181,000</b>	<b>\$9,061,000</b>	<b>\$18,242,000</b>
<b>207 Hazardous Waste Assistance Account</b>			
207-1 State	\$395,000	\$384,000	\$779,000
<b>072 State and Local Improvements Revolving Account (Water Supply Facilities)</b>			
072-1 State	\$20,000	\$19,000	\$39,000
<b>174 Local Toxics Control Account</b>			
174-1 State	\$525,000	\$513,000	\$1,038,000
<b>217 Oil Spill Prevention Account</b>			
217-1 State	\$423,000	\$404,000	\$827,000
<b>16T Product Stewardship Programs Account</b>			
16T-6 Non-Appropriated	\$28,000	\$28,000	\$56,000
<b>027 Reclamation Revolving Account</b>			
027-1 State	\$162,000	\$157,000	\$319,000
<b>125 Site Closure Account</b>			
125-1 State	\$81,000	\$25,000	\$106,000
<b>173 State Toxics Control Account</b>			

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
173-1 State	\$7,096,000	\$7,125,000	\$14,221,000
173-7 Private/Local	\$36,000	\$35,000	\$71,000
<b>173 Account Total</b>	<b>\$7,132,000</b>	<b>\$7,160,000</b>	<b>\$14,292,000</b>
<b>182 Underground Storage Tank Account</b>			
182-1 State	\$254,000	\$247,000	\$501,000
<b>044 Waste Reduction/Recycling/Litter Control</b>			
044-1 State	\$383,000	\$369,000	\$752,000
<b>727 Water Pollution Control Revolv Acct</b>			
727-1 State	\$28,000	\$27,000	\$55,000
727-2 Federal	\$140,000	\$136,000	\$276,000
<b>727 Account Total</b>	<b>\$168,000</b>	<b>\$163,000</b>	<b>\$331,000</b>
<b>176 Water Quality Permit Account</b>			
176-1 State	\$2,407,000	\$2,341,000	\$4,748,000
<b>10G Water Rights Tracking System Account</b>			
10G-1 State	\$2,000	\$4,000	\$6,000
<b>160 Wood Stove Education and Enforcement Account</b>			
160-1 State	\$12,000	\$19,000	\$31,000
<b>163 Worker and Community Right-to-Know Account</b>			
163-1 State	\$118,000	\$115,000	\$233,000

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

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

**Expected Results**

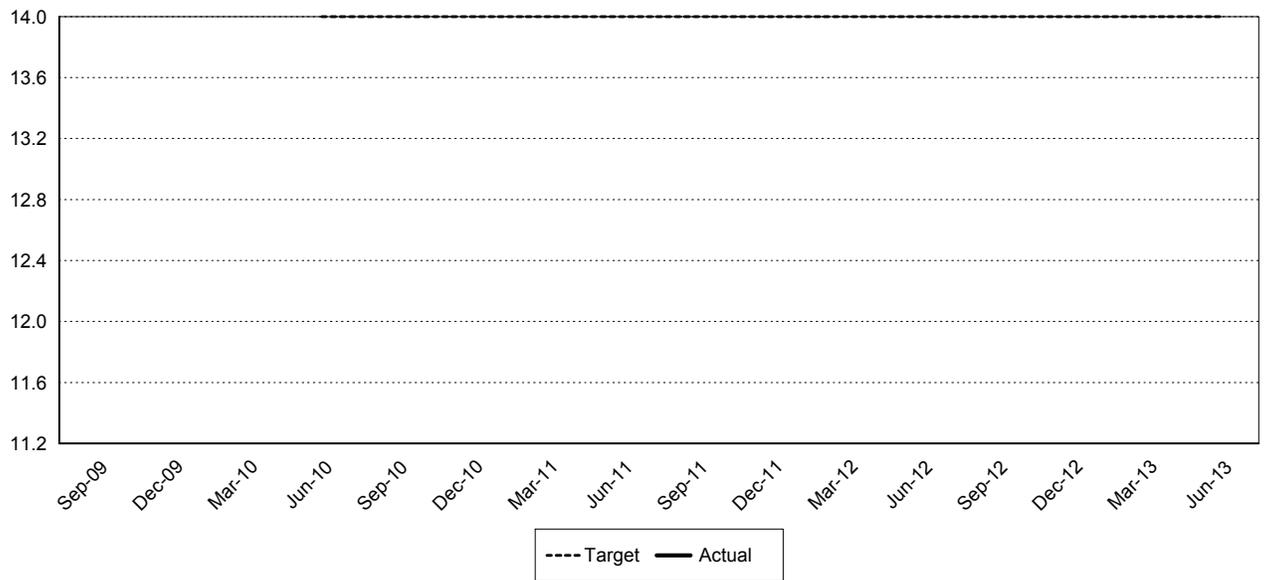
Agency managers, the Governor, the State Auditor, the Office of Financial Management (OFM), and the Legislature have confidence in Ecology's financial information and can use it to make decisions affecting the environment. The public is educated about Ecology's work and role in environmental protection 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.

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001768 Diversity goal measures the percent of people of color for the total agency.			
Biennium	Period	Actual	Target
2011-13	Q8		14%
	Q7		
	Q6		
	Q5		
	Q4		14%
	Q3		
	Q2		
	Q1		
2009-11	Q8		14%
	Q7		
	Q6		
	Q5		
	Q4	11.4%	14%
	Q3		
	Q2		
	Q1		

Percent

001768 - Diversity goal percentage for total agency

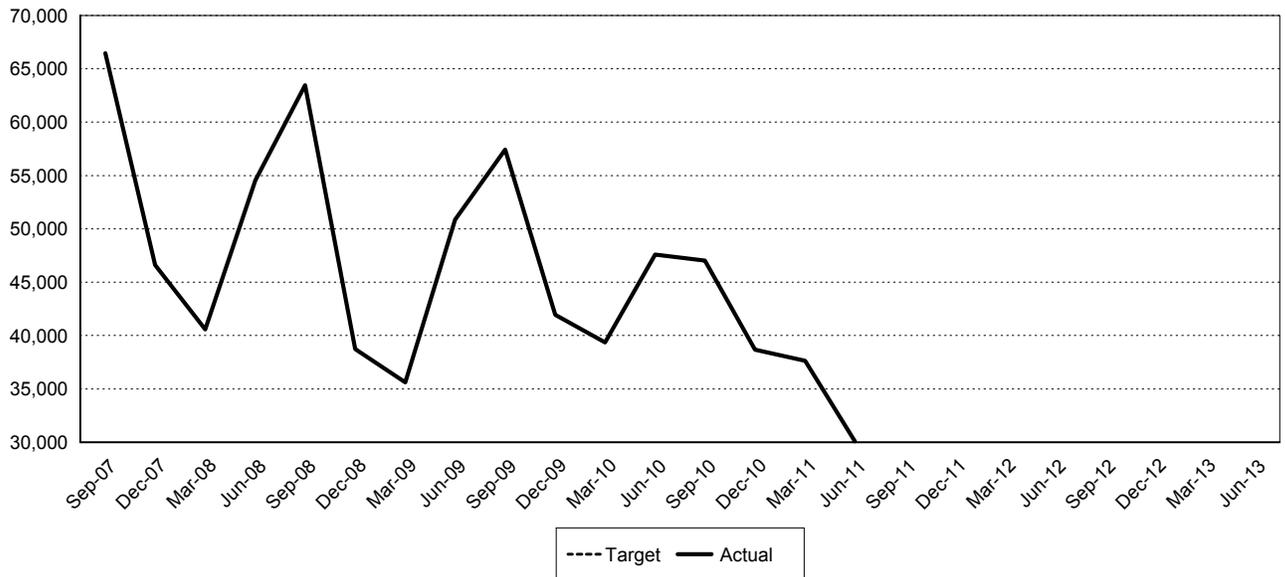


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<b>001663 Gallons of fuel used in Ecology vehicles and equipment by quarter</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2009-11	Q8	30,089	
	Q7	37,649	
	Q6	38,688	
	Q5	47,024	
	Q4	47,604	
	Q3	39,347	
	Q2	41,957	
	Q1	57,417	
2007-09	Q8	50,866	
	Q7	35,617	
	Q6	38,745	
	Q5	63,454	
	Q4	54,544	
	Q3	40,582	
	Q2	46,603	
	Q1	66,462	

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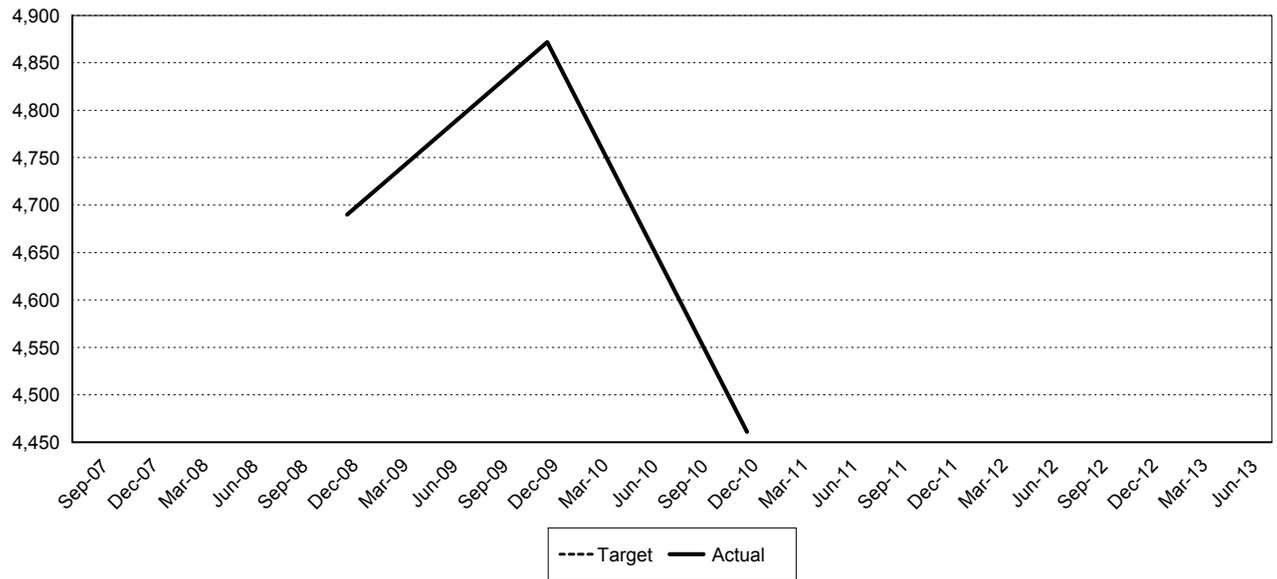
**Number**                      **001663 - Gallons of fuel used in Ecology vehicles and equipment by quarter**



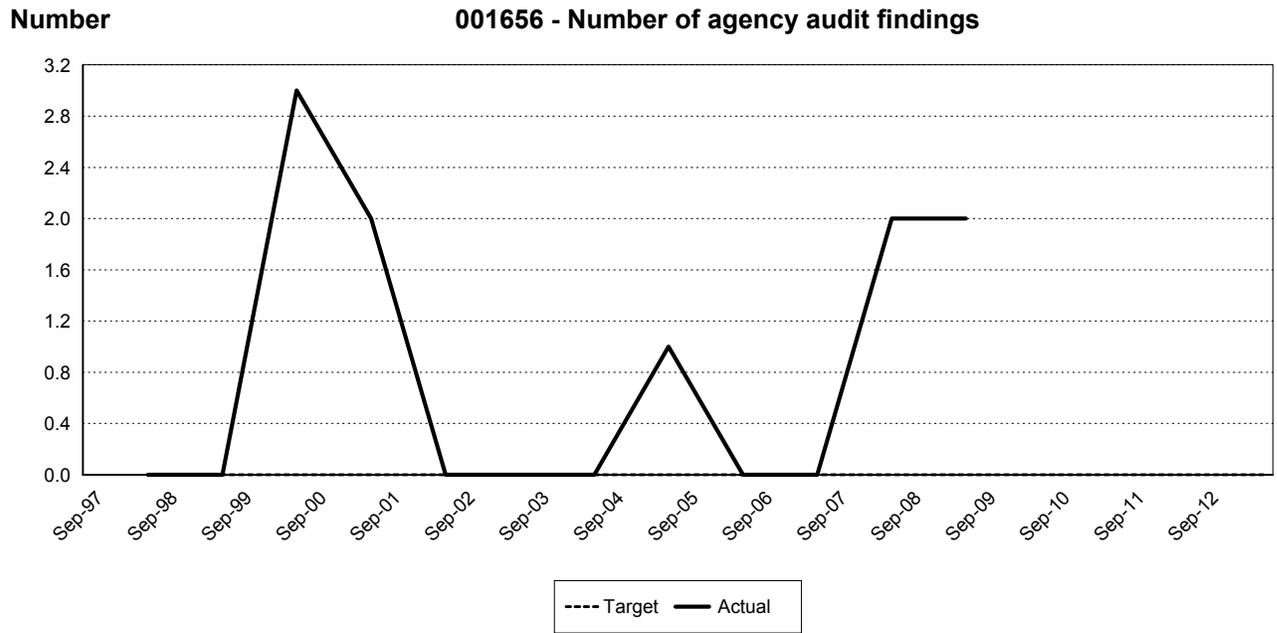
<b>001660 Pounds of Ecology greenhouse gas emissions</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2009-11	Q8		
	Q7		
	Q6	4,461	
	Q5		
	Q4		
	Q3		
	Q2	4,872	
	Q1		
2007-09	Q8		
	Q7		
	Q6	4,690	
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**Number** **001660 - Metric tons of Ecology greenhouse gas emissions**



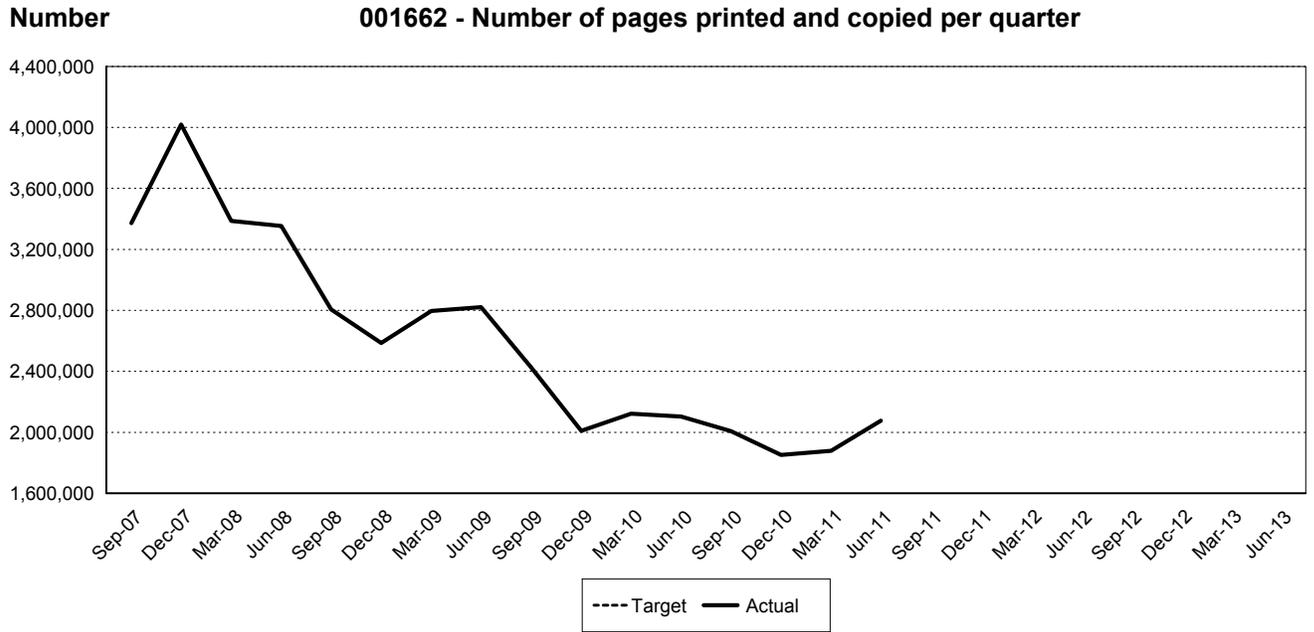
001656 Number of agency audit findings.			
Biennium	Period	Actual	Target
2011-13	Q8		0
	Q7		
	Q6		
	Q5		
	Q4		0
	Q3		
	Q2		
	Q1		
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2007-09	Q8	2	0
	Q7		
	Q6		
	Q5		
	Q4	2	0
	Q3		
	Q2		
	Q1		



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<b>001662 The number of pages printed and copied per quarter.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2009-11	Q8	2,076,252	
	Q7	1,879,066	
	Q6	1,852,436	
	Q5	2,007,167	
	Q4	2,103,083	
	Q3	2,121,653	
	Q2	2,010,150	
	Q1	2,425,355	
2007-09	Q8	2,820,122	
	Q7	2,795,863	
	Q6	2,586,411	
	Q5	2,807,181	
	Q4	3,352,827	
	Q3	3,386,794	
	Q2	4,018,068	
	Q1	3,372,352	

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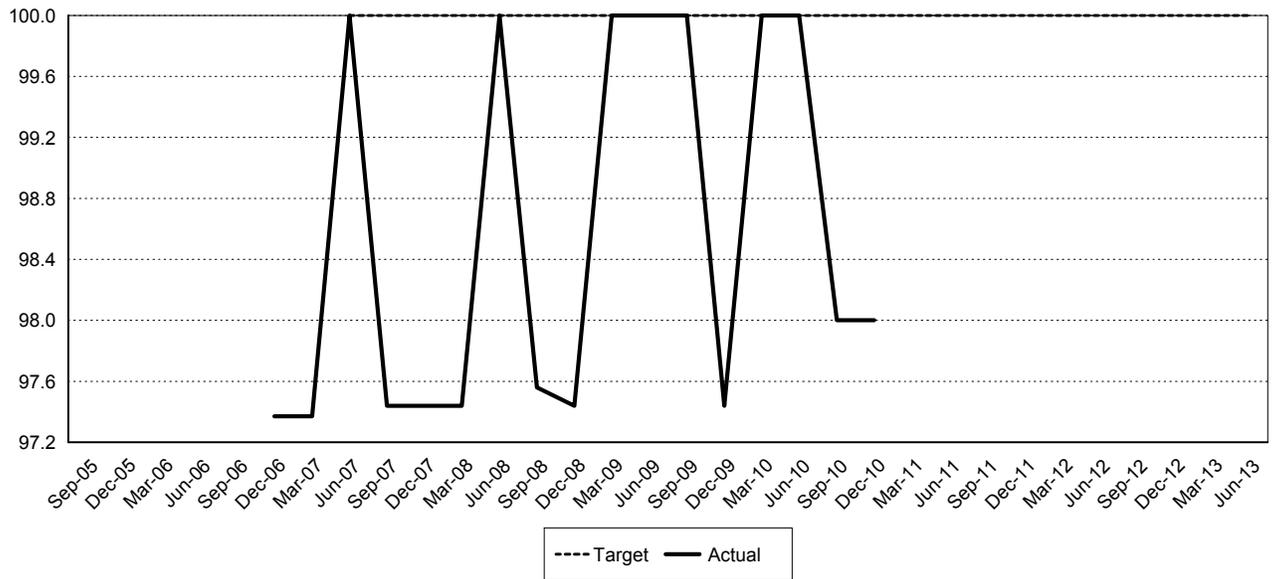


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<b>001657 Percent of Ecology-administered dedicated accounts with a positive cash balance at the end of each quarter.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		100%
	Q7		
	Q6		
	Q5		
	Q4		100%
	Q3		
	Q2		
	Q1		
2009-11	Q8		100%
	Q7		
	Q6	98%	
	Q5	98%	
	Q4	100%	100%
	Q3	100%	
	Q2	97.44%	
	Q1	100%	
2007-09	Q8	100%	100%
	Q7	100%	
	Q6	97.44%	
	Q5	97.56%	
	Q4	100%	100%
	Q3	97.44%	
	Q2	97.44%	
	Q1	97.44%	

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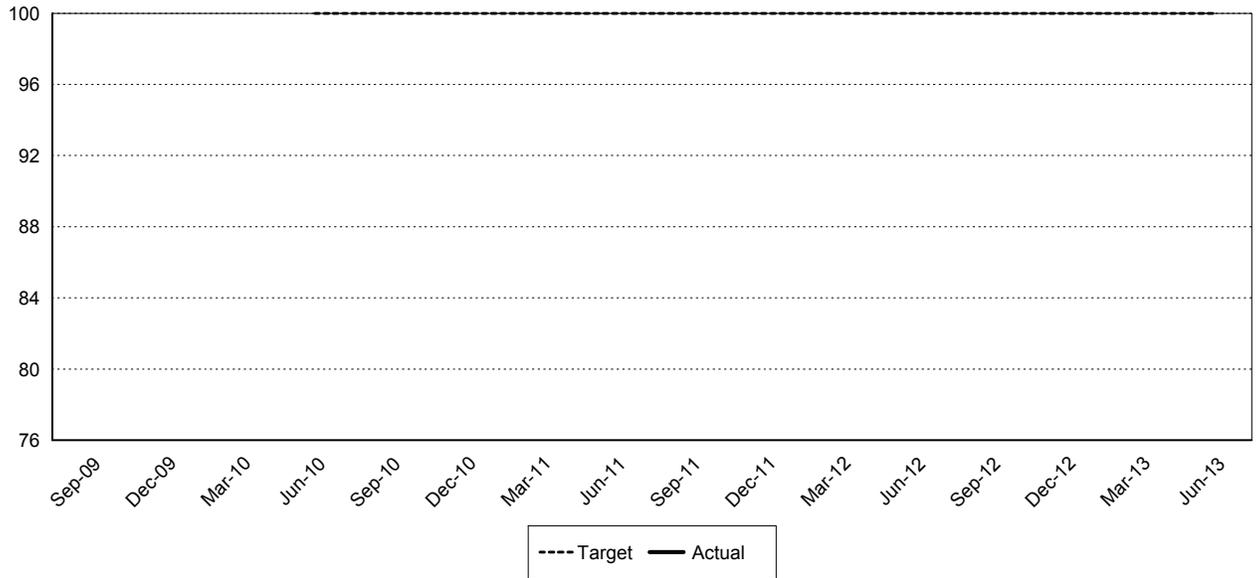
**Percent 001657 - Percent of Ecology-administered accounts with a positive cash balance (quarterly).**



<b>001769 Percent of employees meeting the Discrimination &amp; Sexual Harrassment training requirements</b>			
Biennium	Period	Actual	Target
2011-13	Q8		100%
	Q7		
	Q6		
	Q5		
	Q4		100%
	Q3		
	Q2		
	Q1		
2009-11	Q8		
	Q7		
	Q6		
	Q5		
	Q4	76%	100%
	Q3		
	Q2		
	Q1		

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**Percent 001769 - Percent of employees meeting the Discrimination & Sexual Harrassment training requirements**

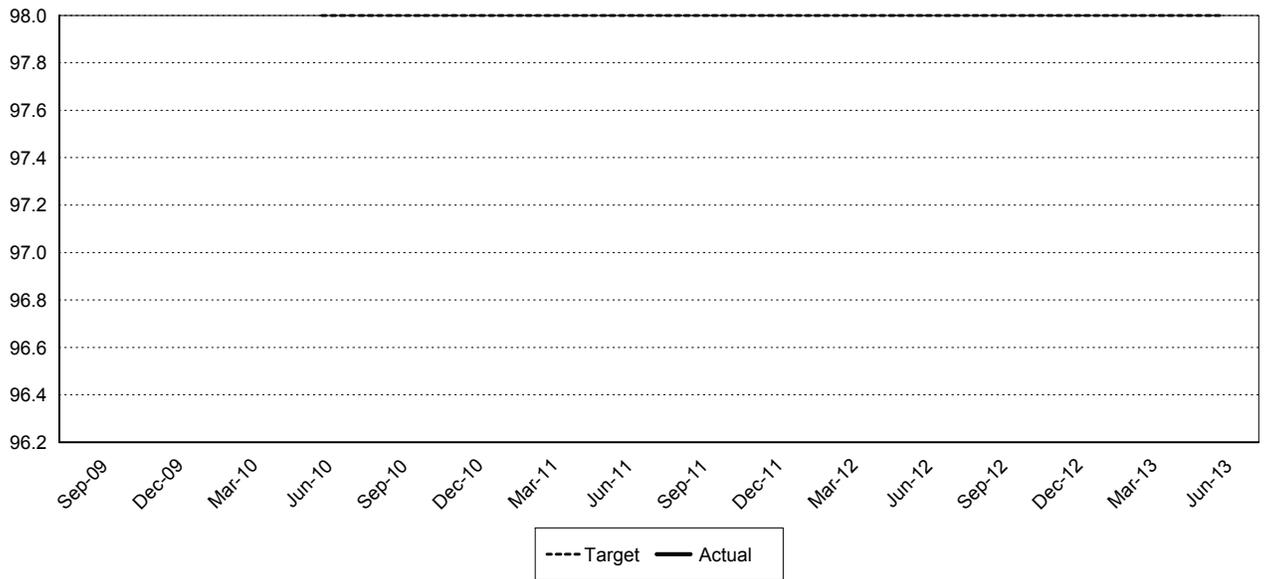


<b>001767 Percent of employees who are accident-free</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		98%
	Q7		
	Q6		
	Q5		
	Q4		98%
	Q3		
	Q2		
	Q1		
2009-11	Q8		98%
	Q7		
	Q6		
	Q5		
	Q4	96.3%	98%
	Q3		
	Q2		
	Q1		

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Percent

001767 - Percent of employees who are accident-free

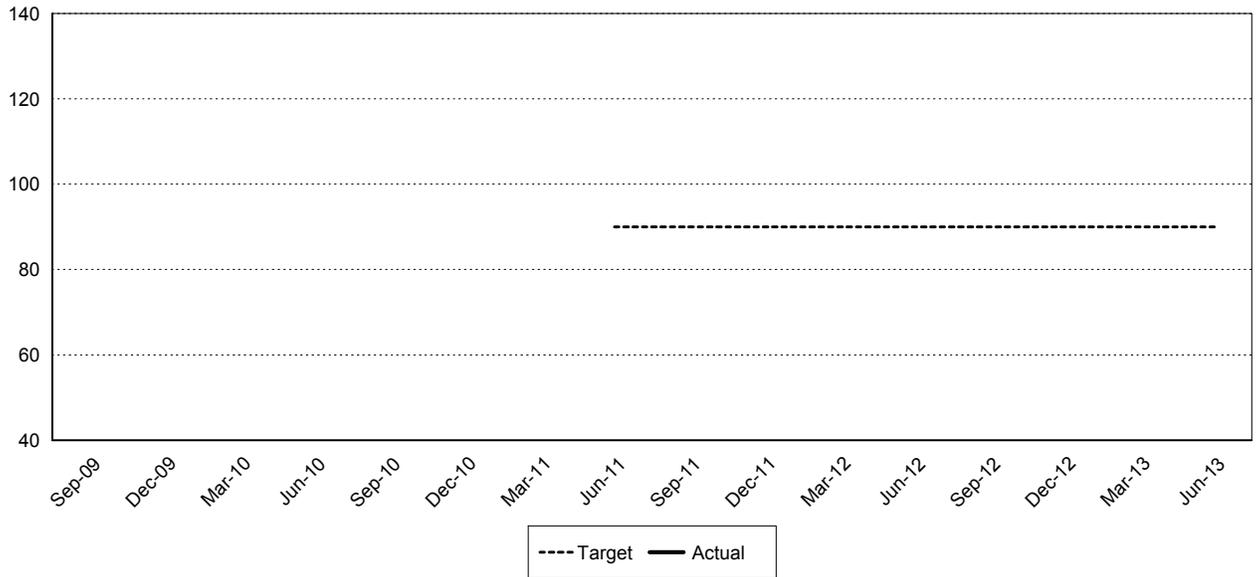


001770 Percent of vacancies filled within 45 days			
Biennium	Period	Actual	Target
2011-13	Q8		90%
	Q7		
	Q6		
	Q5		
	Q4		90%
	Q3		
	Q2		
	Q1		
2009-11	Q8		90%
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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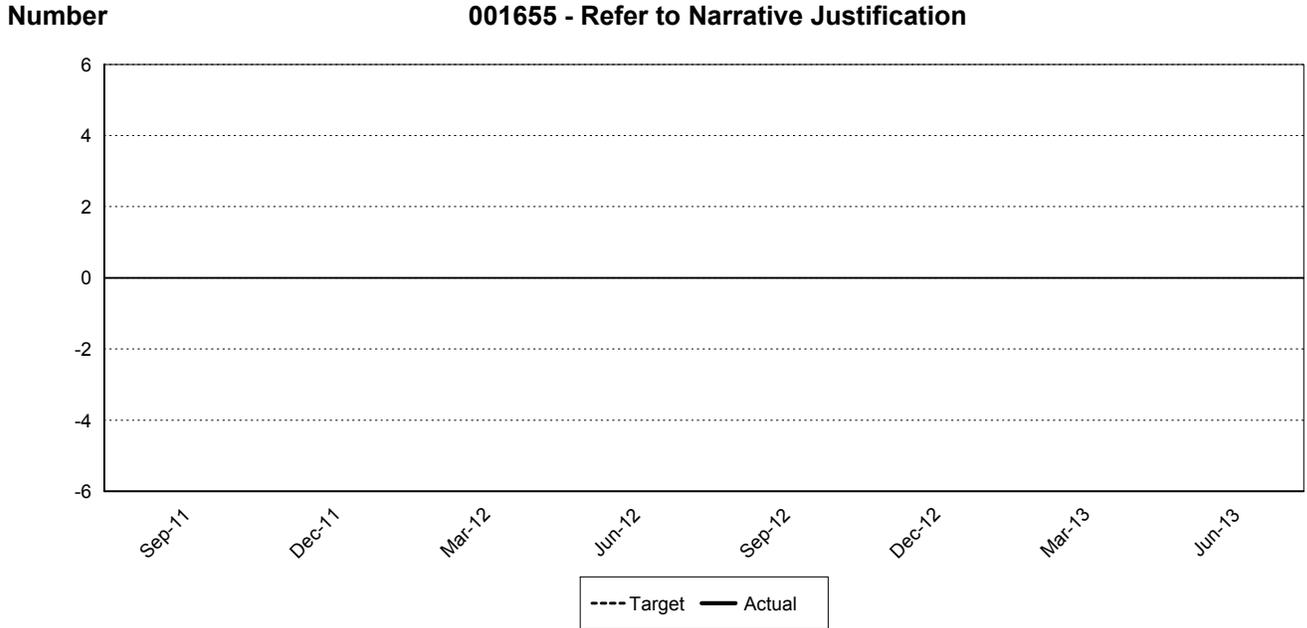
Percent

001770 - Percent of vacancies filled within 45 days



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	18.0	18.0	18.0
<b>001 General Fund</b>			
001-1 State	\$1,882,000	\$1,865,000	\$3,747,000
001-7 Private/Local	\$65,000	\$65,000	\$130,000
<b>001 Account Total</b>	<b>\$1,947,000</b>	<b>\$1,930,000</b>	<b>\$3,877,000</b>
<b>027 Reclamation Revolving Account</b>			
027-1 State	\$75,000	\$75,000	\$150,000

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

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

**Expected Results**

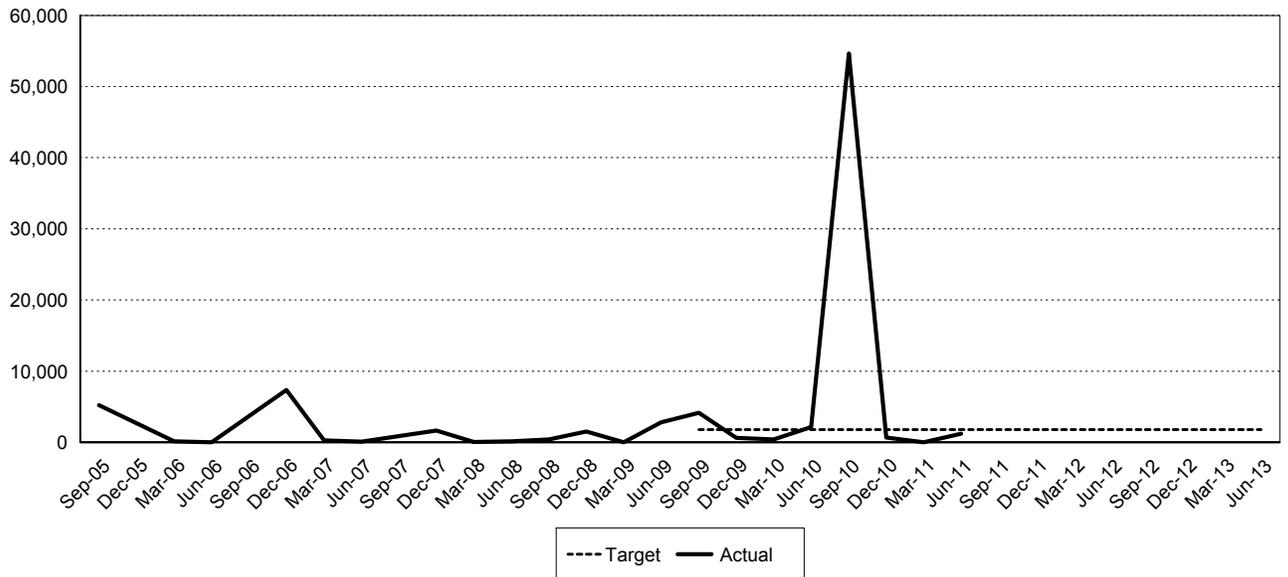
Water availability is determined and water is sustained for current and future needs. Increased setting and enhancement of instream flows in critical water basins to benefit people, fish, farming and the environment. Four instream flows are set (Walla Walla, Wenatchee, Lewis, Salmon-Washougal) working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

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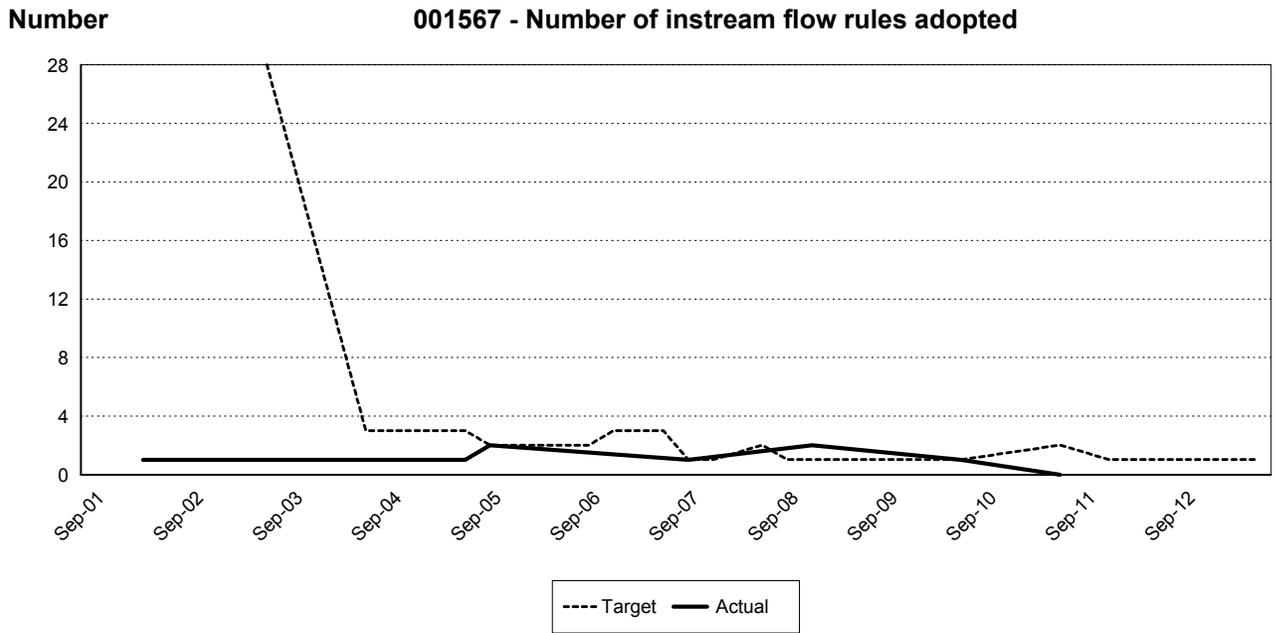
<b>001571 Acre-feet of additional water availability in Eastern Washington (Columbia Basin)</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		1,800
	Q7		1,800
	Q6		1,800
	Q5		1,800
	Q4		1,800
	Q3		1,800
	Q2		1,800
	Q1		1,800
2009-11	Q8	1,198.73	1,800
	Q7	0	1,800
	Q6	682.46	1,800
	Q5	54,629.63	1,800
	Q4	2,157.95	1,800
	Q3	387.3	1,800
	Q2	617.9	1,800
	Q1	4,144.56	1,800
2007-09	Q8	2,816.81	
	Q7	5.37	
	Q6	1,530	
	Q5	415	
	Q4	114.28	
	Q3	51	
	Q2	1,650	
	Q1		

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**Number 001571 - Acre-feet of water availability in Eastern Washington**



001567 Number of instream flow rules adopted			
Biennium	Period	Actual	Target
2011-13	Q8		1
	Q7		
	Q6		
	Q5		1
	Q4		
	Q3		
	Q2		1
	Q1		
2009-11	Q8	0	2
	Q7		
	Q6		
	Q5		
	Q4	1	1
	Q3		
	Q2		
	Q1		
2007-09	Q8		
	Q7		
	Q6	2	1
	Q5		1
	Q4		2
	Q3		
	Q2		1
	Q1	1	1

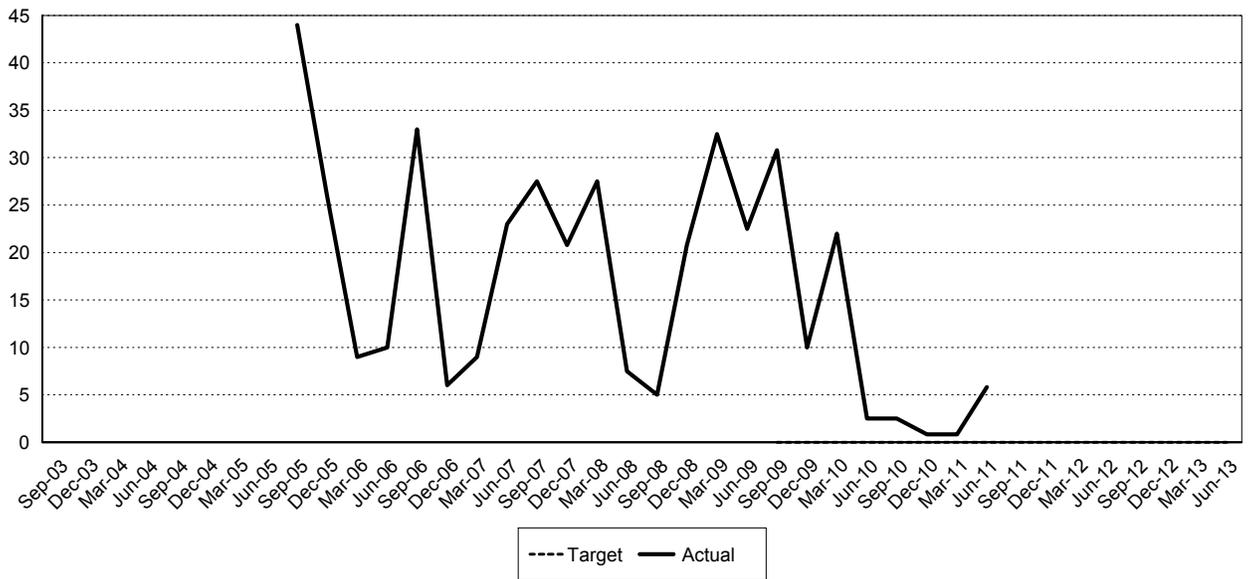


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<b>001155 Percent of monitored stream flows below critical flow levels.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		0%
	Q7		0%
	Q6		0%
	Q5		0%
	Q4		0%
	Q3		0%
	Q2		0%
	Q1		0%
2009-11	Q8	5.83%	0%
	Q7	0.83%	0%
	Q6	0.83%	0%
	Q5	2.5%	0%
	Q4	2.5%	0%
	Q3	22%	0%
	Q2	10%	0%
	Q1	30.8%	0%
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%	

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

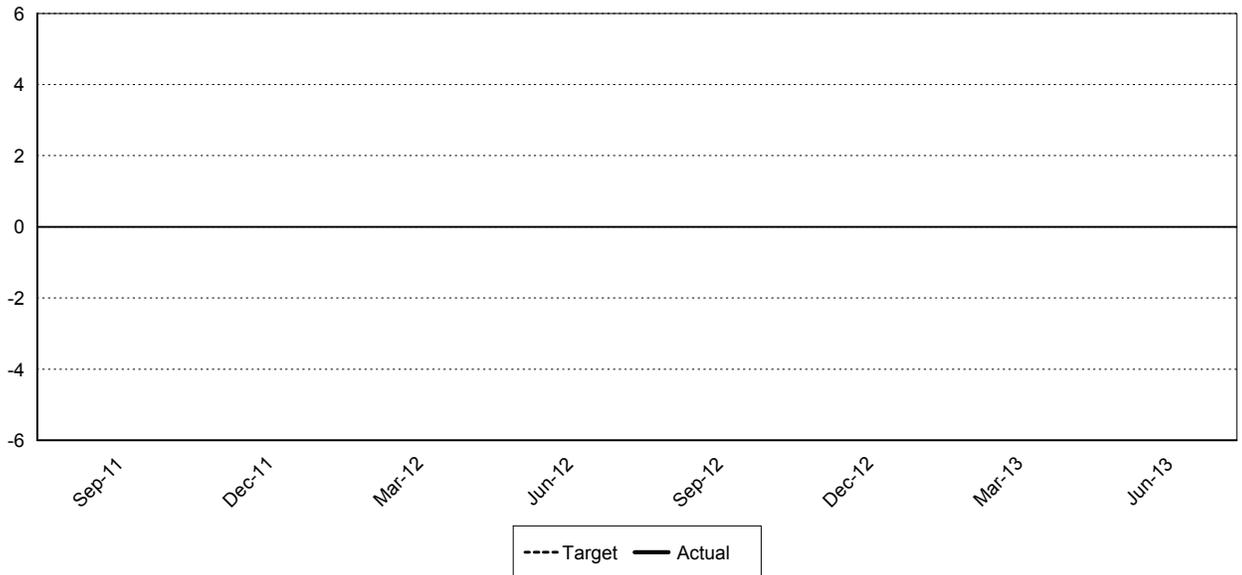


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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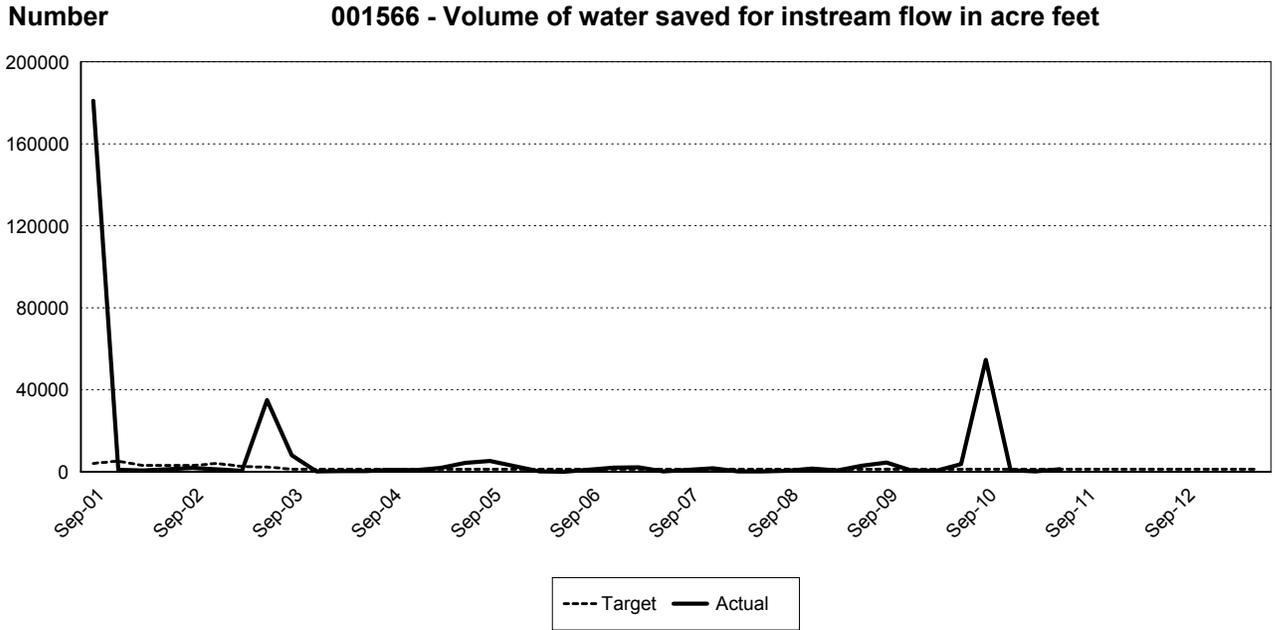
Number

001655 - Refer to Narrative Justification



**001566 Volume of water saved for instream flow in acre feet**

Biennium	Period	Actual	Target
2011-13	Q8		1,250
	Q7		1,250
	Q6		1,250
	Q5		1,250
	Q4		1,250
	Q3		1,250
	Q2		1,250
	Q1		1,250
2009-11	Q8	1,198.73	1,250
	Q7	103.83	1,250
	Q6	707.46	1,250
	Q5	54,629.63	1,250
	Q4	3,697.95	1,250
	Q3	387.3	1,250
	Q2	617.95	1,250
	Q1	4,403.65	1,250
2007-09	Q8	2,816.81	1,250
	Q7	605.37	1,250
	Q6	1,530	1,250
	Q5	415	1,250
	Q4	114.28	1,250
	Q3	51	1,250
	Q2	1,651	1,250
	Q1		1,250



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

Ecology protects public health and natural resources by cleaning up and managing contaminated upland sites and contaminated sediments in the aquatic environment. 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 waterbody or the environmental health of sediments, 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, or surface water. Ecology also manages multi-agency upland and sediment cleanup projects. Cleaning up these sites protects public health, safeguards the environment, and promotes local economic development by making land available for new industries and other beneficial uses.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	122.5	122.5	122.5
<b>001 General Fund</b>			
001-2 Federal	\$2,523,000	\$2,540,000	\$5,063,000
001-7 Private/Local	\$1,501,000	\$1,501,000	\$3,002,000
<b>001 Account Total</b>	<b>\$4,024,000</b>	<b>\$4,041,000</b>	<b>\$8,065,000</b>
<b>174 Local Toxics Control Account</b>			
174-1 State	\$621,000	\$630,000	\$1,251,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$14,353,000	\$14,631,000	\$28,984,000
173-7 Private/Local	\$158,000	\$155,000	\$313,000
<b>173 Account Total</b>	<b>\$14,511,000</b>	<b>\$14,786,000</b>	<b>\$29,297,000</b>
<b>176 Water Quality Permit Account</b>			
176-1 State	\$576,000	\$587,000	\$1,163,000

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

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

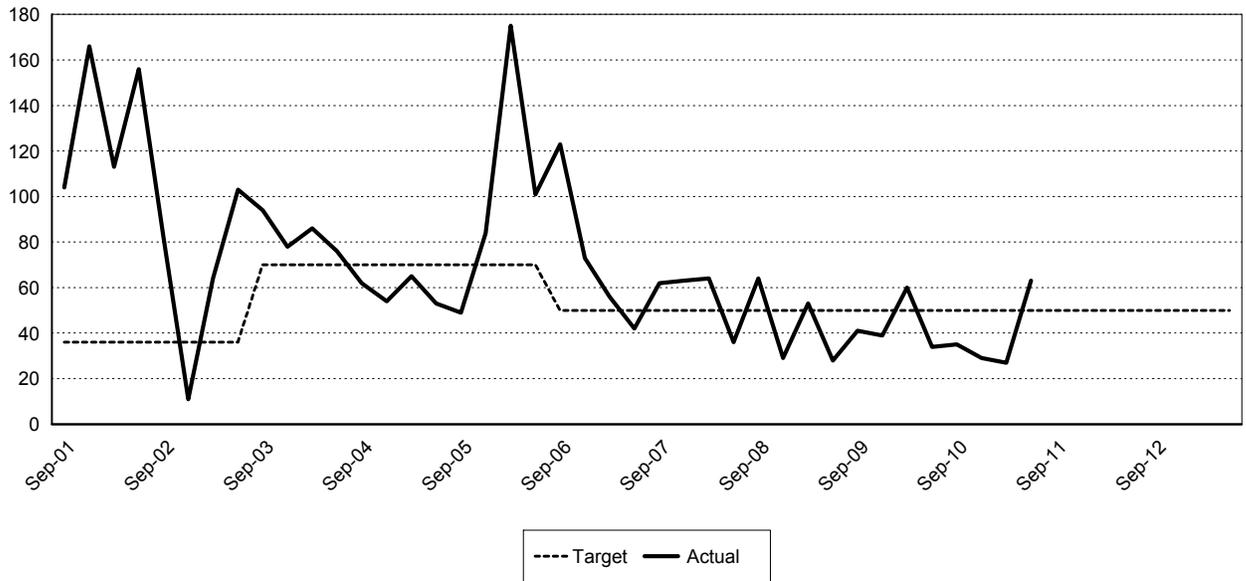
**Expected Results**

The number of highly contaminated sites cleaned up increases by three percent each year. Public and environmental health is protected. Toxic contamination in food fish is reduced and the aquatic environment is protected. Cleaned sites are ready for redevelopment and job creation. The number of sites with cleanup actions in progress will increase.

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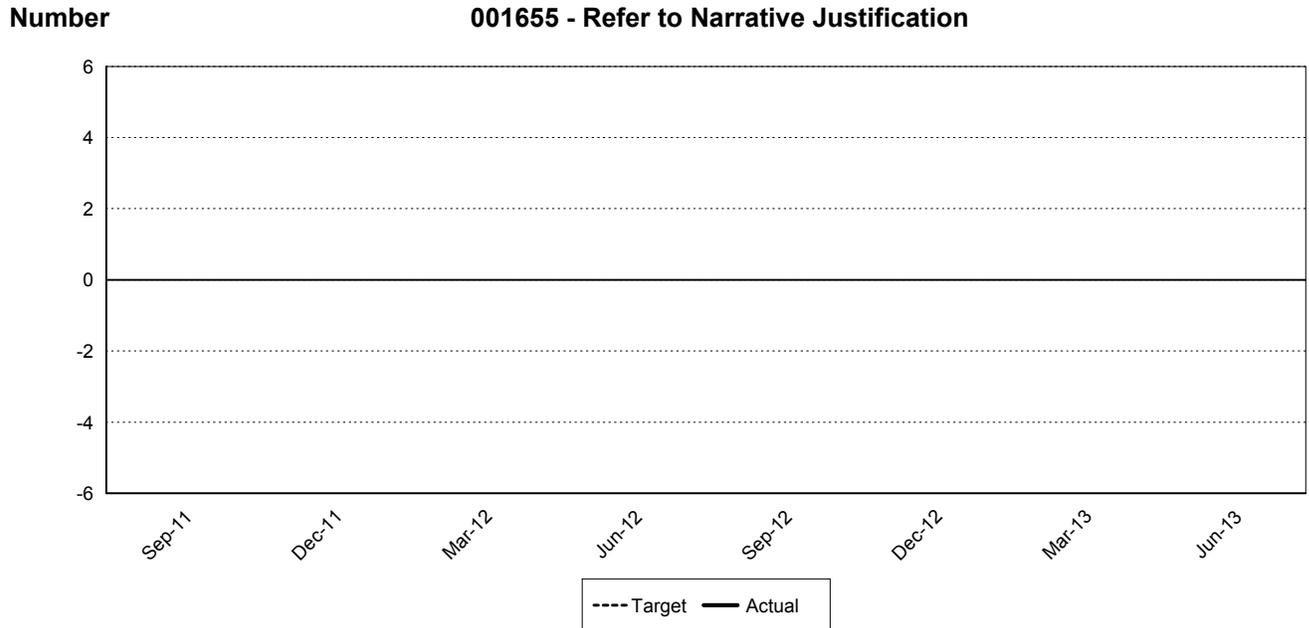
<b>001501 Number of known toxics-contaminated sites with cleanup actions completed.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		50
	Q7		50
	Q6		50
	Q5		50
	Q4		50
	Q3		50
	Q2		50
	Q1		50
2009-11	Q8	63	50
	Q7	27	50
	Q6	29	50
	Q5	35	50
	Q4	34	50
	Q3	60	50
	Q2	39	50
	Q1	41	50
2007-09	Q8	28	50
	Q7	53	50
	Q6	29	50
	Q5	64	50
	Q4	36	50
	Q3	64	50
	Q2	63	50
	Q1	62	50

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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. Ecology 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 2012	FY 2013	Biennial Total
<b>FTE</b>	34.8	33.8	34.3
<b>001 General Fund</b>			
001-1 State	\$508,000	\$574,000	\$1,082,000
001-2 Federal	\$1,794,000	\$1,566,000	\$3,360,000
<b>001 Account Total</b>	<b>\$2,302,000</b>	<b>\$2,140,000</b>	<b>\$4,442,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,369,000	\$1,543,000	\$2,912,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$222,000	\$187,000	\$409,000

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

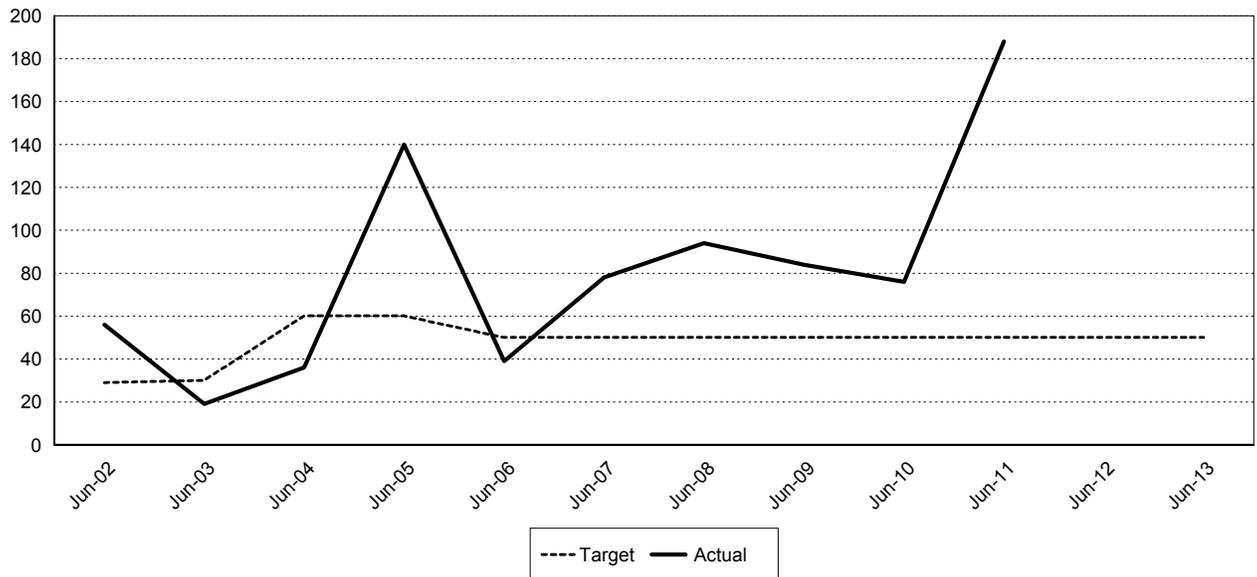
**Expected Results**

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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.

<b>001553 Number of water quality cleanup plans submitted to the US Environmental Protection Agency</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	A3		50
	A2		50
2009-11	A3	188	50
	A2	76	50
2007-09	A3	84	50
	A2	94	50

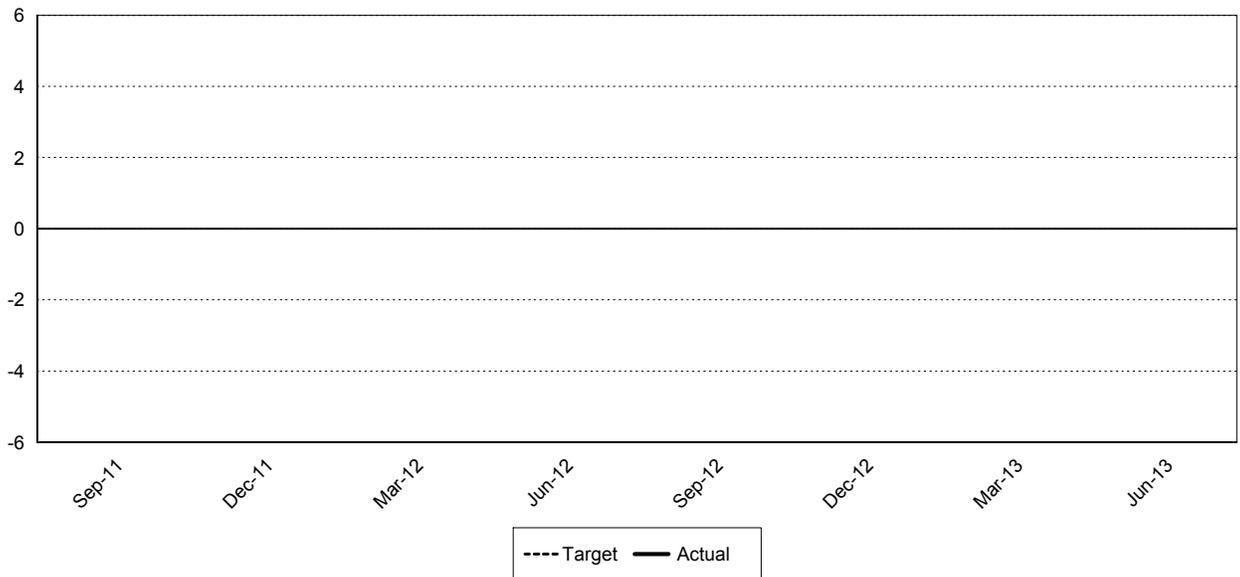
**Number 001553 - Number of water quality improvement reports submitted to the US Environmental Protection Agency**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



**A007 Conduct Environmental Studies for Pollution Source Identification and Control**

Ecology conducts pollution studies to address known or suspected problems at specific sites and across regional areas. These studies support agency efforts under the federal Clean Water Act, as well as the state Water Pollution Control and Model Toxics Control Acts. Studies range from simple water quality sampling for bacteria or dissolved oxygen, to very complex projects measuring toxic contaminants in fish tissues or pesticides in groundwater. Many projects are water cleanup studies, which calculate the total maximum daily load (TMDL) of a pollutant a water body can absorb without causing violations of water quality standards. Under a memorandum of agreement with the Environmental Protection Agency (EPA), Ecology must 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.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	49.9	49.9	49.9
<b>001 General Fund</b>			
001-1 State	\$1,152,000	\$1,134,000	\$2,286,000
001-2 Federal	\$1,874,000	\$1,872,000	\$3,746,000
<b>001 Account Total</b>	<b>\$3,026,000</b>	<b>\$3,006,000</b>	<b>\$6,032,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,093,000	\$1,095,000	\$2,188,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$2,276,000	\$2,277,000	\$4,553,000

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

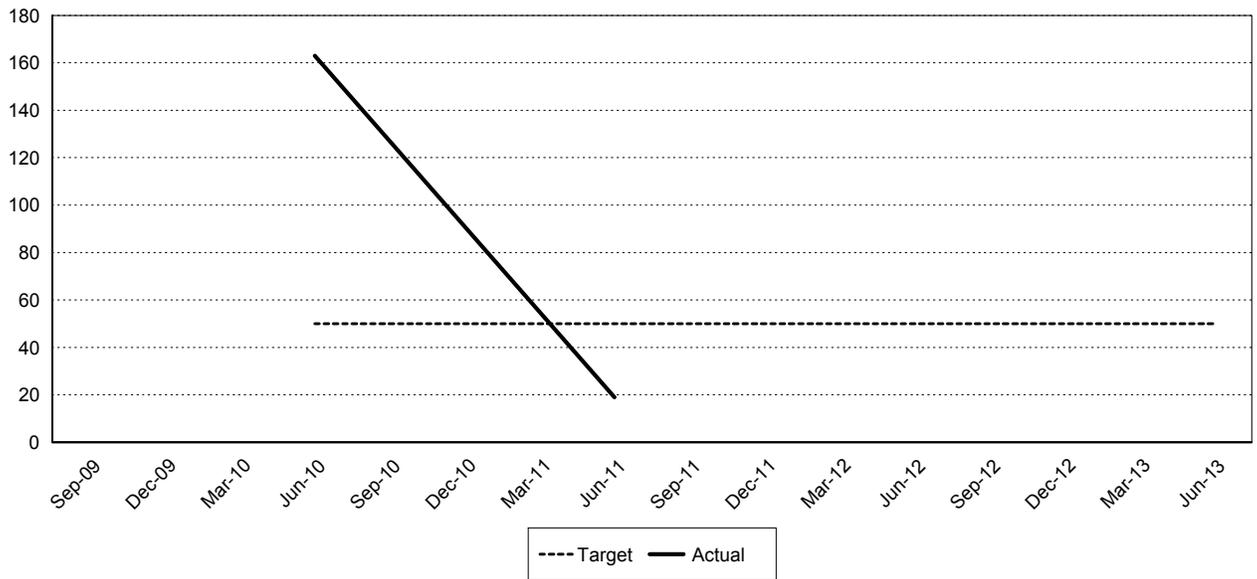
**Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making**

**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.

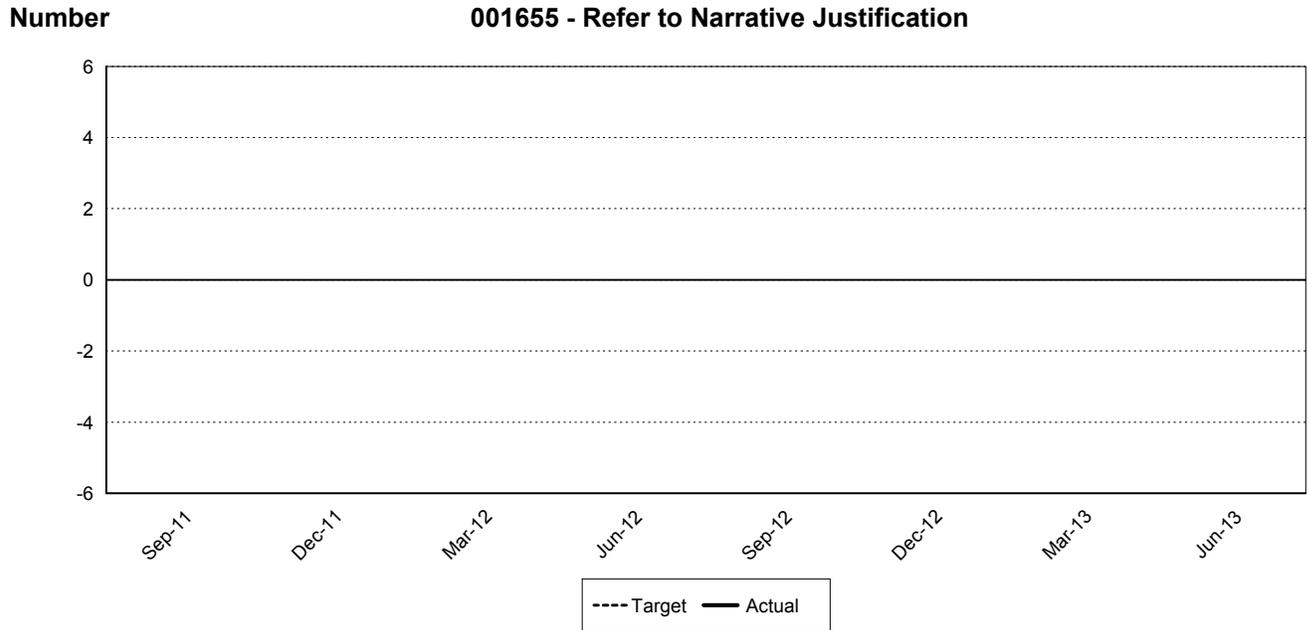
<b>001165 Number of polluted waters assessed to identify pollution sources or cleanup success.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		50
	Q7		
	Q6		
	Q5		
	Q4		50
	Q3		
	Q2		
	Q1		
2009-11	Q8	19	50
	Q7		
	Q6		
	Q5		
	Q4	163	50
	Q3		
	Q2		
	Q1		

**Number 001165 - Number of polluted waters assessed to identify pollution sources or cleanup success**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**A008 Control Stormwater Pollution**

Ecology 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. Ecology works with local governments and other stakeholders to implement a municipal stormwater program and permitting system.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	53.3	52.3	52.8
<b>001 General Fund</b>			
001-1 State	\$129,000	\$129,000	\$258,000
001-2 Federal	\$45,000	\$38,000	\$83,000
001-7 Private/Local	\$22,000	\$0	\$22,000
<b>001 Account Total</b>	<b>\$196,000</b>	<b>\$167,000</b>	<b>\$363,000</b>
<b>258 Metals Mining Account</b>			
258-1 State	\$7,000	\$7,000	\$14,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$2,174,000	\$2,166,000	\$4,340,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$4,361,000	\$3,964,000	\$8,325,000

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

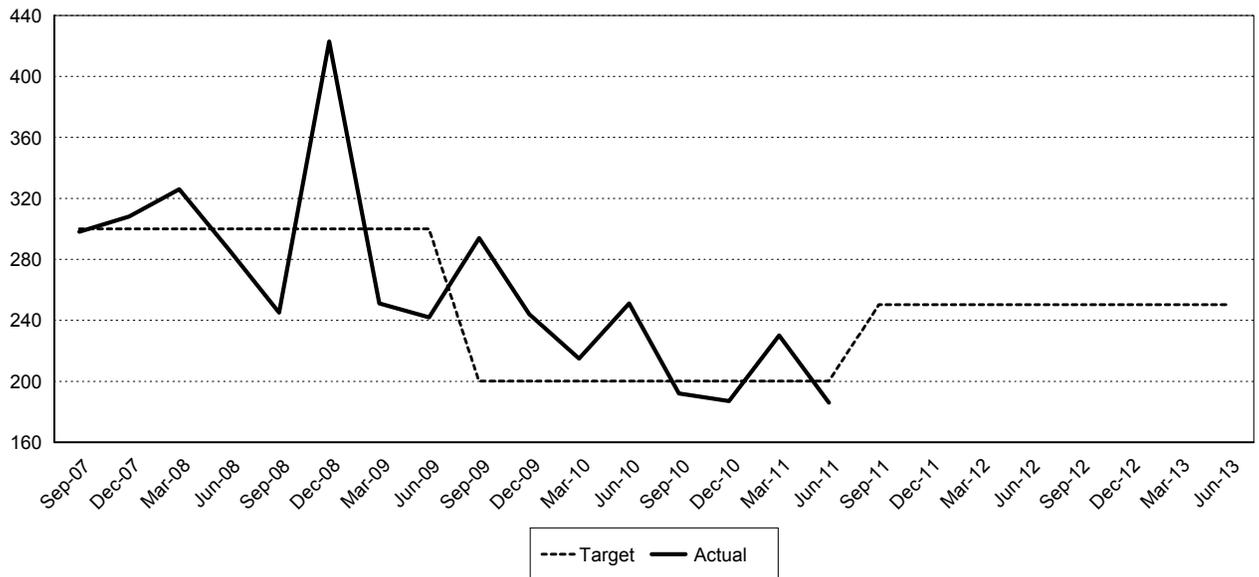
**Expected Results**

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

<b>001557 Number of construction stormwater inspections</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		250
	Q7		250
	Q6		250
	Q5		250
	Q4		250
	Q3		250
	Q2		250
	Q1		250
2009-11	Q8	186	200
	Q7	230	200
	Q6	187	200
	Q5	192	200
	Q4	251	200
	Q3	215	200
	Q2	244	200
	Q1	294	200
2007-09	Q8	242	300
	Q7	251	300
	Q6	423	300
	Q5	245	300
	Q4	286	300
	Q3	326	300
	Q2	308	300
	Q1	298	300

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**Number 001557 - Construction stormwater inspections**

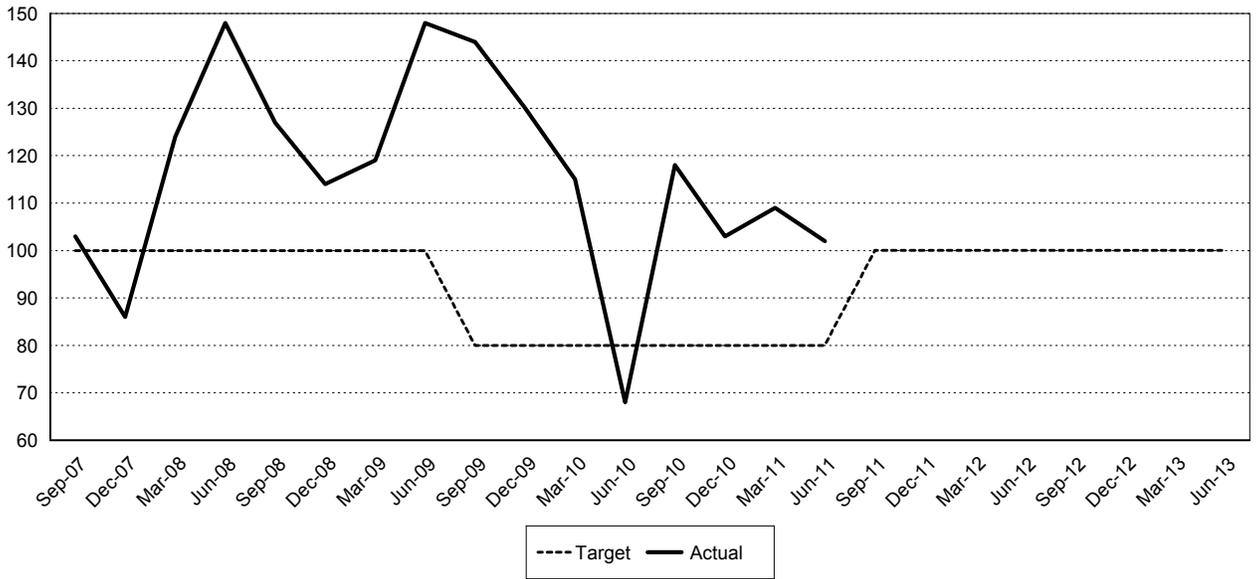


001556 Number of industrial stormwater inspections			
Biennium	Period	Actual	Target
2011-13	Q8		100
	Q7		100
	Q6		100
	Q5		100
	Q4		100
	Q3		100
	Q2		100
	Q1		100
2009-11	Q8	102	80
	Q7	109	80
	Q6	103	80
	Q5	118	80
	Q4	68	80
	Q3	115	80
	Q2	130	80
	Q1	144	80
2007-09	Q8	148	100
	Q7	119	100
	Q6	114	100
	Q5	127	100
	Q4	148	100
	Q3	124	100
	Q2	86	100
	Q1	103	100

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Number

001556 - Industrial stormwater inspections

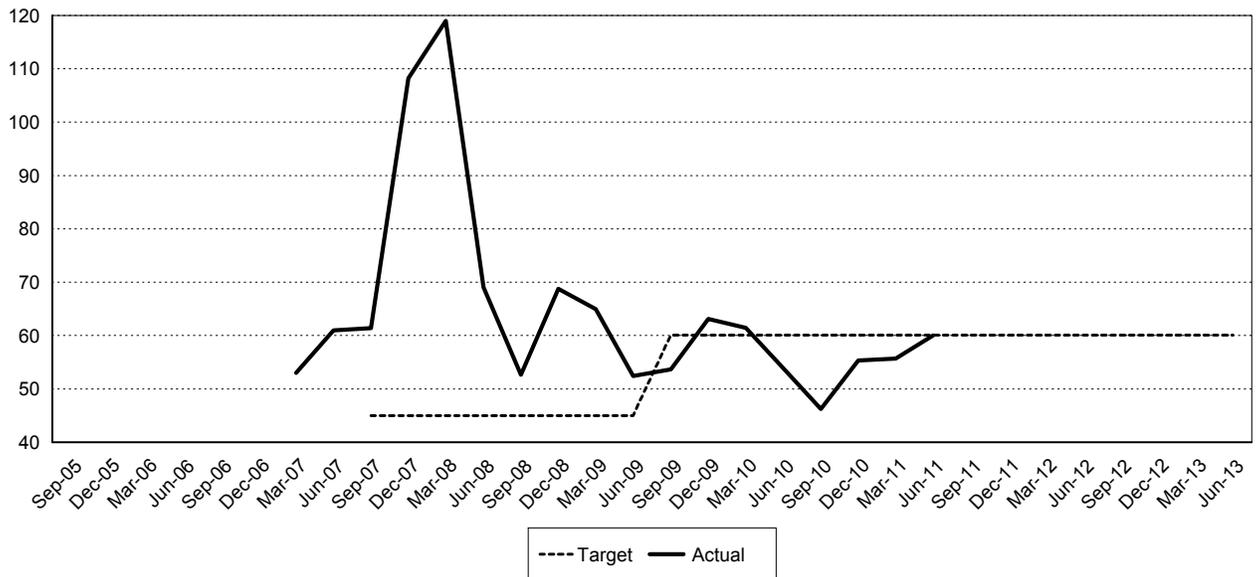


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<b>001554 The mean number of days it takes to make final decisions on construction stormwater permits.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		60
	Q7		60
	Q6		60
	Q5		60
	Q4		60
	Q3		60
	Q2		60
	Q1		60
2009-11	Q8	60	60
	Q7	55.67	60
	Q6	55.3	60
	Q5	46.23	60
	Q4	53.93	60
	Q3	61.44	60
	Q2	63.1	60
	Q1	53.67	60
2007-09	Q8	52.41	45
	Q7	64.98	45
	Q6	68.75	45
	Q5	52.65	45
	Q4	69.03	45
	Q3	119	45
	Q2	108.23	45
	Q1	61.38	45

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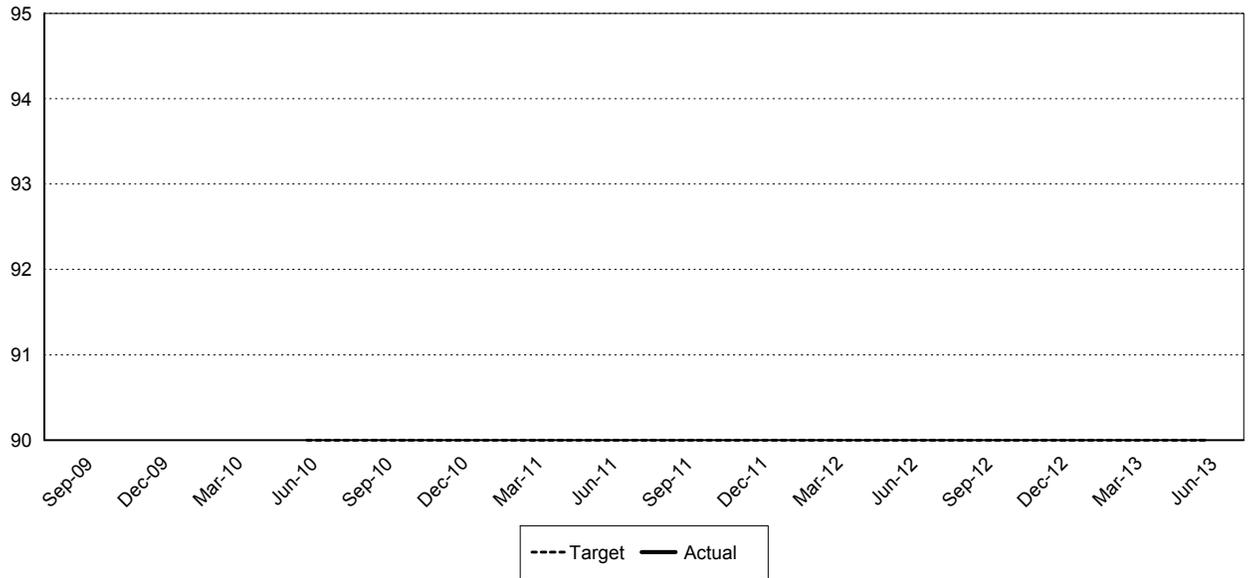
**Number 001554 - Number of days to make construction stormwater permit decisions**



<b>001555 Percent of City and County Phase II Municipal Stormwater Permittees in substantial compliance with their permit.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		90%
	Q7		
	Q6		
	Q5		
	Q4		90%
	Q3		
	Q2		
	Q1		
2009-11	Q8		90%
	Q7		
	Q6		
	Q5		
	Q4	95%	90%
	Q3		
	Q2		
	Q1		

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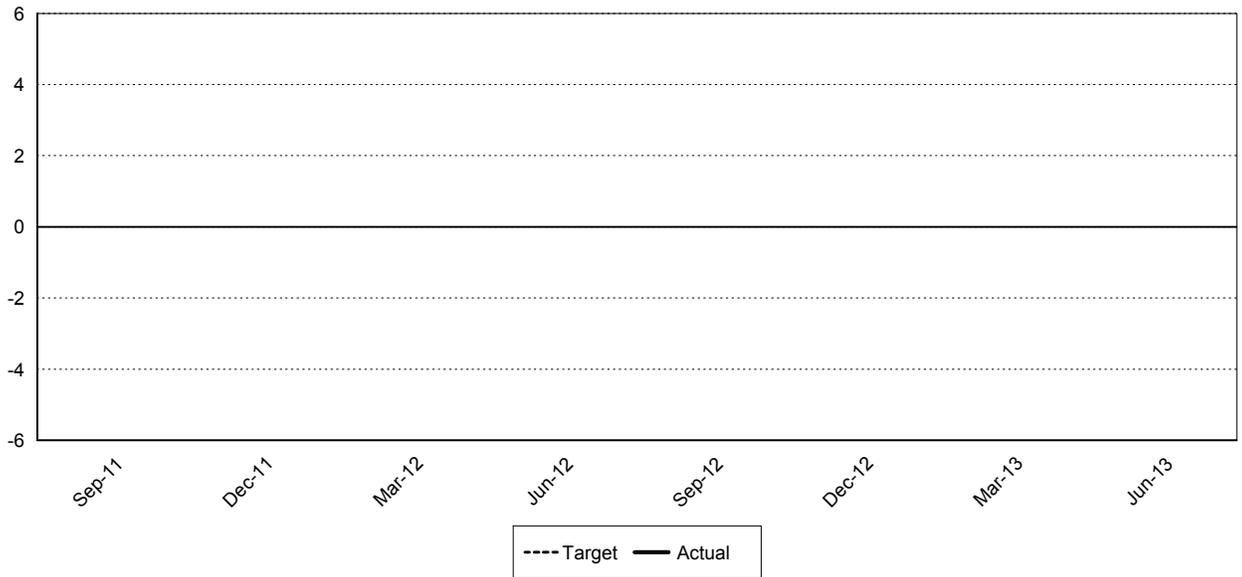
**Percent 001555 - Percent of Phase II Municipal Stormwater Permittees in substantial compliance with their permit**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



**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.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	24.4	24.4	24.4
<b>199 Biosolids Permit Account</b>			
199-1 State	\$763,000	\$774,000	\$1,537,000
<b>001 General Fund</b>			
001-1 State	\$25,000	\$26,000	\$51,000
<b>174 Local Toxics Control Account</b>			
174-1 State	\$450,000	\$447,000	\$897,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$255,000	\$249,000	\$504,000
<b>044 Waste Reduction/Recycling/Litter Control</b>			
044-1 State	\$878,000	\$1,019,000	\$1,897,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

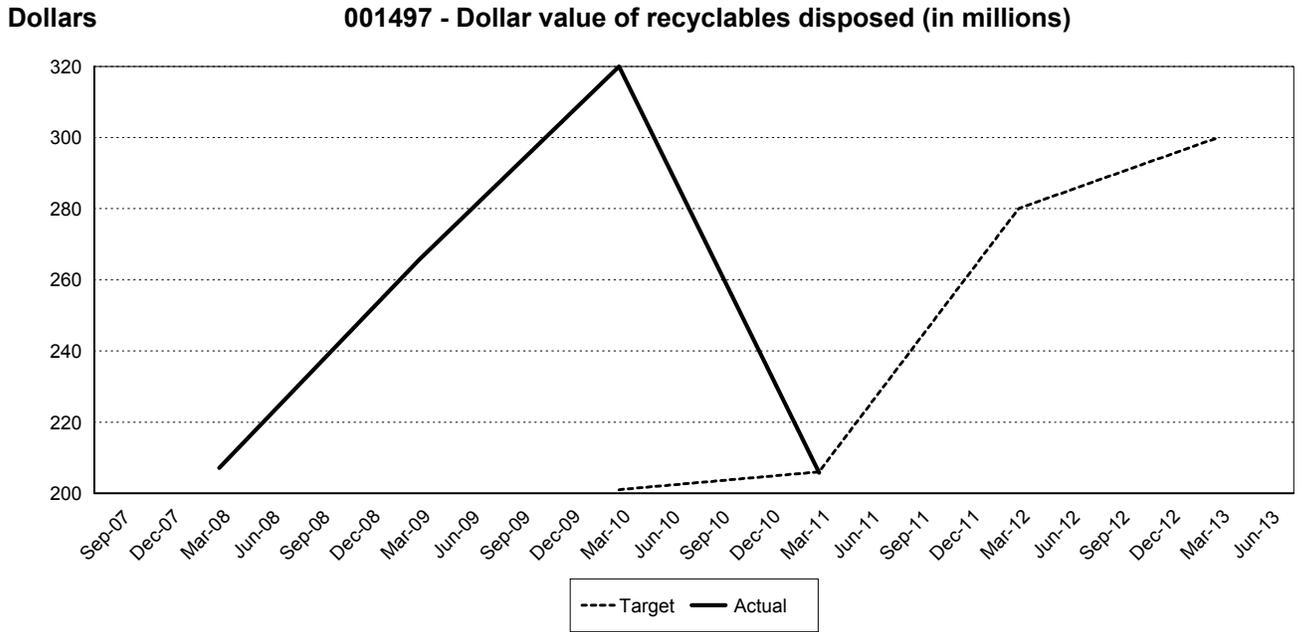
Solid waste generation per capita decrease, saving businesses and people money and saving resources for future generations.

- \* 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.

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<b>001497 Dollar value of recyclables disposed (in millions). Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		\$300
	Q6		
	Q5		
	Q4		
	Q3		\$280
	Q2		
	Q1		
2009-11	Q8		
	Q7	\$205.8	\$206
	Q6		
	Q5		
	Q4		
	Q3	\$320	\$201
	Q2		
	Q1		
2007-09	Q8		
	Q7	\$265.7	
	Q6		
	Q5		
	Q4		
	Q3	\$207.1	
	Q2		
	Q1		

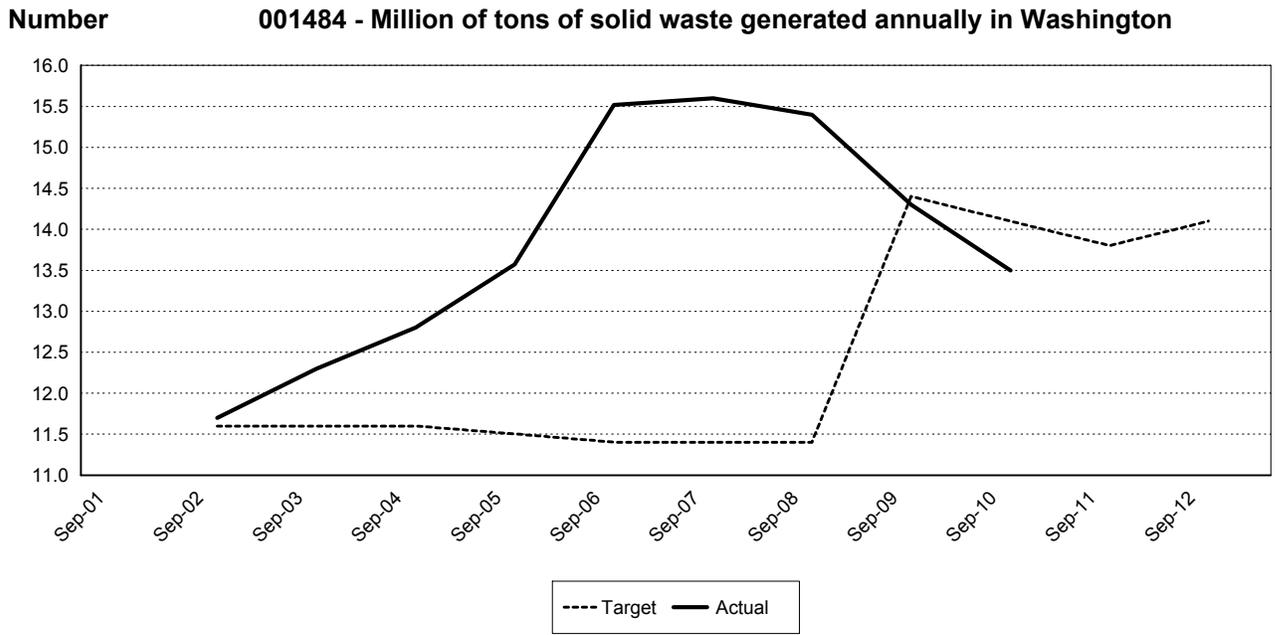
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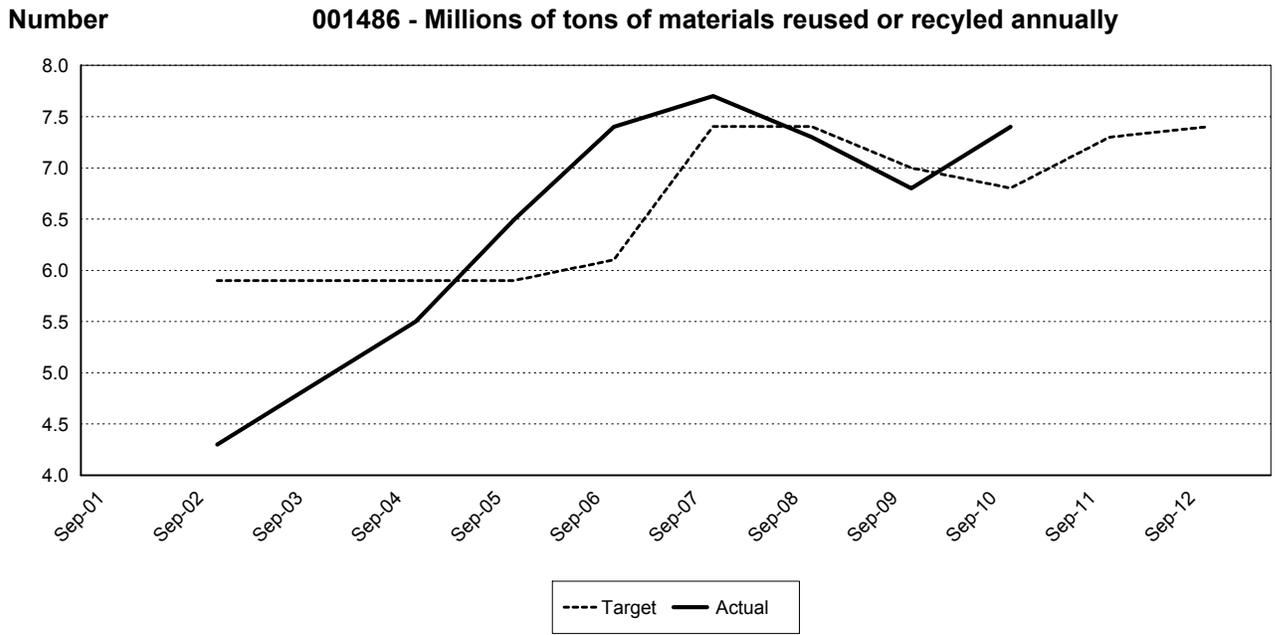
<b>001484 Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		14.1
	Q5		
	Q4		
	Q3		
	Q2		13.8
	Q1		
2009-11	Q8		
	Q7		
	Q6	13.5	14.1
	Q5		
	Q4		
	Q3		
	Q2	14.3	14.4
	Q1		
2007-09	Q8		
	Q7		
	Q6	15.4	11.4
	Q5		
	Q4		
	Q3		
	Q2	15.6	11.4
	Q1		

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<b>001486 Millions of tons of materials reused or recycled annually. Reported annually in Quarters 2 and 6.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		7.4
	Q5		
	Q4		
	Q3		
	Q2		7.3
	Q1		
2009-11	Q8		
	Q7		
	Q6	7.4	6.8
	Q5		
	Q4		
	Q3		
	Q2	6.8	7
	Q1		
2007-09	Q8		
	Q7		
	Q6	7.3	7.4
	Q5		
	Q4		
	Q3		
	Q2	7.7	7.4
	Q1		

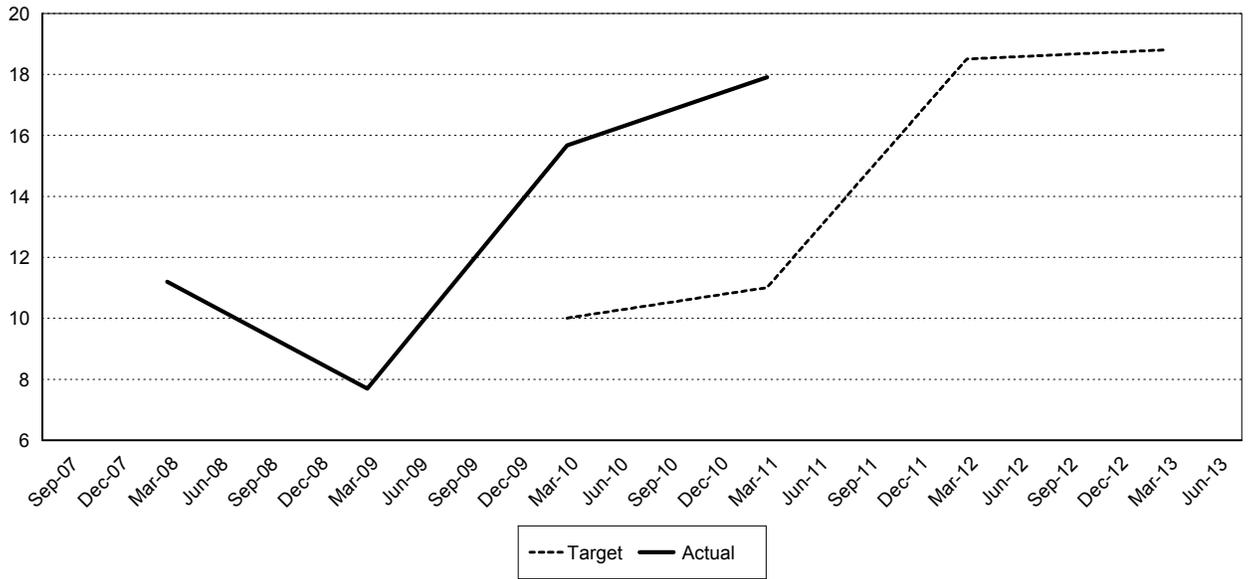


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<b>001498 Percent market share of green building projects in Washington. Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		18.8%
	Q6		
	Q5		
	Q4		
	Q3		18.5%
	Q2		
	Q1		
2009-11	Q8		
	Q7	17.91%	11%
	Q6		
	Q5		
	Q4		
	Q3	15.67%	10%
	Q2		
	Q1		
2007-09	Q8		
	Q7	7.69%	
	Q6		
	Q5		
	Q4		
	Q3	11.2%	
	Q2		
	Q1		

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

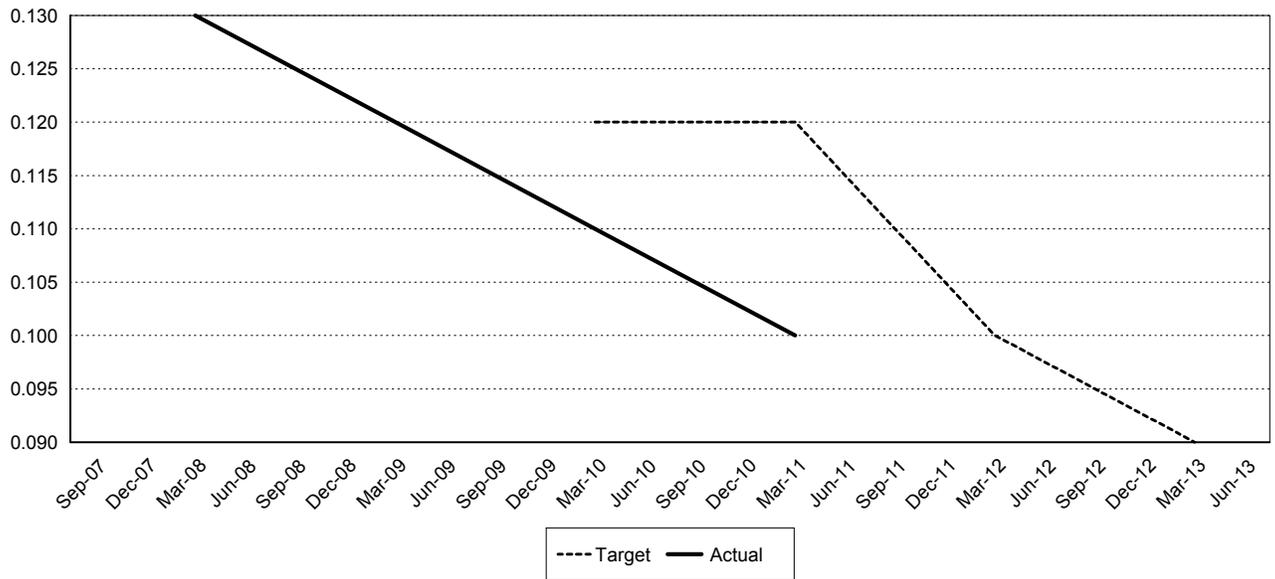


Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001496 Pounds of solid waste generated per dollar (State GDP). Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		0.09
	Q6		
	Q5		
	Q4		
	Q3		0.1
	Q2		
	Q1		
2009-11	Q8		
	Q7	0.1	0.12
	Q6		
	Q5		
	Q4		
	Q3	0.11	0.12
	Q2		
	Q1		
2007-09	Q8		
	Q7	0.12	
	Q6		
	Q5		
	Q4		
	Q3	0.13	
	Q2		
	Q1		

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

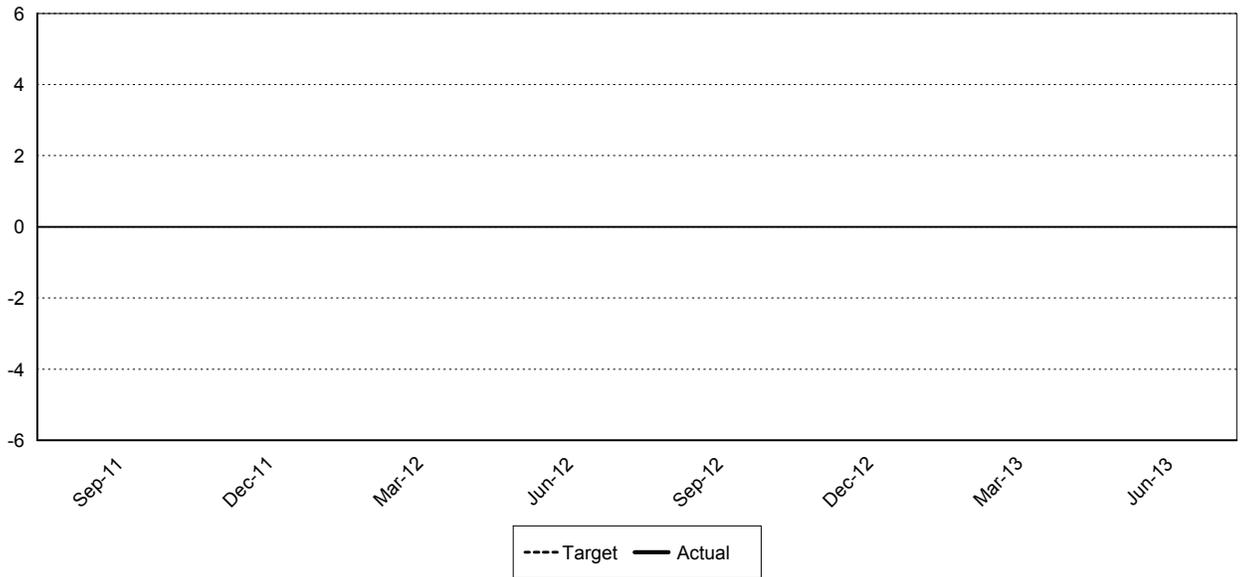


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Number

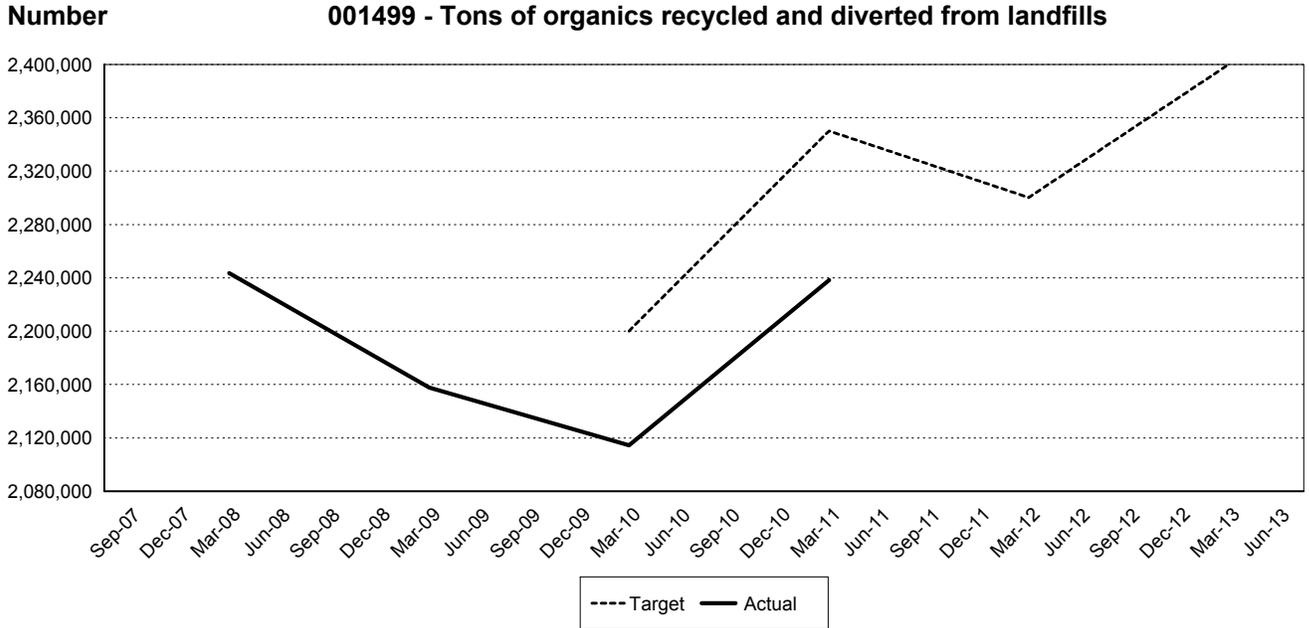
001655 - Refer to Narrative Justification



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<b>001499 Tons of organics recycled and diverted from landfills. Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		2,400,000
	Q6		
	Q5		
	Q4		
	Q3		2,300,000
	Q2		
	Q1		
2009-11	Q8		
	Q7	2,238,209	2,350,000
	Q6		
	Q5		
	Q4		
	Q3	2,114,425	2,200,000
	Q2		
	Q1		
2007-09	Q8		
	Q7	2,157,729	
	Q6		
	Q5		
	Q4		
	Q3	2,243,424	
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	5.2	5.2	5.2
<b>044 Waste Reduction/Recycling/Litter Control</b>			
044-1 State	\$5,180,000	\$3,555,000	\$8,735,000

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

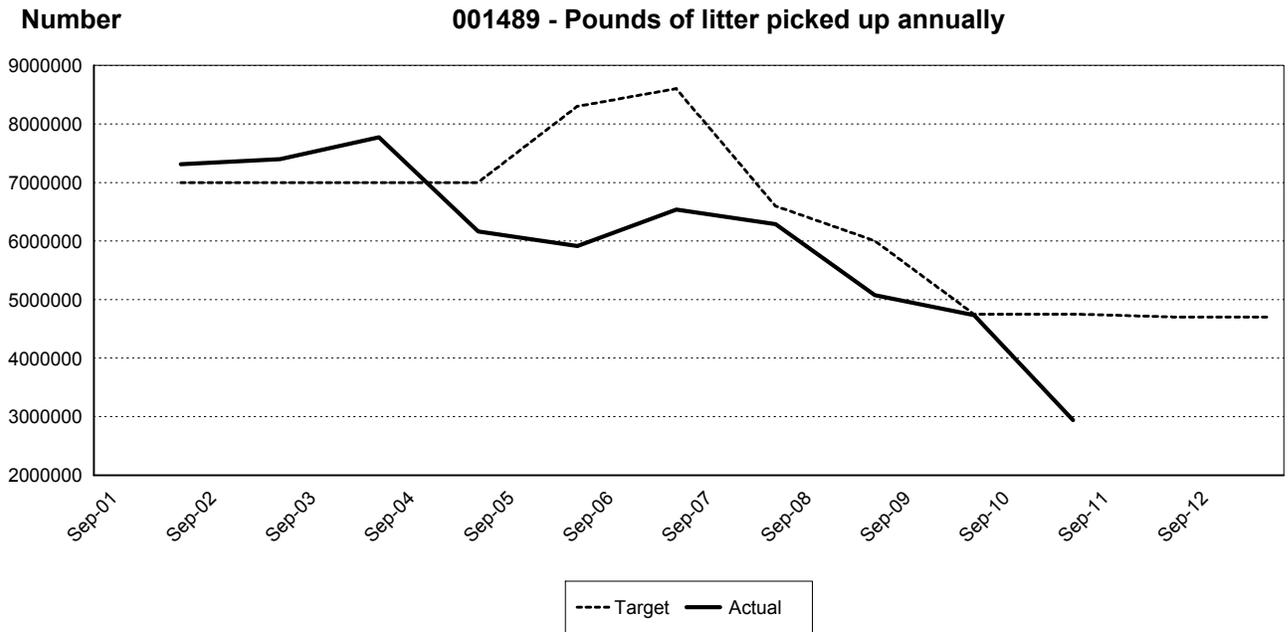
**Expected Results**

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.

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<b>001489 Pounds of litter picked up annually. Reported annually in Quarters 4 and 8</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		4,700,000
	Q7		
	Q6		
	Q5		
	Q4		4,700,000
	Q3		
	Q2		
	Q1		
2009-11	Q8	2,938,000	4,750,000
	Q7		
	Q6		
	Q5		
	Q4	4,734,398	4,750,000
	Q3		
	Q2		
	Q1		
2007-09	Q8	5,075,450	6,000,000
	Q7		
	Q6		
	Q5		
	Q4	6,289,791	6,600,000
	Q3		
	Q2		
	Q1		

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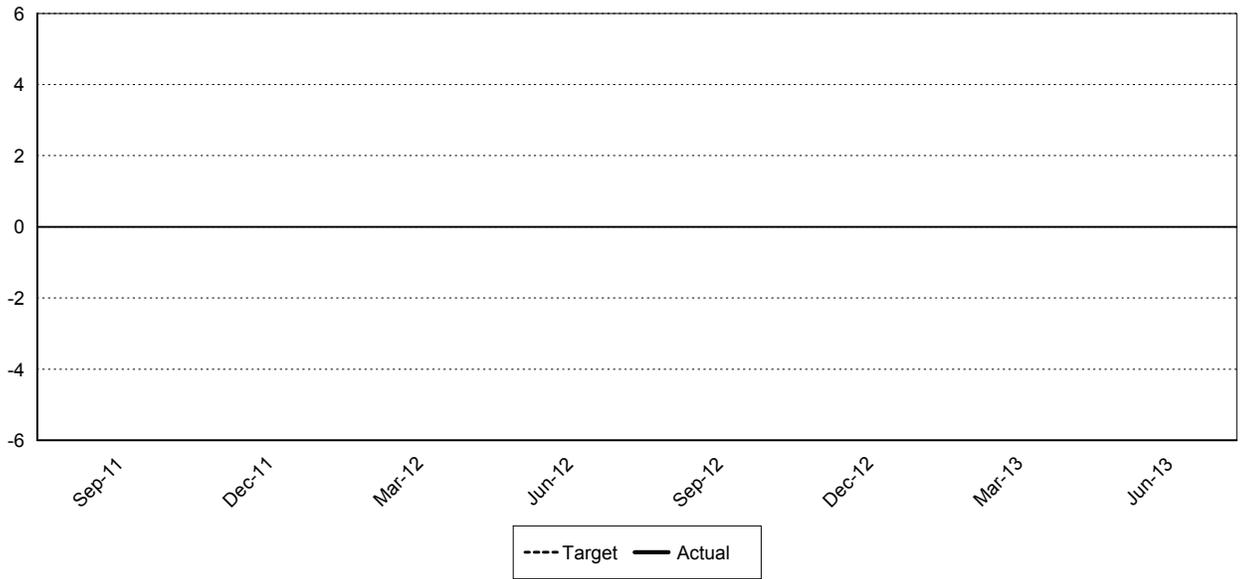


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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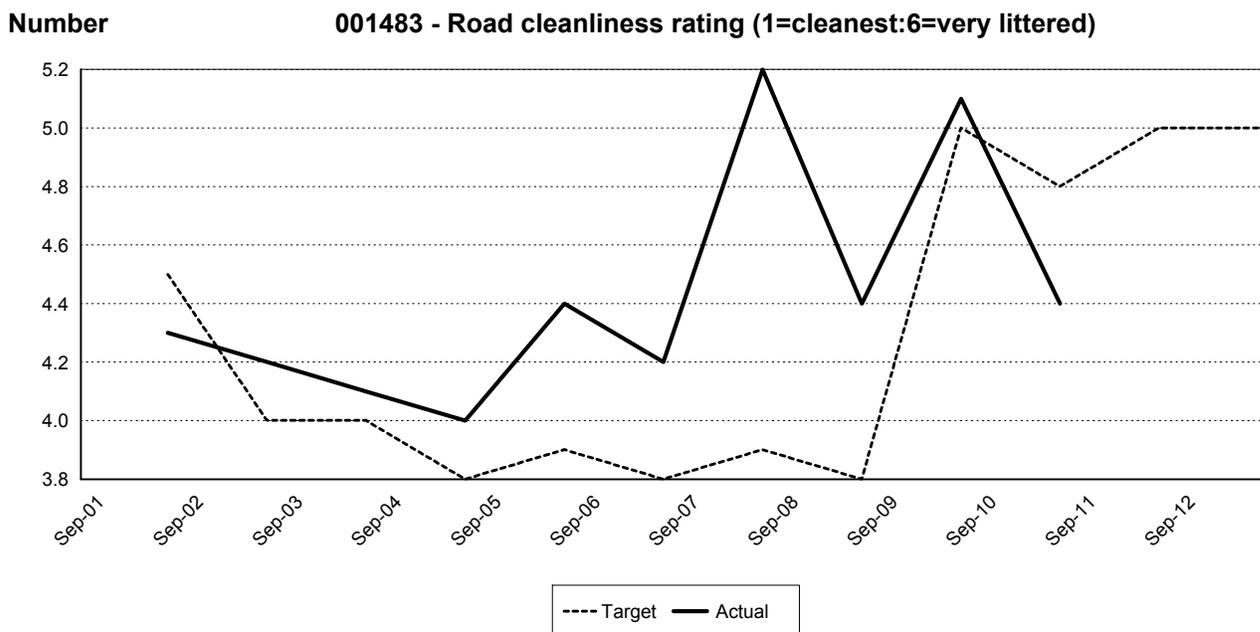
Number

001655 - Refer to Narrative Justification



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<b>001483 Road cleanliness rating (1=cleanest:6=very littered)</b>			
<b>- Reported annually in Quarters 4 and 8.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		5
	Q7		
	Q6		
	Q5		
	Q4		5
	Q3		
	Q2		
	Q1		
2009-11	Q8	4.4	4.8
	Q7		
	Q6		
	Q5		
	Q4	5.1	5
	Q3		
	Q2		
	Q1		
2007-09	Q8	4.4	3.8
	Q7		
	Q6		
	Q5		
	Q4	5.2	3.9
	Q3		
	Q2		
	Q1		



### 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 2012	FY 2013	Biennial Total
<b>FTE</b>	12.3	12.3	12.3
<b>001 General Fund</b>			
001-1 State	\$1,330,000	\$1,319,000	\$2,649,000
001-2 Federal	\$121,000	\$121,000	\$242,000
<b>001 Account Total</b>	<b>\$1,451,000</b>	<b>\$1,440,000</b>	<b>\$2,891,000</b>

**Statewide Result Area: Improve the safety of people and property**  
**Statewide Strategy: Prevent accidents**

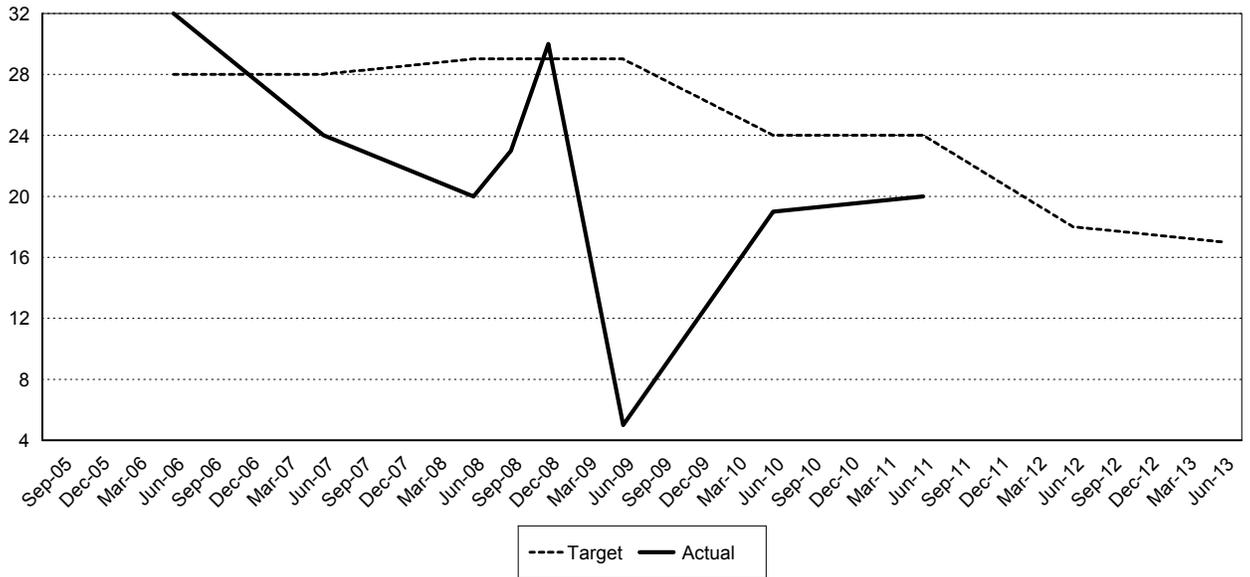
**Expected Results**

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
2011-13	Q8		17
	Q7		
	Q6		
	Q5		
	Q4		18
	Q3		
	Q2		
	Q1		
2009-11	Q8	20	24
	Q7		
	Q6		
	Q5		
	Q4	19	24
	Q3		
	Q2		
	Q1		
2007-09	Q8	5	29
	Q7		
	Q6	30	
	Q5	23	
	Q4	20	29
	Q3		
	Q2		
	Q1		

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**Number** **001570 - Number of high hazard dams inspected**

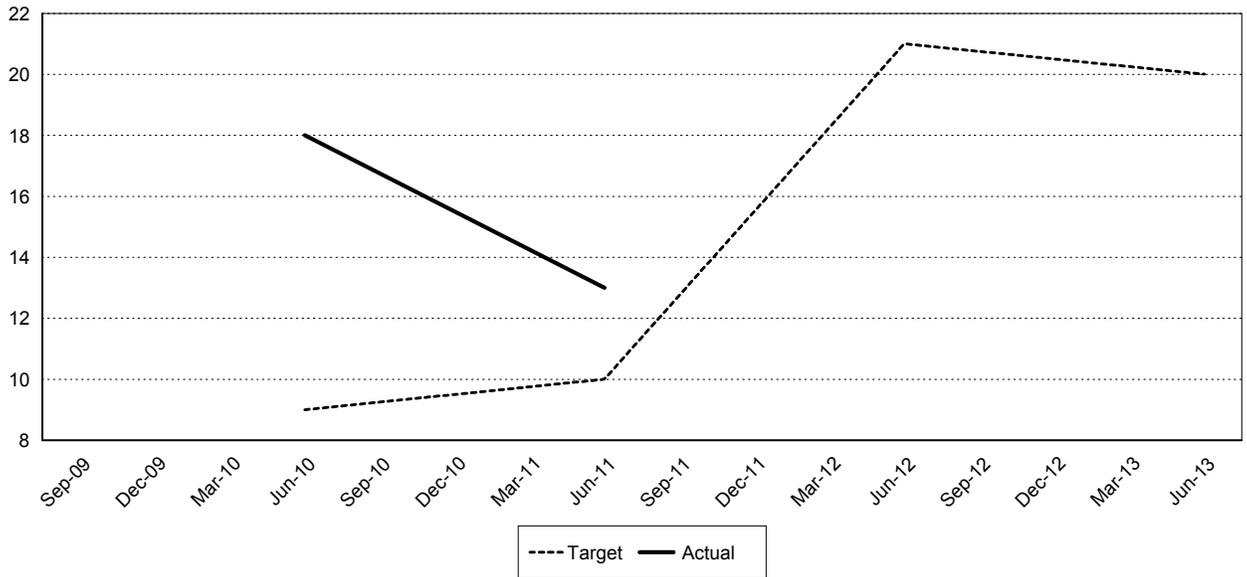


<b>001580 Number of significant hazard dams inspected.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		20
	Q7		
	Q6		
	Q5		
	Q4		21
	Q3		
	Q2		
	Q1		
2009-11	Q8	13	10
	Q7		
	Q6		
	Q5		
	Q4	18	9
	Q3		
	Q2		
	Q1		

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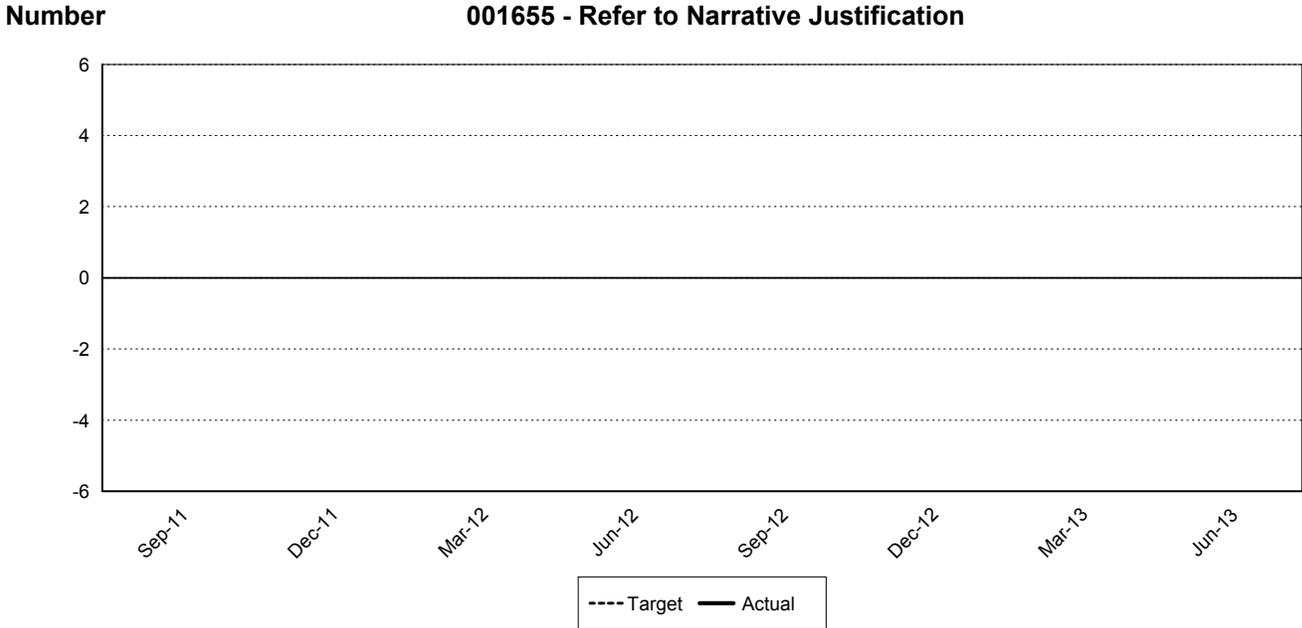
Number

001580 - Number of significant hazard dams inspected



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**A012 Ensure Environmental Laboratories Provide Quality Data**

Ecology accredits environmental laboratories that submit data to the agency. The accreditation program covers analyses in all typical environmental matrices (water, sediment, tissue), including drinking water. Accreditation helps ensure environmental laboratories have the demonstrated capability to provide accurate and defensible data. Ecology’s laboratory accreditation program is the primary source of performance monitoring for the 480 labs in the accreditation program.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	6.0	6.0	6.0
<b>001 General Fund</b>			
001-1 State	\$684,000	\$673,000	\$1,357,000

**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**

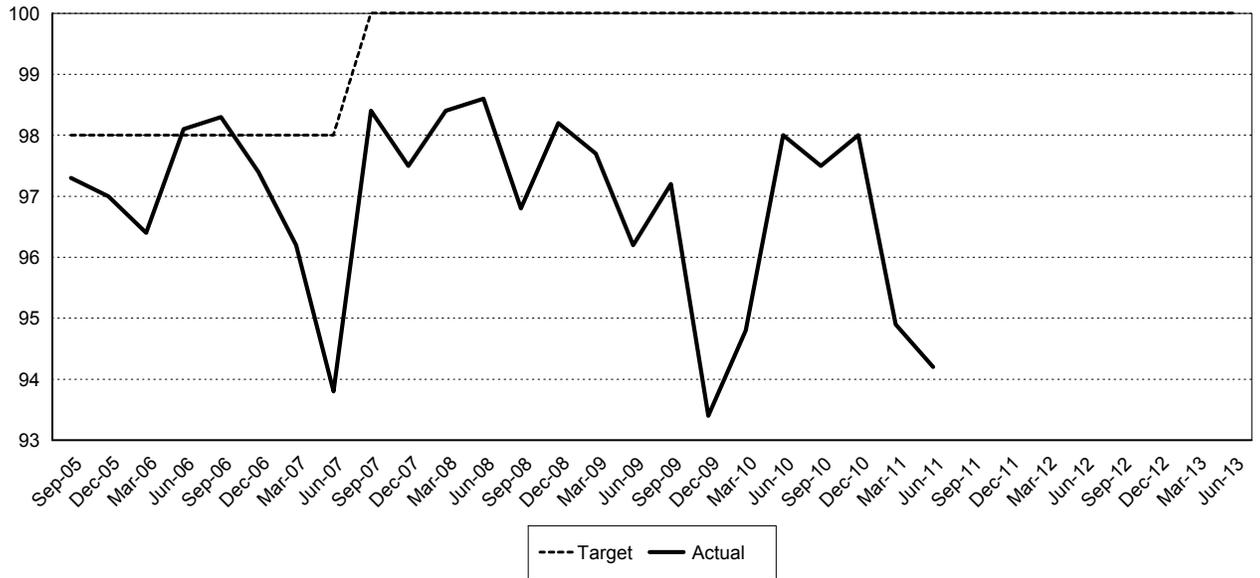
Environmental laboratories submitting data to Ecology and the Department of Health have the demonstrated ability to provide accurate and defensible data. Approximately 460 environmental laboratories in 26 states and 2 provinces, including 106 drinking water laboratories, are evaluated and accredited. 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.

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<b>001161 Percent of acceptable performance testing analyses completed by Washington State laboratories.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3		100%
	Q2		100%
	Q1		100%
2009-11	Q8	94.2%	100%
	Q7	94.9%	100%
	Q6	98%	100%
	Q5	97.5%	100%
	Q4	98%	100%
	Q3	94.8%	100%
	Q2	93.4%	100%
	Q1	97.2%	100%
2007-09	Q8	96.2%	100%
	Q7	97.7%	100%
	Q6	98.2%	100%
	Q5	96.8%	100%
	Q4	98.6%	100%
	Q3	98.4%	100%
	Q2	97.5%	100%
	Q1	98.4%	100%

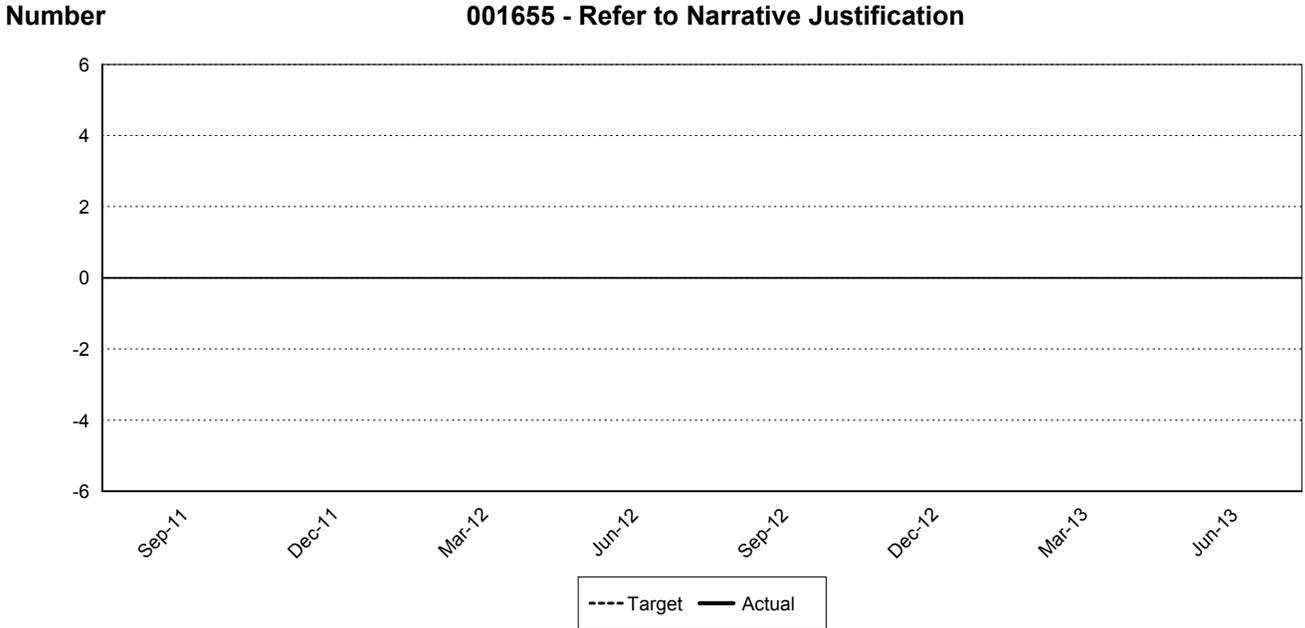
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**Percent 001161 - Percent of acceptable performance testing analyses completed by Washington State laboratories**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	14.4	14.4	14.4
<b>174 Local Toxics Control Account</b>			
174-1 State	\$1,720,000	\$1,983,000	\$3,703,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$620,000	\$1,261,000	\$1,881,000

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

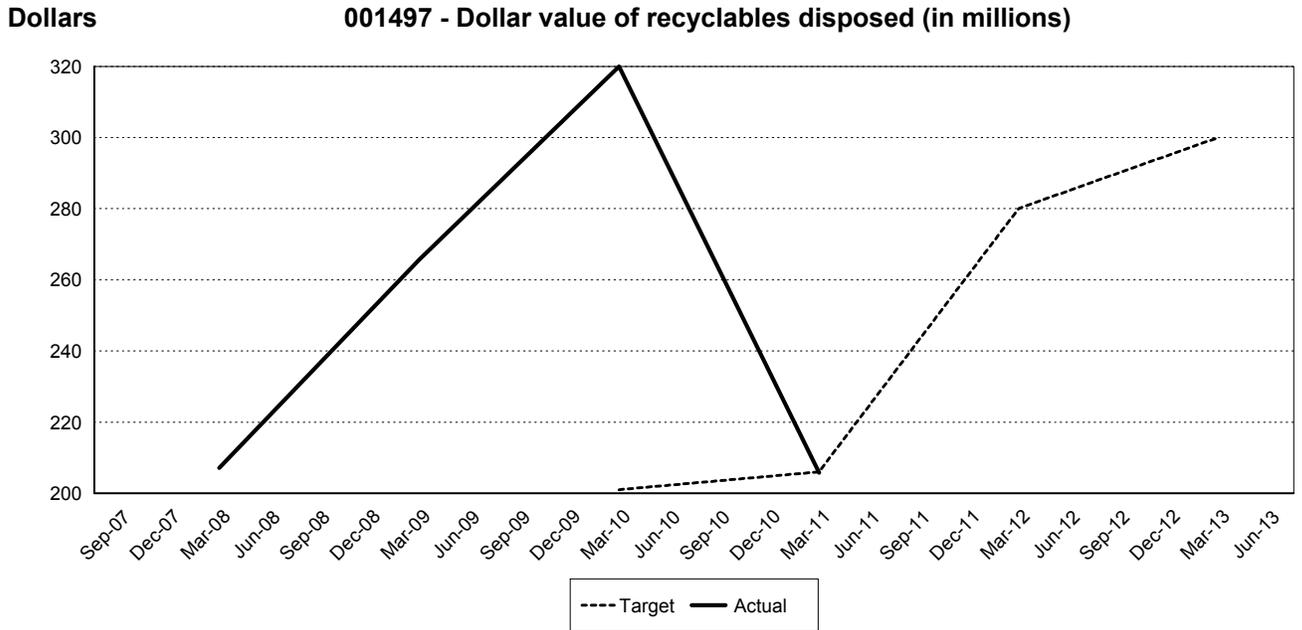
**Statewide Strategy: Preserve, maintain and restore natural systems and landscapes**

**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.

<b>001497 Dollar value of recyclables disposed (in millions). Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		\$300
	Q6		
	Q5		
	Q4		
	Q3		\$280
	Q2		
	Q1		
2009-11	Q8		
	Q7	\$205.8	\$206
	Q6		
	Q5		
	Q4		
	Q3	\$320	\$201
	Q2		
	Q1		
2007-09	Q8		
	Q7	\$265.7	
	Q6		
	Q5		
	Q4		
	Q3	\$207.1	
	Q2		
	Q1		

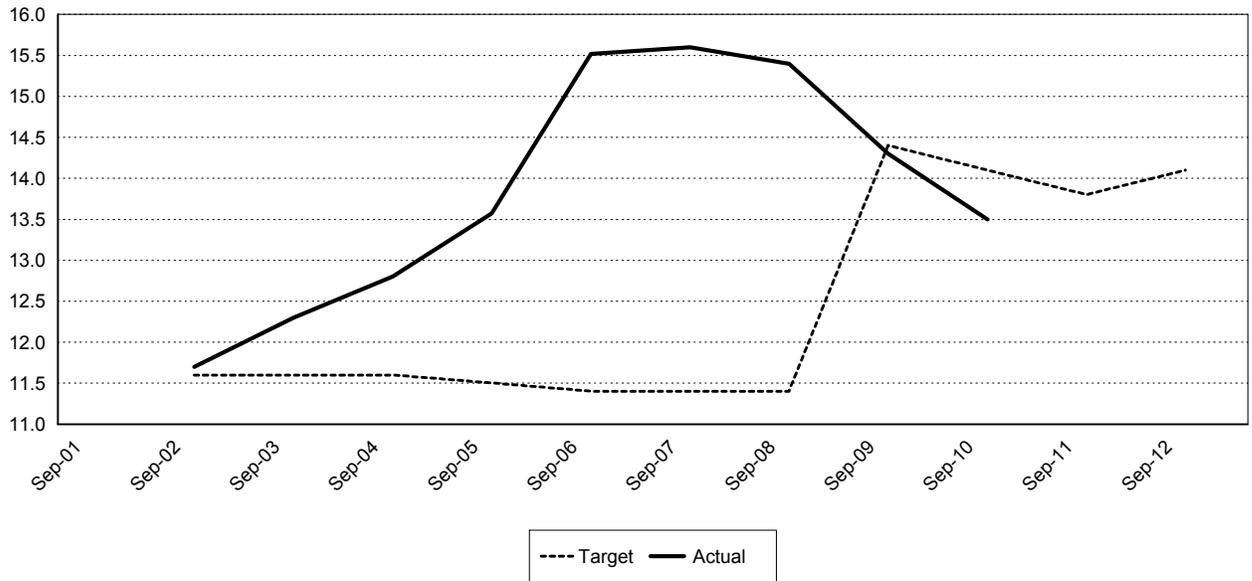
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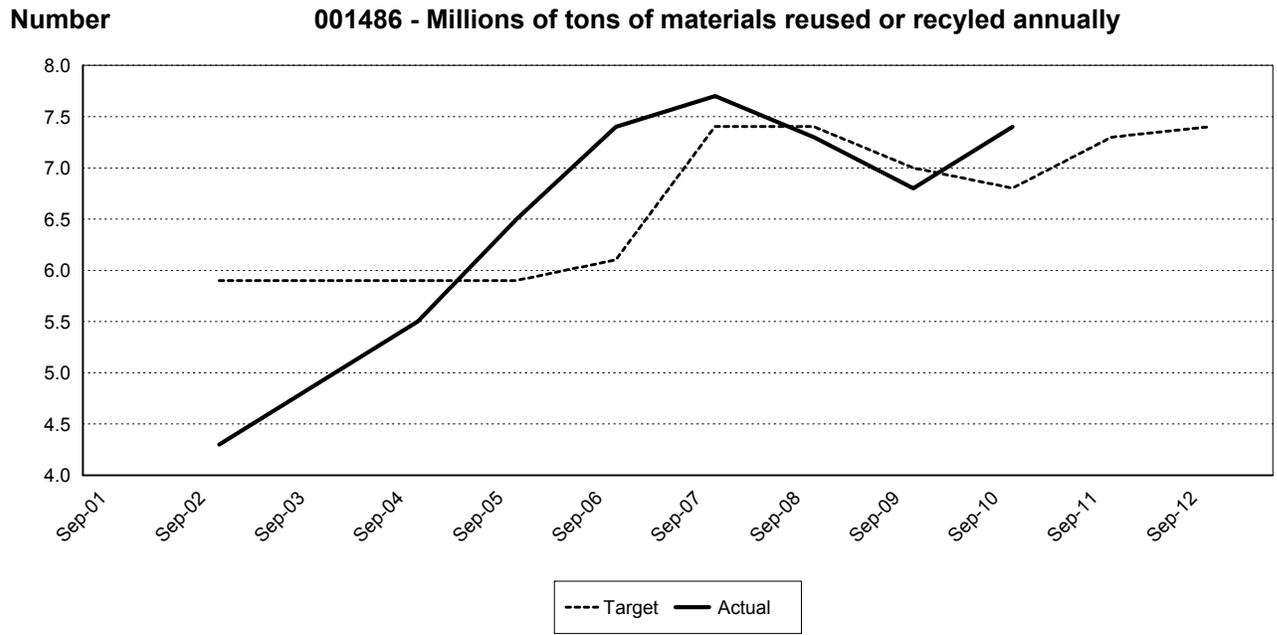
<b>001484 Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		14.1
	Q5		
	Q4		
	Q3		
	Q2		13.8
	Q1		
2009-11	Q8		
	Q7		
	Q6	13.5	14.1
	Q5		
	Q4		
	Q3		
	Q2	14.3	14.4
	Q1		
2007-09	Q8		
	Q7		
	Q6	15.4	11.4
	Q5		
	Q4		
	Q3		
	Q2	15.6	11.4
	Q1		

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



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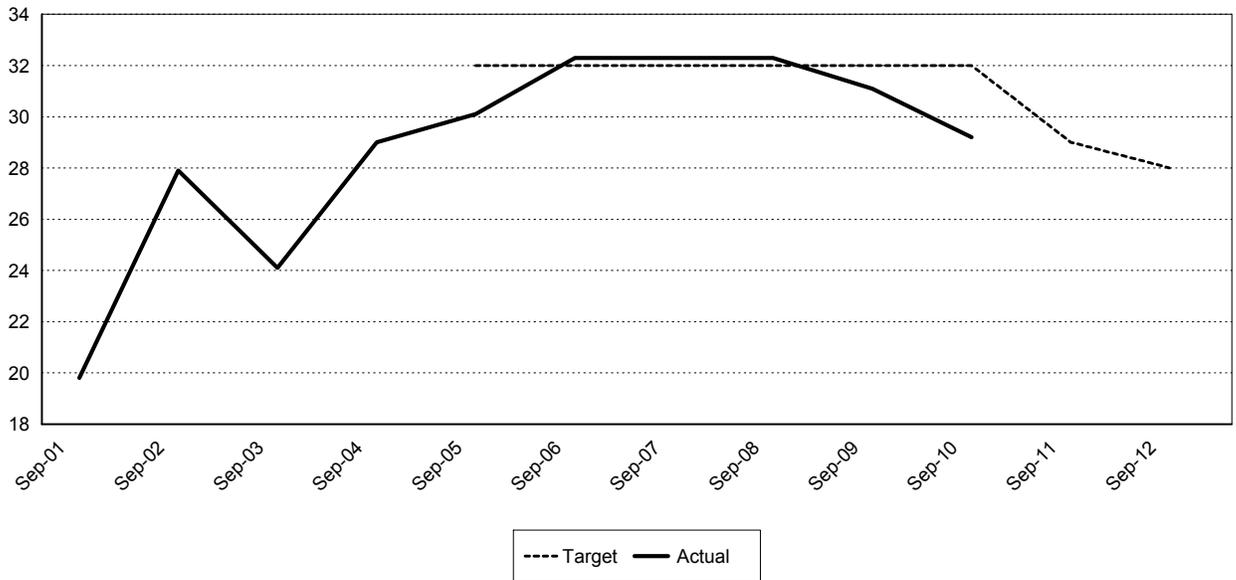
<b>001486 Millions of tons of materials reused or recycled annually. Reported annually in Quarters 2 and 6.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		7.4
	Q5		
	Q4		
	Q3		
	Q2		7.3
	Q1		
2009-11	Q8		
	Q7		
	Q6	7.4	6.8
	Q5		
	Q4		
	Q3		
	Q2	6.8	7
	Q1		
2007-09	Q8		
	Q7		
	Q6	7.3	7.4
	Q5		
	Q4		
	Q3		
	Q2	7.7	7.4
	Q1		



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<b>001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed. Reported annually in Quarters 2 and 6.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		28
	Q5		
	Q4		
	Q3		
	Q2		29
	Q1		
2009-11	Q8		
	Q7		
	Q6	29.2	32
	Q5		
	Q4		
	Q3		
	Q2	31.1	32
	Q1		
2007-09	Q8		
	Q7		
	Q6	32.3	32
	Q5		
	Q4		
	Q3		
	Q2	32.3	32
	Q1		

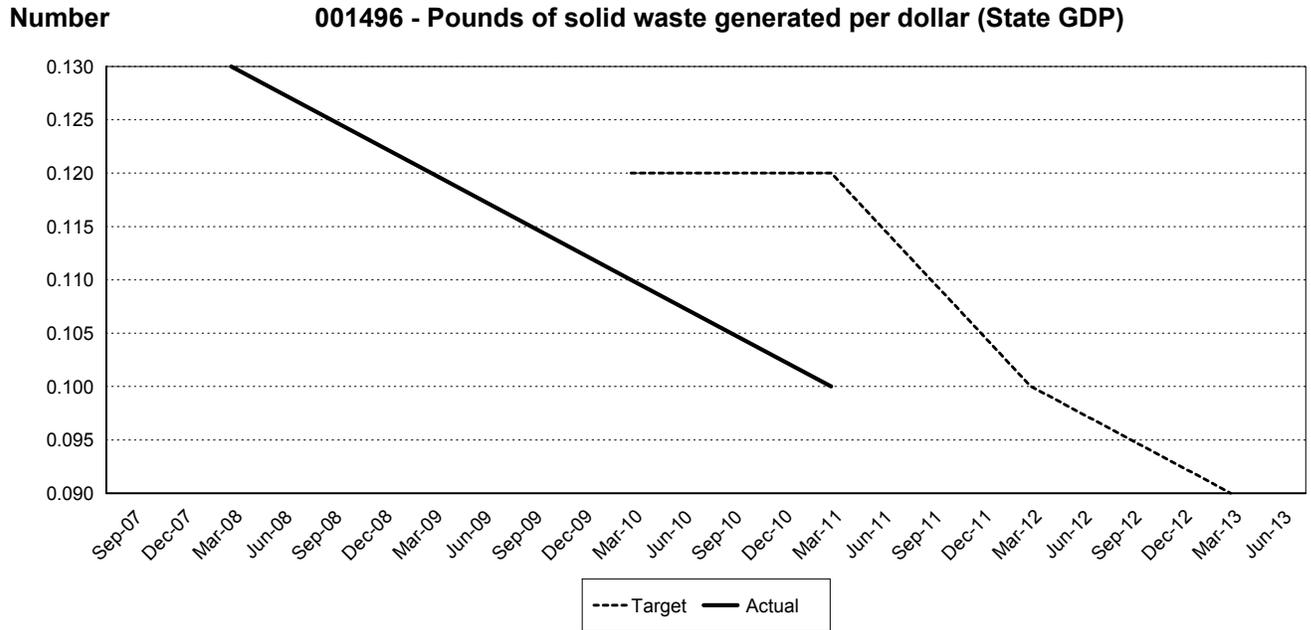
**Number 001495 - Pounds of household and small quantity generator hazardous wastes recycled or properly disposed**



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<b>001496 Pounds of solid waste generated per dollar (State GDP). Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		0.09
	Q6		
	Q5		
	Q4		
	Q3		0.1
	Q2		
	Q1		
2009-11	Q8		
	Q7	0.1	0.12
	Q6		
	Q5		
	Q4		
	Q3	0.11	0.12
	Q2		
	Q1		
2007-09	Q8		
	Q7	0.12	
	Q6		
	Q5		
	Q4		
	Q3	0.13	
	Q2		
	Q1		

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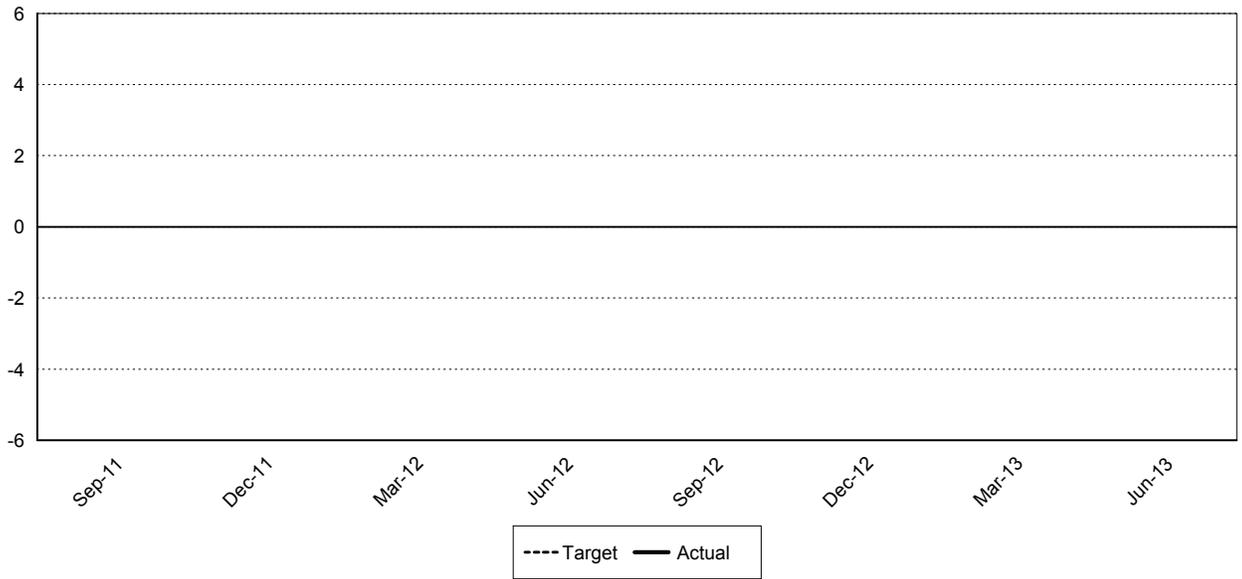


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Number

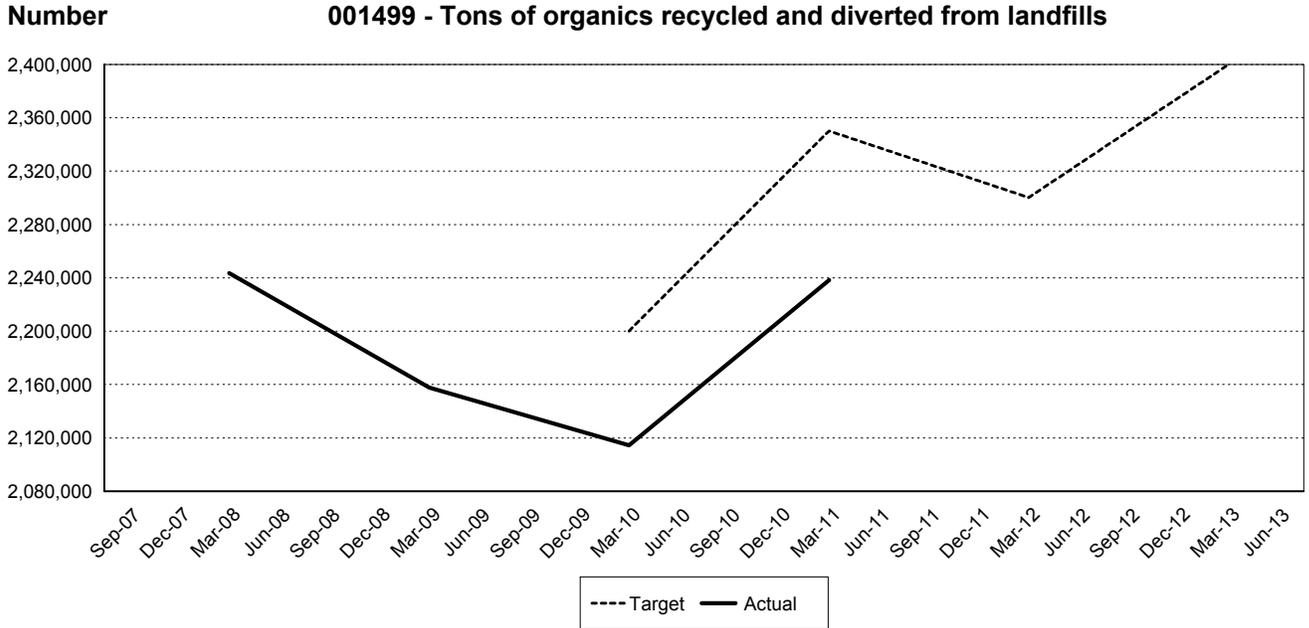
001655 - Refer to Narrative Justification



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<b>001499 Tons of organics recycled and diverted from landfills. Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		2,400,000
	Q6		
	Q5		
	Q4		
	Q3		2,300,000
	Q2		
	Q1		
2009-11	Q8		
	Q7	2,238,209	2,350,000
	Q6		
	Q5		
	Q4		
	Q3	2,114,425	2,200,000
	Q2		
	Q1		
2007-09	Q8		
	Q7	2,157,729	
	Q6		
	Q5		
	Q4		
	Q3	2,243,424	
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	14.8	14.6	14.7
<b>219 Air Operating Permit Account</b>			
219-1 State	\$35,000	\$36,000	\$71,000
<b>001 General Fund</b>			
001-1 State	\$9,000	\$9,000	\$18,000
001-2 Federal	\$2,067,000	\$2,134,000	\$4,201,000
<b>001 Account Total</b>	<b>\$2,076,000</b>	<b>\$2,143,000</b>	<b>\$4,219,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$70,000	\$72,000	\$142,000

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

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

**Expected Results**

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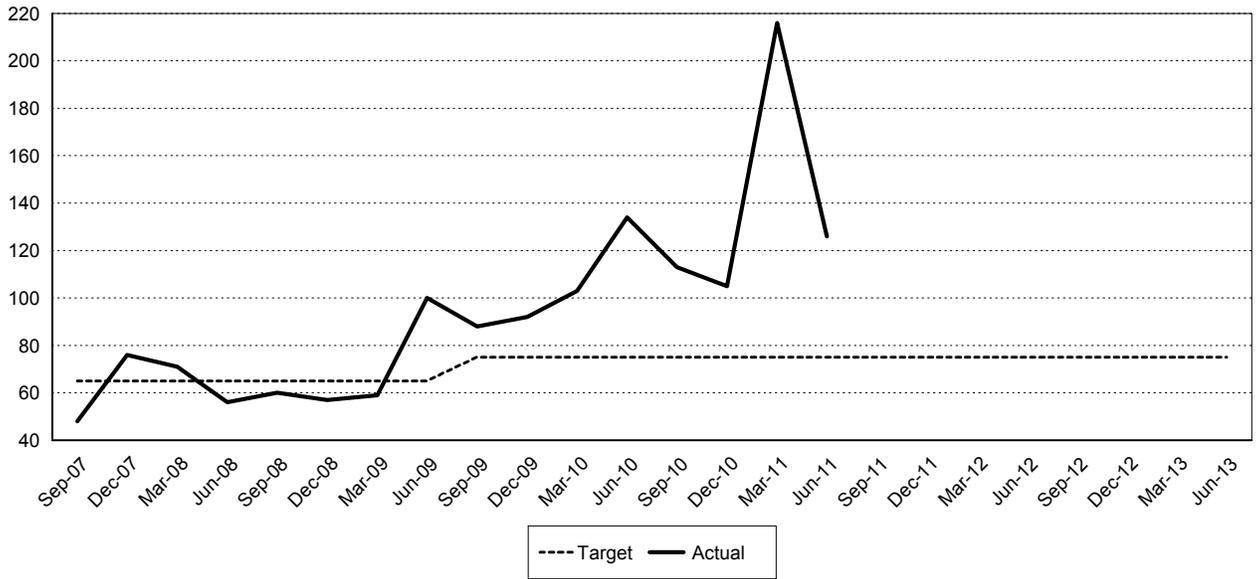
Public use of the air, soil, and water at Hanford will be restored. Human and environmental risks associated with past Hanford activities are removed or reduced. Continue cleanup of contaminated waste sites adjacent to the Columbia River. Begin cleanup on the Hanford Central Plateau.

<b>001363 Pounds of chromium removed from contaminated groundwater at Hanford.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		75
	Q7		75
	Q6		75
	Q5		75
	Q4		75
	Q3		75
	Q2		75
	Q1		75
2009-11	Q8	126	75
	Q7	216	75
	Q6	105	75
	Q5	113	75
	Q4	134	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

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Number

001363 - Chromium removed at Hanford



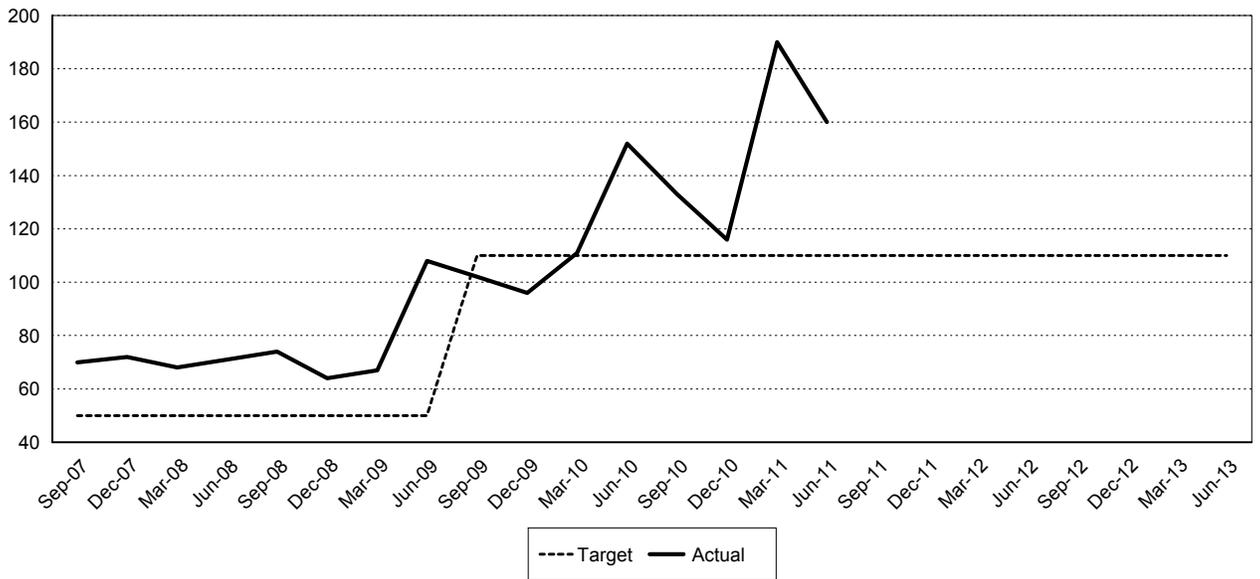
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<b>001362 Gallons of groundwater contaminated by hexavalent chromium that is remediated at Hanford (in millions of gallons)</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		110
	Q7		110
	Q6		110
	Q5		110
	Q4		110
	Q3		110
	Q2		110
	Q1		110
2009-11	Q8	160	110
	Q7	190	110
	Q6	116	110
	Q5	133	110
	Q4	152	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

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Number

001362 - Gallons of groundwater remediated at Hanford

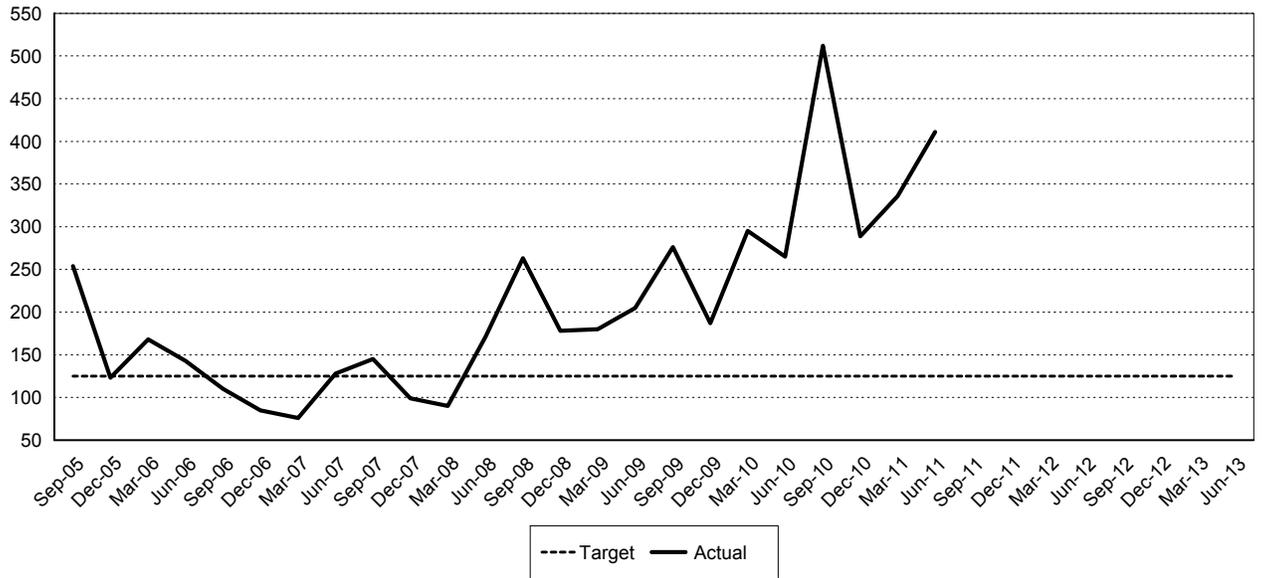


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<b>001358 Tons of radioactive and/or chemically contaminated soil and debris from near the Columbia River that are removed and securely disposed at Hanford.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		125
	Q7		125
	Q6		125
	Q5		125
	Q4		125
	Q3		125
	Q2		125
	Q1		125
2009-11	Q8	411	125
	Q7	336	125
	Q6	289	125
	Q5	512	125
	Q4	265	125
	Q3	295	125
	Q2	187	125
	Q1	276	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

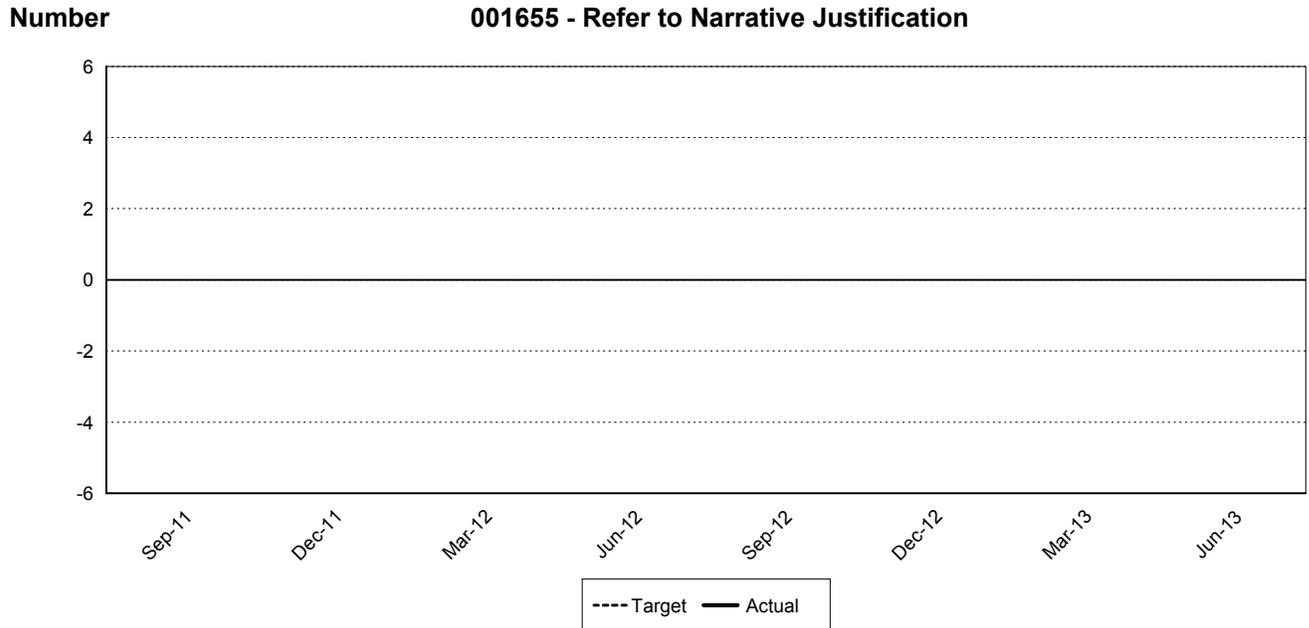
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**Number 001358 - Radioactive &/or chemically contaminated soil & debris remvd & securely disposed at Hanford**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	8.7	8.5	8.6
<b>219 Air Operating Permit Account</b>			
219-1 State	\$35,000	\$36,000	\$71,000
<b>001 General Fund</b>			
001-1 State	\$9,000	\$9,000	\$18,000
001-2 Federal	\$225,000	\$232,000	\$457,000
<b>001 Account Total</b>	<b>\$234,000</b>	<b>\$241,000</b>	<b>\$475,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$575,000	\$595,000	\$1,170,000

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

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

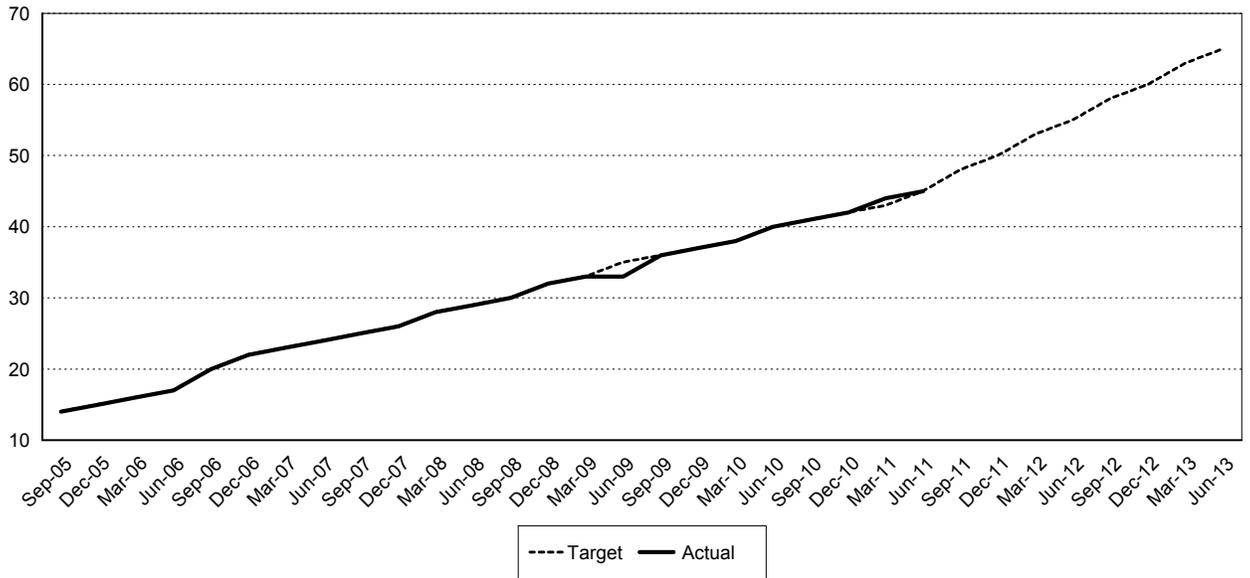
**Expected Results**

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.

<b>001361 Decontaminate and decommission the plutonium finishing plant on Hanford on schedule by 2016. (percent complete)</b>				
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>	
2011-13	Q8		65%	
	Q7		63%	
	Q6		60%	
	Q5		58%	
	Q4		55%	
	Q3		53%	
	Q2		50%	
	Q1		48%	
2009-11	Q8	45%	45%	
	Q7	44%	43%	
	Q6	42%	42%	
	Q5	41%	41%	
	Q4	40%	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%	

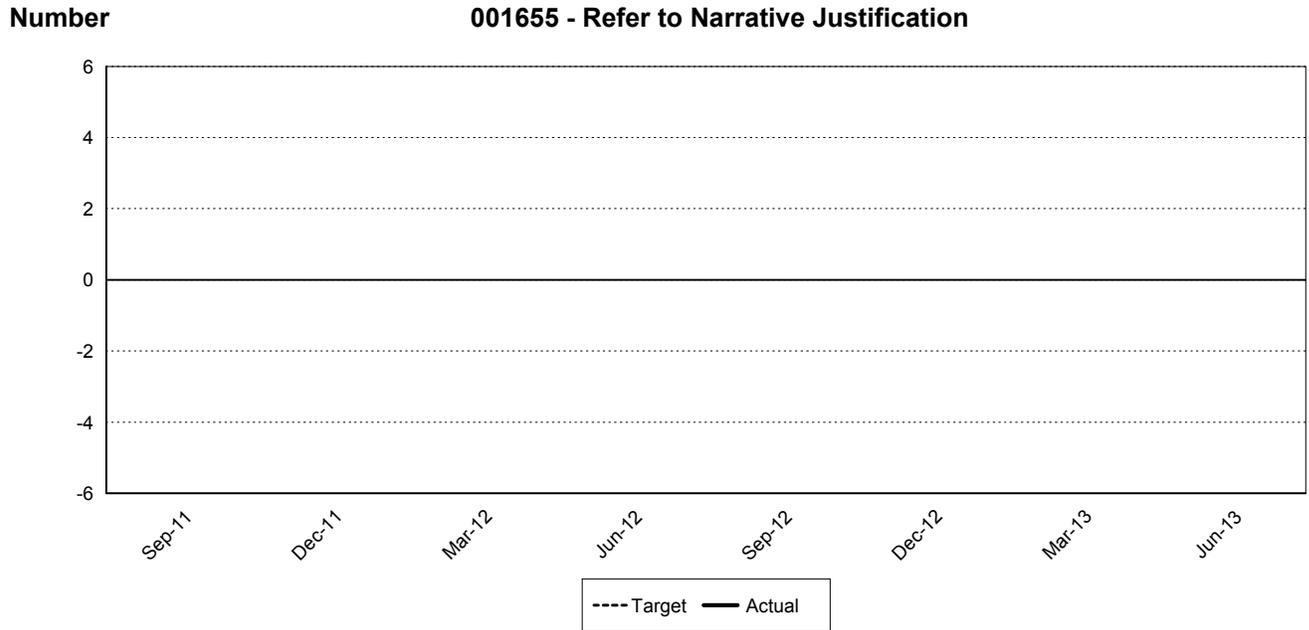
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**Percent 001361 - Decontaminate & decommission the plutonium finishing plant on Hanford on schedule by 2016. (% comp.)**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	24.1	23.3	23.7
<b>219 Air Operating Permit Account</b>			
219-1 State	\$35,000	\$36,000	\$71,000
<b>001 General Fund</b>			
001-1 State	\$9,000	\$9,000	\$18,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$2,416,000	\$2,499,000	\$4,915,000

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

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

**Expected Results**

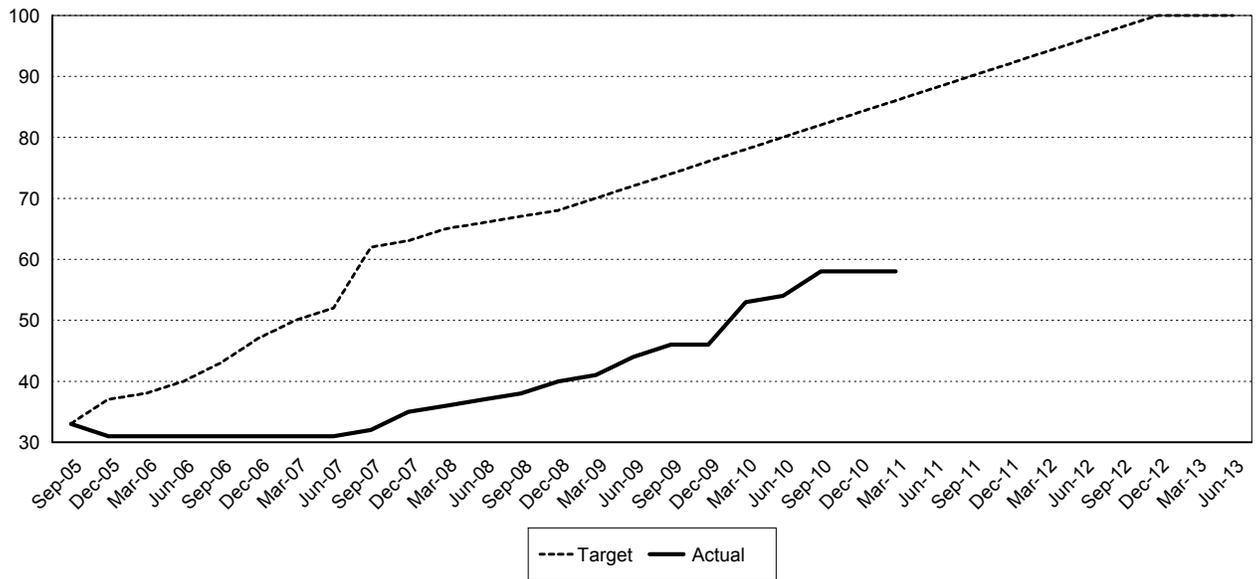
53 million gallons of high-level radioactive mixed waste from Hanford's interim storage tanks will be retrieved and treated. Continue construction of The Hanford Tank Waste Treatment Plant at a rate that supports approved milestones. Start conceptual planning and design of an interim storage facility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

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<b>001359 Percent of the Hanford tank waste treatment plant construction completed.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		100%
	Q7		100%
	Q6		100%
	Q5		98%
	Q4		96%
	Q3		94%
	Q2		92%
	Q1		90%
2009-11	Q8		88%
	Q7	58%	86%
	Q6	58%	84%
	Q5	58%	82%
	Q4	54%	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%

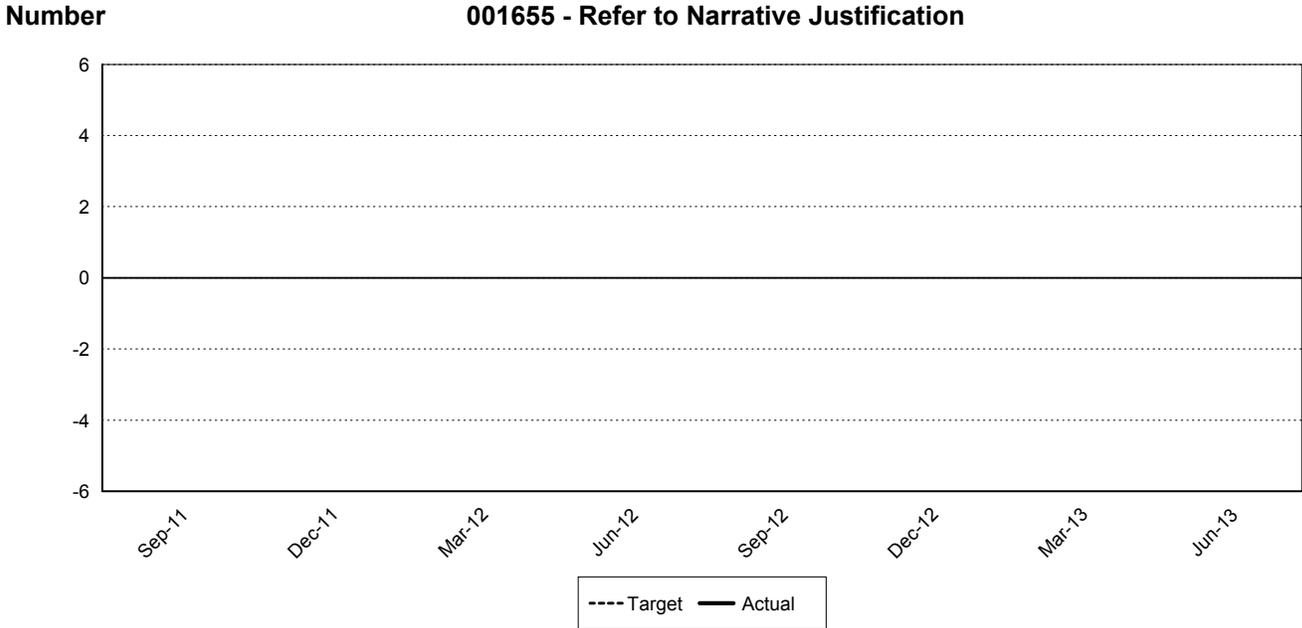
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**Percent 001359 - Percent of the Hanford tank waste treatment plant construction completed**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	14.8	14.4	14.6
<b>219 Air Operating Permit Account</b>			
219-1 State	\$35,000	\$36,000	\$71,000
<b>001 General Fund</b>			
001-1 State	\$9,000	\$9,000	\$18,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,463,000	\$1,514,000	\$2,977,000

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

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

**Expected Results**

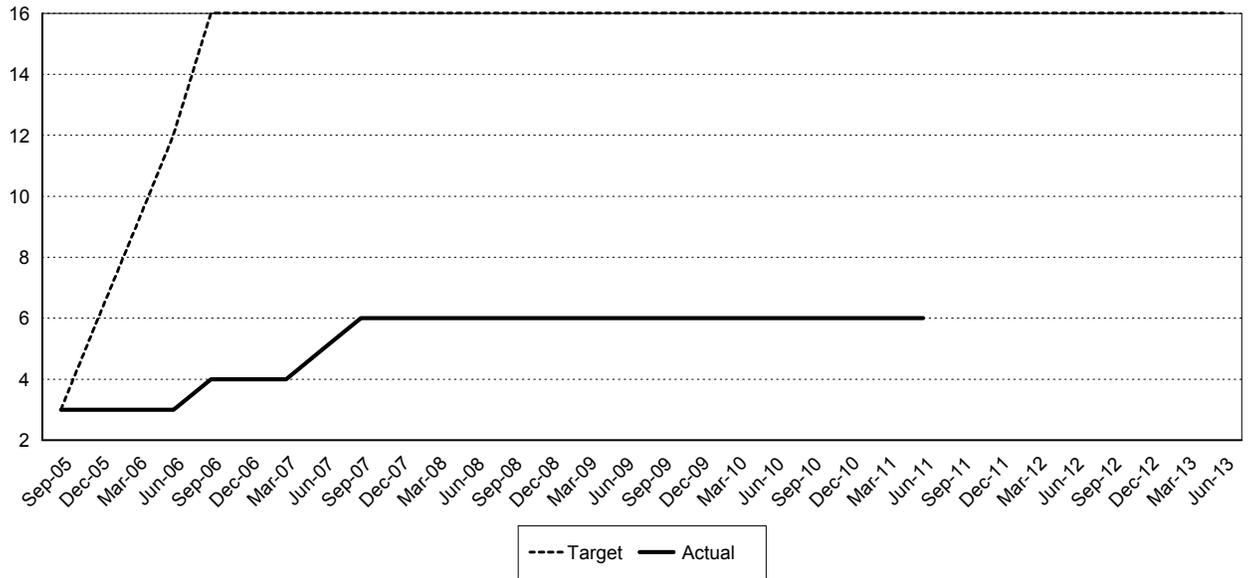
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

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.

<b>001357 Number of tanks containing radioactive hazardous waste emptied at Hanford's "C-Tank Farm" (cumulative).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		16
	Q7		16
	Q6		16
	Q5		16
	Q4		16
	Q3		16
	Q2		16
	Q1		16
2009-11	Q8	6	16
	Q7	6	16
	Q6	6	16
	Q5	6	16
	Q4	6	16
	Q3	6	16
	Q2	6	16
	Q1	6	16
2007-09	Q8	6	16
	Q7	6	16
	Q6	6	16
	Q5	6	16
	Q4	6	16
	Q3	6	16
	Q2	6	16
	Q1	6	16

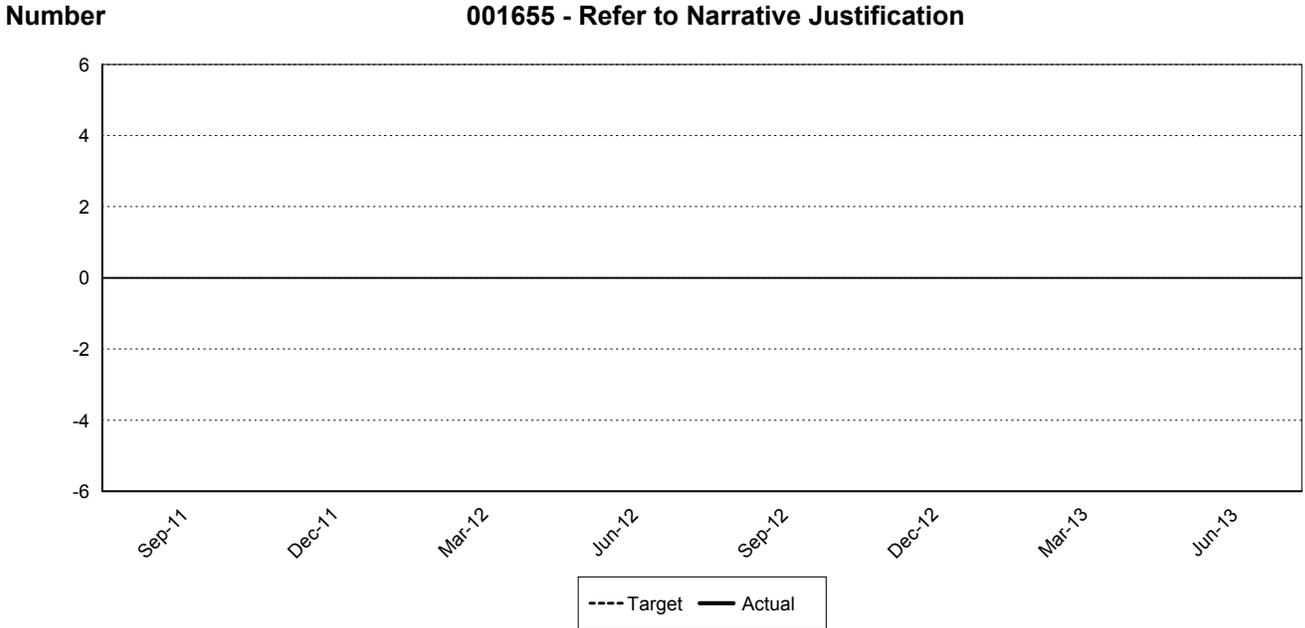
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**Number 001357 - Number of tanks containing radioactive hazardous waste emptied at Hanford's C-Tank Farm.**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	14.3	13.9	14.1
<b>219 Air Operating Permit Account</b>			
219-1 State	\$35,000	\$36,000	\$71,000
<b>001 General Fund</b>			
001-1 State	\$9,000	\$9,000	\$18,000
001-2 Federal	\$164,000	\$170,000	\$334,000
001-7 Private/Local	\$80,000	\$84,000	\$164,000
<b>001 Account Total</b>	<b>\$253,000</b>	<b>\$263,000</b>	<b>\$516,000</b>
<b>125 Site Closure Account</b>			
125-1 State	\$225,000	\$371,000	\$596,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,047,000	\$1,083,000	\$2,130,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$50,000	\$51,000	\$101,000

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

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

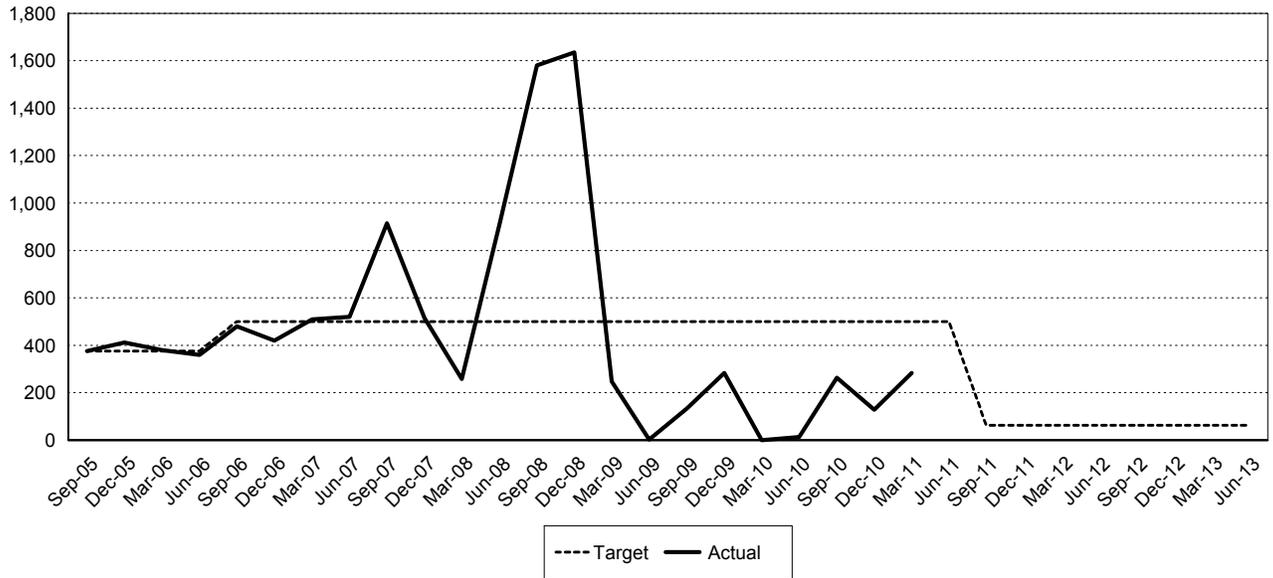
**Expected Results**

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.

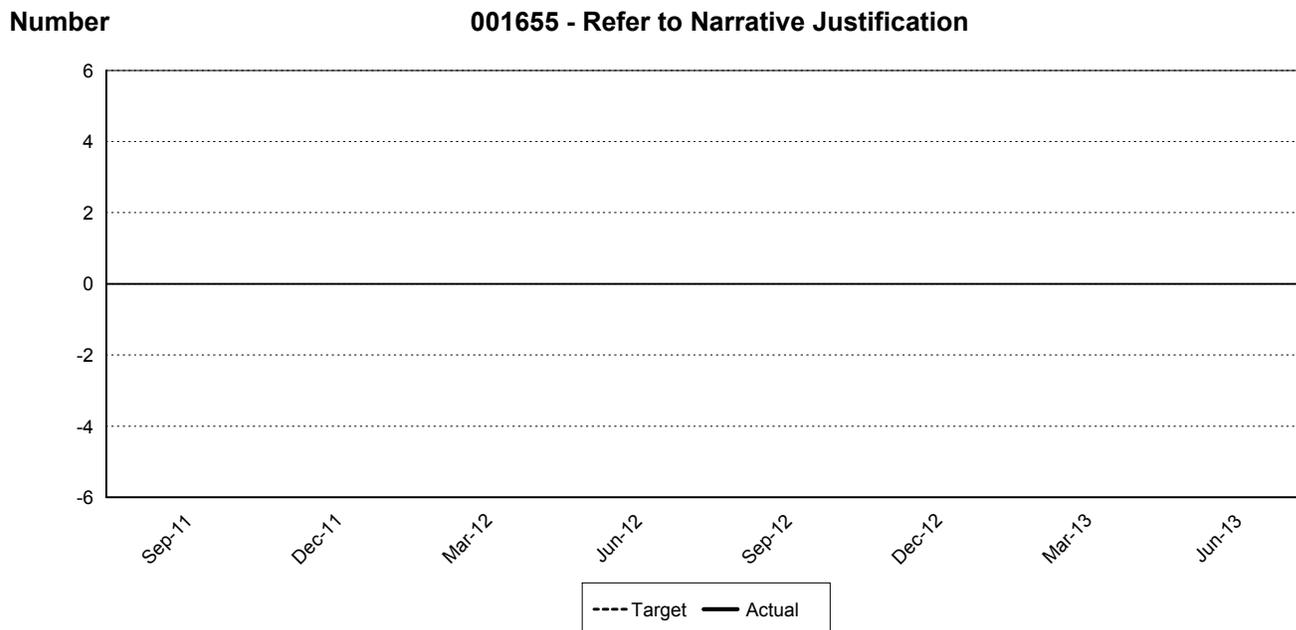
<b>001360 Amount of transuranic waste removed from the low level burial grounds at Hanford. (cubic meters).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		63
	Q7		62
	Q6		63
	Q5		62
	Q4		63
	Q3		62
	Q2		63
	Q1		62
2009-11	Q8		500
	Q7	284	500
	Q6	128	500
	Q5	263	500
	Q4	13	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

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**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 2012	FY 2013	Biennial Total
<b>FTE</b>	24.0	24.0	24.0
<b>001 General Fund</b>			
001-2 Federal	\$162,000	\$144,000	\$306,000
<b>207 Hazardous Waste Assistance Account</b>			
207-1 State	\$625,000	\$626,000	\$1,251,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$702,000	\$708,000	\$1,410,000
<b>163 Worker and Community Right-to-Know Account</b>			
163-1 State	\$709,000	\$726,000	\$1,435,000

**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**

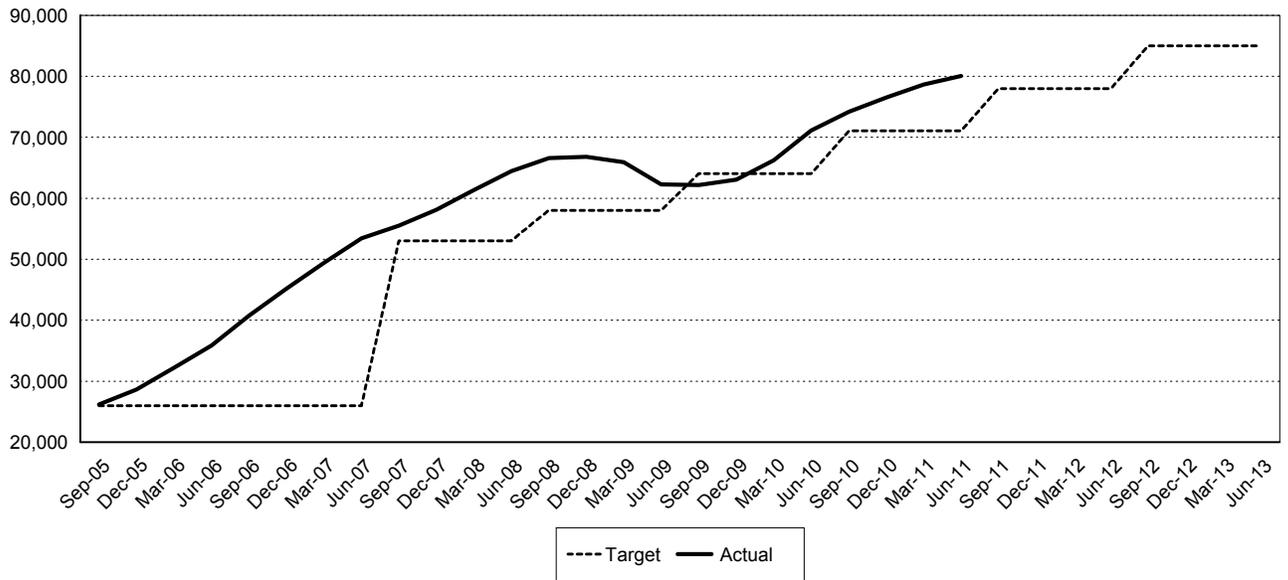
**Expected Results**

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.

<b>001286 Number of visits to Ecology's Hazardous Waste and Toxics Reduction web sites.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		85,000
	Q7		85,000
	Q6		85,000
	Q5		85,000
	Q4		78,000
	Q3		78,000
	Q2		78,000
	Q1		78,000
2009-11	Q8	80,043	71,000
	Q7	78,654	71,000
	Q6	76,503	71,000
	Q5	74,196	71,000
	Q4	71,130	64,000
	Q3	66,241	64,000
	Q2	63,055	64,000
	Q1	62,166	64,000
2007-09	Q8	62,256	58,000
	Q7	65,917	58,000
	Q6	66,791	58,000
	Q5	66,610	58,000
	Q4	64,457	53,000
	Q3	61,348	53,000
	Q2	58,134	53,000
	Q1	55,537	53,000

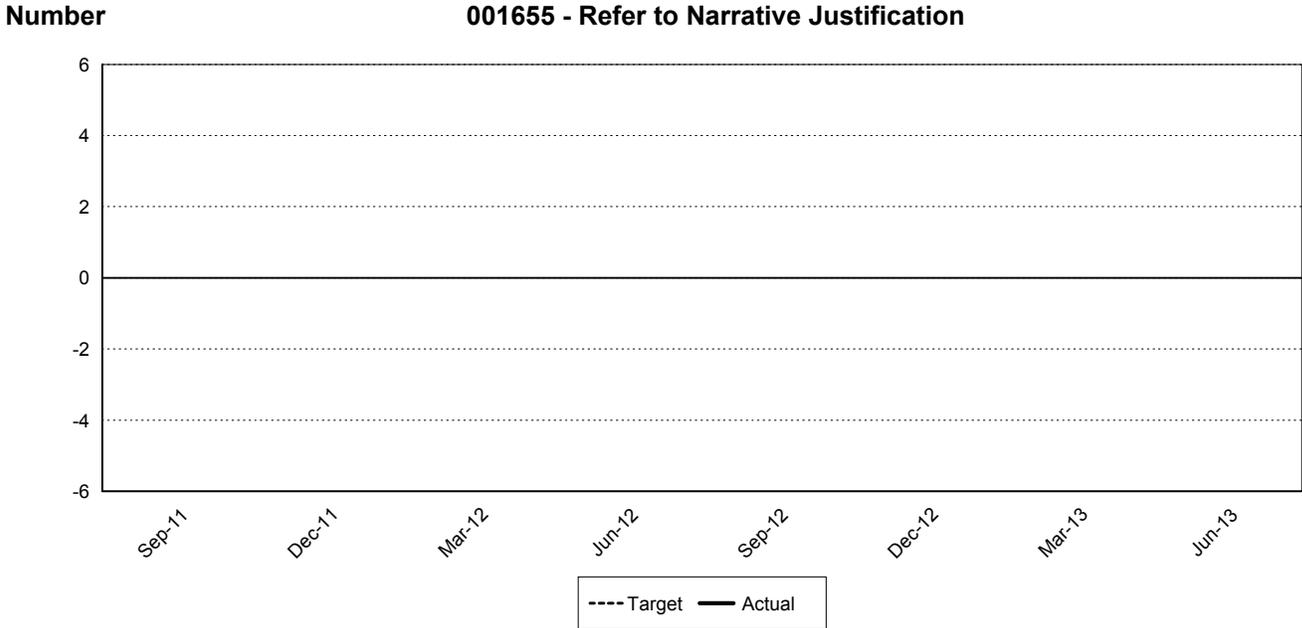
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**Number 001286 - Number of visitors to Ecology's Hazardous Waste & Toxics Reduction Program web sites**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**A020 Improve Quality of Data Used for Environmental Decision Making**

Sound environmental policy and regulatory decisions require accurate and timely data. To ensure the reliability and integrity of data Ecology uses, 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 (EPA) for entities (including Ecology) that receive funding for work involving environmental data. In addition, Ecology scientists, modelers, statisticians, chemists, and other specialists interpret technical data, review grantee monitoring plans, and supply information for policy decisions, to support agency mandates.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	4.4	4.4	4.4
<b>001 General Fund</b>			
001-1 State	\$169,000	\$166,000	\$335,000
001-2 Federal	\$162,000	\$163,000	\$325,000
<b>001 Account Total</b>	<b>\$331,000</b>	<b>\$329,000</b>	<b>\$660,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$55,000	\$55,000	\$110,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$123,000	\$123,000	\$246,000

**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**

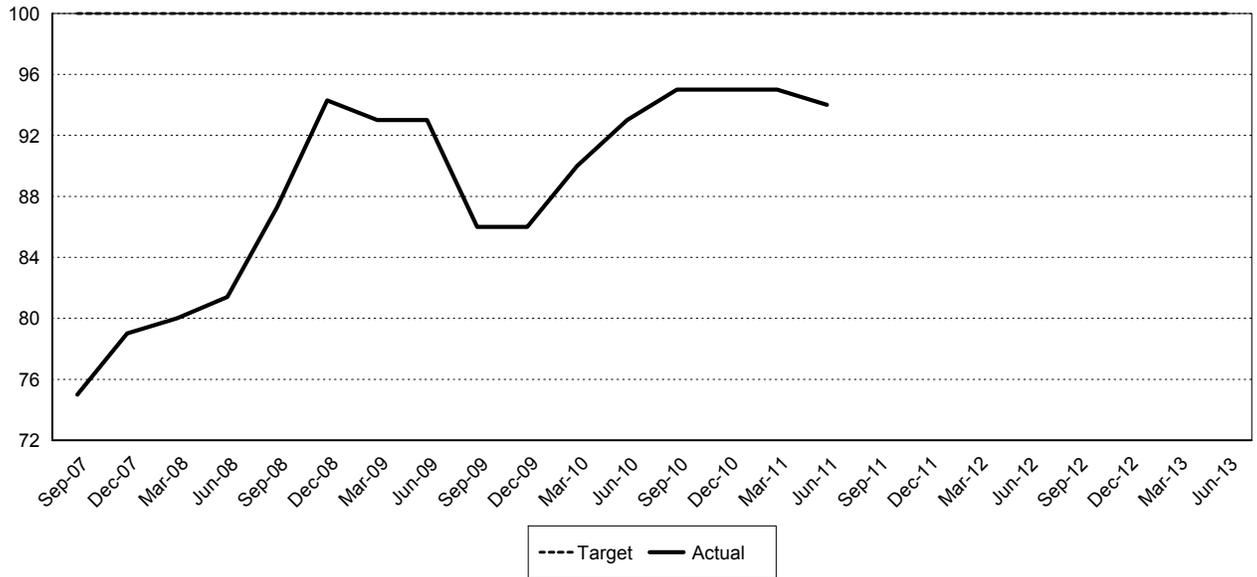
**Expected Results**

Environmental policy and agency decisions are based on 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.

<b>001163 Percent of environmental monitoring field procedures covered by a formal Standard Operating Procedure (SOP).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3		100%
	Q2		100%
	Q1		100%
2009-11	Q8	94%	100%
	Q7	95%	100%
	Q6	95%	100%
	Q5	95%	100%
	Q4	93%	100%
	Q3	90%	100%
	Q2	86%	100%
	Q1	86%	100%
2007-09	Q8	93%	100%
	Q7	93%	100%
	Q6	94.3%	100%
	Q5	87.28%	100%
	Q4	81.4%	100%
	Q3	80%	100%
	Q2	79%	100%
	Q1	75%	100%

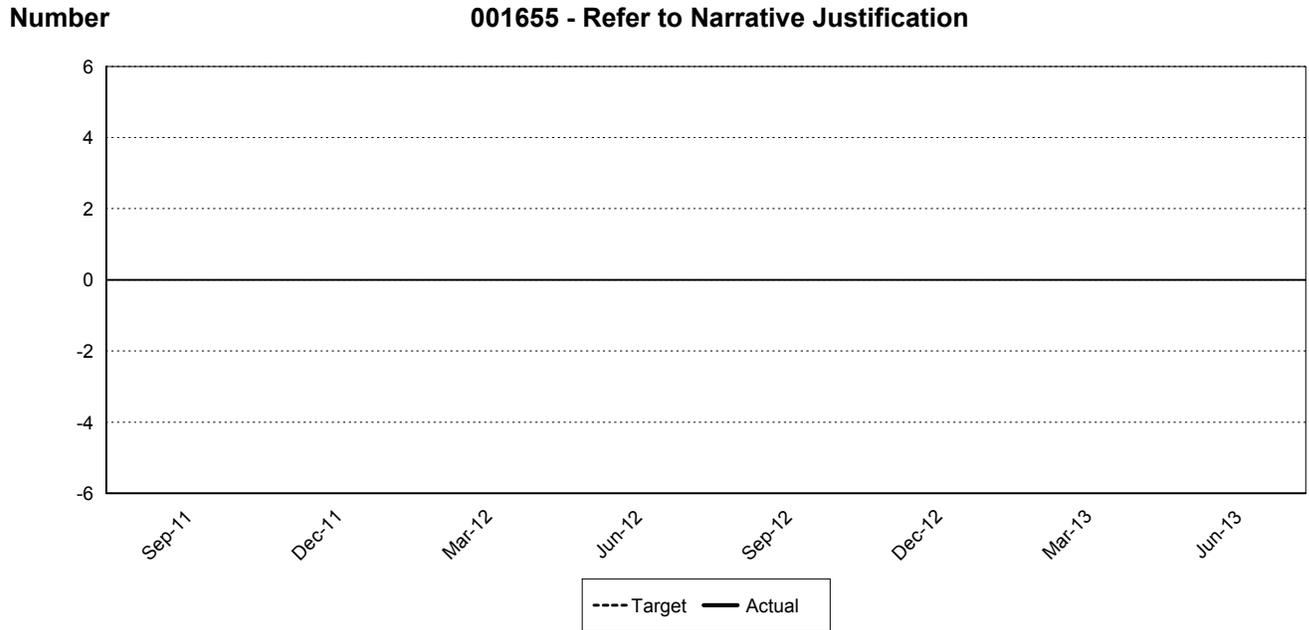
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**Percent 001163 - Percent of environmental monitoring field procedures covered by a formal SOP**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	31.0	31.0	31.0
<b>001 General Fund</b>			
001-2 Federal	\$1,021,000	\$1,033,000	\$2,054,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,941,000	\$2,279,000	\$4,220,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

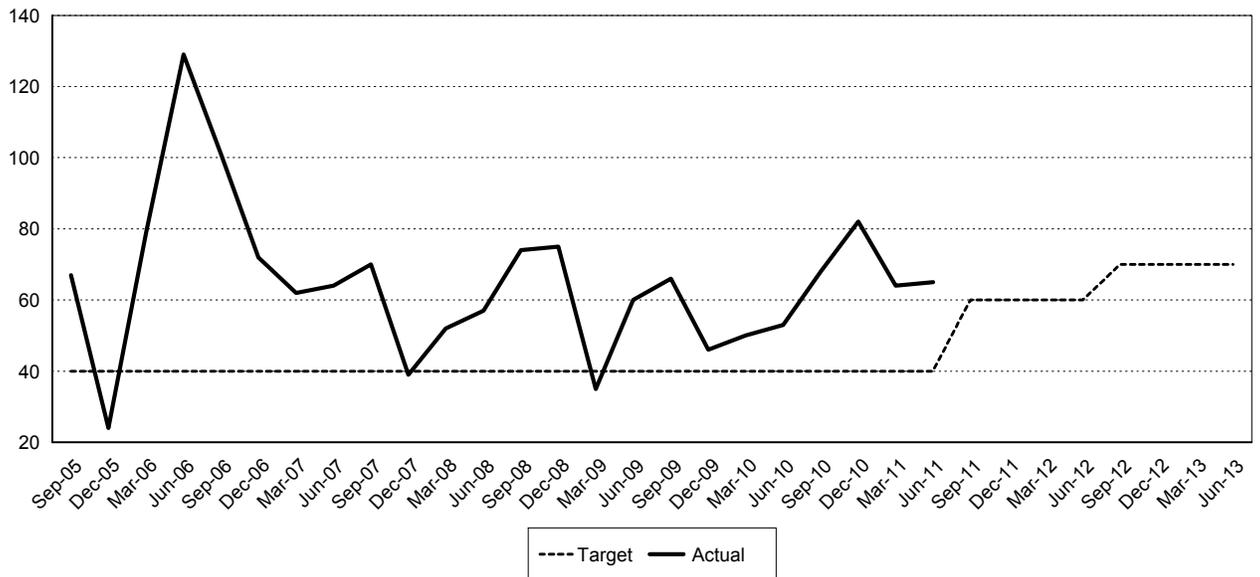
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Facility compliance in managing hazardous wastes is improved for the protection of public health and the environment. 320 compliance inspections are conducted annually (including 15 treatment, storage, and disposal facilities and 70 large quantity 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.

<b>001284 Number of significant toxics-related environmental threats resolved.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		70
	Q7		70
	Q6		70
	Q5		70
	Q4		60
	Q3		60
	Q2		60
	Q1		60
2009-11	Q8	65	40
	Q7	64	40
	Q6	82	40
	Q5	68	40
	Q4	53	40
	Q3	50	40
	Q2	46	40
	Q1	66	40
2007-09	Q8	60	40
	Q7	35	40
	Q6	75	40
	Q5	74	40
	Q4	57	40
	Q3	52	40
	Q2	39	40
	Q1	70	40

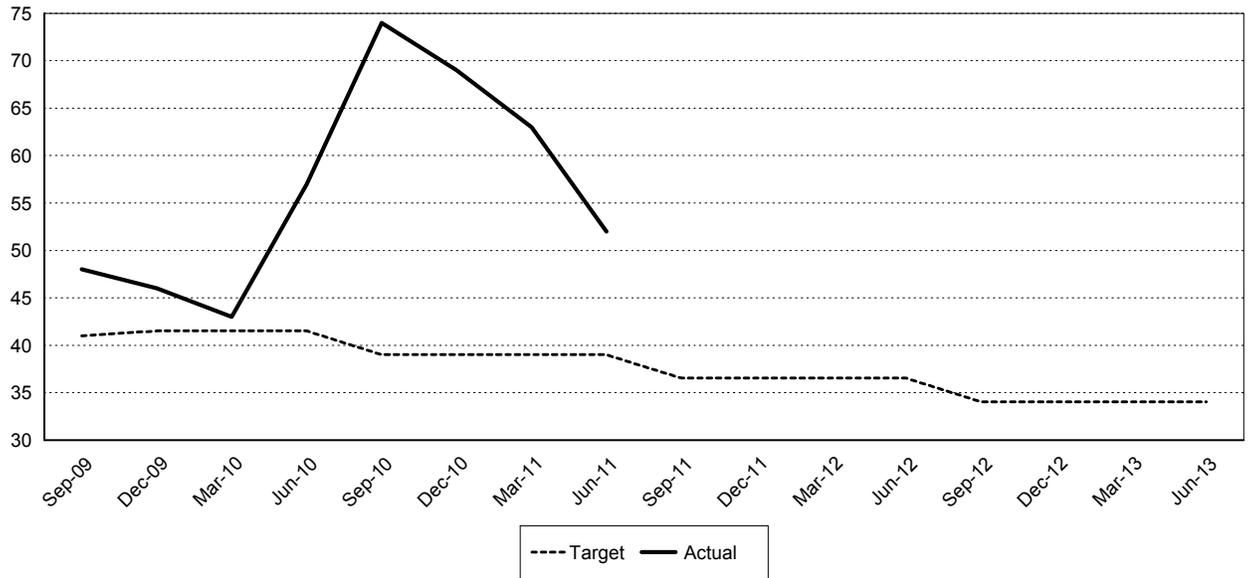
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**Number 001284 - Number of significant toxics-related environmental threats resolved**



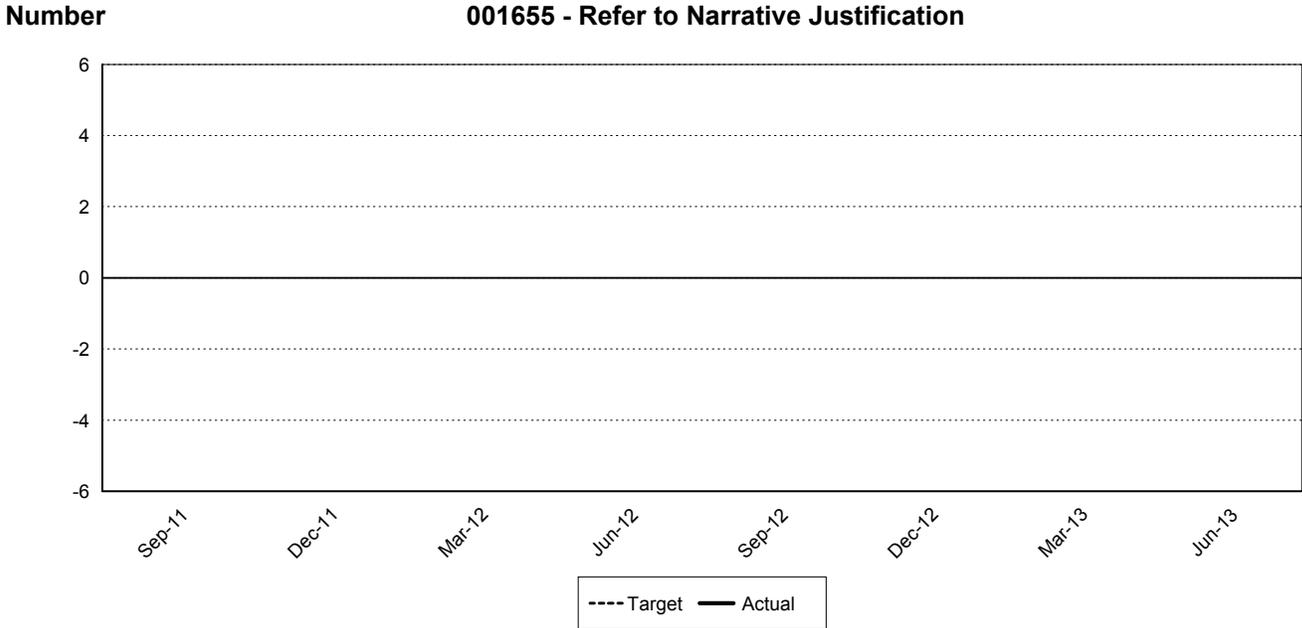
<b>001294 Percent of facilities with a significant toxics-related threat found during an inspection.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		34%
	Q7		34%
	Q6		34%
	Q5		34%
	Q4		36.5%
	Q3		36.5%
	Q2		36.5%
	Q1		36.5%
2009-11	Q8	52%	39%
	Q7	63%	39%
	Q6	69%	39%
	Q5	74%	39%
	Q4	57%	41.5%
	Q3	43%	41.5%
	Q2	46%	41.5%
	Q1	48%	41%

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	19.2	19.2	19.2
<b>001 General Fund</b>			
001-2 Federal	\$516,000	\$730,000	\$1,246,000
001-7 Private/Local	\$0	\$47,000	\$47,000
<b>001 Account Total</b>	<b>\$516,000</b>	<b>\$777,000</b>	<b>\$1,293,000</b>
<b>207 Hazardous Waste Assistance Account</b>			
207-1 State	\$215,000	\$223,000	\$438,000
<b>174 Local Toxics Control Account</b>			
174-1 State	\$1,878,000	\$1,881,000	\$3,759,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,074,000	\$1,084,000	\$2,158,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

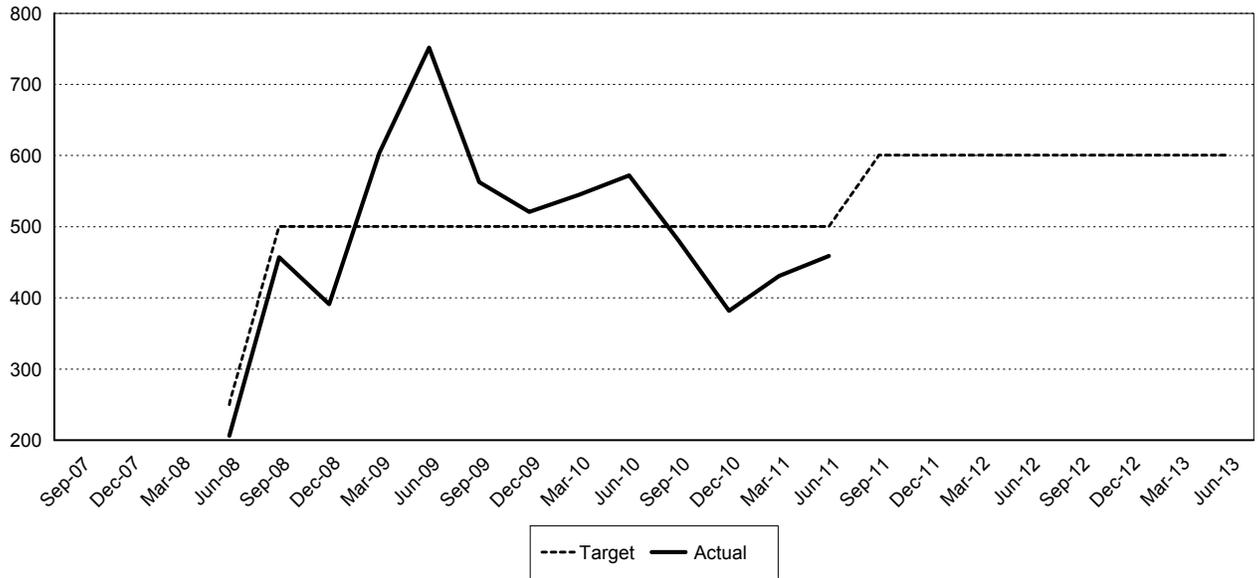
**Expected Results**

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.

<b>001296 Number of Ecology-funded small business technical assistance visits conducted by local government.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		600
	Q7		600
	Q6		600
	Q5		600
	Q4		600
	Q3		600
	Q2		600
	Q1		600
2009-11	Q8	459	500
	Q7	431	500
	Q6	382	500
	Q5	480	500
	Q4	572	500
	Q3	545	500
	Q2	521	500
	Q1	563	500
2007-09	Q8	752	500
	Q7	604	500
	Q6	391	500
	Q5	457	500
	Q4	206	250
	Q3		
	Q2		
	Q1		

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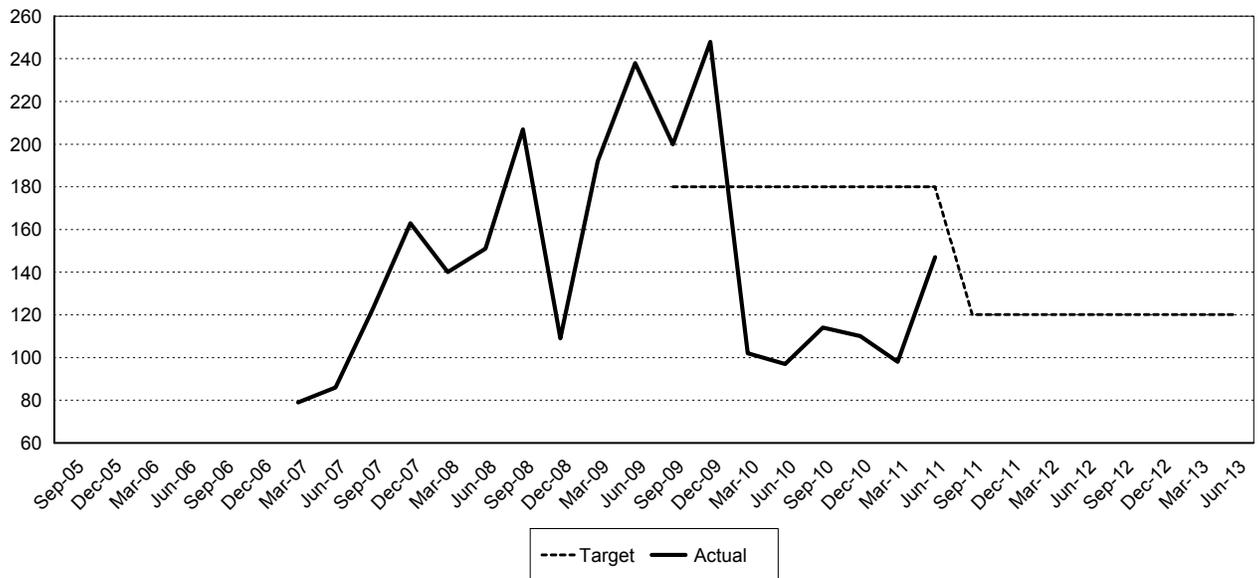
**Number 001296 - Number of Ecology-funded small business technical assistance visits conducted by local government**



001295 Number of toxics-related technical assistance visits.			
Biennium	Period	Actual	Target
2011-13	Q8		120
	Q7		120
	Q6		120
	Q5		120
	Q4		120
	Q3		120
	Q2		120
	Q1		120
2009-11	Q8	147	180
	Q7	98	180
	Q6	110	180
	Q5	114	180
	Q4	97	180
	Q3	102	180
	Q2	248	180
	Q1	200	180
2007-09	Q8	238	
	Q7	192	
	Q6	109	
	Q5	207	
	Q4	151	
	Q3	140	
	Q2	163	
	Q1	123	

Number

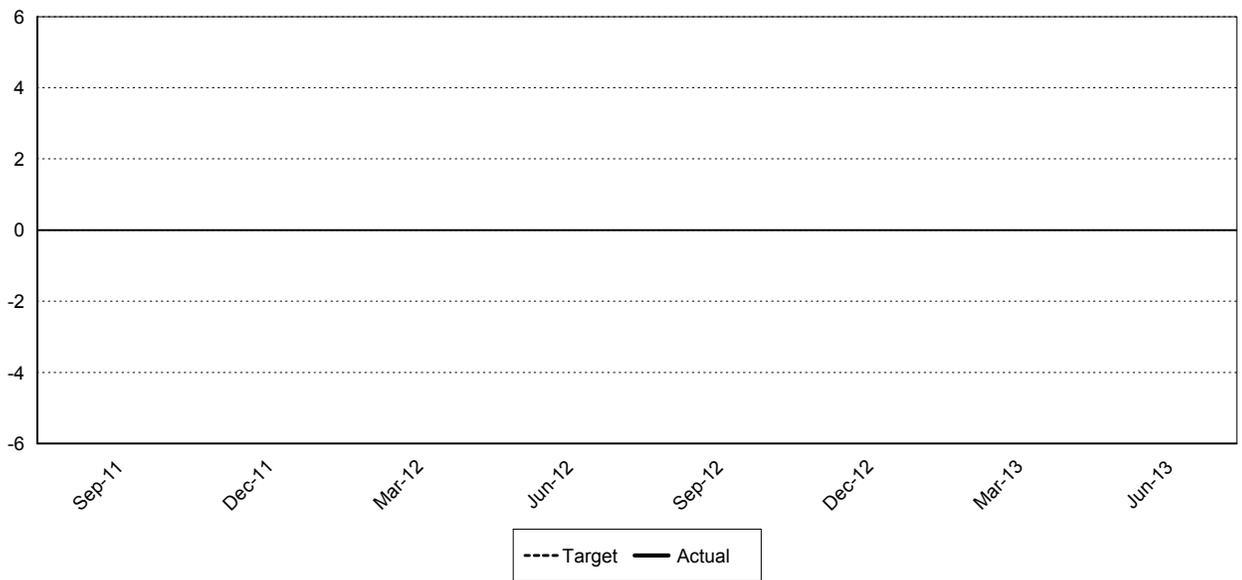
001295 - Number of toxics-related technical assistance visits



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



**A023 Manage Underground Storage Tanks to Minimize Releases**

Ecology currently regulates over 10,000 active tanks on over 3,600 different properties, including gas stations, industries, commercial properties, and governmental entities. We ensure tanks are installed, managed, and monitored according to federal standards and in a way 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 of dollars in cleanup costs and prevents contamination of limited drinking water and other groundwater resources.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	22.5	22.5	22.5
<b>001 General Fund</b>			
001-2 Federal	\$838,000	\$834,000	\$1,672,000
<b>182 Underground Storage Tank Account</b>			
182-1 State	\$1,368,000	\$1,382,000	\$2,750,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

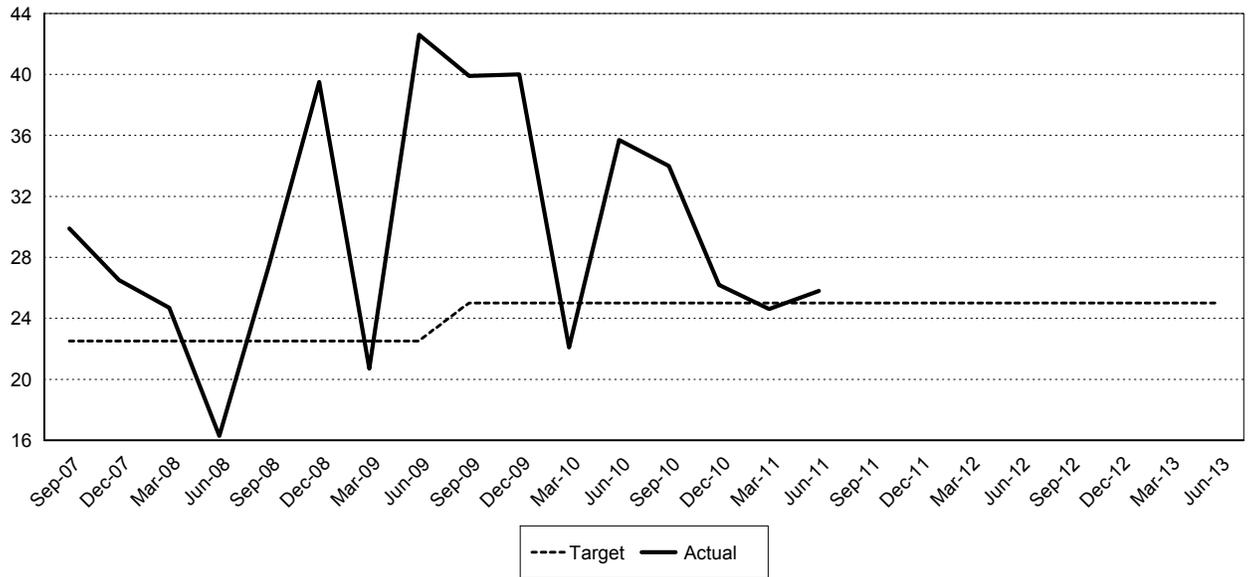
Underground storage tanks are properly installed, monitored, or decommissioned to minimize the release of oil, gas, and other toxic materials into drinking water and other underground water sources. Decreased number of reported releases from underground storage tanks over time. Increased number of leaking underground storage sites where cleanup actions are completed. Increased percentage of underground storage tanks inspected that pass compliance for leak detection.

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<b>001505 Average number of underground storage tank inspections completed per inspector.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		25
	Q7		25
	Q6		25
	Q5		25
	Q4		25
	Q3		25
	Q2		25
	Q1		25
2009-11	Q8	25.8	25
	Q7	24.6	25
	Q6	26.2	25
	Q5	34	25
	Q4	35.7	25
	Q3	22.1	25
	Q2	40	25
	Q1	39.9	25
2007-09	Q8	42.6	22.5
	Q7	20.7	22.5
	Q6	39.5	22.5
	Q5	27.5	22.5
	Q4	16.3	22.5
	Q3	24.7	22.5
	Q2	26.5	22.5
	Q1	29.9	22.5

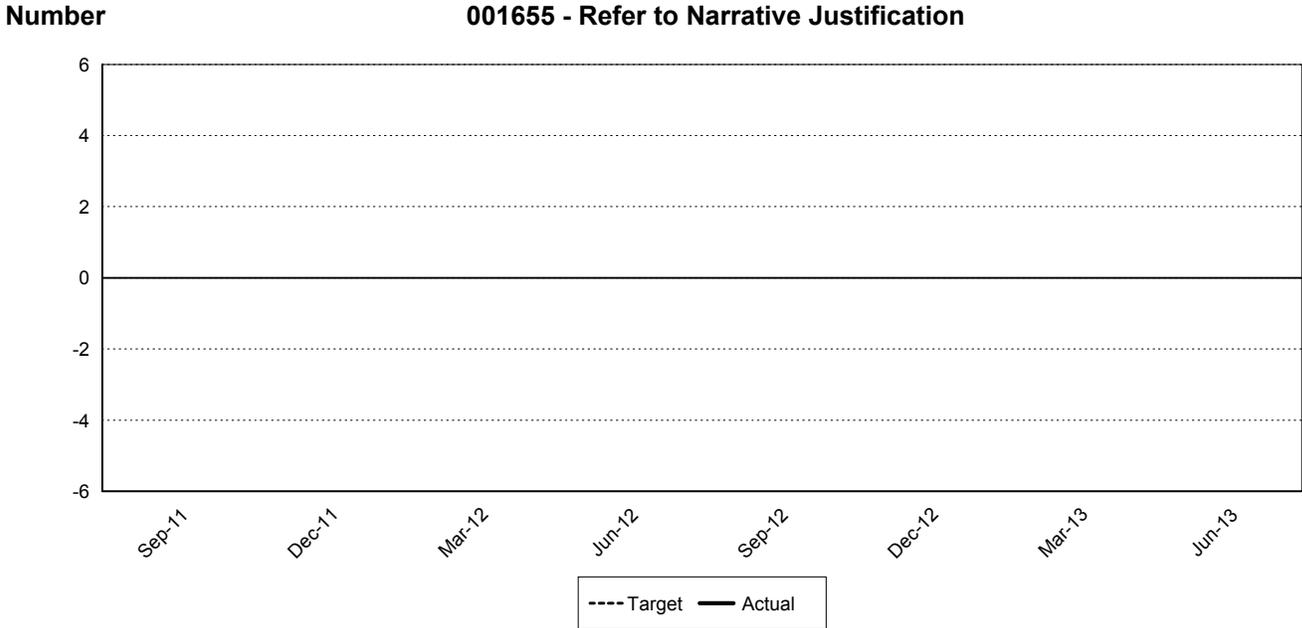
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**A024 Manage Water Rights**

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 2012	FY 2013	Biennial Total
<b>FTE</b>	60.4	60.2	60.3
<b>001 General Fund</b>			
001-1 State	\$5,762,000	\$5,702,000	\$11,464,000
001-7 Private/Local	\$1,496,000	\$1,496,000	\$2,992,000
<b>001 Account Total</b>	<b>\$7,258,000</b>	<b>\$7,198,000</b>	<b>\$14,456,000</b>
<b>16V Water Rights Processing Account</b>			
16V-1 State	\$68,000	\$68,000	\$136,000

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

**Statewide Strategy: Achieve sustainable use of public natural resources**

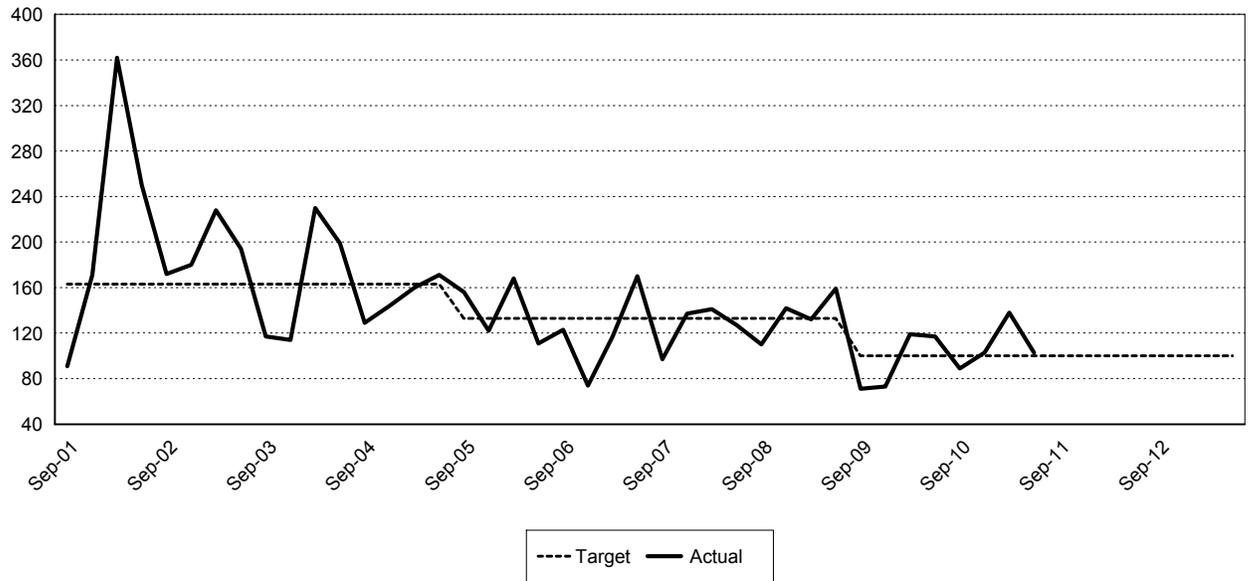
**Expected Results**

*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

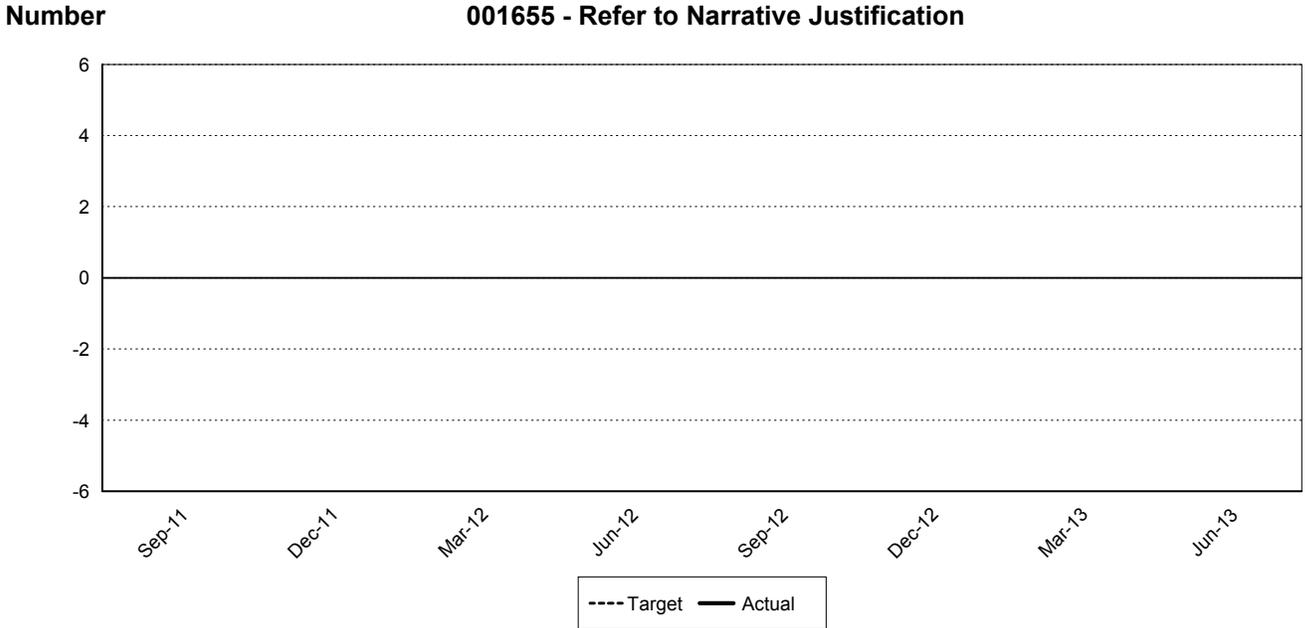
Improved allocation of new water rights and changes to existing rights through sound and timely permit decision-making. New municipal water right provisions are implemented with the Department of Health. Water needs are met and existing water users and the environment are protected. Timely and sound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

<b>001577 Number of water right decisions completed.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		100
	Q7		100
	Q6		100
	Q5		100
	Q4		100
	Q3		100
	Q2		100
	Q1		100
2009-11	Q8	103	100
	Q7	138	100
	Q6	103	100
	Q5	89	100
	Q4	117	100
	Q3	119	100
	Q2	73	100
	Q1	71	100
2007-09	Q8	159	133
	Q7	132	133
	Q6	142	133
	Q5	110	133
	Q4	127	133
	Q3	141	133
	Q2	137	133
	Q1	97	133

**Number** **001577 - Number of total water right decisions**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**A025 Measure Air Pollution Levels and Emissions**

To make sound air quality management decisions, Ecology needs reliable information on the amount and sources of pollution and how it moves in the air. The agency uses three primary activities to collect this data: (1) Air quality monitoring (assessing trends; focused compliance; and assessing control strategies, health effects, and environmental damage); (2) emission inventory development (quantifying pollution released by sources of air pollution); and (3) meteorological and dispersion modeling forecasts (movement and concentration of air pollutants, carrying capacity of airsheds, interactions of pollutants, and point of maximum impact of pollution).

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	26.2	26.2	26.2
<b>001 General Fund</b>			
001-1 State	\$1,899,000	\$1,819,000	\$3,718,000
001-2 Federal	\$1,580,000	\$1,539,000	\$3,119,000
001-7 Private/Local	\$165,000	\$165,000	\$330,000
<b>001 Account Total</b>	<b>\$3,644,000</b>	<b>\$3,523,000</b>	<b>\$7,167,000</b>

**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**

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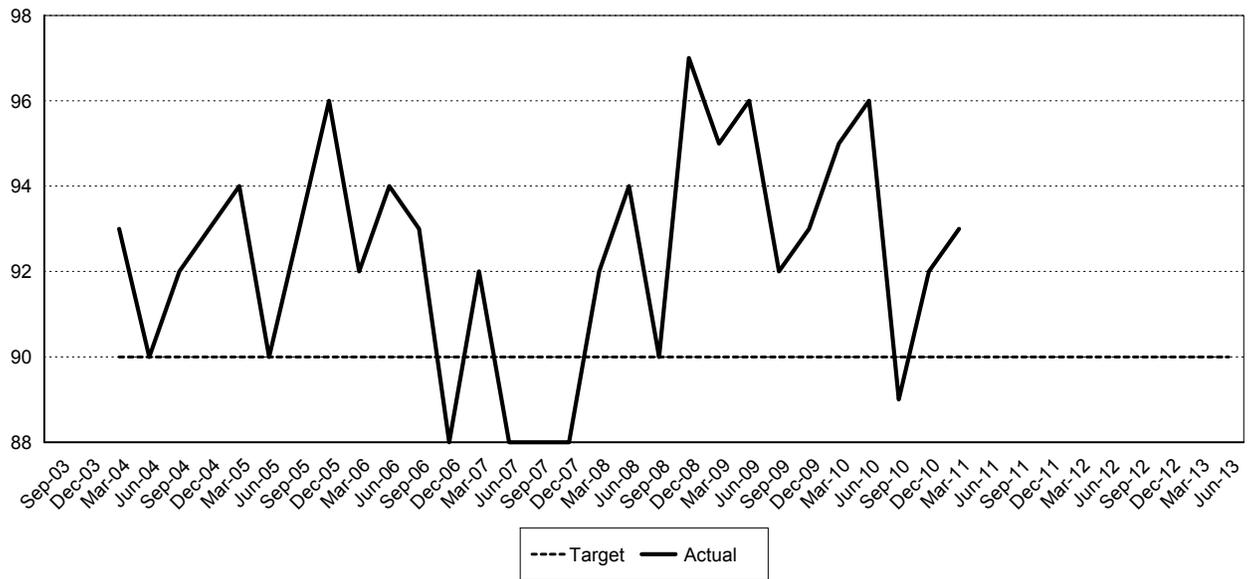
Comprehensive, high-quality air quality data are gathered, maintained, and evaluated over time to ensure informed policy decisions. The federally -required monitoring network review and monitoring site modifications are conducted to meet state and federal air quality needs. Adequate data are available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

<b>000997 Percent of monitoring data that is valid.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3		90%
	Q2		90%
	Q1		90%
2009-11	Q8		90%
	Q7	93%	90%
	Q6	92%	90%
	Q5	89%	90%
	Q4	96%	90%
	Q3	95%	90%
	Q2	93%	90%
	Q1	92%	90%
2007-09	Q8	96%	90%
	Q7	95%	90%
	Q6	97%	90%
	Q5	90%	90%
	Q4	94%	90%
	Q3	92%	90%
	Q2	88%	90%
	Q1	88%	90%

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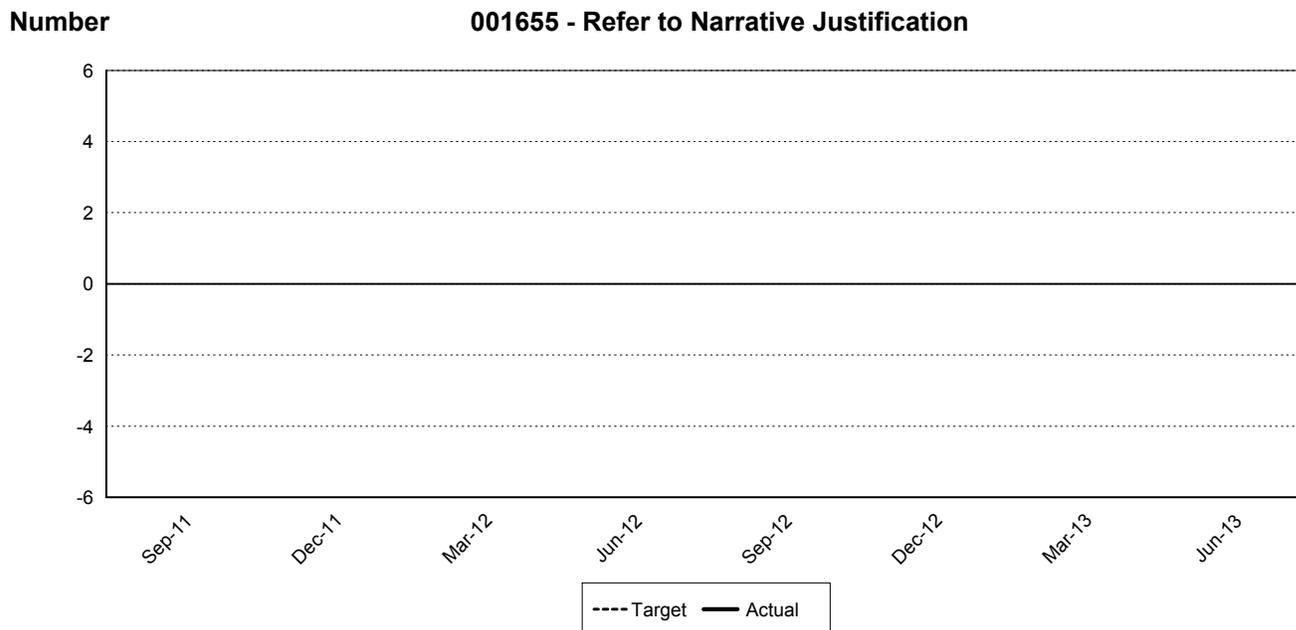
Percent

000997 - Percent of monitoring data that is valid



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**A026 Measure Contaminants in the Environment by Performing Laboratory Analyses**

The Manchester Environmental Laboratory is a full-service environmental laboratory. The lab provides technical, analytical, and sampling support for chemistry and microbiology for multiple Ecology programs, and supports work conducted under the federal Clean Water Act, as well as the state Water Pollution Control, Puget Sound Water Quality Protection, and Model Toxics Control Acts.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	28.6	28.6	28.6
<b>001 General Fund</b>			
001-1 State	\$974,000	\$774,000	\$1,748,000
001-7 Private/Local	\$146,000	\$164,000	\$310,000
<b>001 Account Total</b>	<b>\$1,120,000</b>	<b>\$938,000</b>	<b>\$2,058,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$603,000	\$786,000	\$1,389,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$50,000	\$50,000	\$100,000

**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**

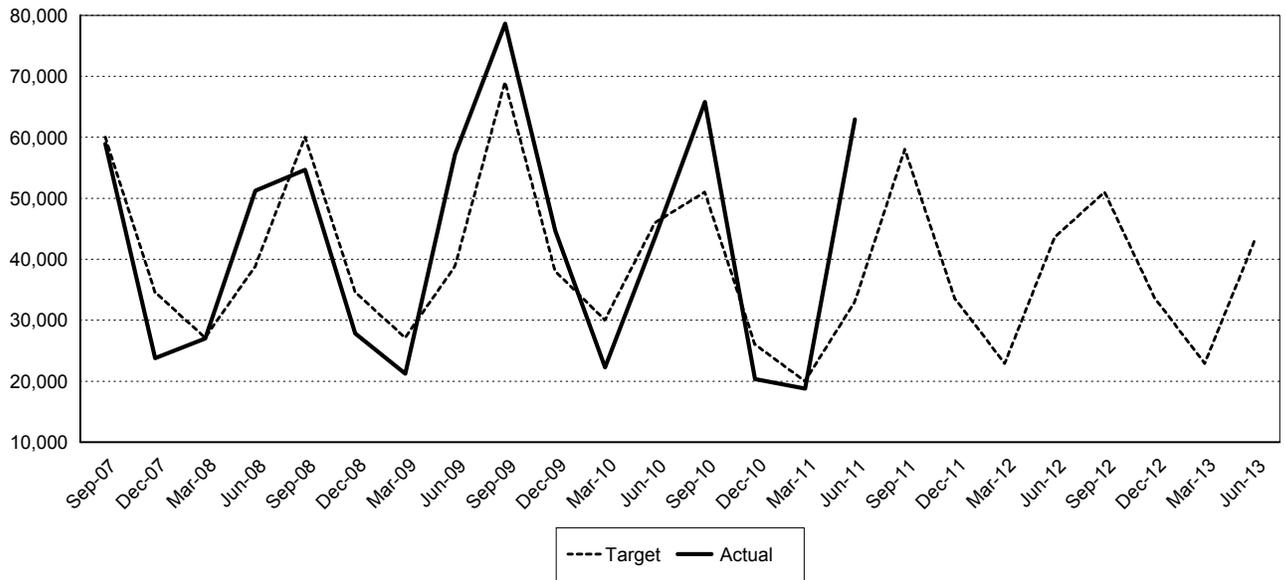
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

Ecology’s full-service environmental testing laboratory provides defensible and accurate analytical and laboratory support to decision makers. Scientifically sound laboratory results are provided to clients for making environmental decisions.

<b>001164 Number of chemical analyses completed for clients by Ecology's Manchester Environmental Laboratory.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		43,050
	Q7		22,890
	Q6		33,600
	Q5		51,000
	Q4		43,630
	Q3		22,910
	Q2		33,500
	Q1		58,000
2009-11	Q8	62,927	33,000
	Q7	18,763	20,000
	Q6	20,362	26,000
	Q5	65,811	51,000
	Q4	43,651	46,000
	Q3	22,275	30,000
	Q2	44,676	38,000
	Q1	78,636	69,000
2007-09	Q8	57,215	38,800
	Q7	21,202	27,100
	Q6	27,815	34,600
	Q5	54,668	60,000
	Q4	51,226	38,800
	Q3	26,983	27,100
	Q2	23,777	34,600
	Q1	58,952	60,000

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

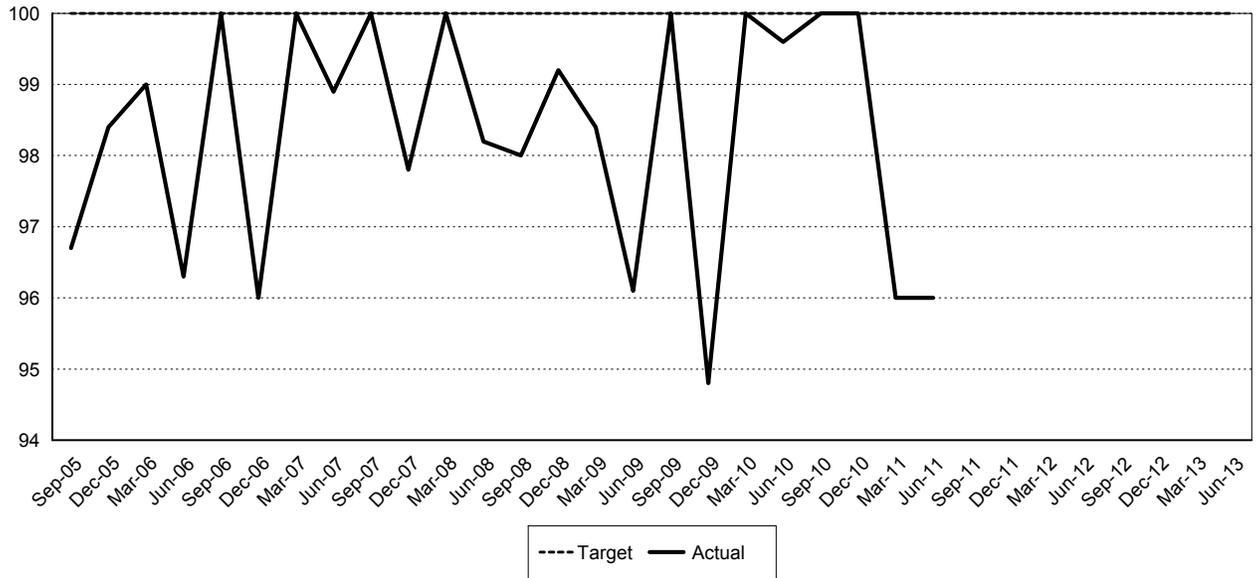


Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

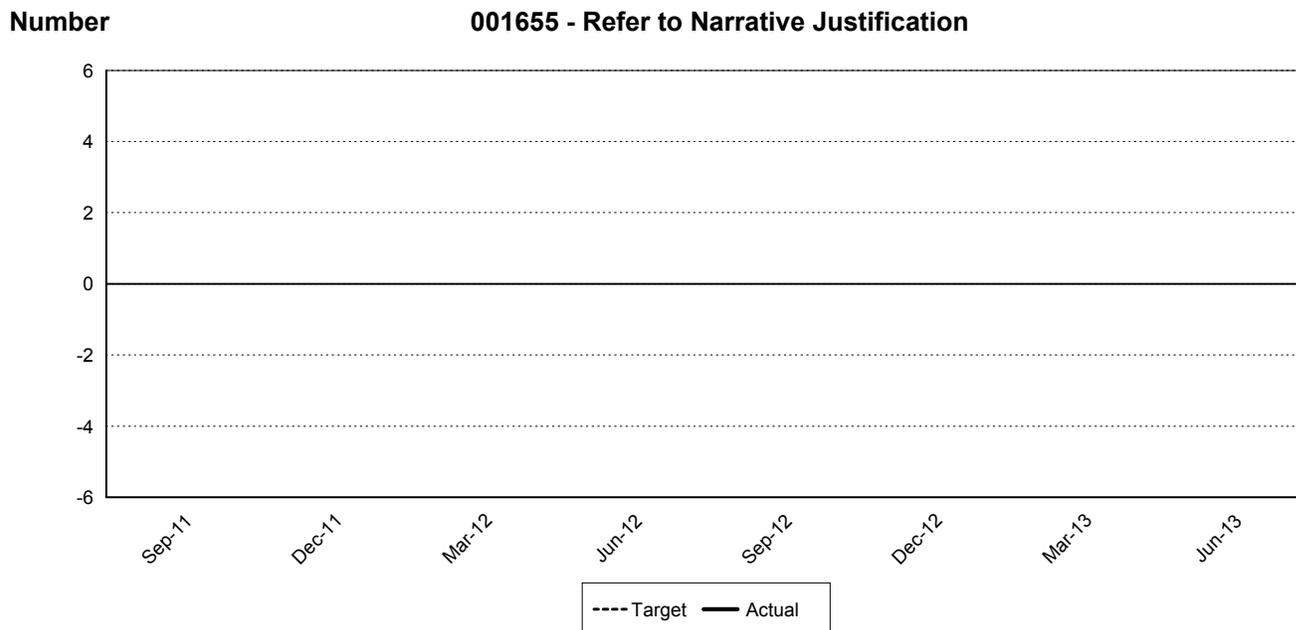
<b>001160 Percent of acceptable performance testing analyses completed by Ecology's Manchester Environmental Laboratory.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3		100%
	Q2		100%
	Q1		100%
2009-11	Q8	96%	100%
	Q7	96%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	99.6%	100%
	Q3	100%	100%
	Q2	94.8%	100%
	Q1	100%	100%
2007-09	Q8	96.1%	100%
	Q7	98.4%	100%
	Q6	99.2%	100%
	Q5	98%	100%
	Q4	98.2%	100%
	Q3	100%	100%
	Q2	97.8%	100%
	Q1	100%	100%

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



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

Ecology operates a statewide environmental monitoring network to assess the status of major waterbodies, identify threatened or impaired waters, and evaluate changes and trends in water quality over time. This network includes sampling stations in rivers, streams, and in-shore marine waters (Puget Sound and the major coastal estuaries). Ecology also measures stream flows in salmon-critical basins and key watersheds statewide, and posts the results in near real-time on our Web site.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	49.3	48.5	48.9
<b>222 Freshwater Aquatic Weeds Account</b>			
222-1 State	\$118,000	\$118,000	\$236,000
<b>001 General Fund</b>			
001-1 State	\$2,356,000	\$2,317,000	\$4,673,000
001-2 Federal	\$1,820,000	\$1,821,000	\$3,641,000
001-7 Private/Local	\$19,000	\$0	\$19,000
<b>001 Account Total</b>	<b>\$4,195,000</b>	<b>\$4,138,000</b>	<b>\$8,333,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,855,000	\$1,856,000	\$3,711,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$40,000	\$40,000	\$80,000

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**

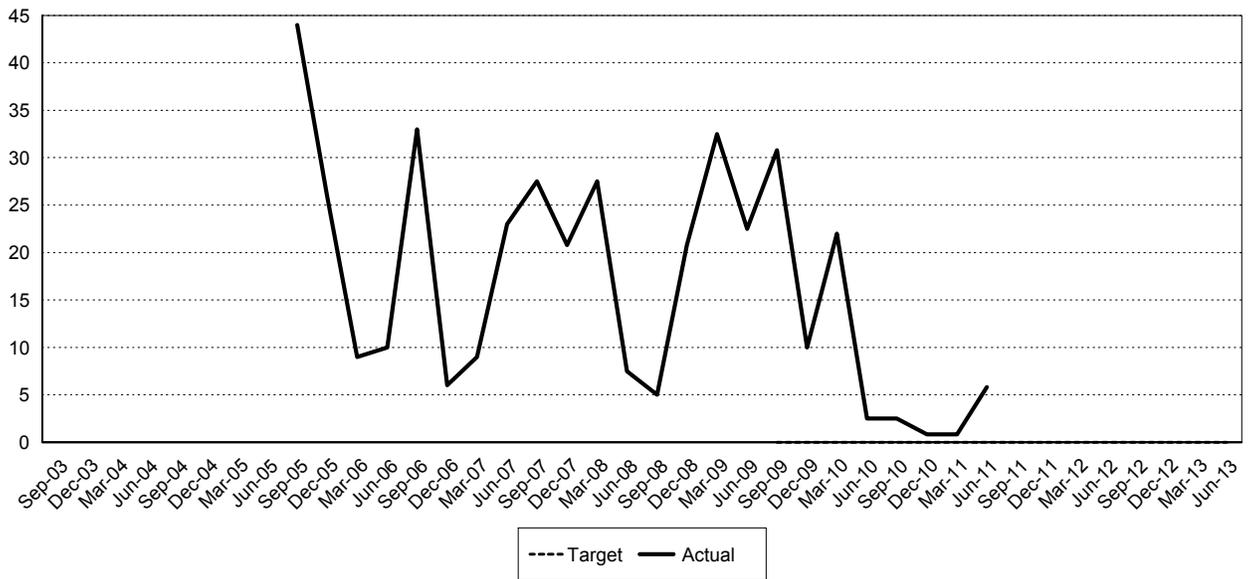
**Expected Results**

Trends, conditions, and changes in water quality of major freshwater rivers, Puget Sound, and the largest coastal estuaries are tracked. Monthly samples from approximately 82 freshwater and 35 marine water sites are collected. Stream flows at approximately 62 near real-time stations are measured and reported. Real-time stream flow data is provided via the Web. Ecology staff and the public are alerted to emerging water quality problems. The effectiveness of water cleanup activities is tracked and assessed.

<b>001155 Percent of monitored stream flows below critical flow levels.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		0%
	Q7		0%
	Q6		0%
	Q5		0%
	Q4		0%
	Q3		0%
	Q2		0%
	Q1		0%
2009-11	Q8	5.83%	0%
	Q7	0.83%	0%
	Q6	0.83%	0%
	Q5	2.5%	0%
	Q4	2.5%	0%
	Q3	22%	0%
	Q2	10%	0%
	Q1	30.8%	0%
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%	

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

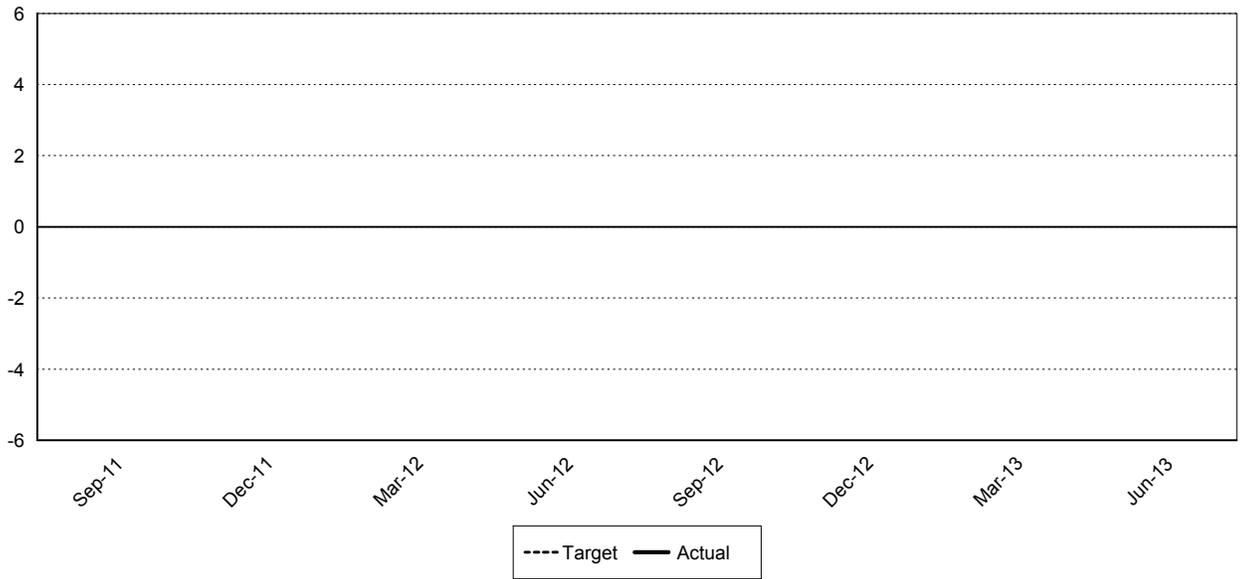


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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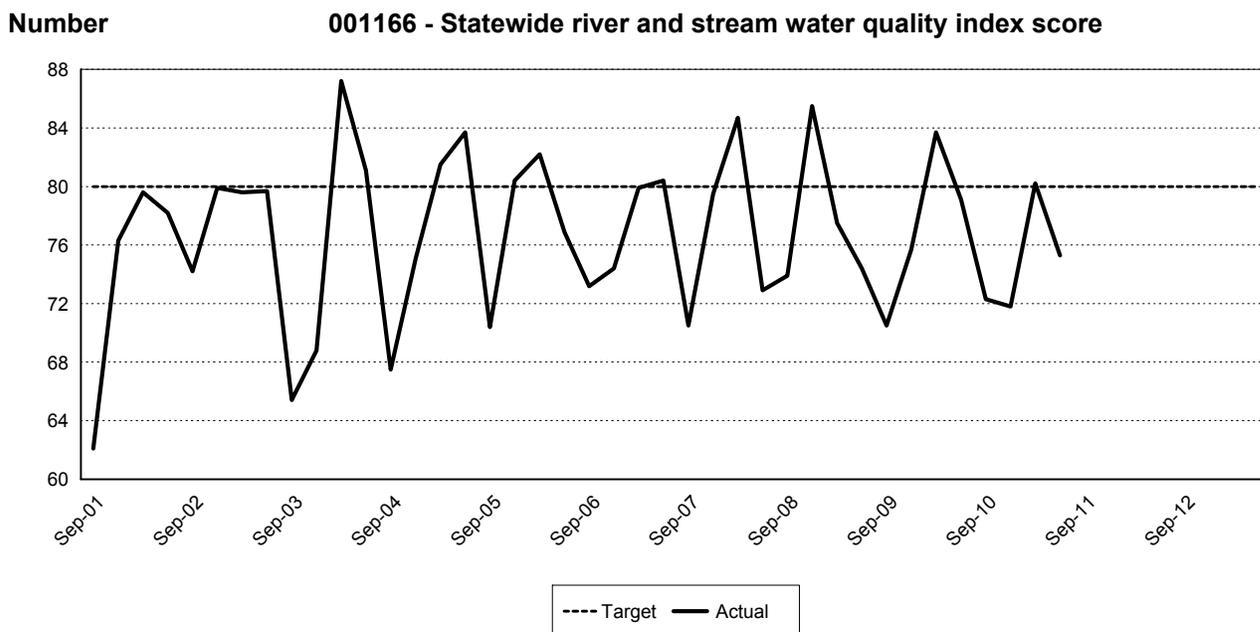
Number

001655 - Refer to Narrative Justification



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<b>001166 Statewide river and stream water quality index score.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		80
	Q7		80
	Q6		80
	Q5		80
	Q4		80
	Q3		80
	Q2		80
	Q1		80
2009-11	Q8	75.3	80
	Q7	80.2	80
	Q6	71.8	80
	Q5	72.3	80
	Q4	79.1	80
	Q3	83.7	80
	Q2	75.7	80
	Q1	70.5	80
2007-09	Q8	74.4	80
	Q7	77.5	80
	Q6	85.5	80
	Q5	73.9	80
	Q4	72.9	80
	Q3	84.7	80
	Q2	79.5	80
	Q1	70.5	80



**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)

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	17.2	17.2	17.2
<b>219 Air Operating Permit Account</b>			
219-1 State	\$430,000	\$440,000	\$870,000
<b>001 General Fund</b>			
001-1 State	\$77,000	\$78,000	\$155,000
001-7 Private/Local	\$25,000	\$25,000	\$50,000
<b>001 Account Total</b>	<b>\$102,000</b>	<b>\$103,000</b>	<b>\$205,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$419,000	\$406,000	\$825,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$878,000	\$895,000	\$1,773,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

### **Expected Results**

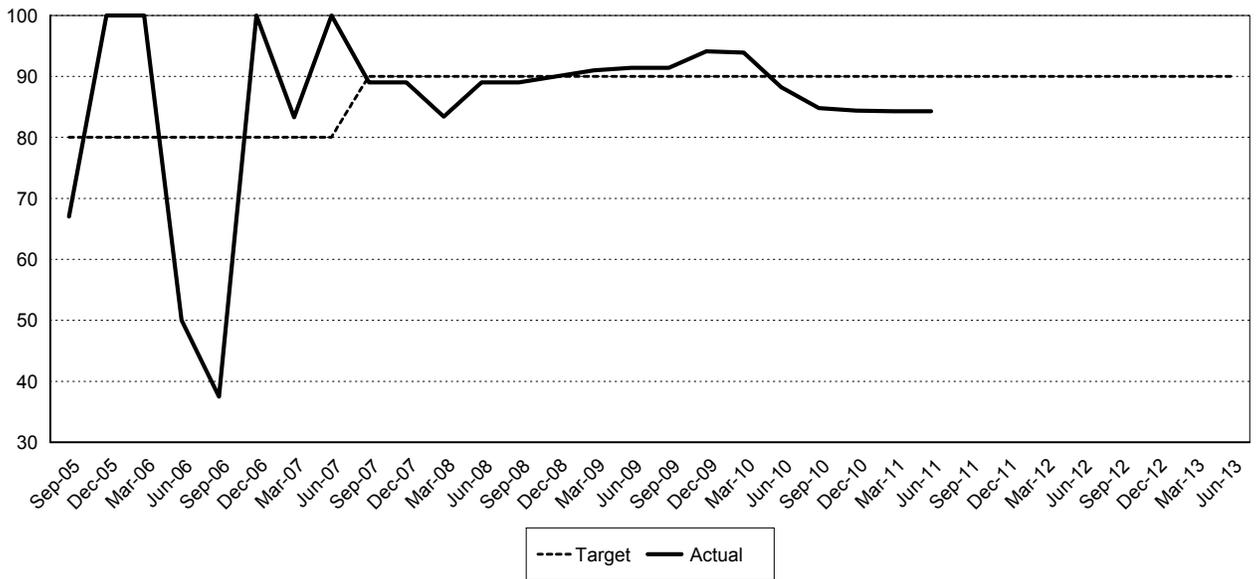
Pulp and paper facilities, oil refineries, and aluminum smelters have an improved compliance rate with environmental standards through one-stop environmental permitting, compliance, and technical assistance. Assurance that at least 90 percent permits are up to date at all times. Plant permits comply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

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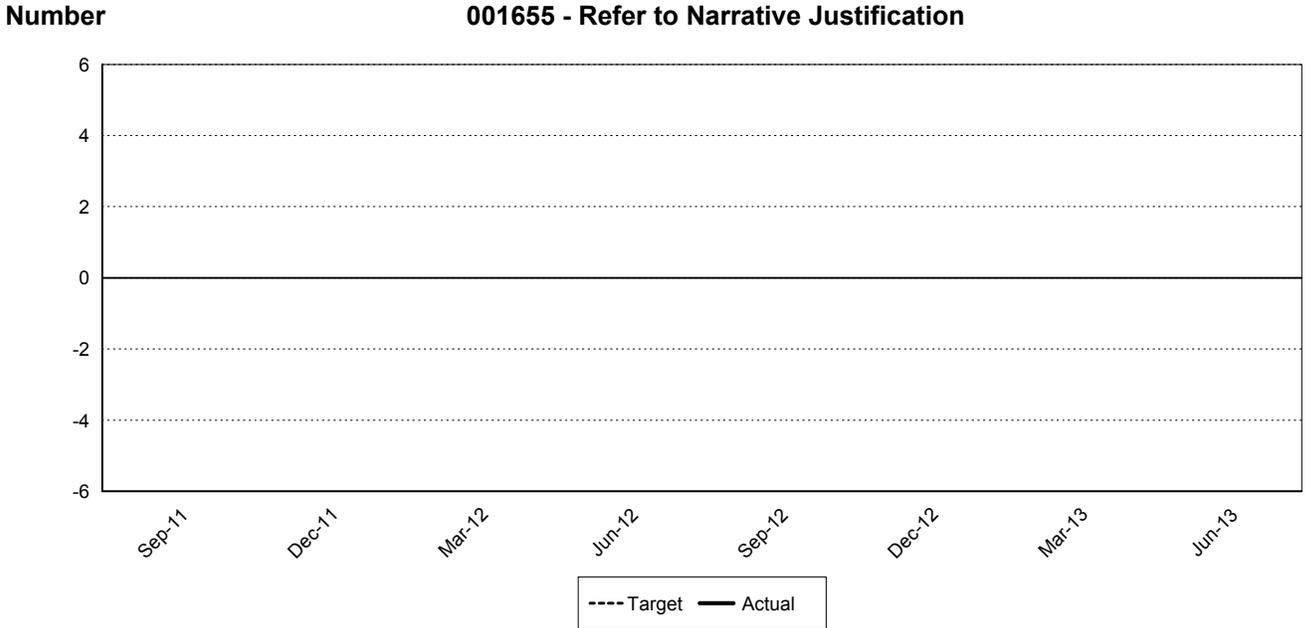
<b>001487 Percent of industrial section permit actions that meet the agency timeliness goals.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3		90%
	Q2		90%
	Q1		90%
2009-11	Q8	84.3%	90%
	Q7	84.3%	90%
	Q6	84.4%	90%
	Q5	84.8%	90%
	Q4	88.24%	90%
	Q3	93.9%	90%
	Q2	94.1%	90%
	Q1	91.4%	90%
2007-09	Q8	91.4%	90%
	Q7	91%	90%
	Q6	90%	90%
	Q5	89%	90%
	Q4	89%	90%
	Q3	83.4%	90%
	Q2	89%	90%
	Q1	89%	90%

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**Percent 001487 - Percent of industrial section permits that meet timeliness goals**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**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 2012	FY 2013	Biennial Total
<b>032 State Emergency Water Projects Revolving Account</b>			
032-1 State	\$135,000	\$135,000	\$270,000
<b>05W State Drought Preparedness Account</b>			
05W-1 State	\$59,000	\$59,000	\$118,000

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

**Statewide Strategy: Achieve sustainable use of public natural resources**

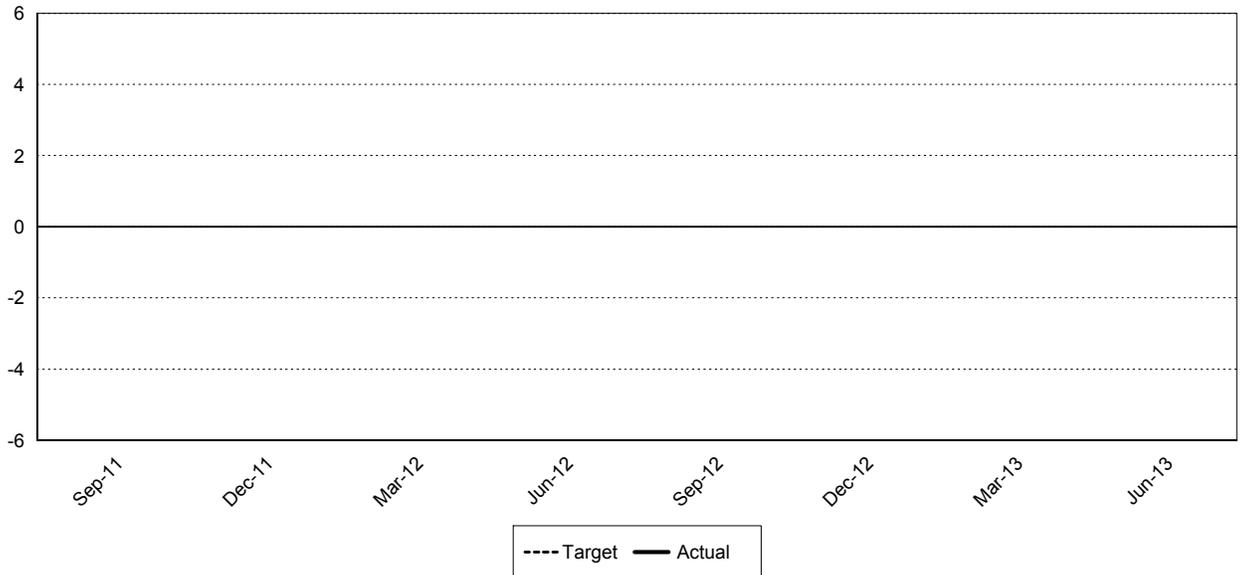
**Expected Results**

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.

001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



**A030 Prepare for Aggressive Response to Oil and Hazardous Material Incidents**

Large commercial vessels and oil handling facilities operators 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 throughout the state. This work is carried out through staff review and approval of contingency plans to ensure plan holders and spill response contractors maintain readiness. Ecology also conducts scheduled and unannounced drills, partners with other agencies to maintain a regional contingency plan that guides how spills are managed in the Northwest, and develops geographic response plans in consultation with other natural resource experts and communities.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	14.2	14.2	14.2
<b>001 General Fund</b>			
001-7 Private/Local	\$56,000	\$56,000	\$112,000
<b>217 Oil Spill Prevention Account</b>			
217-1 State	\$937,000	\$940,000	\$1,877,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$709,000	\$715,000	\$1,424,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

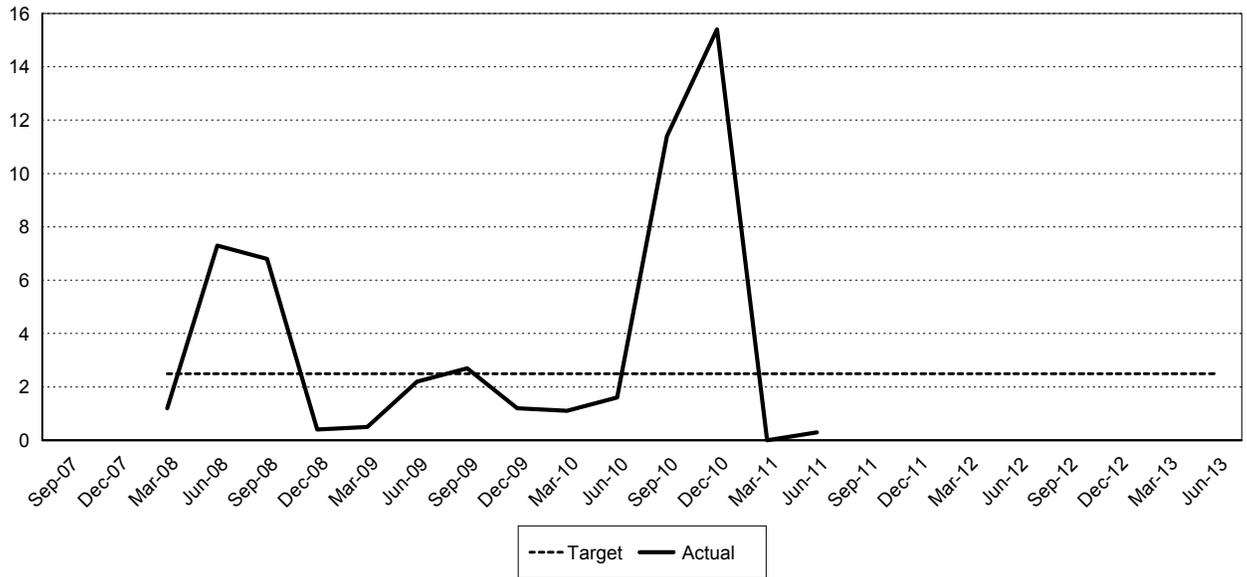
Ecology and the regulated community are fully prepared to promptly respond to oil spills, and damage from spills are minimized. Compliance with the industry sponsored Neah Bay response tug is documented in approved vessel contingency plans. Four Geographic Response Plan chapters are updated. The ongoing 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.

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<b>001481 Percent of industry-owned and privately-owned response equipment inspected, deployed, and/or verified.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		2.5%
	Q7		2.5%
	Q6		2.5%
	Q5		2.5%
	Q4		2.5%
	Q3		2.5%
	Q2		2.5%
	Q1		2.5%
2009-11	Q8	0.3%	2.5%
	Q7	0%	2.5%
	Q6	15.4%	2.5%
	Q5	11.4%	2.5%
	Q4	1.6%	2.5%
	Q3	1.1%	2.5%
	Q2	1.2%	2.5%
	Q1	2.7%	2.5%
2007-09	Q8	2.2%	2.5%
	Q7	0.5%	2.5%
	Q6	0.4%	2.5%
	Q5	6.8%	2.5%
	Q4	7.3%	2.5%
	Q3	1.2%	2.5%
	Q2		
	Q1		

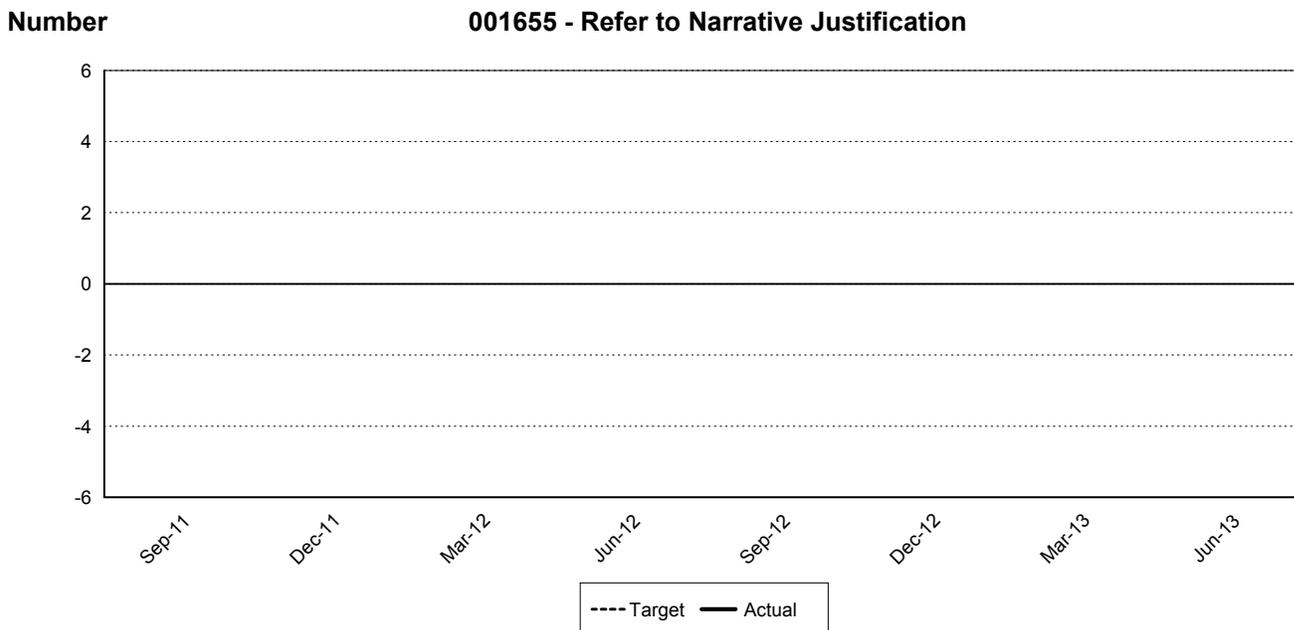
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**Percent 001481 - Percent of response equipment inspected, deployed and/or verified**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	17.8	17.8	17.8
<b>001 General Fund</b>			
001-2 Federal	\$325,000	\$229,000	\$554,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,838,000	\$1,922,000	\$3,760,000

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

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

**Expected Results**

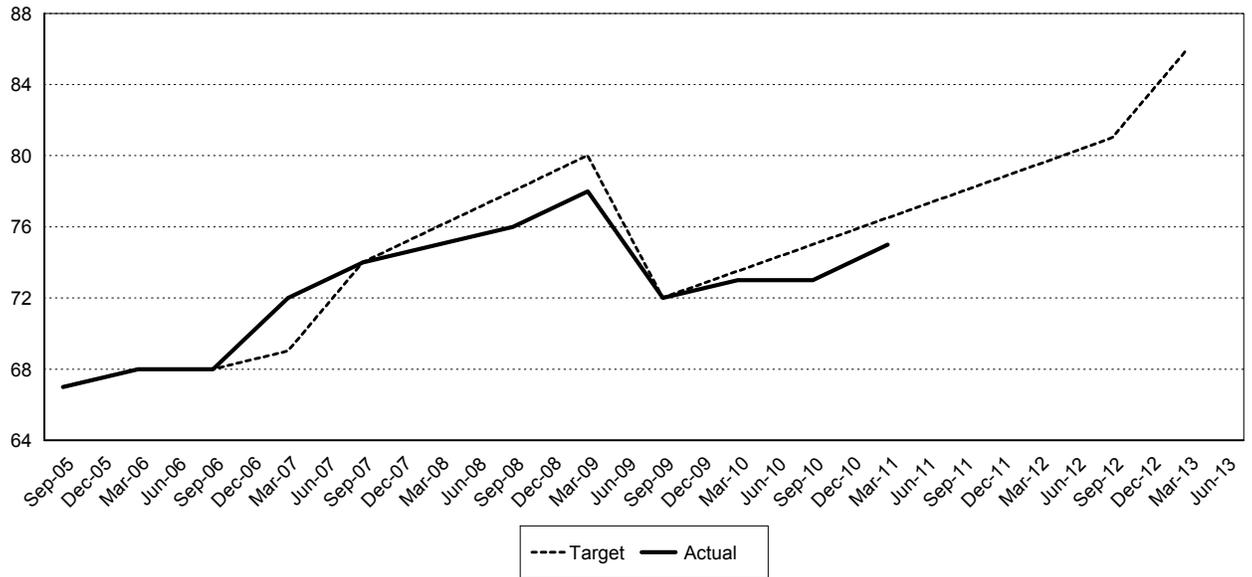
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Facilities that treat, store, or dispose of hazardous wastes are constructed and operating properly to prevent soil, water, or air contamination. Protective permits for facilities that treat, store, or dispose of hazardous wastes are issued in a timely 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.

<b>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.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		86%
	Q6		
	Q5		81%
	Q4		
	Q3		79.5%
	Q2		
	Q1		78%
2009-11	Q8		
	Q7	75%	76.5%
	Q6		
	Q5	73%	75%
	Q4		
	Q3	73%	73.5%
	Q2		
	Q1	72%	72%
2007-09	Q8		
	Q7	78%	80%
	Q6		
	Q5	76%	78%
	Q4		
	Q3	75%	76%
	Q2		
	Q1	74%	74%

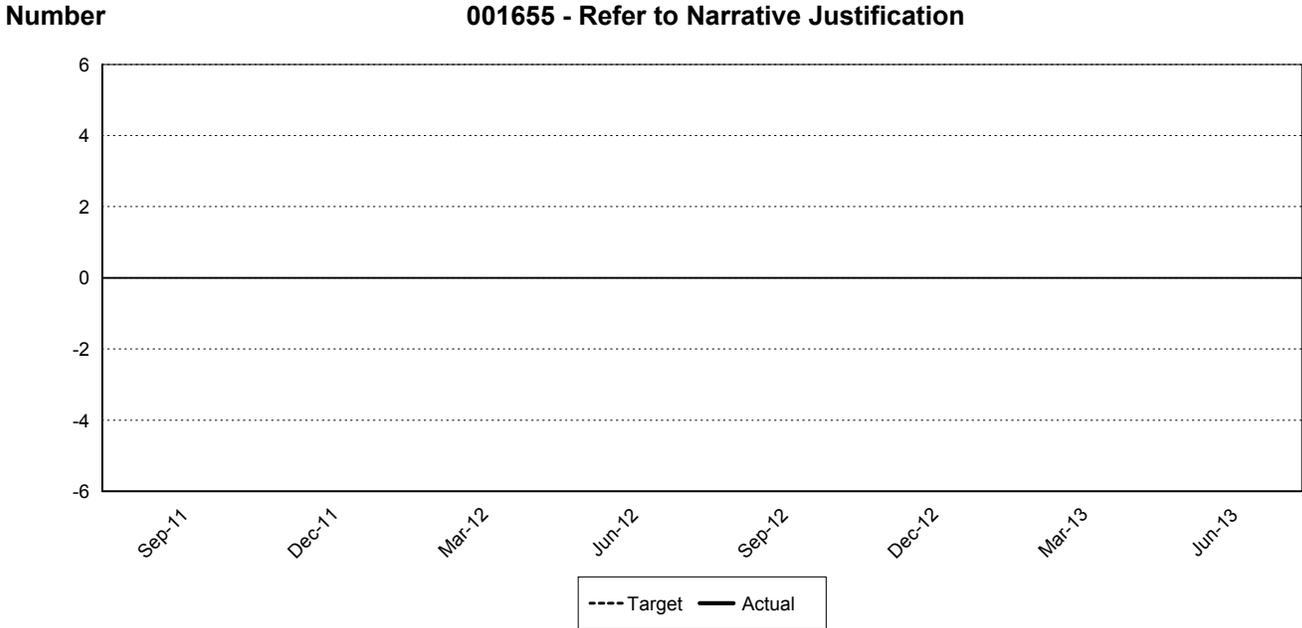
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**Percent 001285 - Percent progress toward formal corrective action activities**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**A032 Prevent Point Source Water Pollution**

Ecology 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, designed to ensure 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 2012	FY 2013	Biennial Total
<b>FTE</b>	92.3	90.2	91.3
<b>001 General Fund</b>			
001-1 State	\$44,000	\$57,000	\$101,000
001-2 Federal	\$460,000	\$449,000	\$909,000
001-7 Private/Local	\$449,000	\$456,000	\$905,000
<b>001 Account Total</b>	<b>\$953,000</b>	<b>\$962,000</b>	<b>\$1,915,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$443,000	\$420,000	\$863,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$8,158,000	\$8,068,000	\$16,226,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

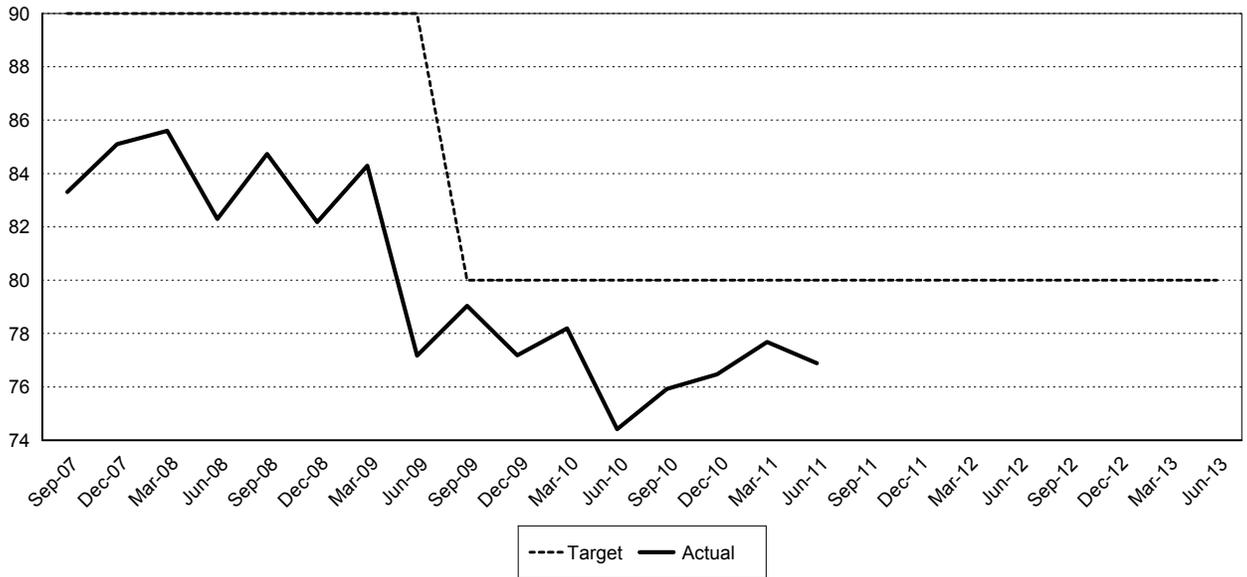
**Expected Results**

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).

<b>001563 Percent of active water quality discharge permits (national pollutant discharge elimination system permits) that are up to date.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		80%
	Q7		80%
	Q6		80%
	Q5		80%
	Q4		80%
	Q3		80%
	Q2		80%
	Q1		80%
2009-11	Q8	76.89%	80%
	Q7	77.69%	80%
	Q6	76.47%	80%
	Q5	75.92%	80%
	Q4	74.41%	80%
	Q3	78.19%	80%
	Q2	77.18%	80%
	Q1	79.04%	80%
2007-09	Q8	77.17%	90%
	Q7	84.29%	90%
	Q6	82.18%	90%
	Q5	84.73%	90%
	Q4	82.3%	90%
	Q3	85.6%	90%
	Q2	85.1%	90%
	Q1	83.3%	90%

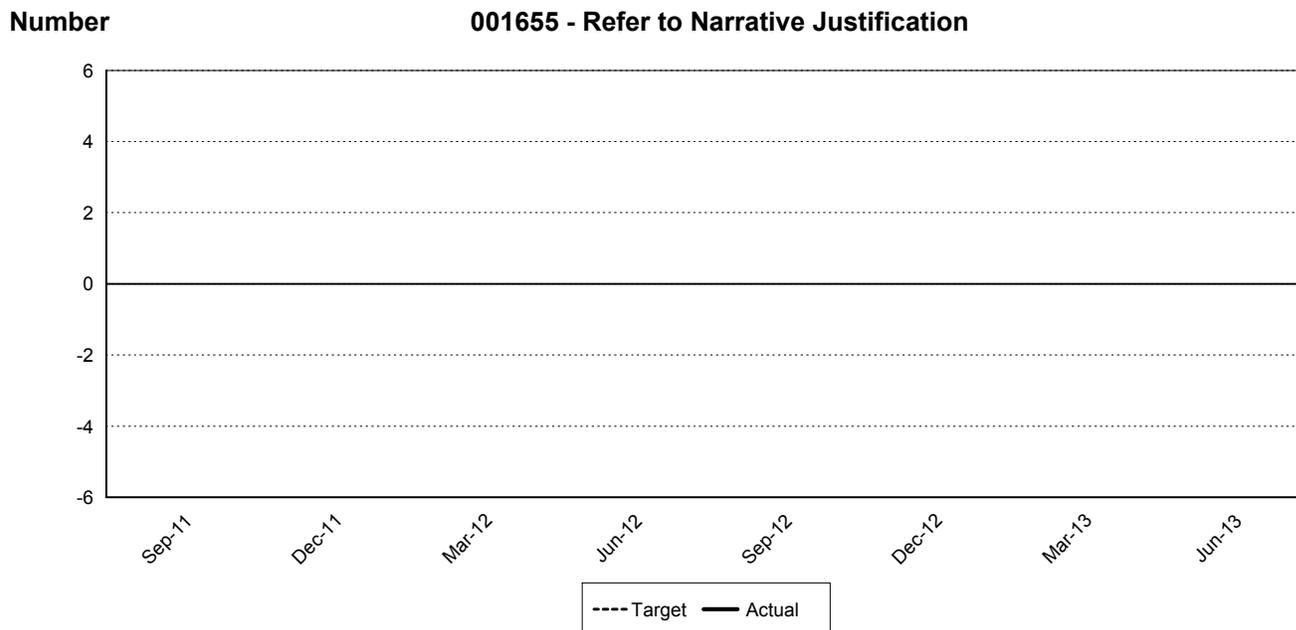
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**Percent 001563 - Percent of water quality discharge permits that are up to date**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**A033 Prevent Oil Spills from Vessels and Oil Handling Facilities**

Ecology and the regulated community are fully prepared to promptly respond to oil spills, and damage from spills are minimized. Compliance with the industry sponsored Neah Bay response tug is documented in approved vessel contingency plans. Four Geographic Response Plan chapters are updated. The ongoing 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.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	23.8	23.8	23.8
<b>001 General Fund</b>			
001-7 Private/Local	\$56,000	\$56,000	\$112,000
<b>217 Oil Spill Prevention Account</b>			
217-1 State	\$1,428,000	\$1,431,000	\$2,859,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,403,000	\$1,403,000	\$2,806,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

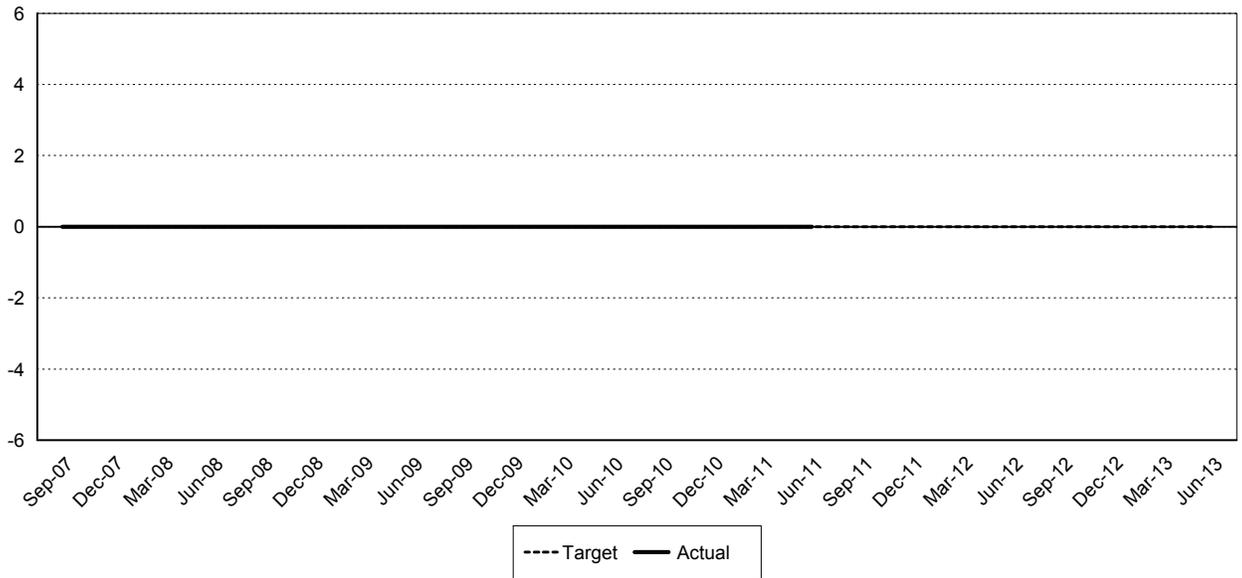
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Strive to achieve zero oil spills from vessels and oil handling facilities. Minimize or prevent spills through risk management, and targeted inspections. Reduced number of oil spills entering surface waters, particularly from marine sources. Reduced total volume of oil entering surface waters to less than one gallon for each 100 million gallons transferred over water. Reduced percentage of vessel and oil transfer accidents resulting in or potentially leading to spills by: (1) Boarding and inspecting targeted high-priority vessels and facility operations; and (2) utilizing the Neah Bay rescue tug to help vessels as needed. Increased tanker and tank barge enrollment in the Exceptional Compliance Program (also known as ECOPRO) focused on improved vessel safety and environmentally secure operations. Reduced incidence of intentional waste oil discharges at sea from vessels.

<b>001479 Gallons of oil spilled during oil transfers for every 100 millions of gallons transferred.</b>				
<b>Biennium</b>	<b>Period</b>	<b>Ratio</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8	/		0
	Q7	/		0
	Q6	/		0
	Q5	/		0
	Q4	/		0
	Q3	/		0
	Q2	/		0
	Q1	/		0
2009-11	Q8	8.66 / 2,900,000,000	0.0	0
	Q7	0.84 / 2,940,000,000	0.0	0
	Q6	6.91 / 2,750,520,889	0.0	0
	Q5	2.54 / 2,708,647,234	0.0	0
	Q4	1.1 / 2,973,393,735	0.0	0
	Q3	3.41 / 3,140,000,000	0.0	0
	Q2	0.29 / 3,400,000,000	0.0	0
	Q1	1.1 / 3,800,000,000	0.0	0
2007-09	Q8	29 / 3,606,392,159	0.0	0
	Q7	46 / 3,560,536,700	0.0	0
	Q6	22 / 3,633,046,067	0.0	0
	Q5	24 / 3,516,031,028	0.0	0
	Q4	39 / 3,813,121,763	0.0	0
	Q3	143 / 3,620,995,679	0.0	0
	Q2	59 / 3,303,699,968	0.0	0
	Q1	483 / 3,916,192,992	0.0	0

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**Number 001479 - Gallons of oil spilled during oil transfer operations for every 100 millions of gallons transferred.**

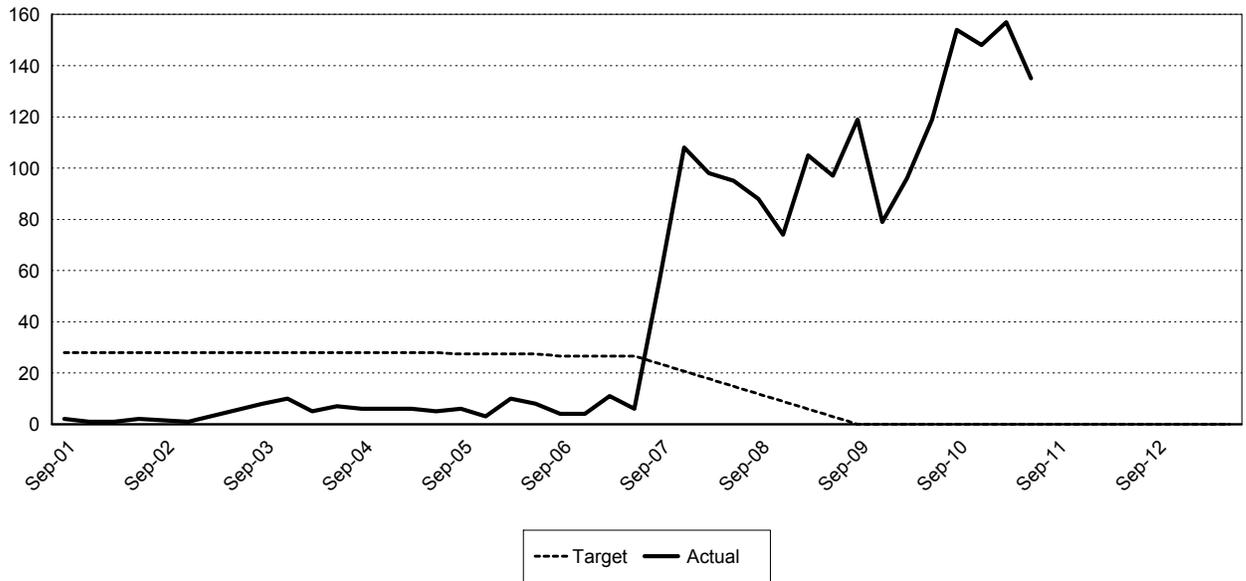


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<b>001469 Number of spills to surface water from all sources.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		0
	Q7		0
	Q6		0
	Q5		0
	Q4		0
	Q3		0
	Q2		0
	Q1		0
2009-11	Q8	135	0
	Q7	157	0
	Q6	148	0
	Q5	154	0
	Q4	119	0
	Q3	96	0
	Q2	79	0
	Q1	119	0
2007-09	Q8	97	
	Q7	105	
	Q6	74	
	Q5	88	
	Q4	95	
	Q3	98	
	Q2	108	
	Q1	56	

Number

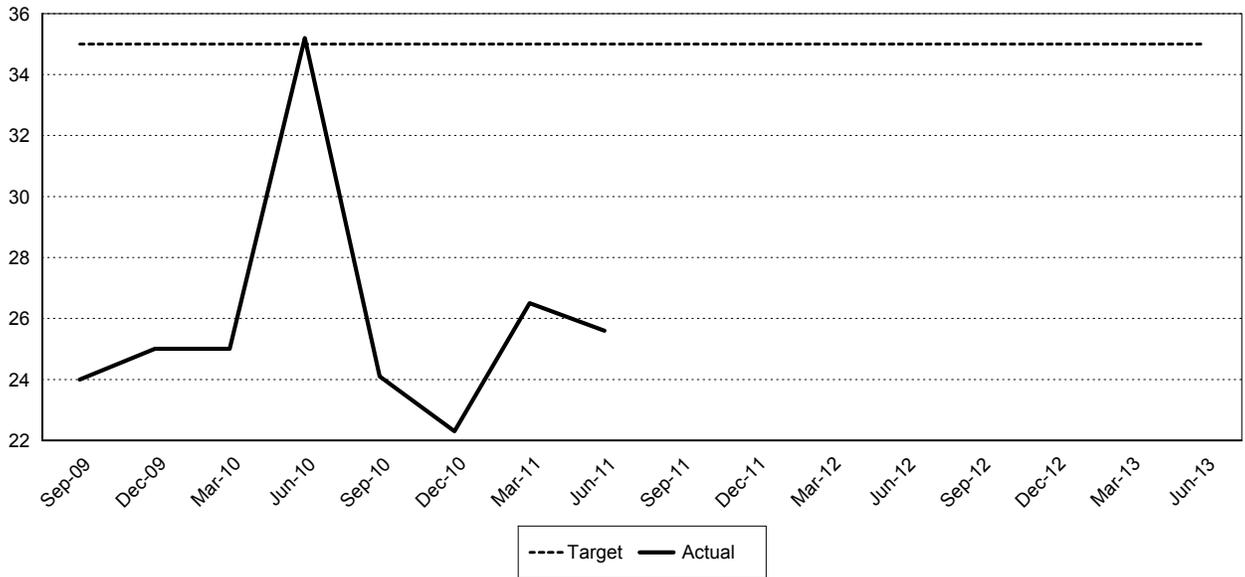
001469 - Number of oil spills that enter surface waters



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001477 Percent of potential high-risk vessels boarded and inspected.			
Biennium	Period	Actual	Target
2011-13	Q8		35%
	Q7		35%
	Q6		35%
	Q5		35%
	Q4		35%
	Q3		35%
	Q2		35%
	Q1		35%
2009-11	Q8	25.6%	35%
	Q7	26.5%	35%
	Q6	22.3%	35%
	Q5	24.1%	35%
	Q4	35.2%	35%
	Q3	25%	35%
	Q2	25%	35%
	Q1	24%	35%

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

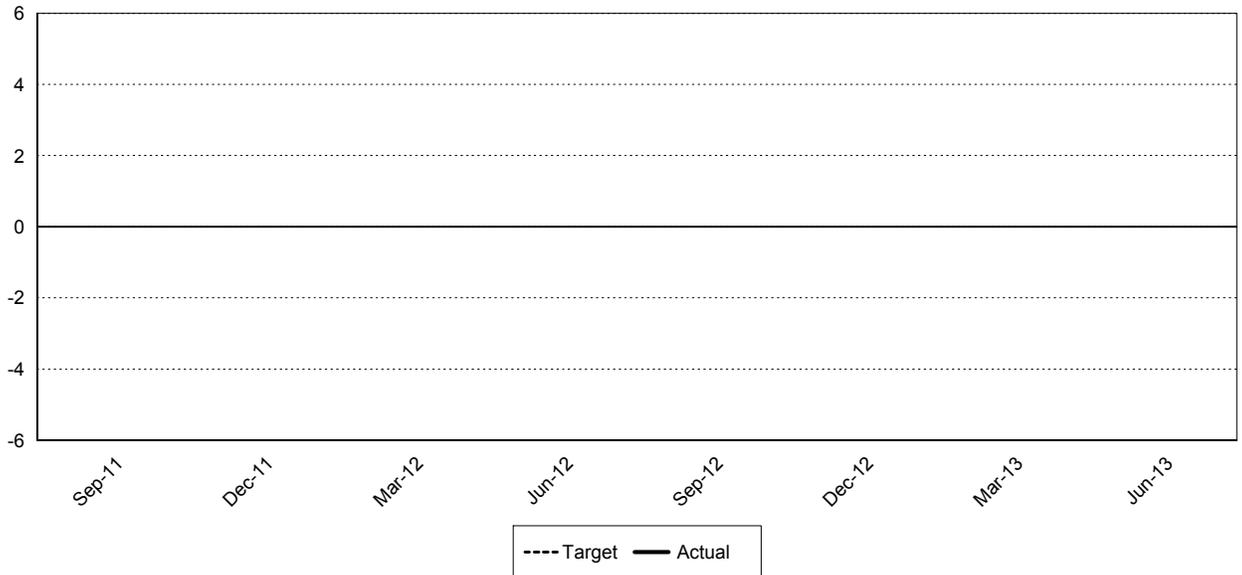


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001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

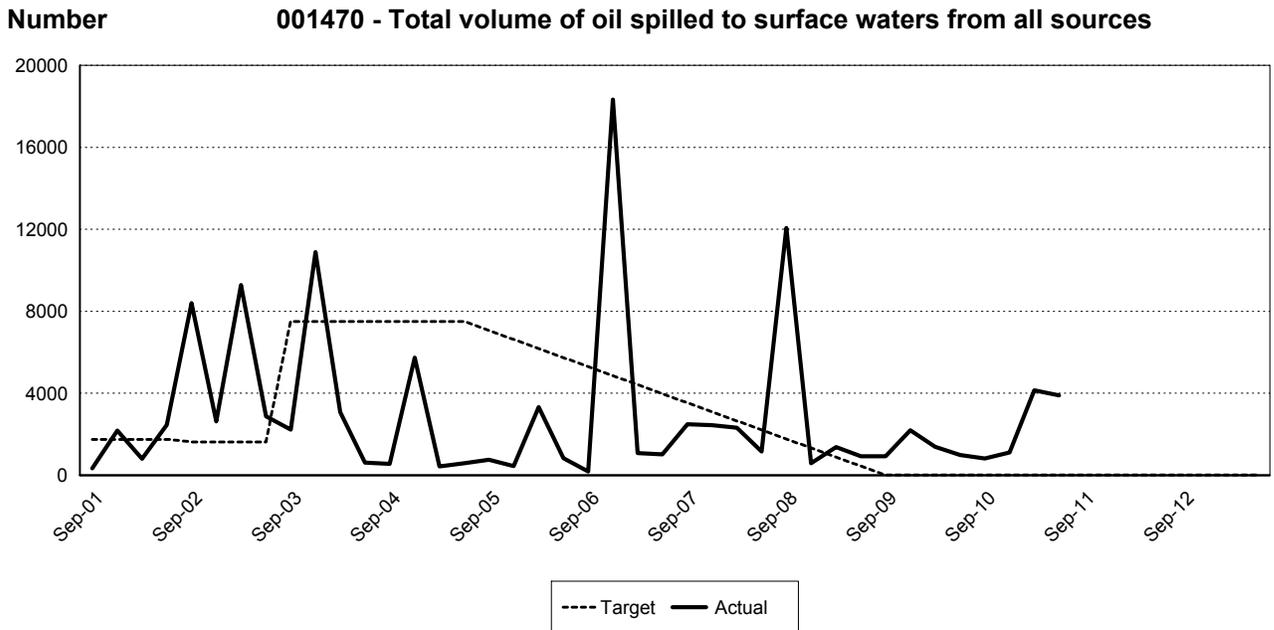
Number

001655 - Refer to Narrative Justification



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<b>001470 Total volume of oil spilled to surface waters from all sources.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		0
	Q7		0
	Q6		0
	Q5		0
	Q4		0
	Q3		0
	Q2		0
	Q1		0
2009-11	Q8	3,894	0
	Q7	4,146	0
	Q6	1,107.75	0
	Q5	818	0
	Q4	981.1	0
	Q3	1,390	0
	Q2	2,198	0
	Q1	925	0
2007-09	Q8	927	
	Q7	1,379	
	Q6	585	
	Q5	12,068	
	Q4	1,160	
	Q3	2,310	
	Q2	2,434	
	Q1	2,482	



**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 for state and local governments, businesses and consumers, result in economic constraints, and create potential for severe financial sanctions against the state if problem areas are not cleaned up in a timely way. To ensure federal standards are met, Ecology continuously measures air pollution levels and trends, develops and implements area-specific cleanup plans, and designs and implements strategies to prevent violations. Recent compelling research shows the current National Ambient Air Quality Standards for some criteria pollutants do not protect human health, and these standards are under federal review. In light of this new research, Ecology is adjusting its focus to assure the air in Washington is both safe to breathe and meets federal standards. The agency will work to reduce ambient air pollutant concentrations to levels that ensure air in Washington communities is healthy to breathe, clean up areas that violate standards as quickly as possible, and prevent future violations of National Ambient Air Quality Standards.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	21.0	21.0	21.0
<b>001 General Fund</b>			
001-1 State	\$2,502,000	\$2,385,000	\$4,887,000
001-2 Federal	\$2,261,000	\$2,261,000	\$4,522,000
<b>001 Account Total</b>	<b>\$4,763,000</b>	<b>\$4,646,000</b>	<b>\$9,409,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$578,000	\$578,000	\$1,156,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

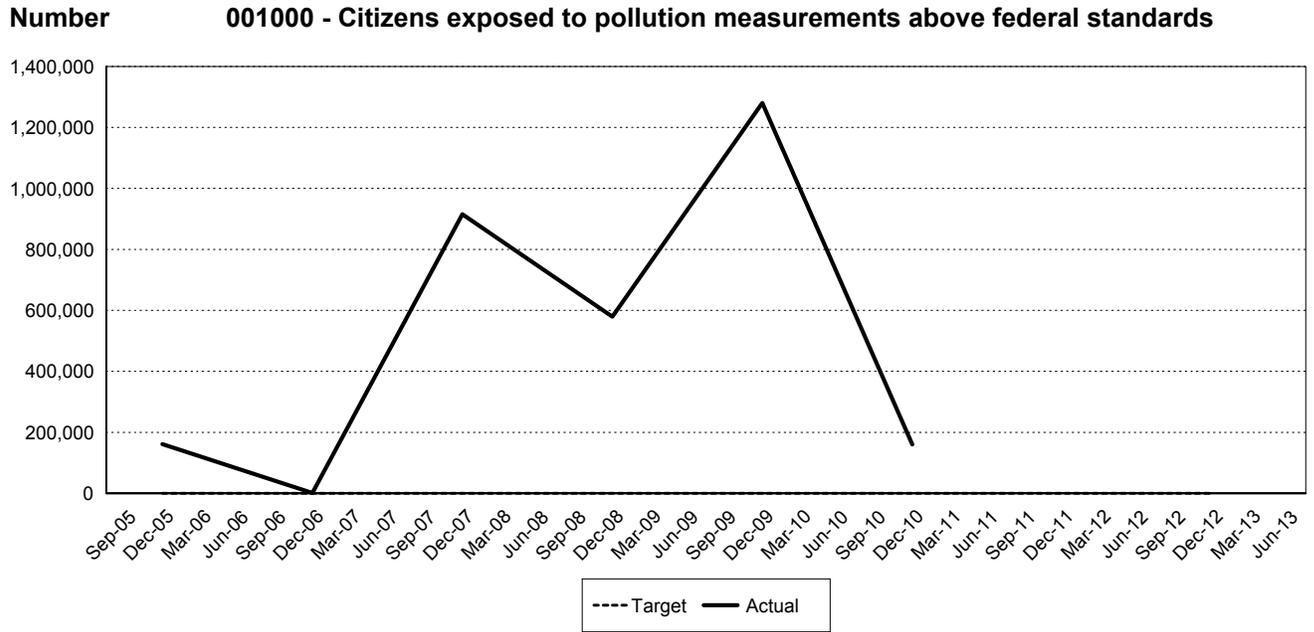
**Expected Results**

Air quality standards in Washington are met throughout the state to minimize public health problems 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, and Yakima. Strategies are evaluated to help prevent areas from violating federal air quality standards in at-risk communities

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<b>001000 Number of citizens exposed to levels of pollution that exceed federal air quality standards.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		0
	Q5		
	Q4		
	Q3		
	Q2		0
	Q1		
2009-11	Q8		
	Q7		
	Q6	160,000	0
	Q5		
	Q4		
	Q3		
	Q2	1,280,000	0
	Q1		
2007-09	Q8		
	Q7		
	Q6	579,100	0
	Q5		
	Q4		
	Q3		
	Q2	915,200	0
	Q1		

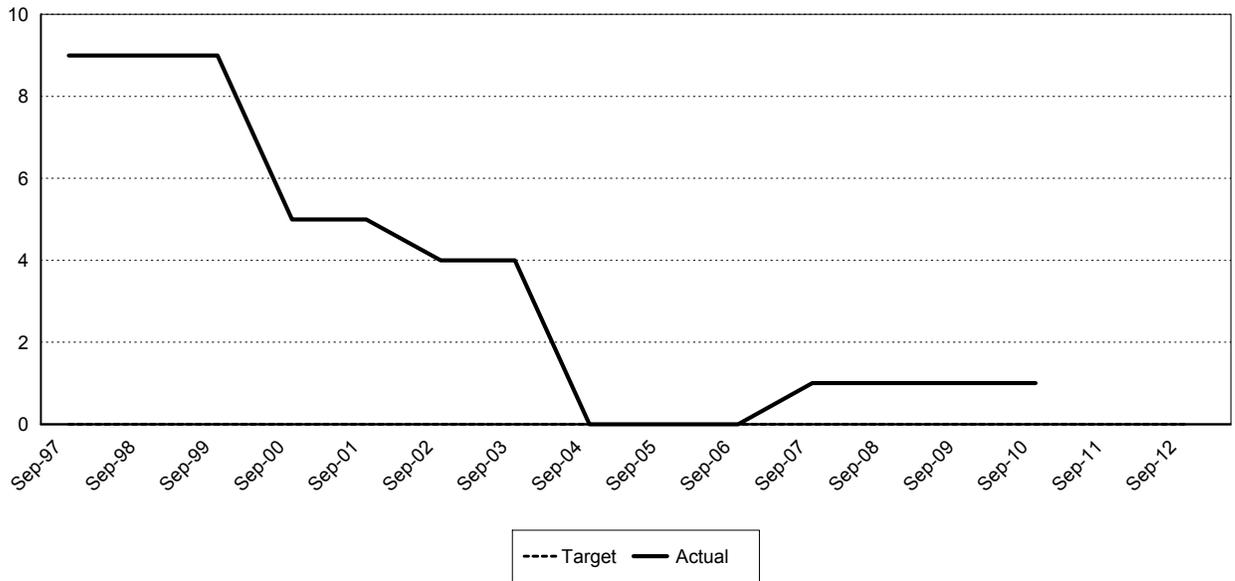
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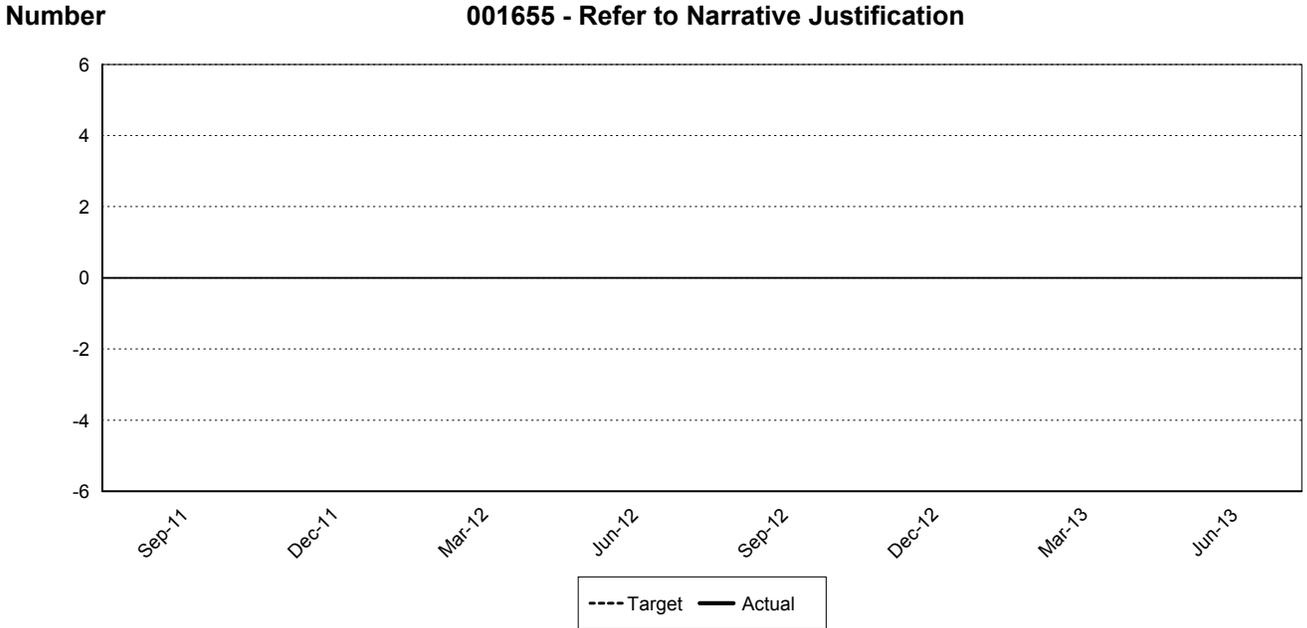
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<b>000998 Number of areas in Washington measuring air quality levels that are not in compliance with federal air quality standards.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		0
	Q5		
	Q4		
	Q3		
	Q2		0
	Q1		
2009-11	Q8		
	Q7		
	Q6	1	0
	Q5		
	Q4		
	Q3		
	Q2	1	0
	Q1		
2007-09	Q8		
	Q7		
	Q6	1	0
	Q5		
	Q4		
	Q3		
	Q2	1	0
	Q1		

**Number** **000998 - Number of Non-Attainment Areas**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**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 2012	FY 2013	Biennial Total
<b>FTE</b>	15.2	15.2	15.2
<b>001 General Fund</b>			
001-1 State	\$1,420,000	\$1,405,000	\$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**

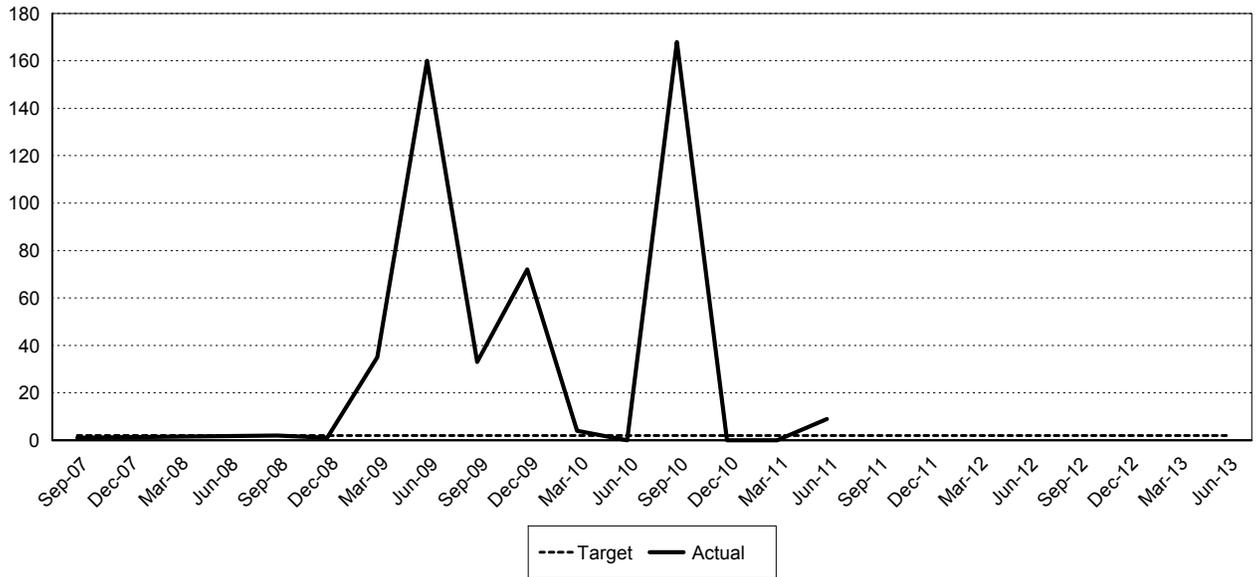
Increased awareness of, and compliance with, the state's water laws so that legal water users and applicants for water rights are not impaired, water use remains sustainable, and the environment is protected. Ninety percent of water is metered and reported in 16 critical water basins. Water right holders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

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<b>001575 Number of compliance assistance actions for water management (non-metering)</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		2
	Q7		2
	Q6		2
	Q5		2
	Q4		2
	Q3		2
	Q2		2
	Q1		2
2009-11	Q8	9	2
	Q7	0	2
	Q6	0	2
	Q5	168	2
	Q4	0	2
	Q3	4	2
	Q2	72	2
	Q1	33	2
2007-09	Q8	160	2
	Q7	35	2
	Q6	1	2
	Q5	2	2
	Q4		2
	Q3		2
	Q2		2
	Q1	1	2

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**Number 001575 - Number of compliance assistance actions for water management**

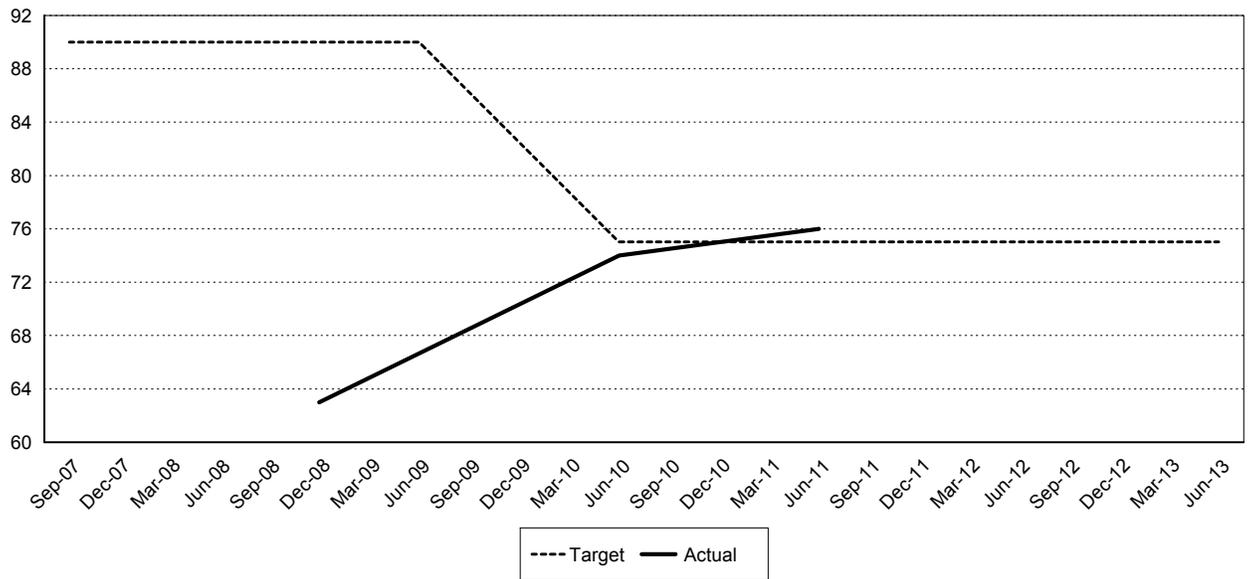


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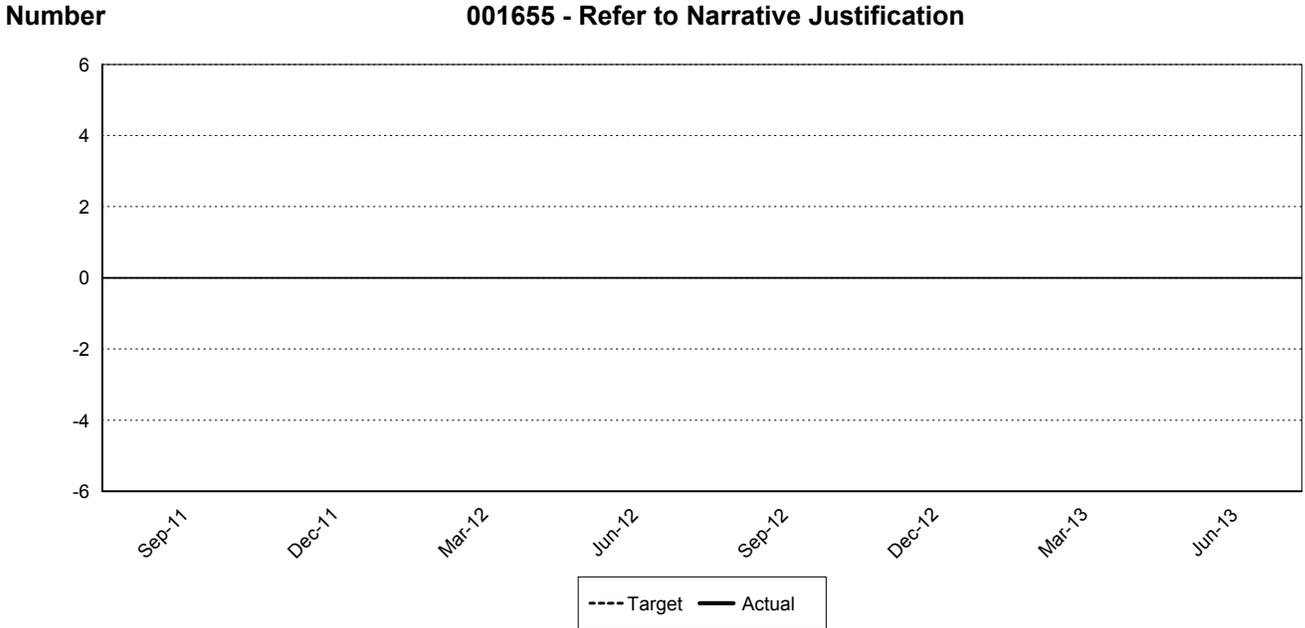
<b>001574 Percent of water use that is metered in 16 salmon critical basins.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		75%
	Q7		75%
	Q6		75%
	Q5		75%
	Q4		75%
	Q3		75%
	Q2		75%
	Q1		75%
2009-11	Q8	76%	75%
	Q7		
	Q6		
	Q5		
	Q4	74%	75%
	Q3		
	Q2		
	Q1		
2007-09	Q8		90%
	Q7		90%
	Q6	63%	90%
	Q5		90%
	Q4		90%
	Q3		90%
	Q2		90%
	Q1		90%

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**Percent**                      **001574 - Percent of water use that is metered in 16 critical basins**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**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.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	28.6	28.5	28.6
<b>001 General Fund</b>			
001-1 State	\$1,463,000	\$1,824,000	\$3,287,000
001-2 Federal	\$1,599,000	\$1,588,000	\$3,187,000
001-7 Private/Local	\$57,000	\$57,000	\$114,000
<b>001 Account Total</b>	<b>\$3,119,000</b>	<b>\$3,469,000</b>	<b>\$6,588,000</b>
<b>174 Local Toxics Control Account</b>			
174-1 State	\$4,000,000	\$3,500,000	\$7,500,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$232,000	\$232,000	\$464,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

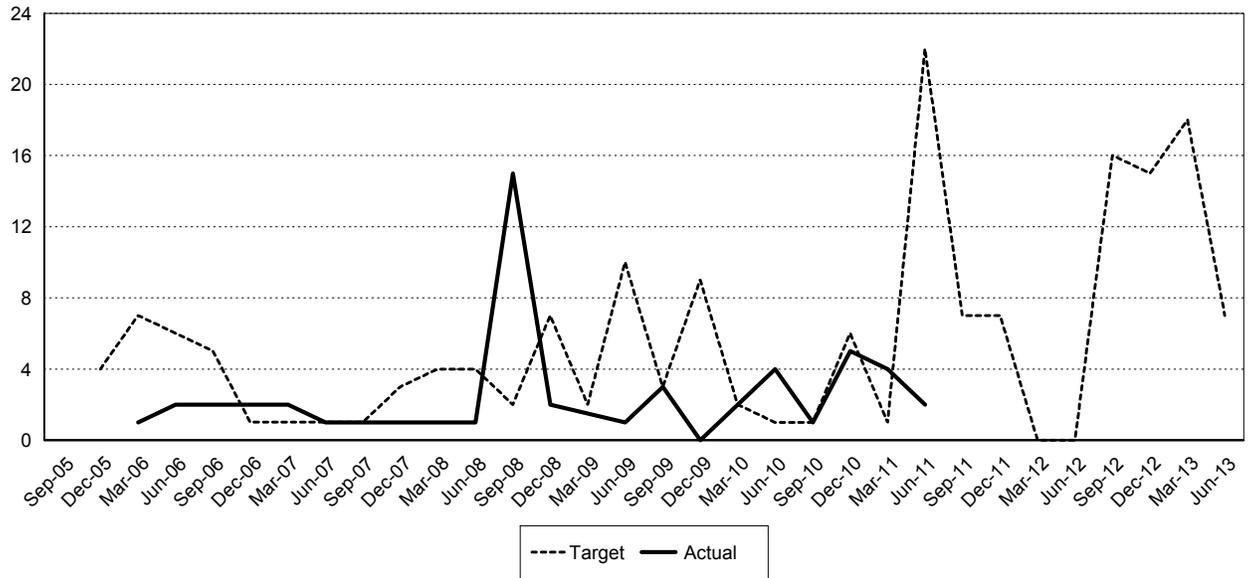
Shorelines of the state are protected, restored and managed consistent with state and local laws. Local governments get technical and financial assistance to update their shoreline master programs. Permits approved by local governments are consistent with their shoreline master programs.

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<b>001453 Number of the communities (cities and counties) that have submitted updated Shoreline Master Plans.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		7
	Q7		18
	Q6		15
	Q5		16
	Q4		0
	Q3		0
	Q2		7
	Q1		7
2009-11	Q8	2	22
	Q7	4	1
	Q6	5	6
	Q5	1	1
	Q4	4	1
	Q3	2	2
	Q2	0	9
	Q1	3	3
2007-09	Q8	1	10
	Q7		2
	Q6	2	7
	Q5	15	2
	Q4	1	4
	Q3	1	4
	Q2	1	3
	Q1		1

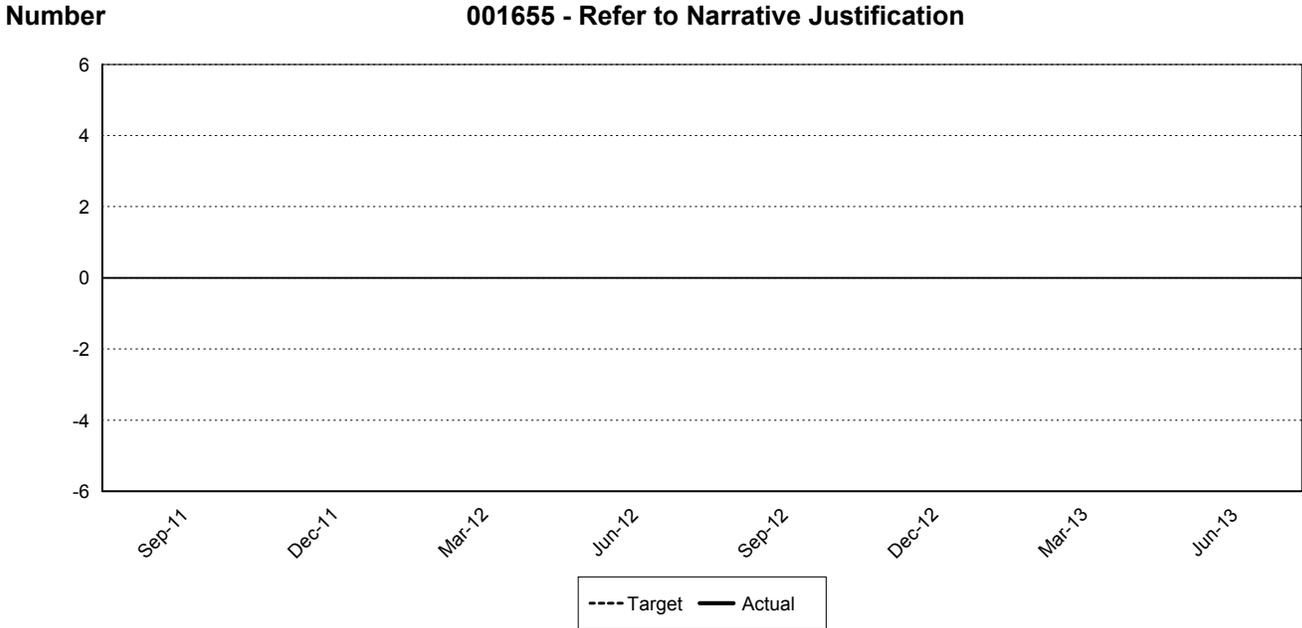
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**Number 001453 - Number of the communities (cities and counties) that have submitted updated Shoreline Master Plans**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	11.5	10.6	11.1
<b>001 General Fund</b>			
001-1 State	\$779,000	\$783,000	\$1,562,000
001-2 Federal	\$275,000	\$275,000	\$550,000
<b>001 Account Total</b>	<b>\$1,054,000</b>	<b>\$1,058,000</b>	<b>\$2,112,000</b>
<b>173 State Toxics Control Account</b>			
173-1 State	\$83,000	\$82,000	\$165,000

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

**Expected Results**

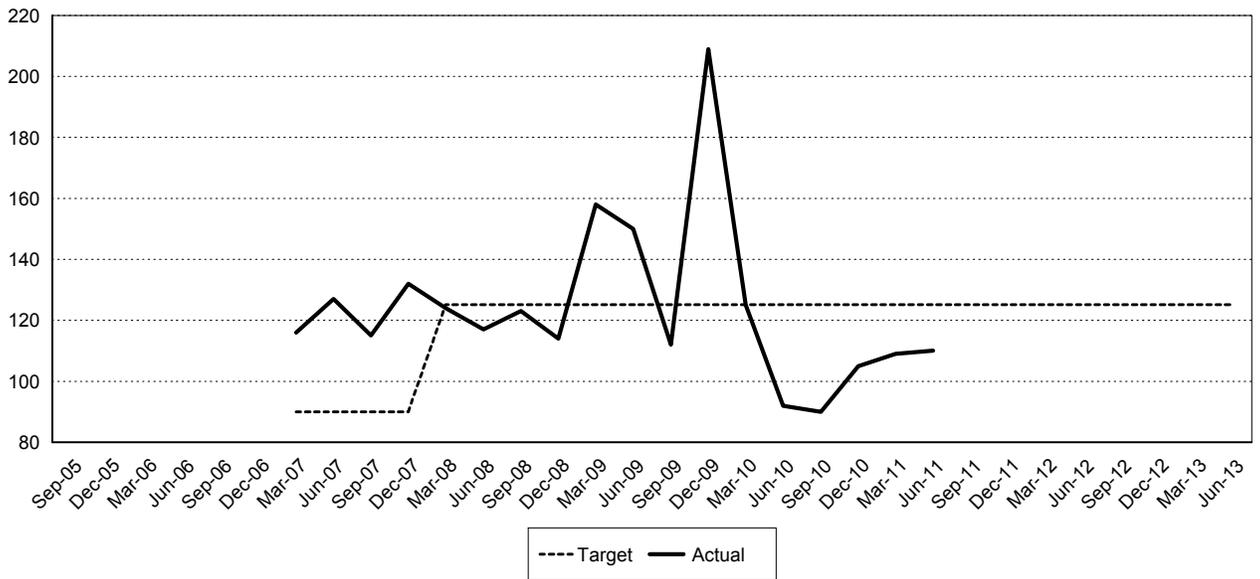
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

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.

<b>001456 The number of days it takes to make a final decision on 401 water quality certifications.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		125
	Q7		125
	Q6		125
	Q5		125
	Q4		125
	Q3		125
	Q2		125
	Q1		125
2009-11	Q8	110	125
	Q7	109	125
	Q6	105	125
	Q5	90	125
	Q4	92	125
	Q3	125	125
	Q2	209	125
	Q1	112	125
2007-09	Q8	150	125
	Q7	158	125
	Q6	114	125
	Q5	123	125
	Q4	117	125
	Q3	124	125
	Q2	132	90
	Q1	115	90

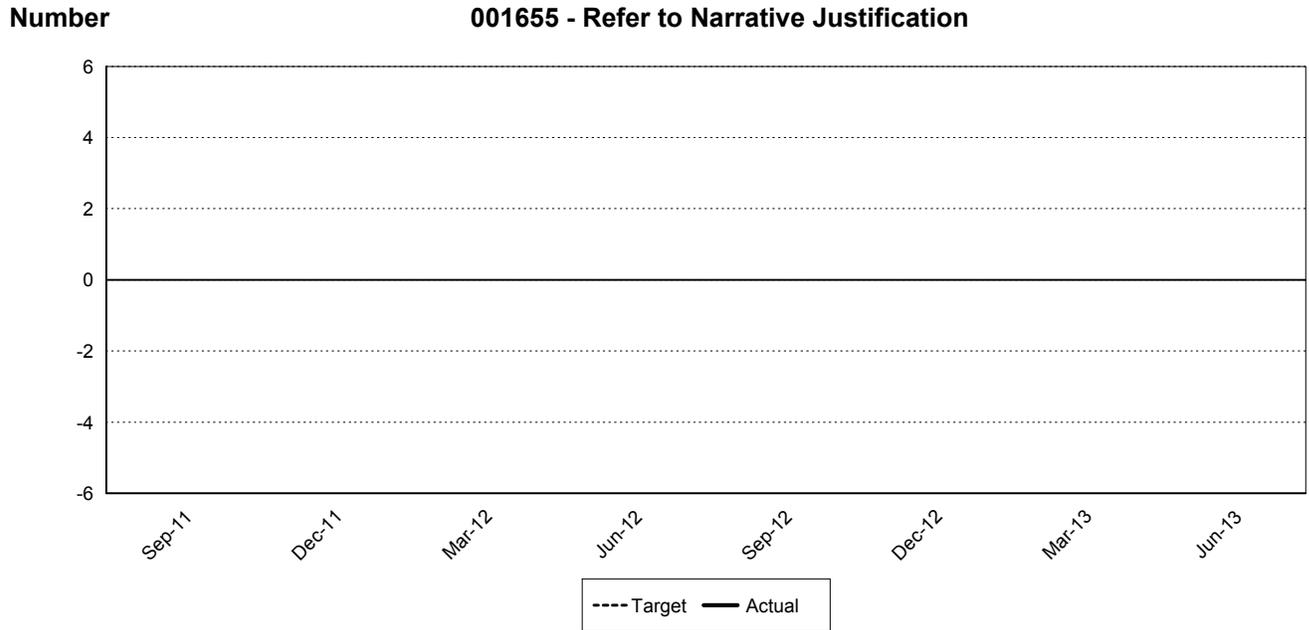
Number

001456 - Number of days to make decision on 401 certifications



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	26.6	24.2	25.4
<b>001 General Fund</b>			
001-1 State	\$1,934,000	\$1,914,000	\$3,848,000
001-2 Federal	\$4,410,000	\$5,256,000	\$9,666,000
001-7 Private/Local	\$86,000	\$86,000	\$172,000
<b>001 Account Total</b>	<b>\$6,430,000</b>	<b>\$7,256,000</b>	<b>\$13,686,000</b>

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

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

**Expected Results**

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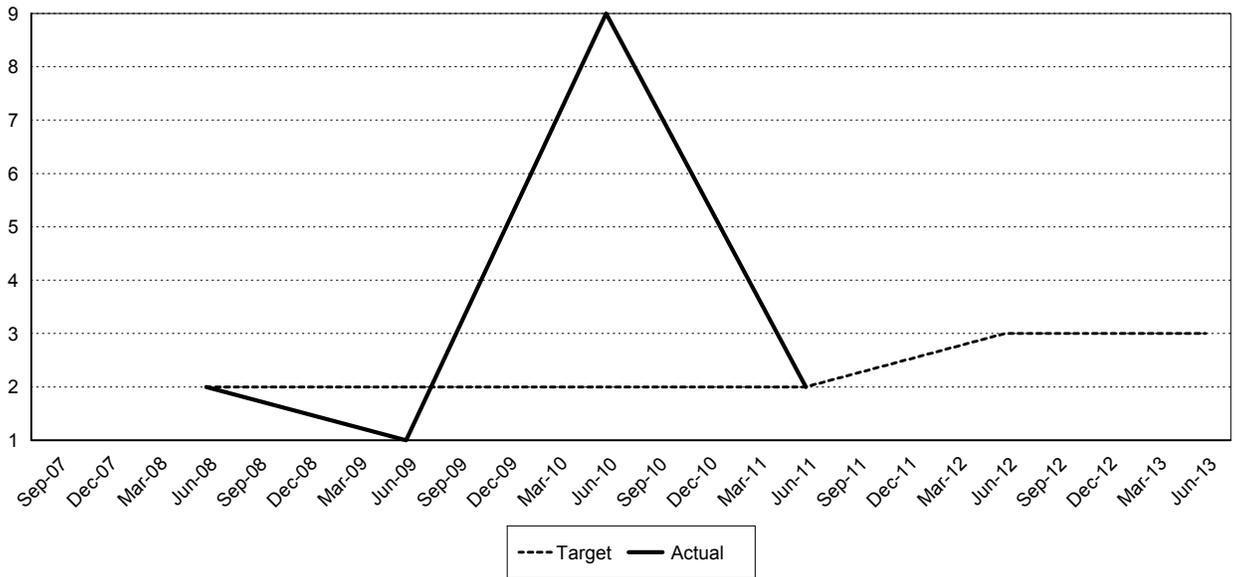
Wetlands are protected, restored and managed consistent with state and local permits and laws. Local governments and other parties get technical assistance to carry out local wetland protection efforts. Wetland losses are fully replaced by improving the success rate of wetland mitigation. Approved mitigation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

<b>001467 Number of completed watershed characterizations.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		3
	Q7		
	Q6		
	Q5		
	Q4		3
	Q3		
	Q2		
	Q1		
2009-11	Q8	2	2
	Q7		
	Q6		
	Q5		
	Q4	9	2
	Q3		
	Q2		
	Q1		
2007-09	Q8	1	2
	Q7		
	Q6		
	Q5		
	Q4	2	2
	Q3		
	Q2		
	Q1		

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Number

001467 - Number of completed watershed characterizations

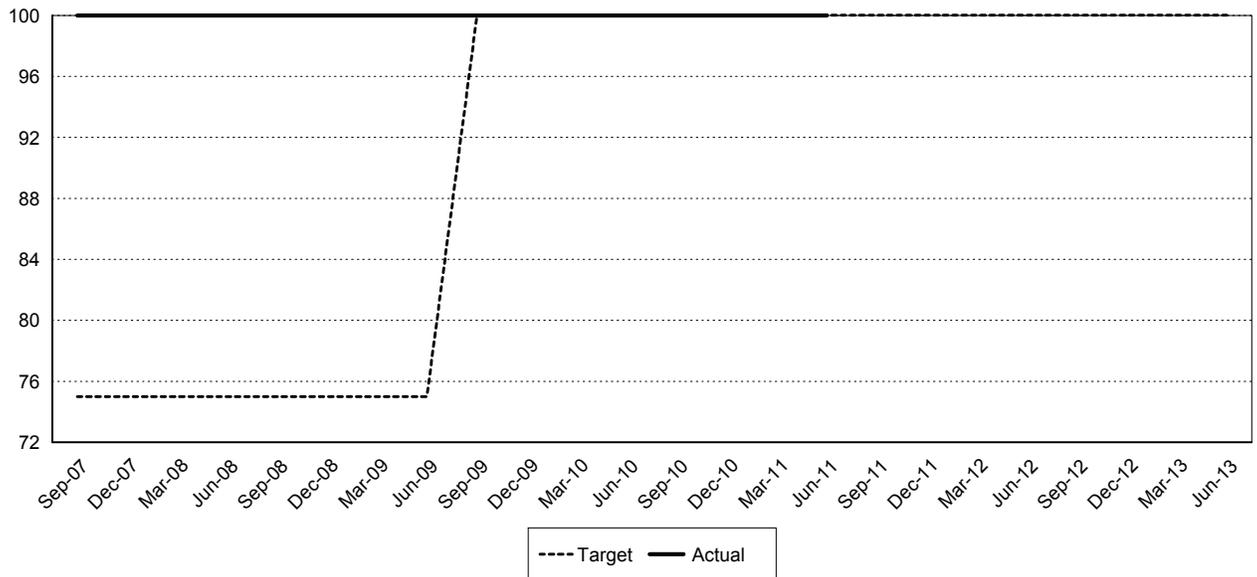


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<b>001458 Percent of mitigation sites inspected within 18 months after receipt of as-built reports.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3		100%
	Q2		100%
	Q1		100%
2009-11	Q8	100%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%
2007-09	Q8	100%	75%
	Q7	100%	75%
	Q6	100%	75%
	Q5	100%	75%
	Q4	100%	75%
	Q3	100%	75%
	Q2	100%	75%
	Q1	100%	75%

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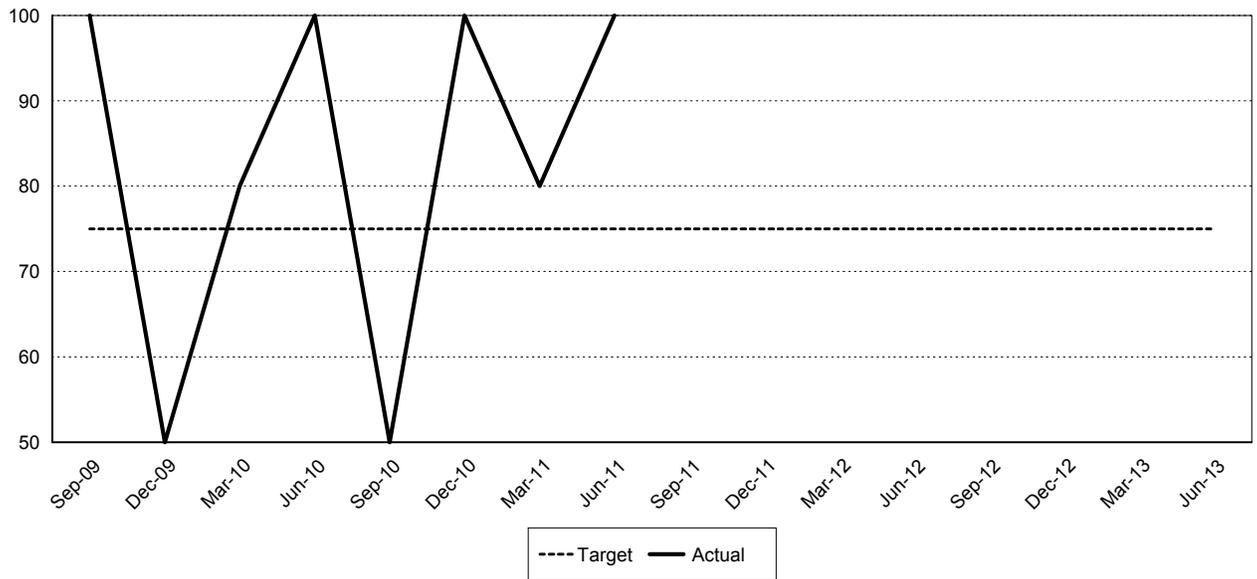
**Percent 001458 - Percent of mitigation sites inspected within 18 months after as-built is received**



<b>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.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		75%
	Q7		75%
	Q6		75%
	Q5		75%
	Q4		75%
	Q3		75%
	Q2		75%
	Q1		75%
2009-11	Q8	100%	75%
	Q7	80%	75%
	Q6	100%	75%
	Q5	50%	75%
	Q4	100%	75%
	Q3	80%	75%
	Q2	50%	75%
	Q1	100%	75%

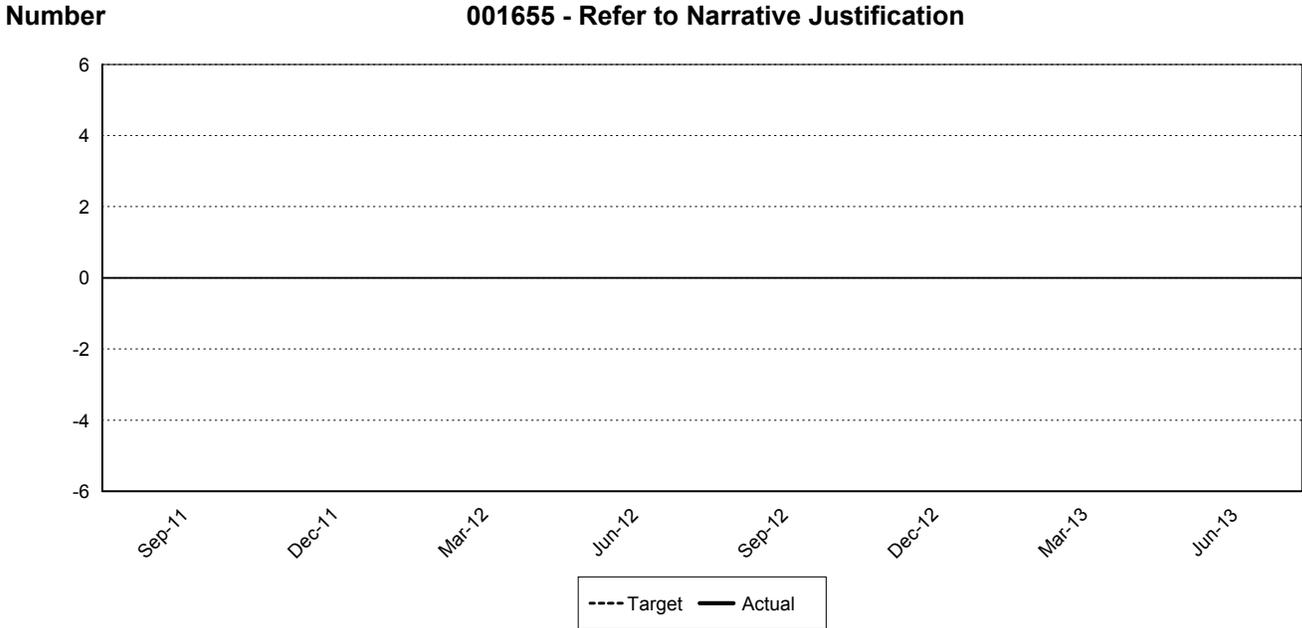
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**Percent 001468 - Percent of wetland banking certification documents reviewed within 30 days of receipt**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	7.4	7.4	7.4
<b>02P Flood Control Assistance Account</b>			
02P-1 State	\$851,000	\$848,000	\$1,699,000
<b>001 General Fund</b>			
001-1 State	\$5,000	\$5,000	\$10,000
001-2 Federal	\$254,000	\$227,000	\$481,000
<b>001 Account Total</b>	<b>\$259,000</b>	<b>\$232,000</b>	<b>\$491,000</b>

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

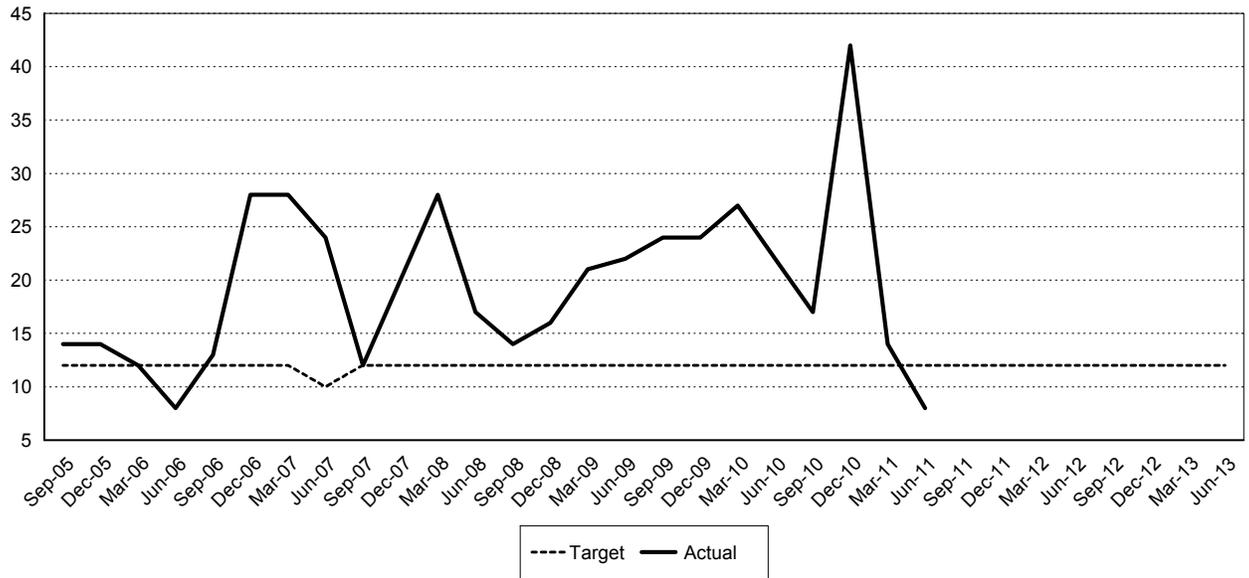
**Expected Results**

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.

<b>001455 Number of flood-prone communities receiving direct support on regulatory issues, flood hazard reduction, and the protection of floodplain functions and values.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		12
	Q7		12
	Q6		12
	Q5		12
	Q4		12
	Q3		12
	Q2		12
	Q1		12
2009-11	Q8	8	12
	Q7	14	12
	Q6	42	12
	Q5	17	12
	Q4	22	12
	Q3	27	12
	Q2	24	12
	Q1	24	12
2007-09	Q8	22	12
	Q7	21	12
	Q6	16	12
	Q5	14	12
	Q4	17	12
	Q3	28	12
	Q2	20	12
	Q1	12	12

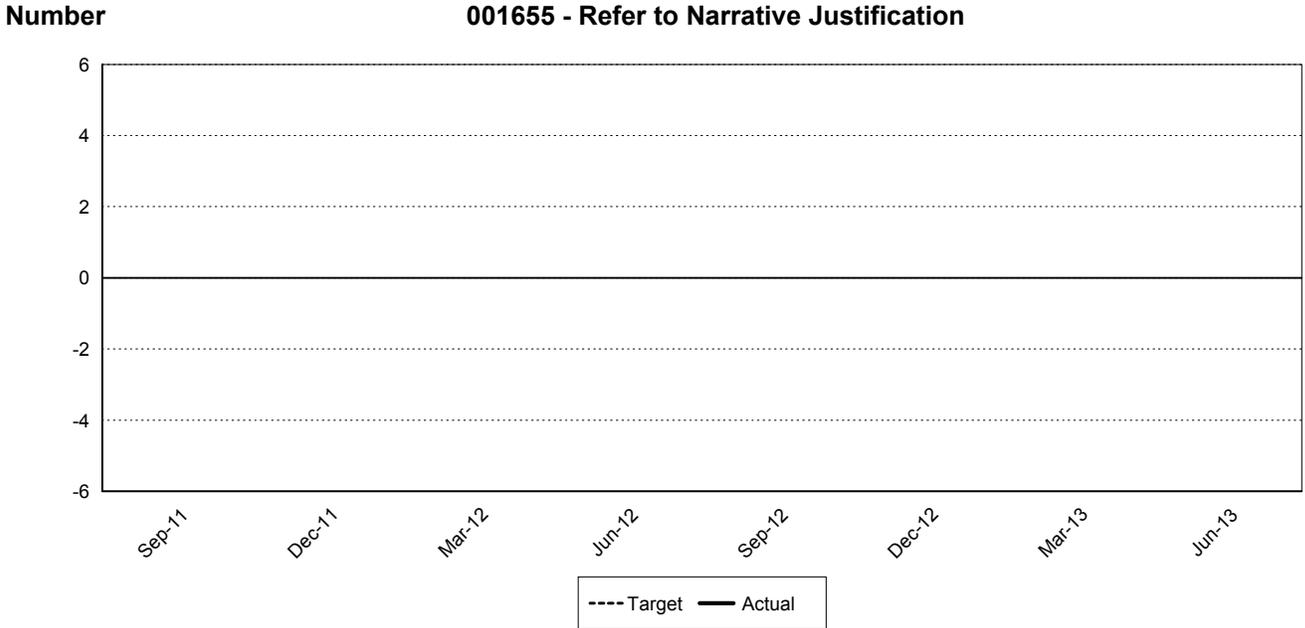
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**Number 001455 - Number of flood-prone comm recvng direct support on reg issues, flood haz reduc, prot floodplain**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	5.7	4.4	5.1
<b>001 General Fund</b>			
001-1 State	\$541,000	\$549,000	\$1,090,000
001-2 Federal	\$54,000	\$54,000	\$108,000
<b>001 Account Total</b>	<b>\$595,000</b>	<b>\$603,000</b>	<b>\$1,198,000</b>

**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**

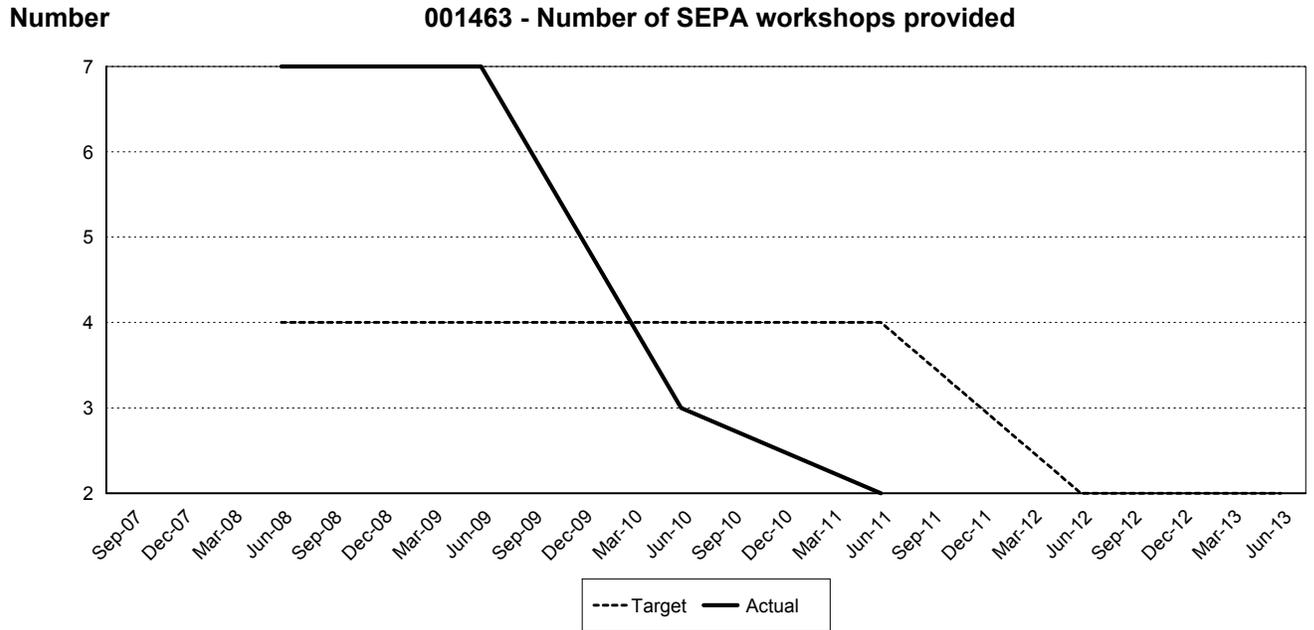
**Expected Results**

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.

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<b>001463 Number of State Environmental Policy Act workshops provided.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		2
	Q7		
	Q6		
	Q5		
	Q4		2
	Q3		
	Q2		
	Q1		
2009-11	Q8	2	4
	Q7		
	Q6		
	Q5		
	Q4	3	4
	Q3		
	Q2		
	Q1		
2007-09	Q8	7	4
	Q7		
	Q6		
	Q5		
	Q4	7	4
	Q3		
	Q2		
	Q1		

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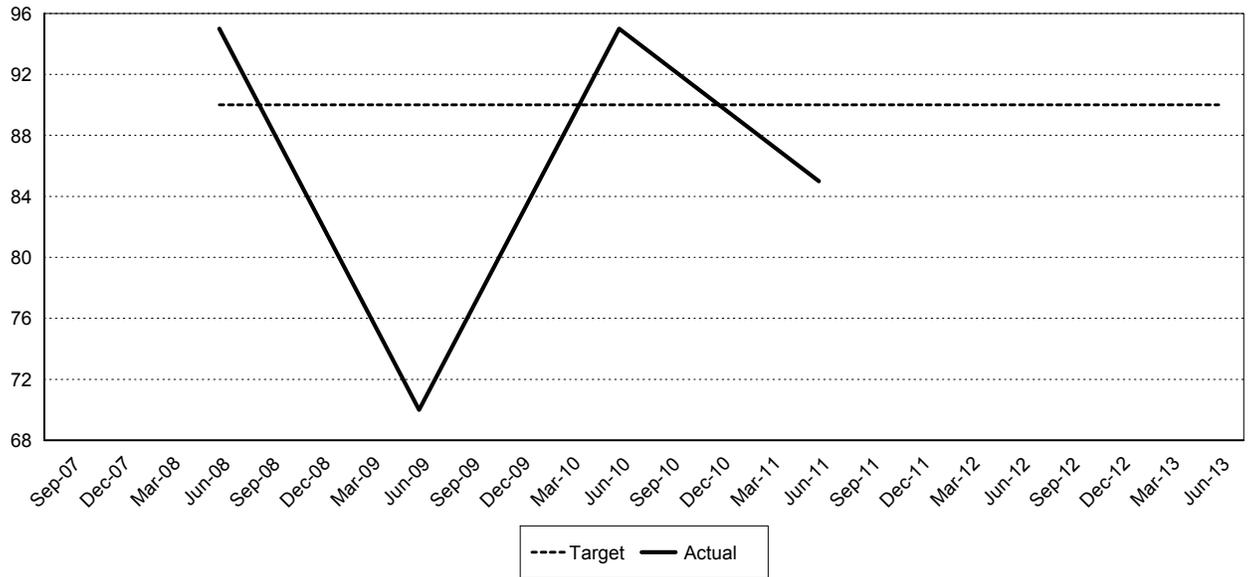


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<b>001464 Percent of State Environmental Policy Act workshop participants who said they intend to apply what they learned in their work.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		90%
	Q7		
	Q6		
	Q5		
	Q4		90%
	Q3		
	Q2		
	Q1		
2009-11	Q8	85%	90%
	Q7		
	Q6		
	Q5		
	Q4	95%	90%
	Q3		
	Q2		
	Q1		
2007-09	Q8	70%	90%
	Q7		
	Q6		
	Q5		
	Q4	95%	90%
	Q3		
	Q2		
	Q1		

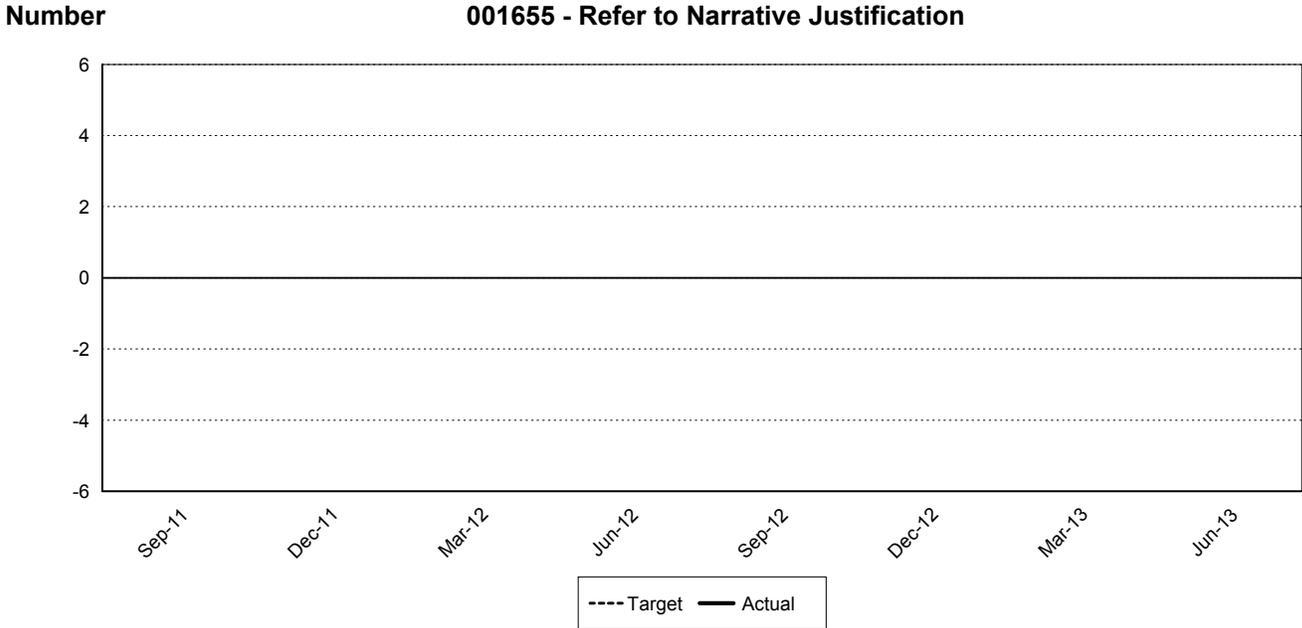
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**Percent 001464 - Percent of SEPA workshop participants who will apply what they learned**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	17.8	16.9	17.4
<b>001 General Fund</b>			
001-1 State	\$728,000	\$743,000	\$1,471,000
001-2 Federal	\$1,516,000	\$1,116,000	\$2,632,000
001-7 Private/Local	\$95,000	\$95,000	\$190,000
<b>001 Account Total</b>	<b>\$2,339,000</b>	<b>\$1,954,000</b>	<b>\$4,293,000</b>

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

**Statewide Strategy:** Improve individual practices and choices about natural resources

**Expected Results**

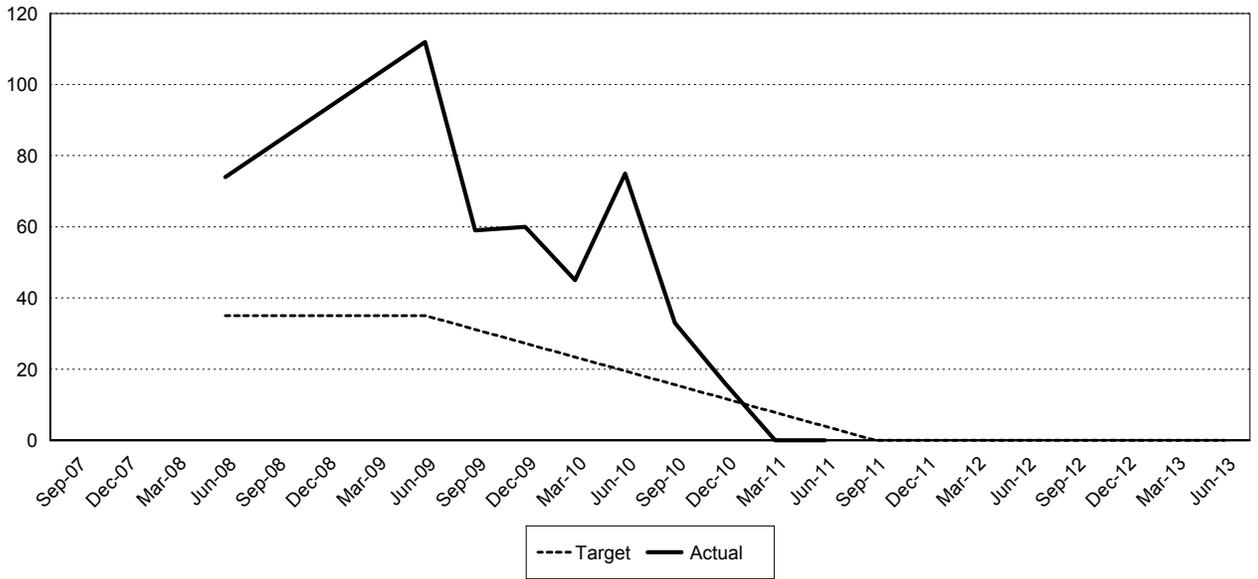
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

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.

<b>001461 Acres of Puget Sound cleaned of derelict fishing nets.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		0
	Q7		0
	Q6		0
	Q5		0
	Q4		0
	Q3		0
	Q2		0
	Q1		0
2009-11	Q8	0	
	Q7	0	
	Q6	16	
	Q5	33	
	Q4	75	
	Q3	45	
	Q2	60	
	Q1	59	
2007-09	Q8	112	35
	Q7		
	Q6		
	Q5		
	Q4	74	35
	Q3		
	Q2		
	Q1		

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**Number** **001461 - Acres of Puget Sound cleaned of derelict fishing nets**

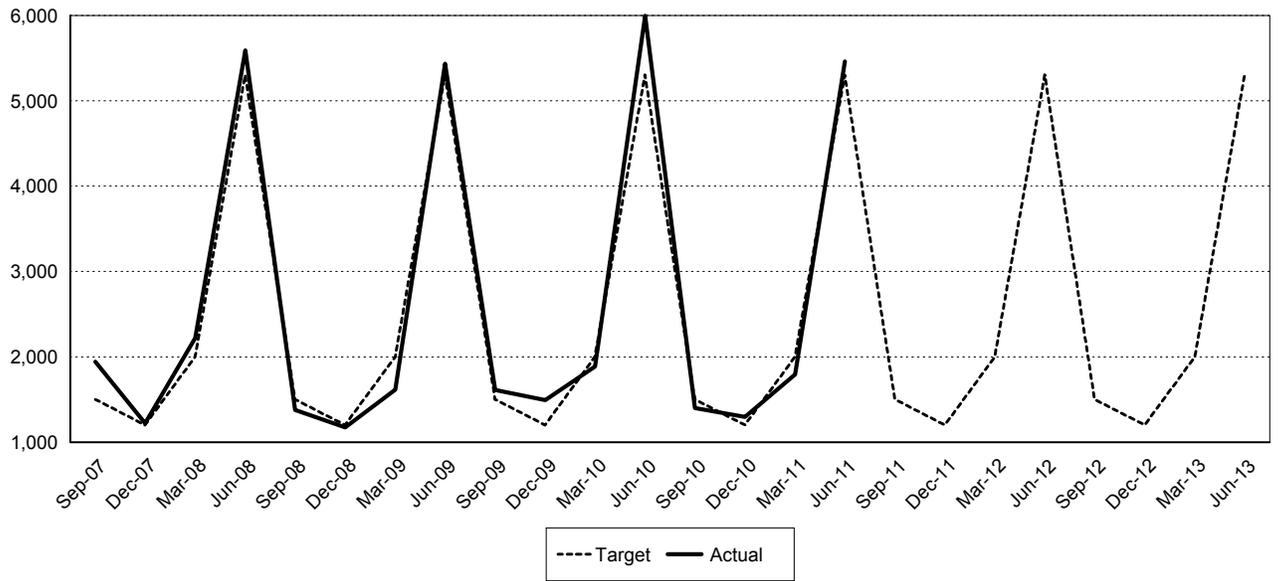


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<b>001459 Number of teachers, students, adults, and professionals participating in Puget Sound education and training programs at the Padilla Bay Reserve.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		5,300
	Q7		2,000
	Q6		1,200
	Q5		1,500
	Q4		5,300
	Q3		2,000
	Q2		1,200
	Q1		1,500
2009-11	Q8	5,460	5,300
	Q7	1,796	2,000
	Q6	1,298	1,200
	Q5	1,401	1,500
	Q4	5,996	5,300
	Q3	1,886	2,000
	Q2	1,493	1,200
	Q1	1,611	1,500
2007-09	Q8	5,435	5,300
	Q7	1,617	2,000
	Q6	1,173	1,200
	Q5	1,380	1,500
	Q4	5,590	5,300
	Q3	2,223	2,000
	Q2	1,221	1,200
	Q1	1,943	1,500

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

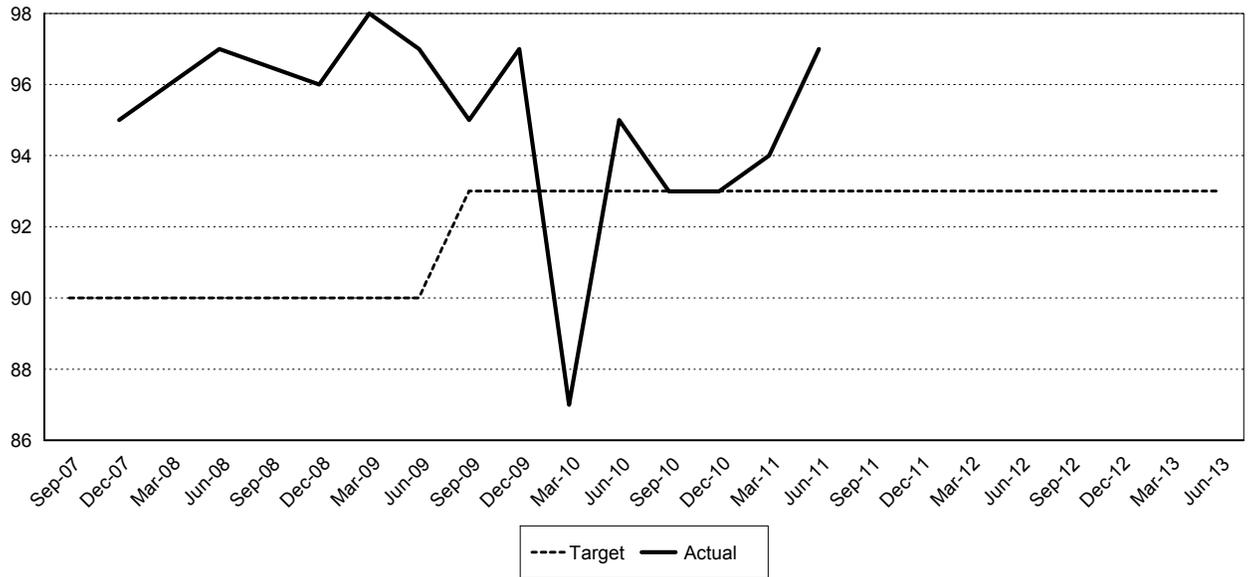


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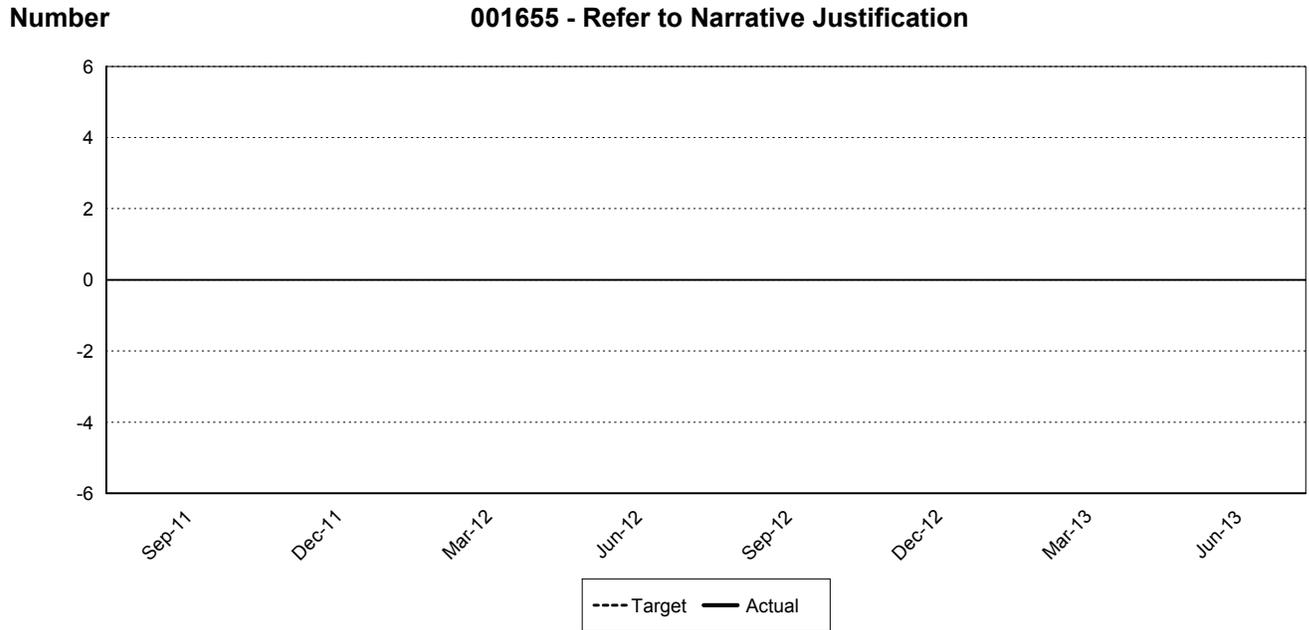
<b>001460 Percent of Puget Sound and coastal training workshop participants who said they intend to apply what they learned in their work.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		93%
	Q7		93%
	Q6		93%
	Q5		93%
	Q4		93%
	Q3		93%
	Q2		93%
	Q1		93%
2009-11	Q8	97%	93%
	Q7	94%	93%
	Q6	93%	93%
	Q5	93%	93%
	Q4	95%	93%
	Q3	87%	93%
	Q2	97%	93%
	Q1	95%	93%
2007-09	Q8	97%	90%
	Q7	98%	90%
	Q6	96%	90%
	Q5		90%
	Q4	97%	90%
	Q3	96%	90%
	Q2	95%	90%
	Q1		90%

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**A043 Provide Water Quality Financial Assistance**

Ecology 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. Ecology 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. Ecology coordinates grant and loan assistance with other state and federal funding agencies.

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Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	43.9	42.8	43.4
<b>10A Aquatic Algae Control Account</b>			
10A-1 State	\$232,000	\$263,000	\$495,000
<b>222 Freshwater Aquatic Weeds Account</b>			
222-1 State	\$627,000	\$776,000	\$1,403,000
<b>001 General Fund</b>			
001-1 State	\$1,727,000	\$1,544,000	\$3,271,000
001-2 Federal	\$5,983,000	\$4,430,000	\$10,413,000
<b>001 Account Total</b>	<b>\$7,710,000</b>	<b>\$5,974,000</b>	<b>\$13,684,000</b>
<b>174 Local Toxics Control Account</b>			
174-1 State	\$2,268,000	\$6,716,000	\$8,984,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$13,000	\$126,000	\$139,000
<b>727 Water Pollution Control Revolv Acct</b>			
727-1 State	\$285,000	\$271,000	\$556,000
727-2 Federal	\$1,155,000	\$1,086,000	\$2,241,000
<b>727 Account Total</b>	<b>\$1,440,000</b>	<b>\$1,357,000</b>	<b>\$2,797,000</b>

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

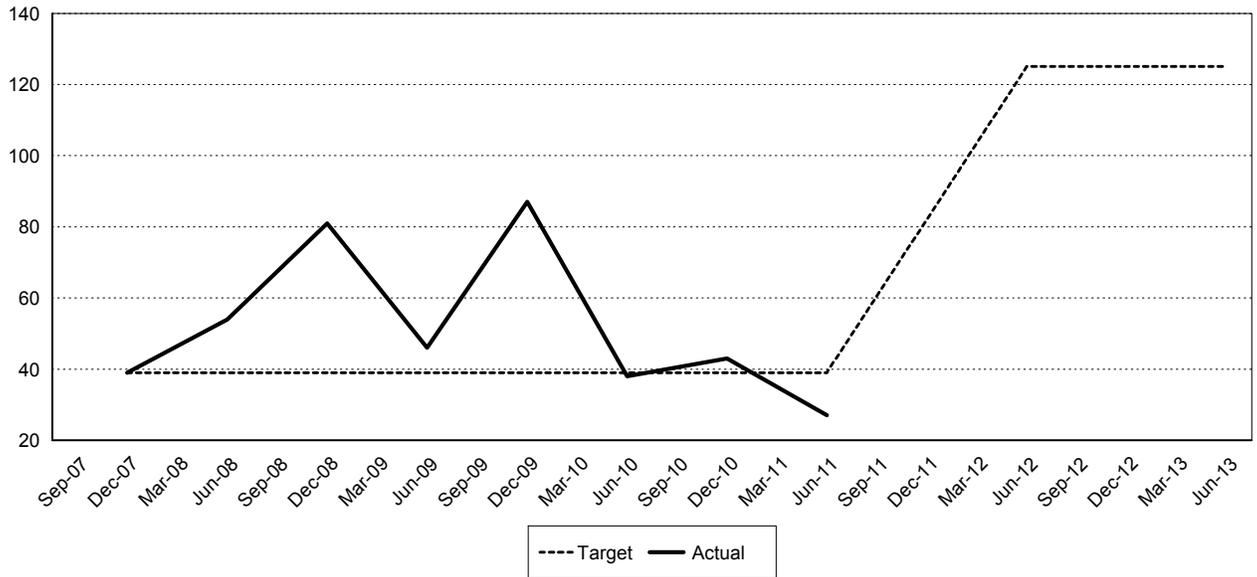
Public funds dedicated to improving water quality are managed responsibly to protect public health and the environment. Water quality is improved by awarding about \$75 million in water quality grants and loans per year to local communities. About 60 new grants and loans are awarded each year for projects under existing and on-going 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 and loans 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.

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<b>001564 Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		125
	Q7		
	Q6		
	Q5		
	Q4		125
	Q3		
	Q2		
	Q1		
2009-11	Q8	27	39
	Q7		
	Q6	43	39
	Q5		
	Q4	38	39
	Q3		
	Q2	87	39
	Q1		
2007-09	Q8	46	39
	Q7		
	Q6	81	39
	Q5		
	Q4	54	39
	Q3		
	Q2	39	39
	Q1		

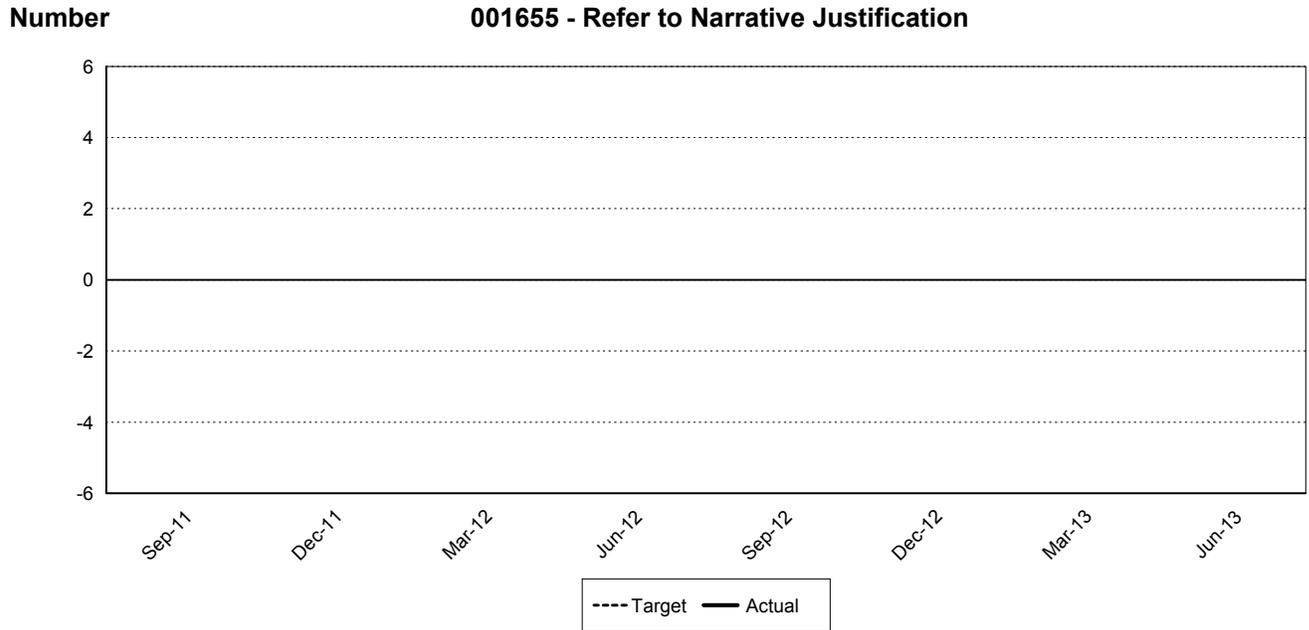
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	33.5	33.3	33.4
<b>116 Basic Data Account</b>			
116-6 Non-Appropriated	\$155,000	\$155,000	\$310,000
<b>001 General Fund</b>			
001-1 State	\$3,096,000	\$3,066,000	\$6,162,000
<b>027 Reclamation Revolving Account</b>			
027-1 State	\$497,000	\$497,000	\$994,000
<b>10G Water Rights Tracking System Account</b>			
10G-1 State	\$20,000	\$20,000	\$40,000

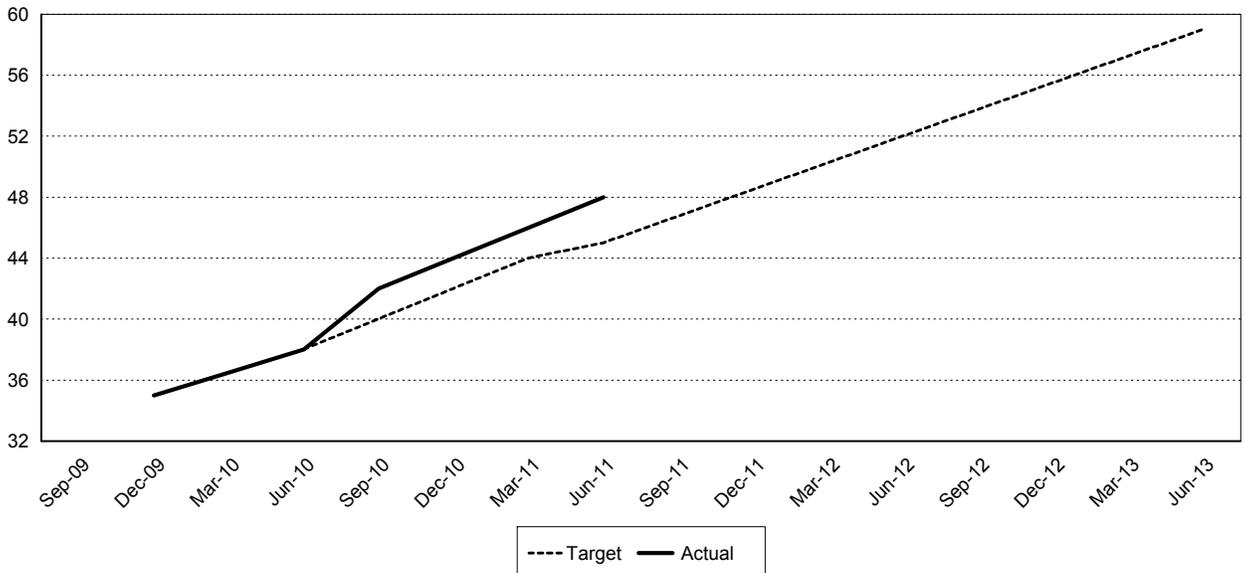
**Statewide Result Area:** Improve the quality of Washington’s natural resources  
**Statewide Strategy:** Provide good science and natural resource monitoring data to support decision-making

**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.

001579 Percent of water rights mapping completed statewide			
Biennium	Period	Actual	Target
2011-13	Q8		59%
	Q7		
	Q6		
	Q5		
	Q4		52%
	Q3		
	Q2		
	Q1		
2009-11	Q8	48%	45%
	Q7	46%	44%
	Q6	44%	42%
	Q5	42%	40%
	Q4	38%	38%
	Q3	36.5%	
	Q2	35%	
	Q1		

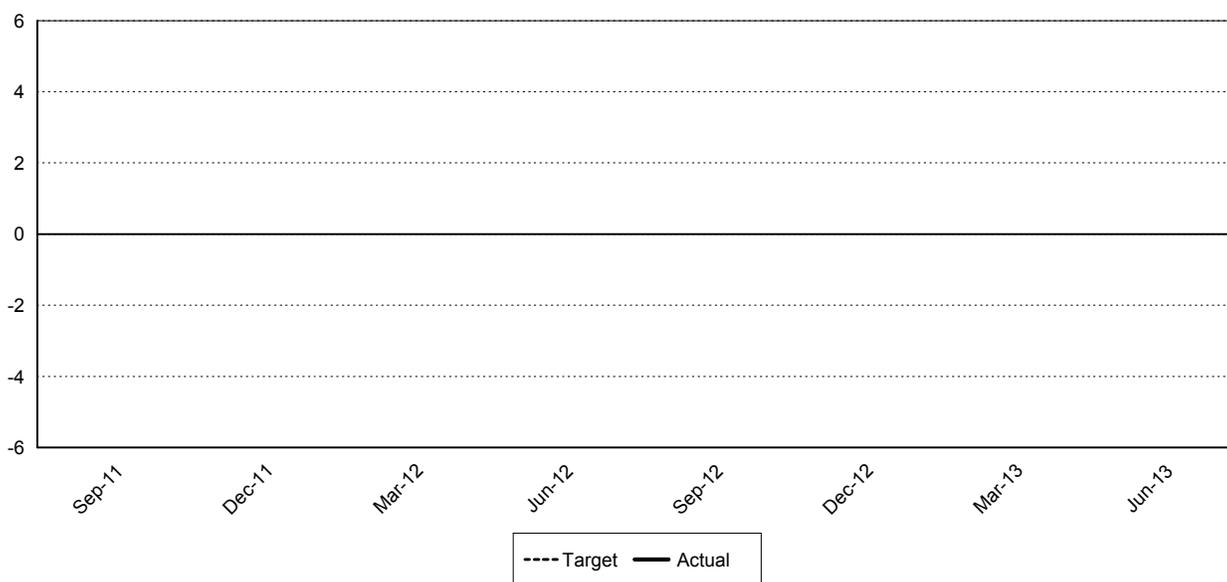
Percent 001579 - Percent of water rights mapping completed statewide



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



**A045 Reduce Air Pollution from Industrial and Commercial Sources**

Ecology 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. Ecology 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 public health, air quality, and the environment are protected. Ecology develops and modifies industrial source regulations to incorporate federal and state law changes, simplify and streamline permit requirements, and ensure public health protection. Ecology conducts compliance inspections, resolve complaints, and develops technical and policy direction on emerging industrial permit issues.

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<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	18.0	18.0	18.0
<b>219 Air Operating Permit Account</b>			
219-1 State	\$570,000	\$571,000	\$1,141,000
<b>216 Air Pollution Control Account</b>			
216-1 State	\$820,000	\$820,000	\$1,640,000
<b>001 General Fund</b>			
001-1 State	\$591,000	\$571,000	\$1,162,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

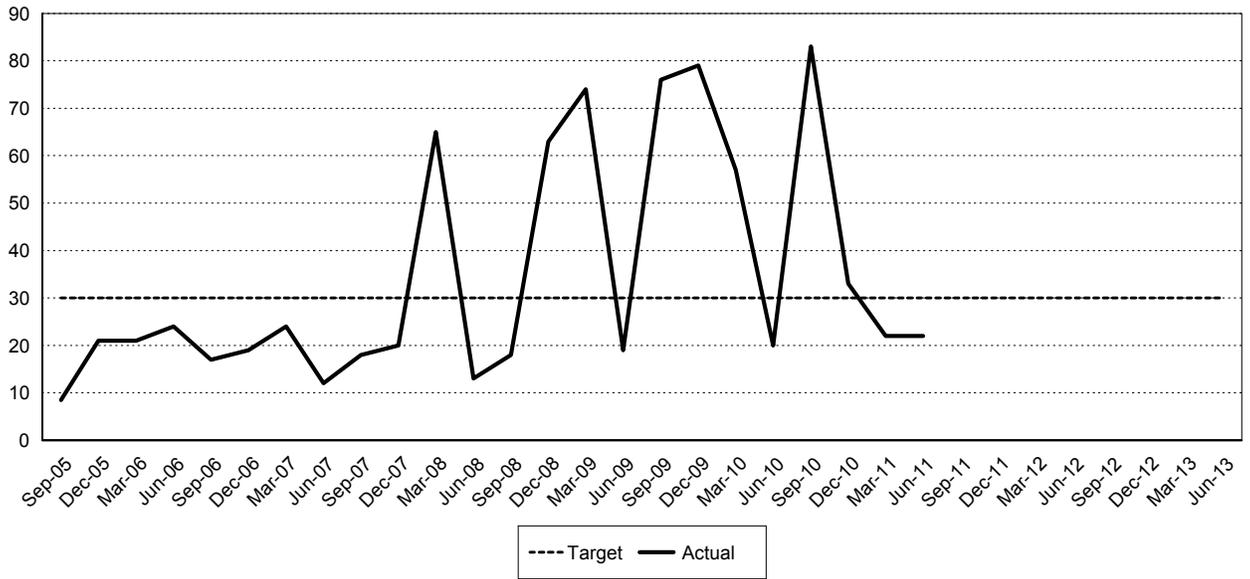
Air pollution from industrial and commercial sources is managed to protect public health and minimize costs and regulatory burdens. 100 percent of permits meet timeliness targets. The regulated community is certain about the need, content, and time frames for permits. Ecology and local air pollution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

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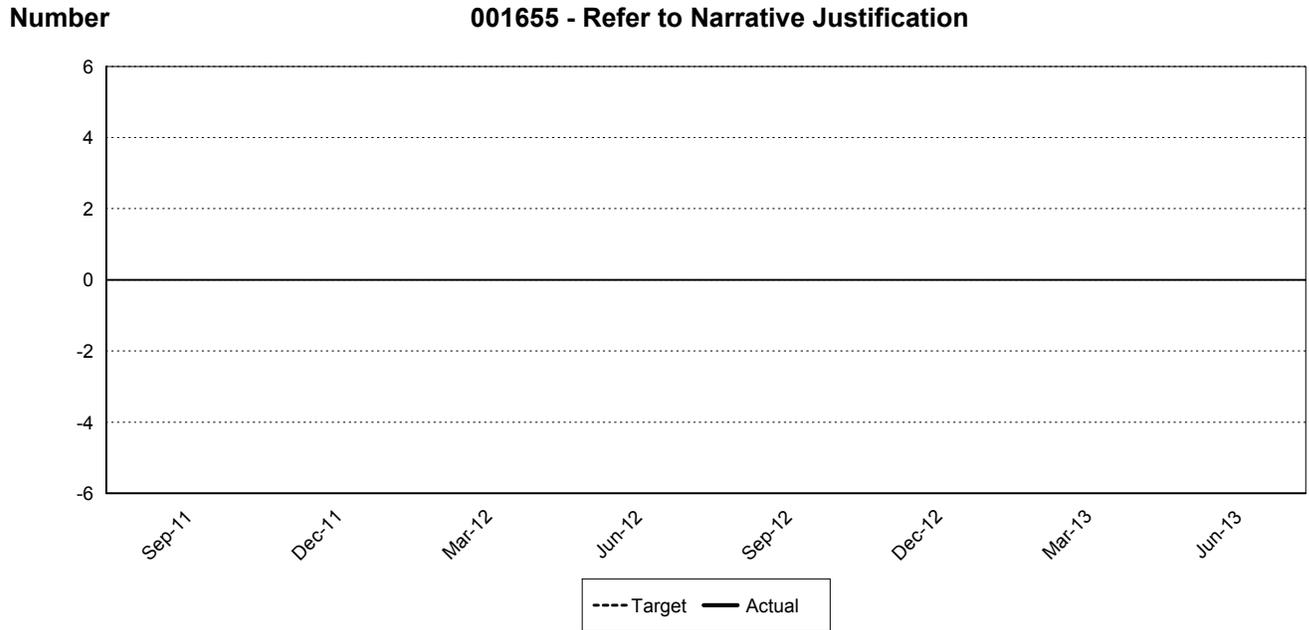
<b>000994 Average Notice of Construction permit processing time (days).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		30
	Q7		30
	Q6		30
	Q5		30
	Q4		30
	Q3		30
	Q2		30
	Q1		30
2009-11	Q8	22	30
	Q7	22	30
	Q6	33	30
	Q5	83	30
	Q4	20	30
	Q3	57	30
	Q2	79	30
	Q1	76	30
2007-09	Q8	19	30
	Q7	74	30
	Q6	63	30
	Q5	18	30
	Q4	13	30
	Q3	65	30
	Q2	20	30
	Q1	18	30

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**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, Ecology cannot ensure future attainment of federal air quality standards, avoid multi-million dollar control costs to businesses and citizens, or reduce or prevent harmful health effects. To protect public health and the environment from motor vehicle pollution, Ecology implements the Washington Clean Car standards, a vehicle emission check program of nearly two million cars and trucks; promotes transportation alternatives and cleaner motor vehicles and fuels through voluntary, regulatory, and incentive programs; and retrofits school buses and other diesel engines with better emission controls.

Account	FY 2012	FY 2013	Biennial Total
FTE	19.4	19.4	19.4
<b>001 General Fund</b>			
001-1 State	\$2,198,000	\$2,135,000	\$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**

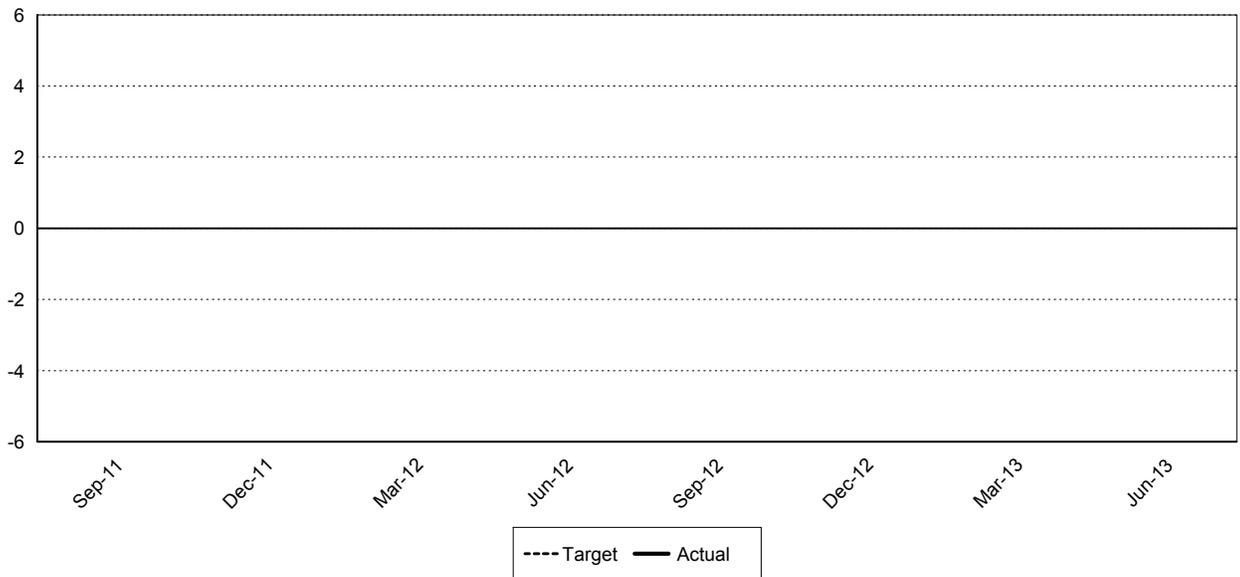
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

Air pollution emissions from motor vehicles are reduced. Pollution from on-road motor vehicles is reduced approximately 10% per year. Pollution from approximately two million cars is reduced by operating an Emission Check Program in three maintenance areas in the state. Diesel school bus and public fleet engine retrofits are completed and appropriate private sector engines are retrofitted with air pollution controls. State and Federal Diesel Emission Reduction Act (DERA) and American Recovery and Reinvestment Act (ARRA) funds are managed to reduce highest risk toxic diesel emissions. Strategies to reduce engine idling in high exposure areas (near schools and around truck stops) are developed and implemented.

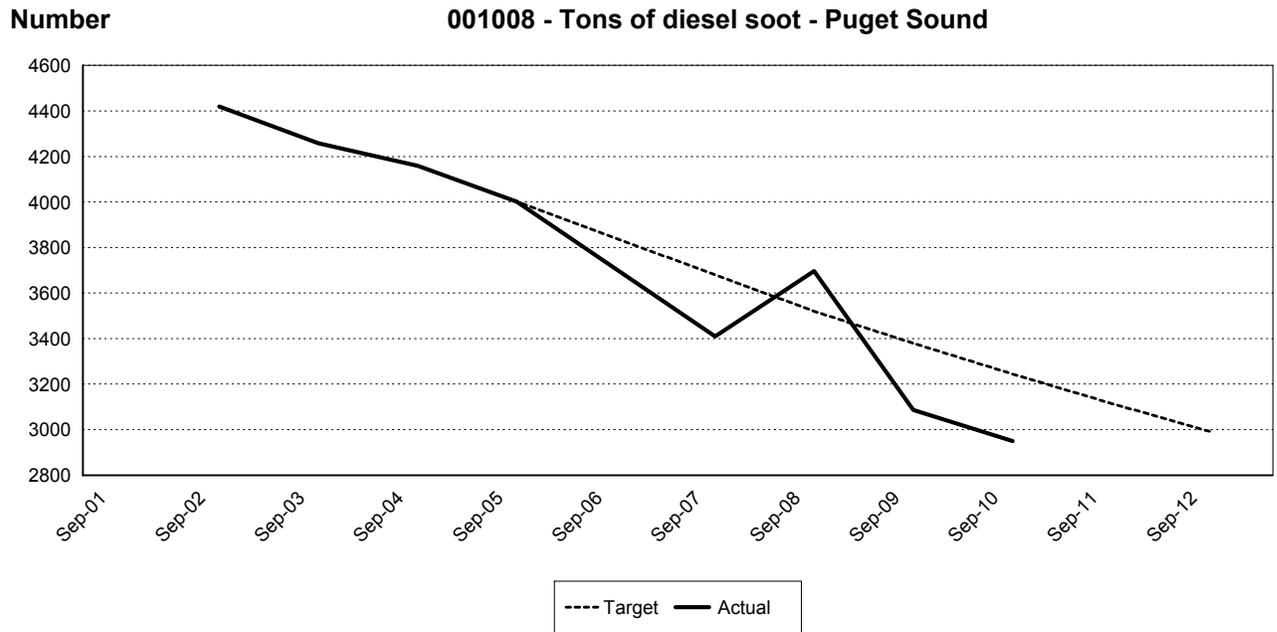
<b>001655 Refer to Narrative Justification</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

**Number**

**001655 - Refer to Narrative Justification**

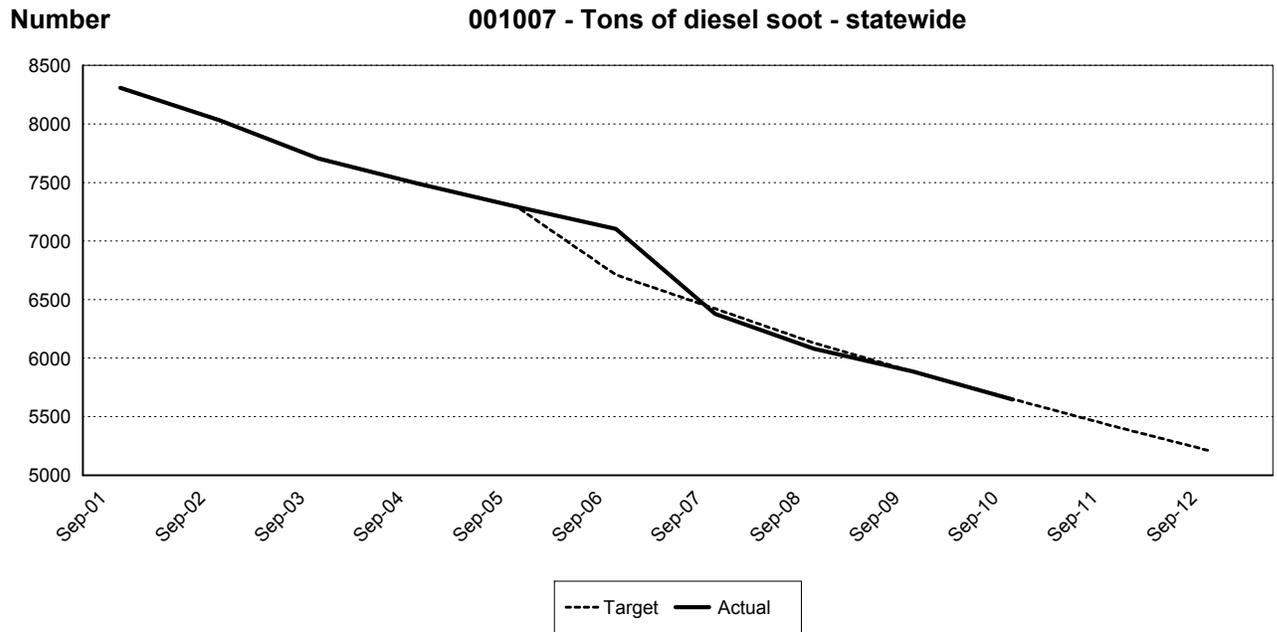


<b>001008 Tons of diesel soot emissions produced in counties contiguous to Puget Sound.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		2,990
	Q5		
	Q4		
	Q3		
	Q2		3,114
	Q1		
2009-11	Q8		
	Q7		
	Q6	2,950	3,244
	Q5		
	Q4		
	Q3		
	Q2	3,086	3,379
	Q1		
2007-09	Q8		
	Q7		
	Q6	3,696	3,520
	Q5		
	Q4		
	Q3		
	Q2	3,410	3,680
	Q1		



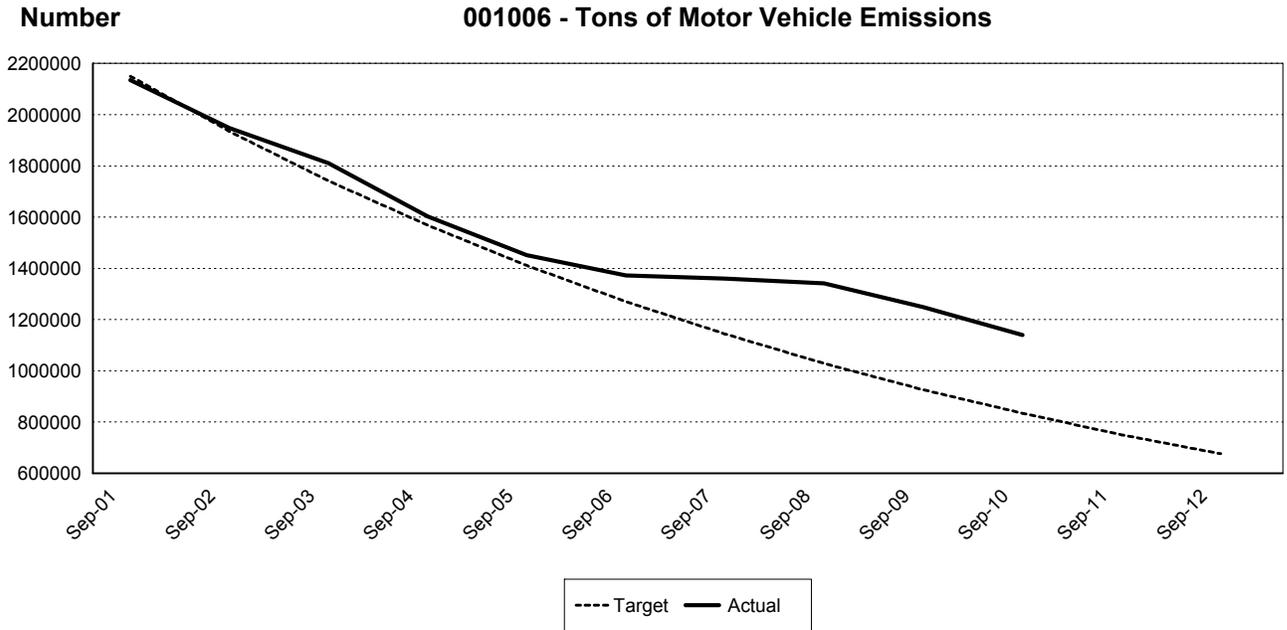
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

<b>001007 Tons of diesel soot emissions produced statewide.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		5,205
	Q5		
	Q4		
	Q3		
	Q2		5,422
	Q1		
2009-11	Q8		
	Q7		
	Q6	5,646	5,648
	Q5		
	Q4		
	Q3		
	Q2	5,885	5,883
	Q1		
2007-09	Q8		
	Q7		
	Q6	6,080	6,128
	Q5		
	Q4		
	Q3		
	Q2	6,377	6,420
	Q1		



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<b>001006 Tons of motor vehicle emissions produced statewide.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		674,707
	Q5		
	Q4		
	Q3		
	Q2		749,675
	Q1		
2009-11	Q8		
	Q7		
	Q6	1,138,981	832,972
	Q5		
	Q4		
	Q3		
	Q2	1,248,600	925,525
	Q1		
2007-09	Q8		
	Q7		
	Q6	1,341,292	1,028,361
	Q5		
	Q4		
	Q3		
	Q2	1,360,055	1,142,623
	Q1		



**A048 Reduce Health and Environmental Threats from Smoke**

Nagging regional smoke pollution plagues many areas in Washington and affects public health and quality of life. To address these continuing problems from outdoor burning, Ecology issues conditioned permits for agricultural, land clearing, fire training, and other outdoor burning, where required by law. The agency also produces daily burn forecasts; responds to and resolves complaints related to smoke; provides technical assistance to manage and prevent outdoor burning impacts and, through technical assistance, research, and demonstration projects, promotes development and use of practical alternatives to burning. To address smoke from residential wood heating Ecology: coordinates burn curtailments; conducts wood stove change-out programs; sets strict emission limits for new stoves and promotes development of cleaner-burning technologies; and coordinates with the Environmental Protection Agency (EPA) on standards for residential home heating appliances. The agency’s on-going goal is to achieve and maintain air quality levels in Washington communities that experts agree is sufficient to protect human health.

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	13.5	13.5	13.5
<b>216 Air Pollution Control Account</b>			
216-1 State	\$249,000	\$250,000	\$499,000
<b>001 General Fund</b>			
001-1 State	\$1,057,000	\$1,024,000	\$2,081,000
<b>023 Special Grass Seed Burning Research Account</b>			
023-1 State	\$3,000	\$0	\$3,000
<b>160 Wood Stove Education and Enforcement Account</b>			
160-1 State	\$290,000	\$291,000	\$581,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

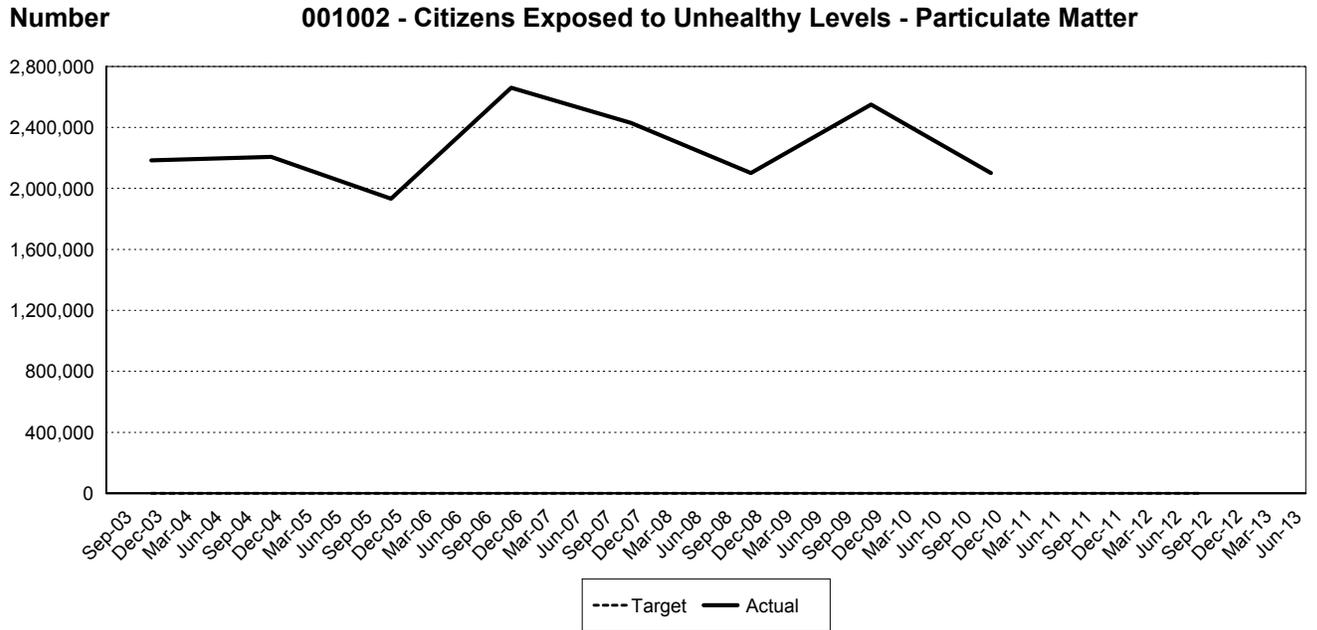
**Expected Results**

Public health threats from smoke 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. Wood stove emissions are reduced through creating and implementing 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 devices.

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001002 Number of citizens exposed to air quality that does not meet "healthy" levels for fine particle pollution.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		0
	Q4		
	Q3		
	Q2		0
	Q1		
2009-11	Q8		
	Q7		
	Q6	2,100,000	0
	Q5		
	Q4		
	Q3		
	Q2	2,550,000	0
	Q1		
2007-09	Q8		
	Q7		
	Q6	2,100,000	0
	Q5		
	Q4		
	Q3		
	Q2	2,430,000	0
	Q1		

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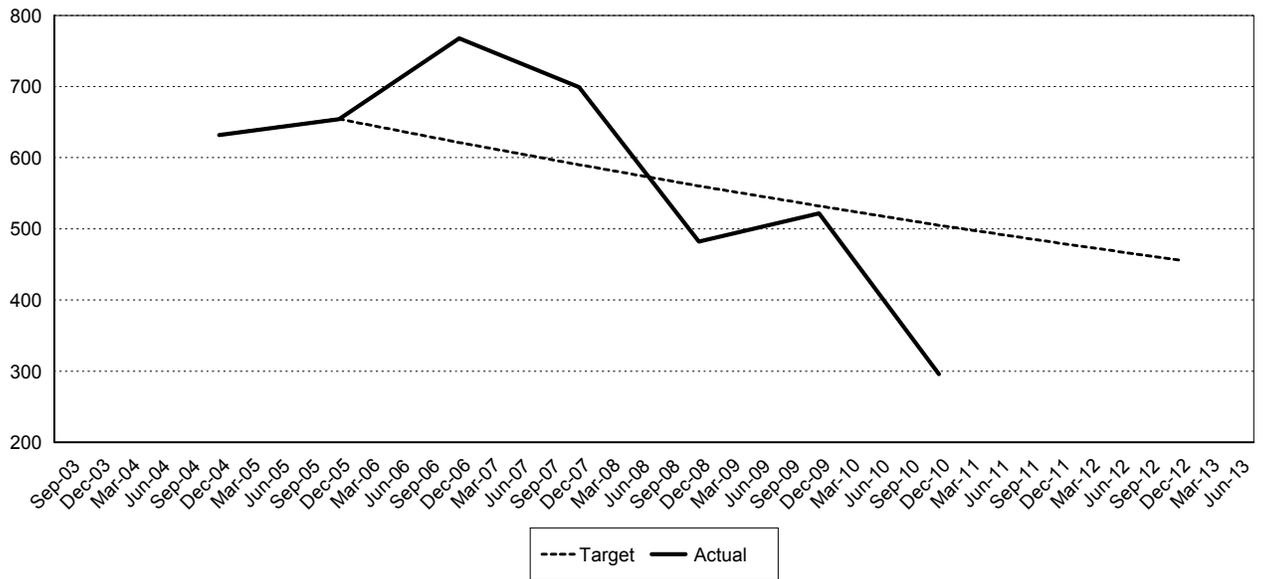
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001010 Number of times fine particle pollution is measured above a "healthy" level.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		456
	Q5		
	Q4		
	Q3		
	Q2		480
	Q1		
2009-11	Q8		
	Q7		
	Q6	296	505
	Q5		
	Q4		
	Q3		
	Q2	522	532
	Q1		
2007-09	Q8		
	Q7		
	Q6	482	560
	Q5		
	Q4		
	Q3		
	Q2	699	590
	Q1		

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Number

001010 - Number of Times PM2.5 exceeds Healthy levels



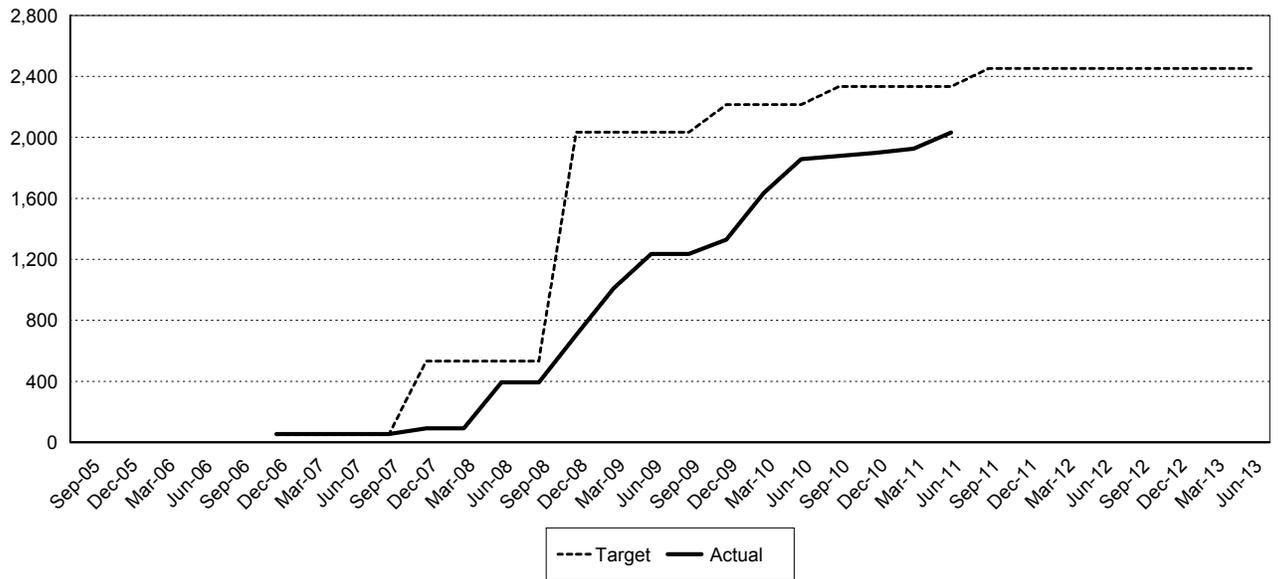
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001003 Number of woodstoves replaced with cleaner burning technologies.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		2,450
	Q7		2,450
	Q6		2,450
	Q5		2,450
	Q4		2,450
	Q3		2,450
	Q2		2,450
	Q1		2,450
2009-11	Q8	2,033	2,332
	Q7	1,927	2,332
	Q6	1,898	2,332
	Q5	1,879	2,332
	Q4	1,858	2,212
	Q3	1,634	2,212
	Q2	1,329	2,212
	Q1	1,236	2,032
2007-09	Q8	1,236	2,032
	Q7	1,011	2,032
	Q6	705	2,032
	Q5	392	532
	Q4	392	532
	Q3	91	532
	Q2	91	532
	Q1	54	50

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

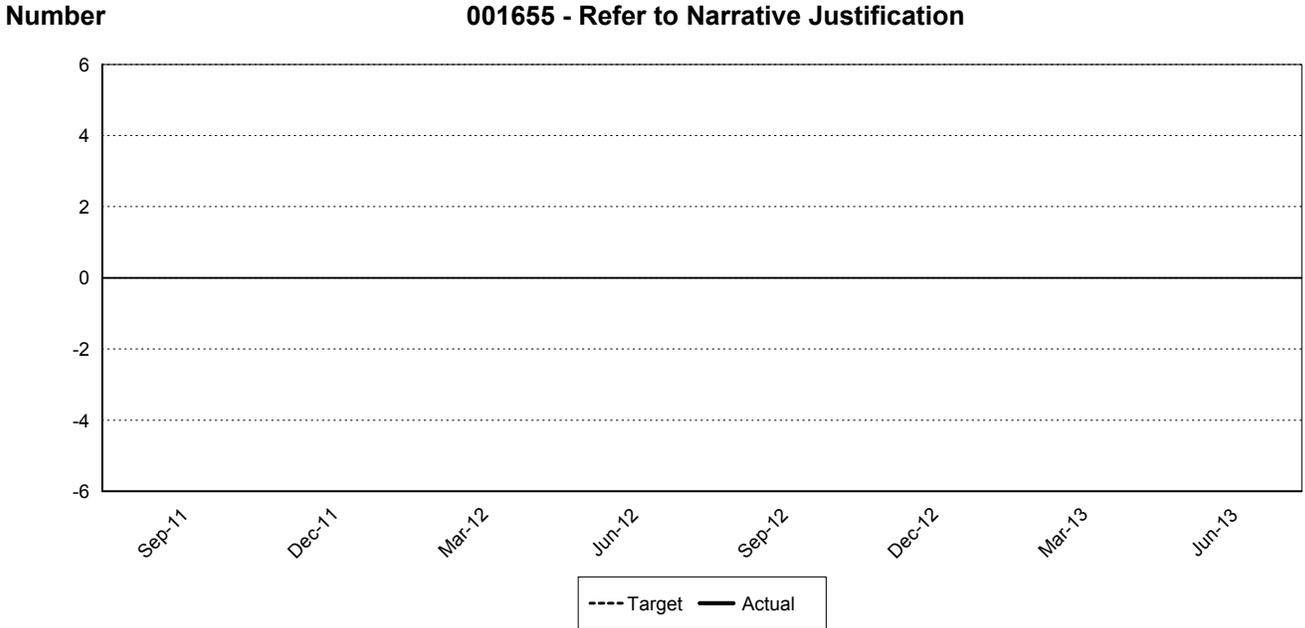
Number

001003 - Number of Woodstoves Changed Out



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity



**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. Ecology 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 2012	FY 2013	Biennial Total
<b>FTE</b>	24.5	25.3	24.9
<b>001 General Fund</b>			
001-1 State	\$463,000	\$353,000	\$816,000
001-2 Federal	\$1,828,000	\$1,825,000	\$3,653,000
<b>001 Account Total</b>	<b>\$2,291,000</b>	<b>\$2,178,000</b>	<b>\$4,469,000</b>
<b>027 Reclamation Revolving Account</b>			
027-1 State	\$510,000	\$497,000	\$1,007,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$497,000	\$415,000	\$912,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

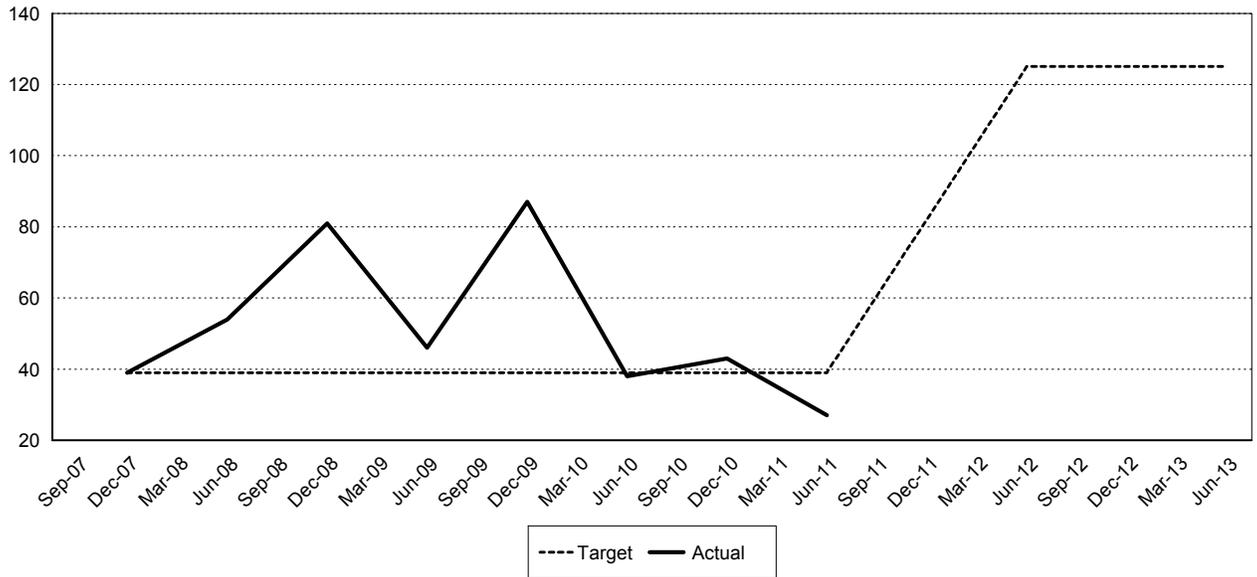
**Expected Results**

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.

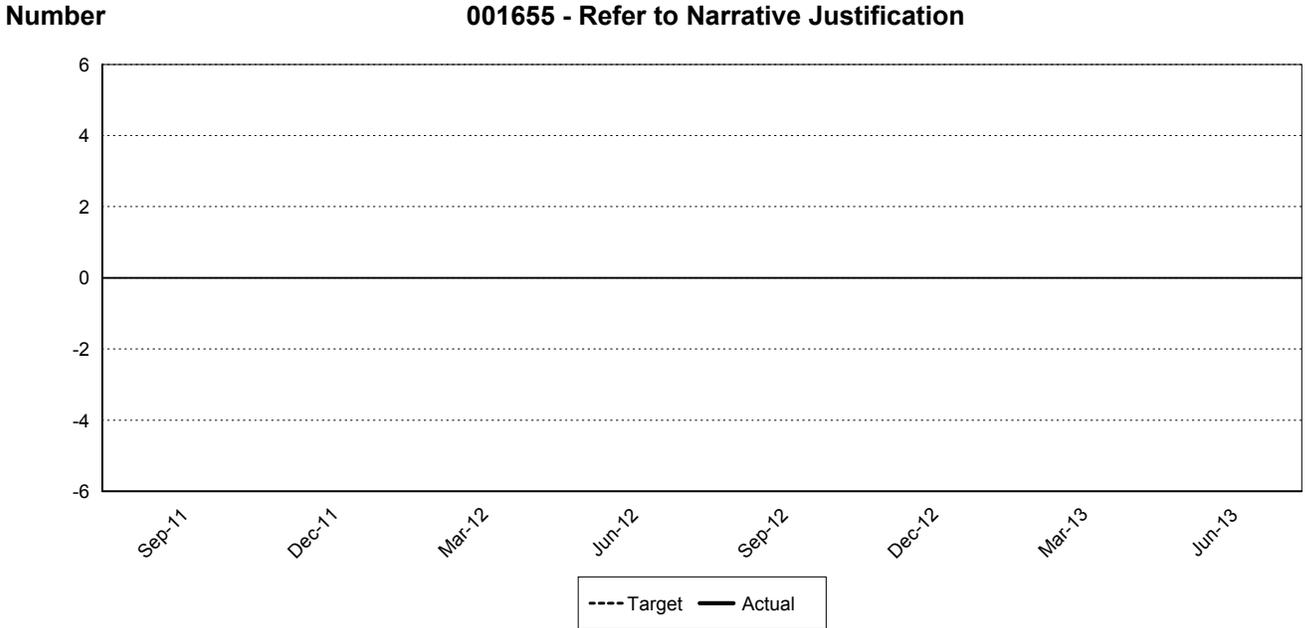
<b>001564 Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		125
	Q7		
	Q6		
	Q5		
	Q4		125
	Q3		
	Q2		
	Q1		
2009-11	Q8	27	39
	Q7		
	Q6	43	39
	Q5		
	Q4	38	39
	Q3		
	Q2	87	39
	Q1		
2007-09	Q8	46	39
	Q7		
	Q6	81	39
	Q5		
	Q4	54	39
	Q3		
	Q2	39	39
	Q1		

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**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 2012	FY 2013	Biennial Total
<b>FTE</b>	2.8	2.8	2.8
<b>173 State Toxics Control Account</b>			
173-1 State	\$468,000	\$449,000	\$917,000

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

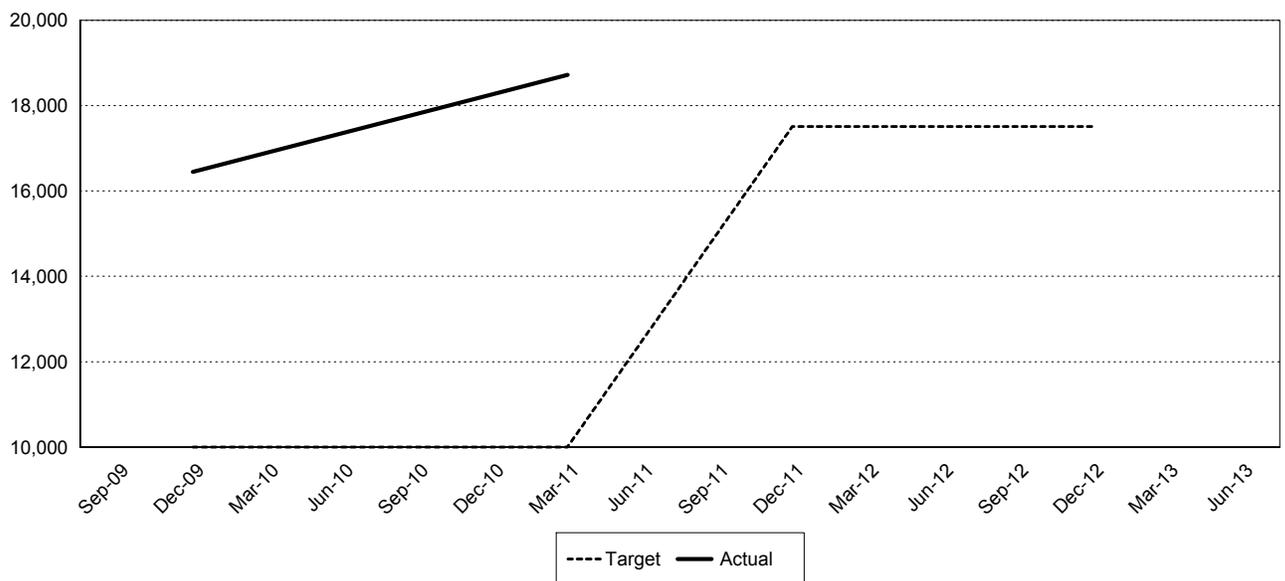
**Expected Results**

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

Through the development of chemical action plans 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. Ecology will work with affected stakeholders to implement the Lead Chemical Action Plan. Ecology will collect data for a chemical action plan for poly-aromatic hydrocarbons.

001490 Number of children tested for lead in blood. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		17,500
	Q5		
	Q4		
	Q3		
	Q2		17,500
	Q1		
2009-11	Q8		
	Q7	18,719	10,000
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	16,451	10,000
	Q1		

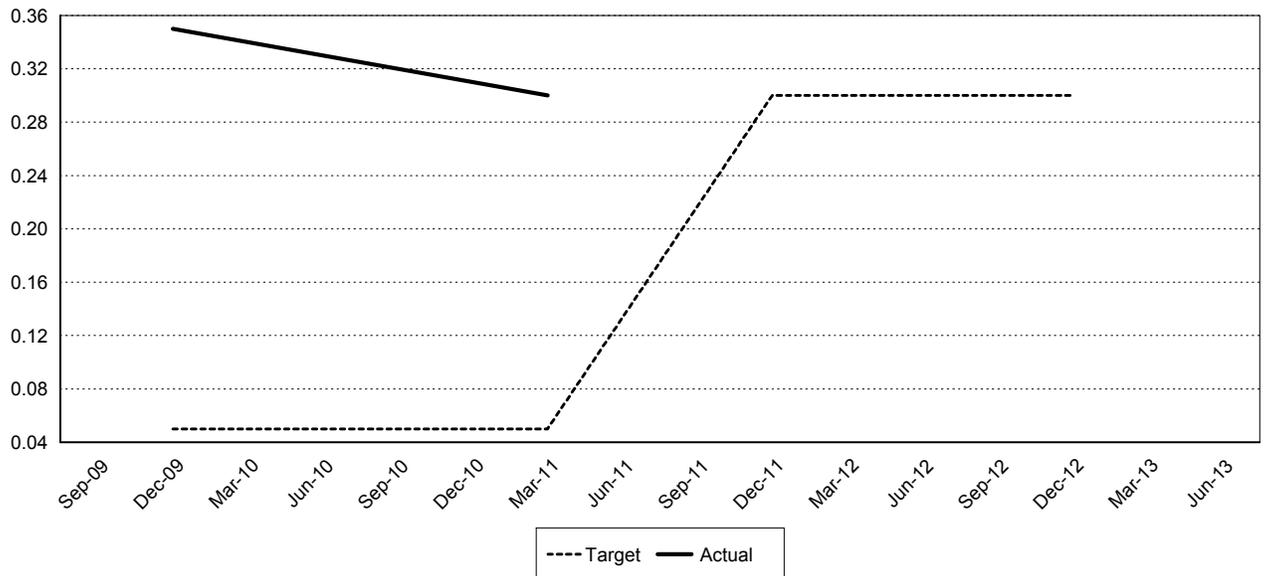
Number 001490 - Number of children tested for lead in blood



Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

001491 Percent of tested-children, less than 7 years old, with elevated lead blood levels. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		0.3%
	Q5		
	Q4		
	Q3		
	Q2		0.3%
	Q1		
2009-11	Q8		
	Q7	0.3%	0.05%
	Q6		
	Q5		
	Q4		
	Q3		
	Q2	0.35%	0.05%
	Q1		

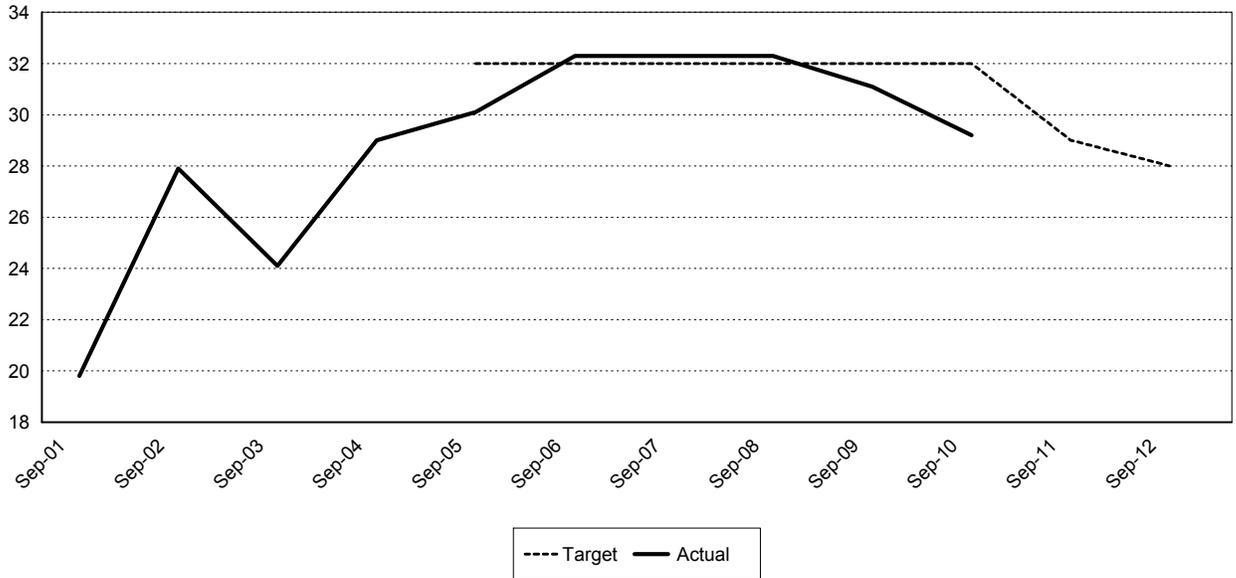
Percent 001491 - Percent of tested children with elevated lead blood levels



Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		28
	Q5		
	Q4		
	Q3		
	Q2		29
	Q1		
2009-11	Q8		
	Q7		
	Q6	29.2	32
	Q5		
	Q4		
	Q3		
	Q2	31.1	32
	Q1		
2007-09	Q8		
	Q7		
	Q6	32.3	32
	Q5		
	Q4		
	Q3		
	Q2	32.3	32
	Q1		

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

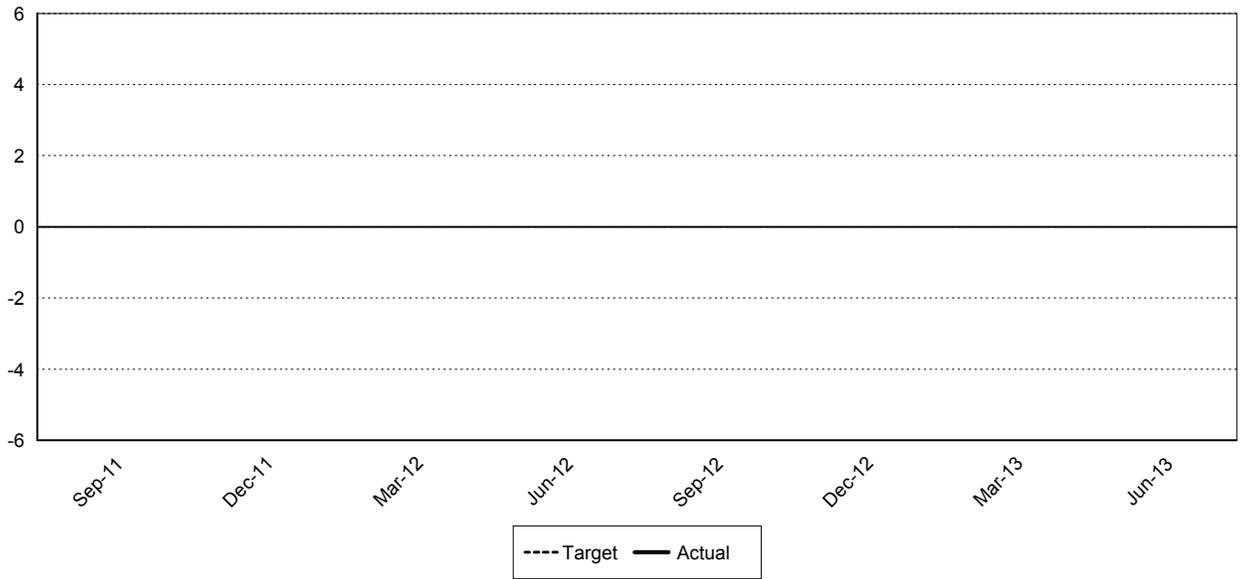


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

Number

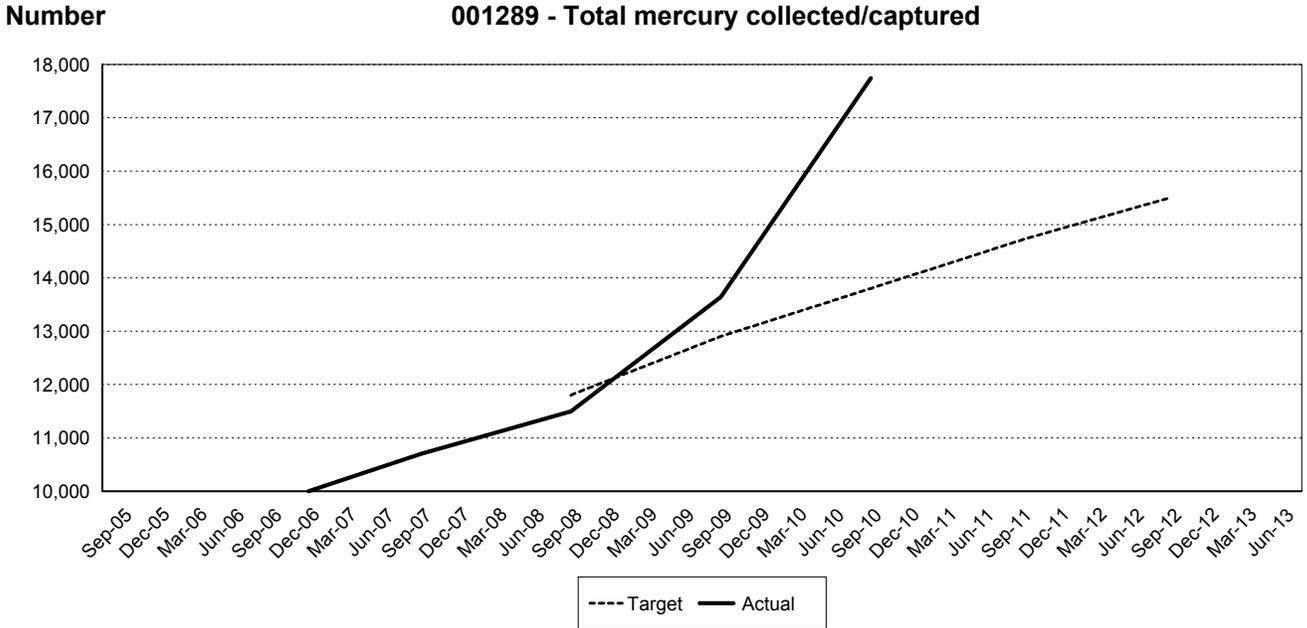
001655 - Refer to Narrative Justification



Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001289 Cumulative pounds of mercury collected and/or captured while implementing Ecology's mercury chemical action plan (measured once annually).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		15,500
	Q4		
	Q3		
	Q2		
	Q1		14,700
2009-11	Q8		
	Q7		
	Q6		
	Q5	17,744	13,800
	Q4		
	Q3		
	Q2		
	Q1	13,640	12,900
2007-09	Q8		
	Q7		
	Q6		
	Q5	11,500	11,800
	Q4		
	Q3		
	Q2		
	Q1	10,700	

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**A051 Reduce Risk from Toxic Air Pollutants**

No outdoor air quality standards, and few emission limits, have been established for the hundreds of toxic chemicals (totaling millions of pounds) emitted into the air each year in Washington. Emerging assessments and toxics risk models indicate the levels and extent of airborne toxics pose significant health and environmental risks, including cancer, other serious health effects, and death. Ecology has identified 16 high-risk toxic air pollutants that are prevalent in Washington. To significantly reduce potential risk to the public, Ecology conducts annual air toxics emission inventories; operates air toxics monitoring sites; limits toxic emissions through permit conditions for commercial facilities, combustion processes, and outdoor burning; and implements programs to reduce emissions from diesel engines and indoor wood heating devices

Account	FY 2012	FY 2013	Biennial Total
FTE	5.4	5.4	5.4
<b>001 General Fund</b>			
001-1 State	\$545,000	\$529,000	\$1,074,000
001-2 Federal	\$61,000	\$61,000	\$122,000
<b>001 Account Total</b>	<b>\$606,000</b>	<b>\$590,000</b>	<b>\$1,196,000</b>

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

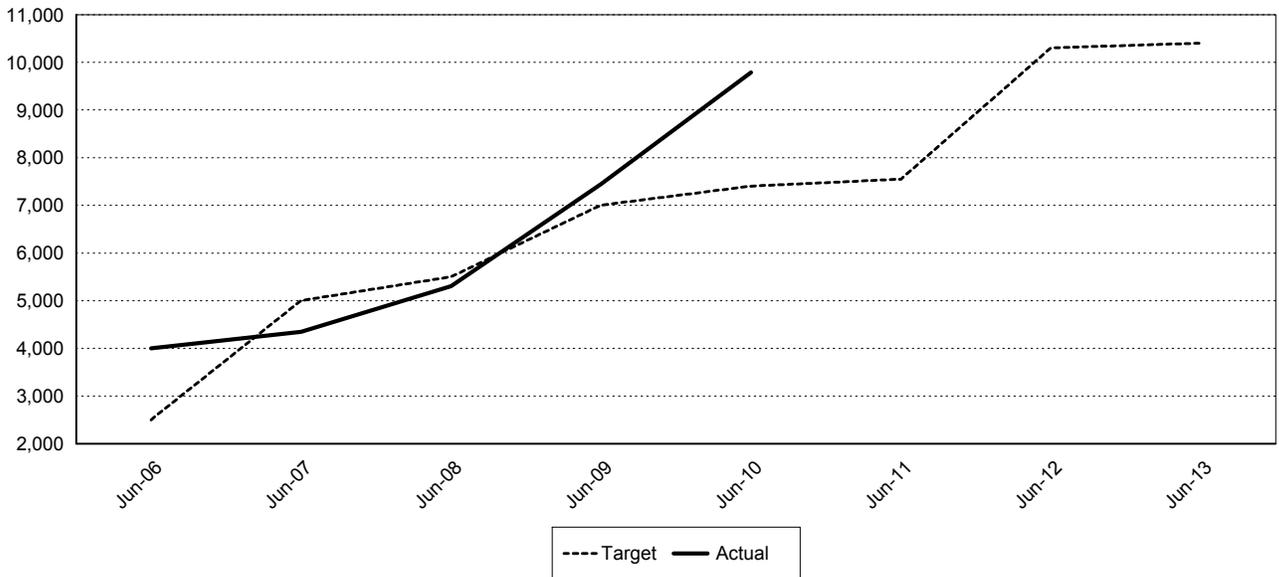
**Expected Results**

*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

The public health threat from toxic air pollutants is minimized. Diesel soot emissions are reduced 40 percent by 2015 compared to a 2005 baseline. State and Federal Diesel Emission Reduction Act (DERA) and American Recovery and Reinvestment Act (ARRA) 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) continue to be developed and implemented.

<b>000992 Number of diesel vehicles engines (school buses and public and private sector equipment) retrofitted with pollution control equipment.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	A3		10,400
	A2		10,300
2009-11	A3		7,550
	A2	9,788	7,400
2007-09	A3	7,447	7,000
	A2	5,307	5,500

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

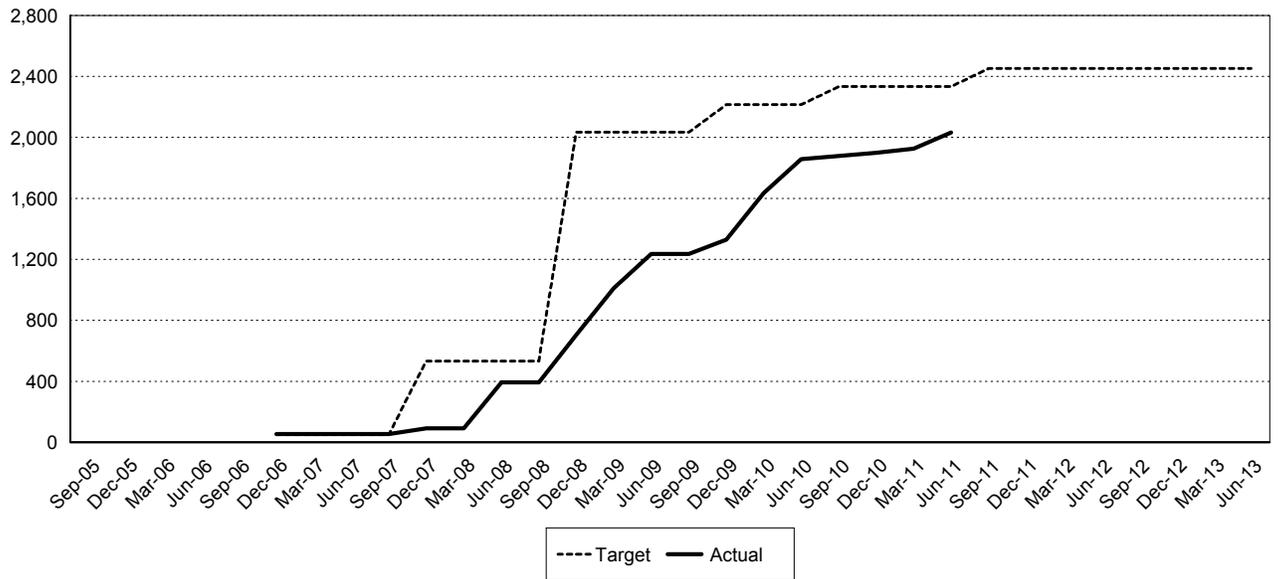


Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001003 Number of woodstoves replaced with cleaner burning technologies.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		2,450
	Q7		2,450
	Q6		2,450
	Q5		2,450
	Q4		2,450
	Q3		2,450
	Q2		2,450
	Q1		2,450
2009-11	Q8	2,033	2,332
	Q7	1,927	2,332
	Q6	1,898	2,332
	Q5	1,879	2,332
	Q4	1,858	2,212
	Q3	1,634	2,212
	Q2	1,329	2,212
	Q1	1,236	2,032
2007-09	Q8	1,236	2,032
	Q7	1,011	2,032
	Q6	705	2,032
	Q5	392	532
	Q4	392	532
	Q3	91	532
	Q2	91	532
	Q1	54	50

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

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

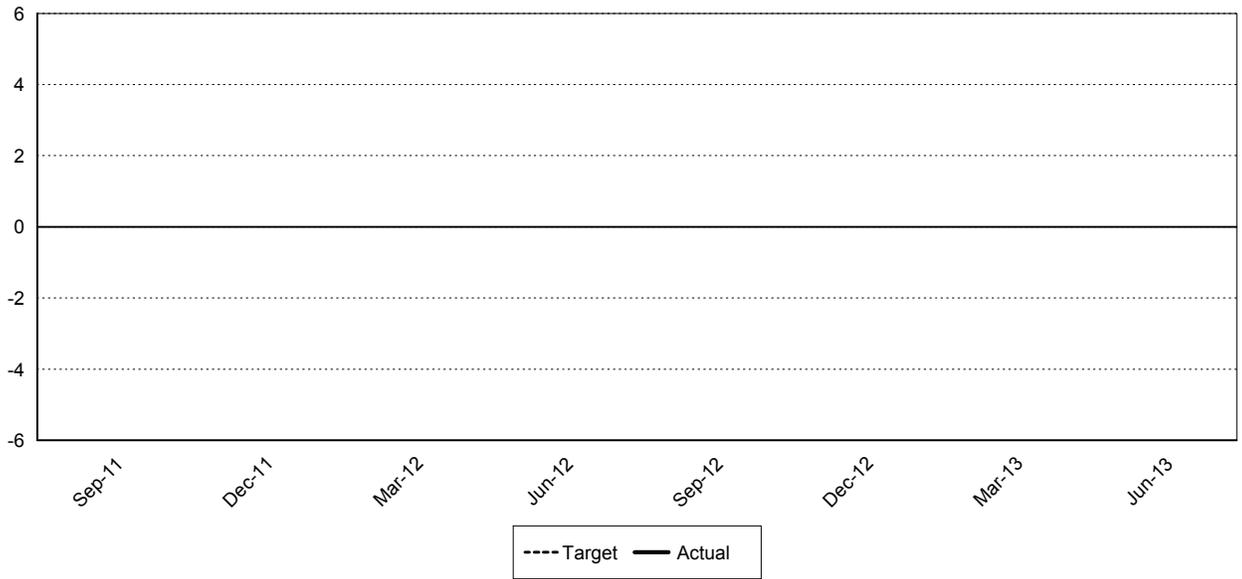


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

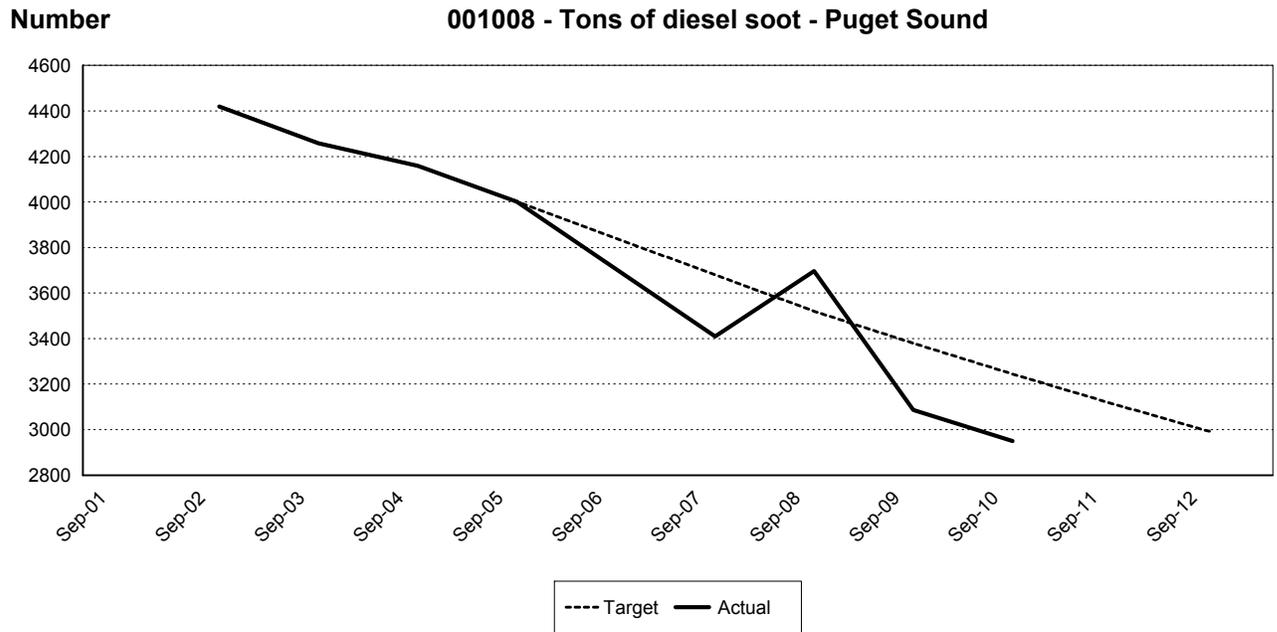
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

Number

001655 - Refer to Narrative Justification

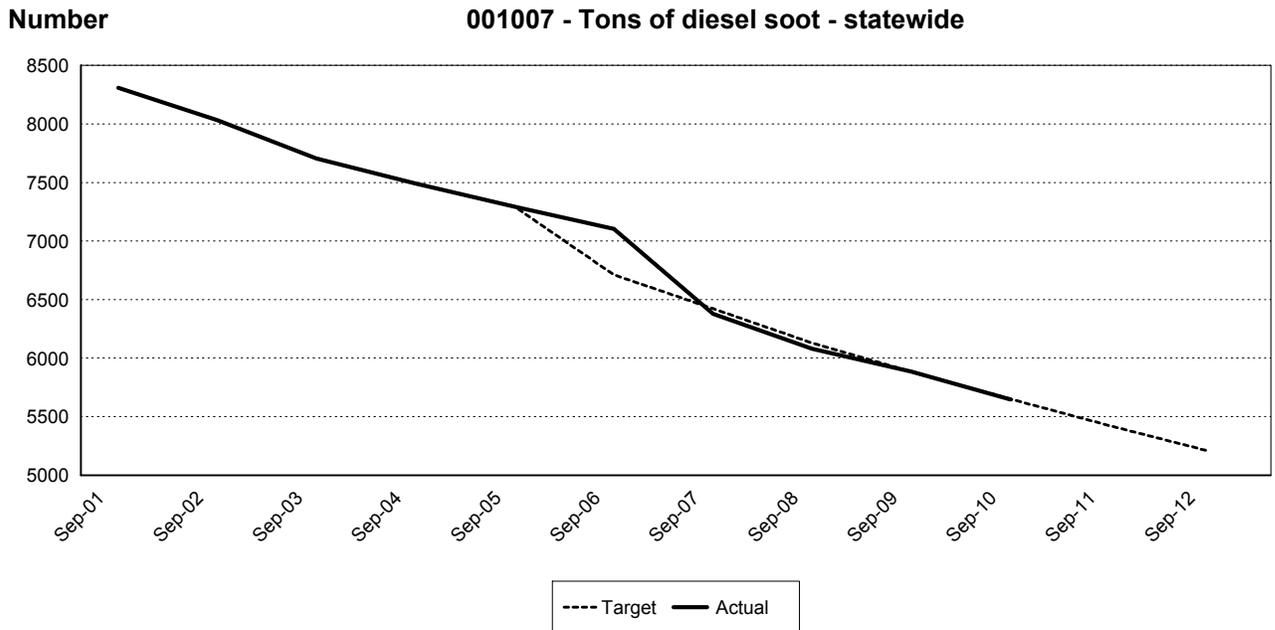


<b>001008 Tons of diesel soot emissions produced in counties contiguous to Puget Sound.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		2,990
	Q5		
	Q4		
	Q3		
	Q2		3,114
	Q1		
2009-11	Q8		
	Q7		
	Q6	2,950	3,244
	Q5		
	Q4		
	Q3		
	Q2	3,086	3,379
	Q1		
2007-09	Q8		
	Q7		
	Q6	3,696	3,520
	Q5		
	Q4		
	Q3		
	Q2	3,410	3,680
	Q1		



Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001007 Tons of diesel soot emissions produced statewide.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		5,205
	Q5		
	Q4		
	Q3		
	Q2		5,422
	Q1		
2009-11	Q8		
	Q7		
	Q6	5,646	5,648
	Q5		
	Q4		
	Q3		
	Q2	5,885	5,883
	Q1		
2007-09	Q8		
	Q7		
	Q6	6,080	6,128
	Q5		
	Q4		
	Q3		
	Q2	6,377	6,420
	Q1		



**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: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	21.7	21.7	21.7
<b>001 General Fund</b>			
001-2 Federal	\$392,000	\$398,000	\$790,000
<b>207 Hazardous Waste Assistance Account</b>			
207-1 State	\$1,217,000	\$1,300,000	\$2,517,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$855,000	\$886,000	\$1,741,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

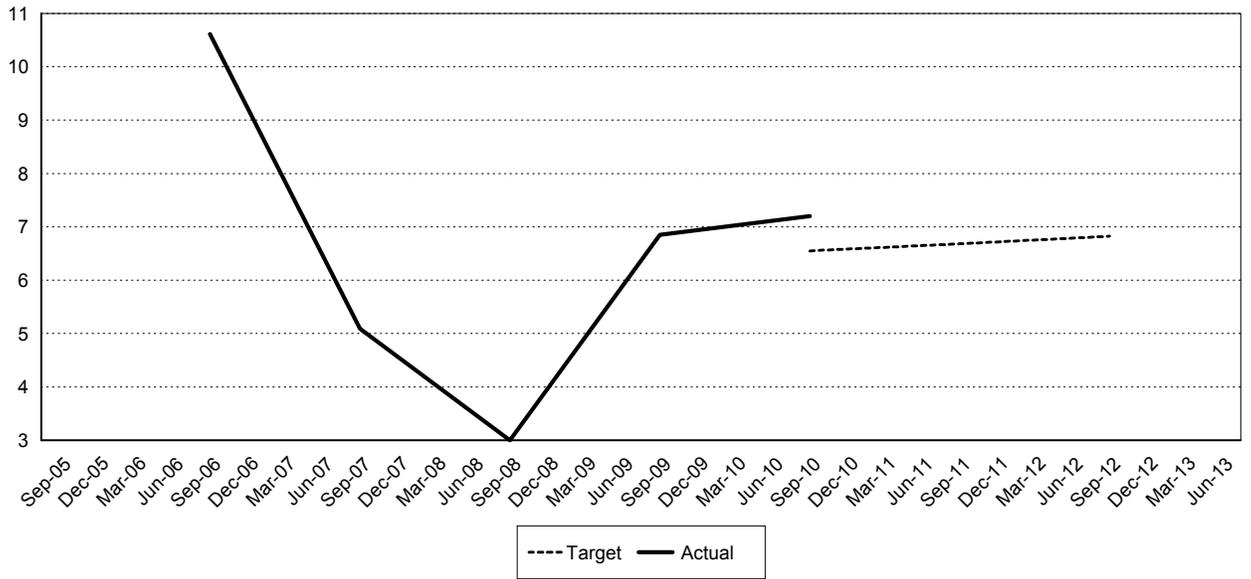
Hazardous waste generation is reduced by two percent each year (approximately 5 million pounds), resulting in clean-up and disposal cost savings for businesses, reduced public exposure, and fewer cleanups. Work with a total of 500 pollution prevention planners, including up to 70 businesses, to reduce 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. 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. 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).

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001297 Annual pounds of hazardous materials reduced (in millions).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		6.82
	Q4		
	Q3		
	Q2		
	Q1		6.68
2009-11	Q8		
	Q7		
	Q6		
	Q5	7.2	6.55
	Q4		
	Q3		
	Q2		
	Q1	6.85	
2007-09	Q8		
	Q7		
	Q6		
	Q5	3	
	Q4		
	Q3		
	Q2		
	Q1	5.09	

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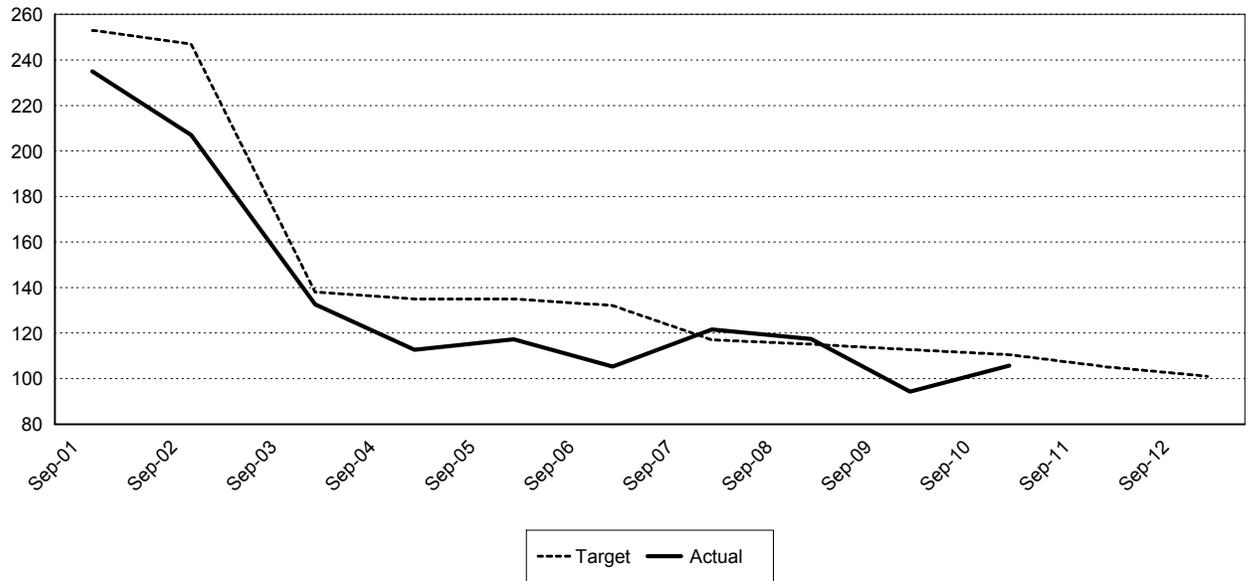
Number 001297 - Annual pounds of hazardous materials reduced (in millions)



Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001282 Annual pounds of hazardous waste generated (in millions).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		101
	Q6		
	Q5		
	Q4		
	Q3		105
	Q2		
	Q1		
2009-11	Q8		
	Q7	105.77	110.4
	Q6		
	Q5		
	Q4		
	Q3	94.25	112.7
	Q2		
	Q1		
2007-09	Q8		
	Q7	117.46	115
	Q6		
	Q5		
	Q4		
	Q3	121.6	117
	Q2		
	Q1		

**Number**                      **001282 - Annual pounds of hazardous waste generated (in millions)**

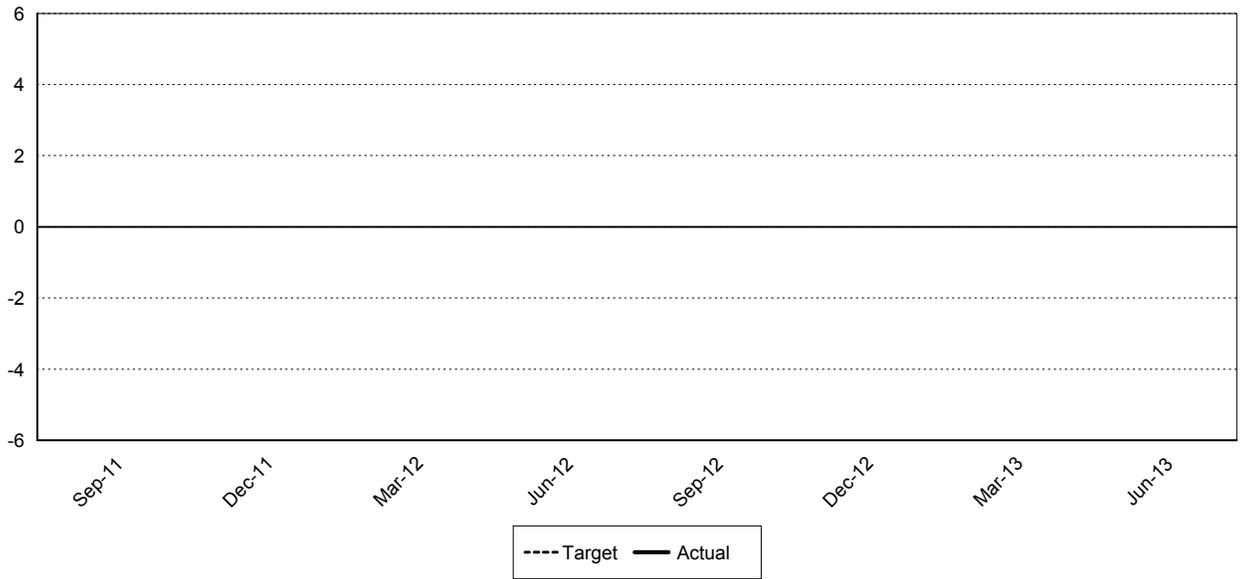


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Number

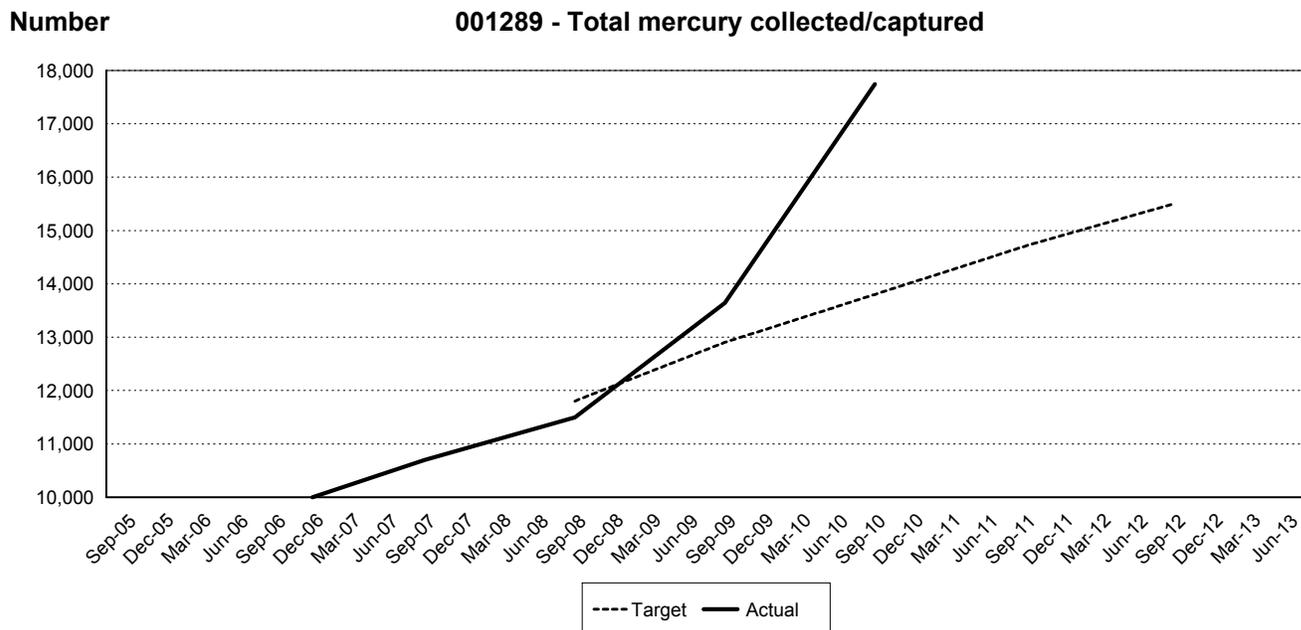
001655 - Refer to Narrative Justification



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<b>001289 Cumulative pounds of mercury collected and/or captured while implementing Ecology's mercury chemical action plan (measured once annually).</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		15,500
	Q4		
	Q3		
	Q2		
	Q1		14,700
2009-11	Q8		
	Q7		
	Q6		
	Q5	17,744	13,800
	Q4		
	Q3		
	Q2		
	Q1	13,640	12,900
2007-09	Q8		
	Q7		
	Q6		
	Q5	11,500	11,800
	Q4		
	Q3		
	Q2		
	Q1	10,700	

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### 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 2012	FY 2013	Biennial Total
<b>FTE</b>	9.1	9.1	9.1
<b>001 General Fund</b>			
001-1 State	\$304,000	\$302,000	\$606,000
<b>027 Reclamation Revolving Account</b>			
027-1 State	\$586,000	\$586,000	\$1,172,000

**Statewide Result Area: Improve the health of Washingtonians**

**Statewide Strategy: Mitigate environmental hazards**

#### Expected Results

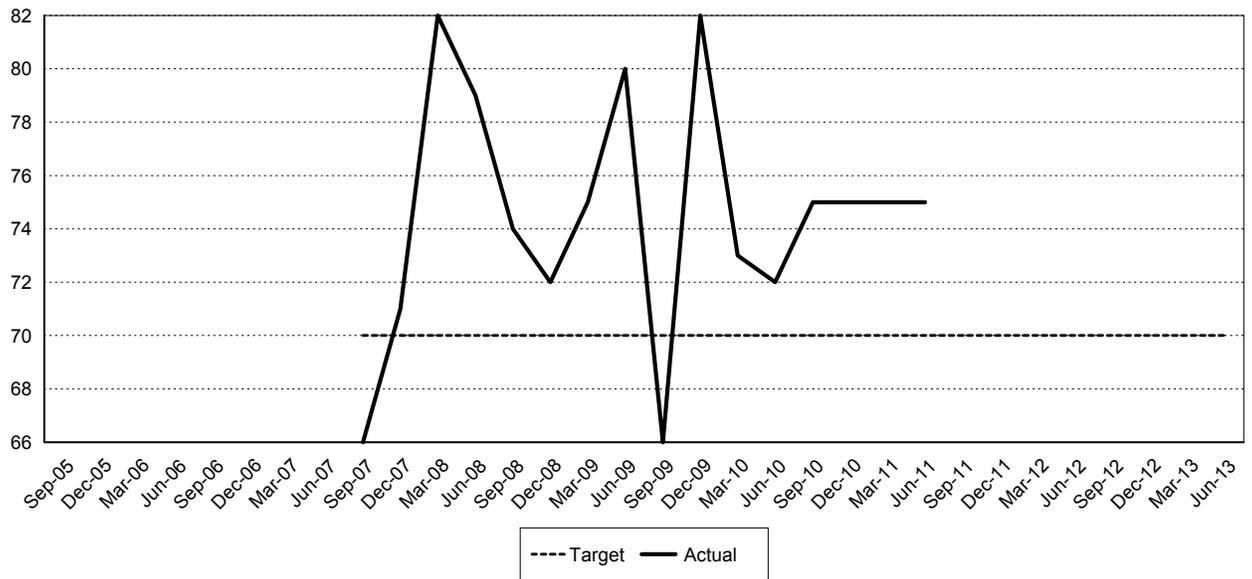
Public and environmental health and safety is protected. Improved protection of consumers, well drillers, and the environment. Well drillers get licensing and training services. Well drilling is regulated.

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001576 Percent of water supply wells inspected in delegated counties</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		70%
	Q7		70%
	Q6		70%
	Q5		70%
	Q4		70%
	Q3		70%
	Q2		70%
	Q1		70%
2009-11	Q8	75%	70%
	Q7	75%	70%
	Q6	75%	70%
	Q5	75%	70%
	Q4	72%	70%
	Q3	73%	70%
	Q2	82%	70%
	Q1	66%	70%
2007-09	Q8	80%	70%
	Q7	75%	70%
	Q6	72%	70%
	Q5	74%	70%
	Q4	79%	70%
	Q3	82%	70%
	Q2	71%	70%
	Q1	66%	70%

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**Percent 001576 - Percent of water supply wells inspected in delegated counties**

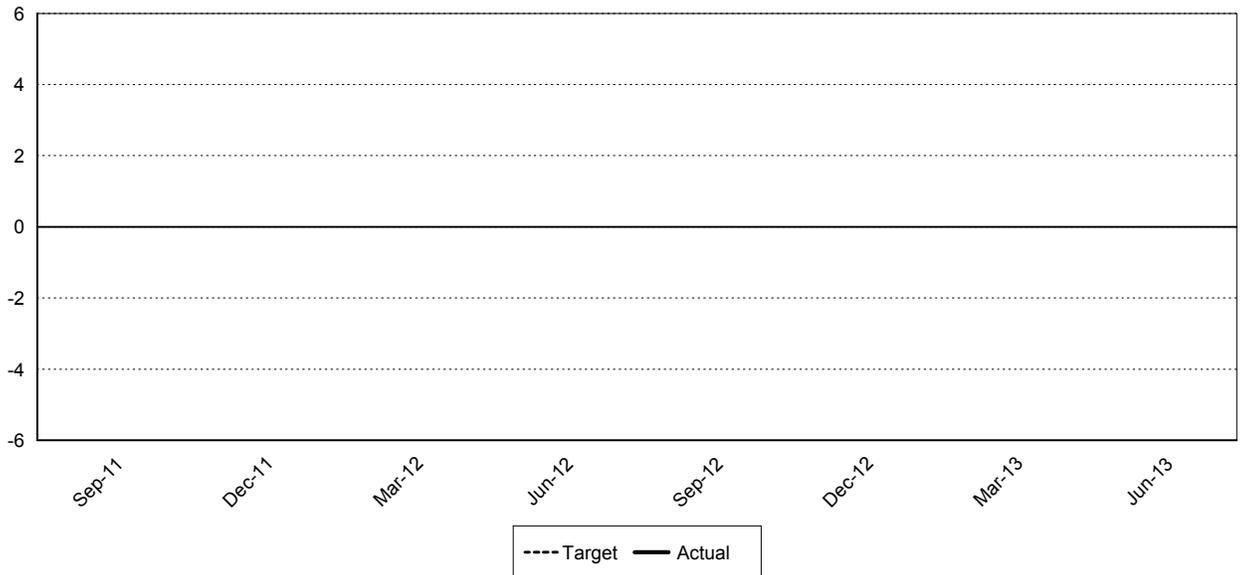


001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Number

001655 - Refer to Narrative Justification



**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. Ecology is responsible for rapidly responding to and overseeing the cleanup of oil spills, hazardous material incidents, methamphetamine drug labs, and helping other "first response" organizations during Weapons of Mass Destruction (WMD) incidents. This work is done through the following core activities 24-hours-a-day, statewide: Response capability from five field offices; coordination with local, state and federal law enforcement agencies for methamphetamine drug lab cleanup; compliance actions for violations related to oil and hazardous material spills.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	31.0	31.0	31.0
<b>001 General Fund</b>			
001-1 State	\$9,000	\$9,000	\$18,000
001-7 Private/Local	\$57,000	\$57,000	\$114,000
<b>001 Account Total</b>	<b>\$66,000</b>	<b>\$66,000</b>	<b>\$132,000</b>
<b>223 Oil Spill Response Account</b>			
223-1 State	\$3,538,000	\$3,538,000	\$7,076,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$3,799,000	\$3,848,000	\$7,647,000
<b>176 Water Quality Permit Account</b>			
176-1 State	\$3,000	\$3,000	\$6,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

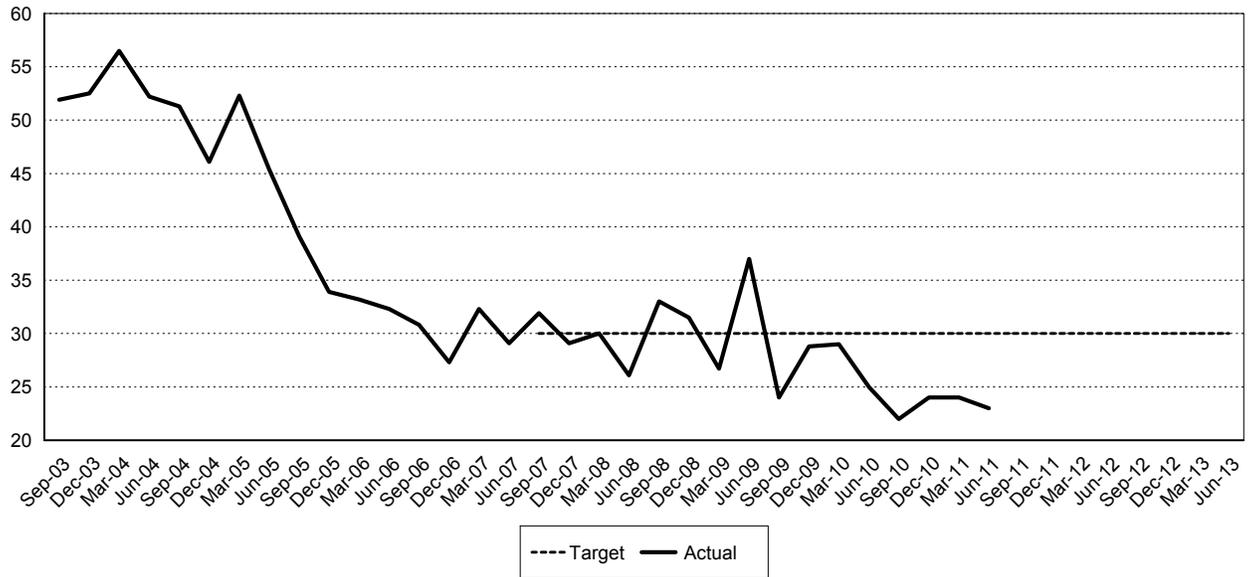
**Expected Results**

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 a day and seven days a 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.

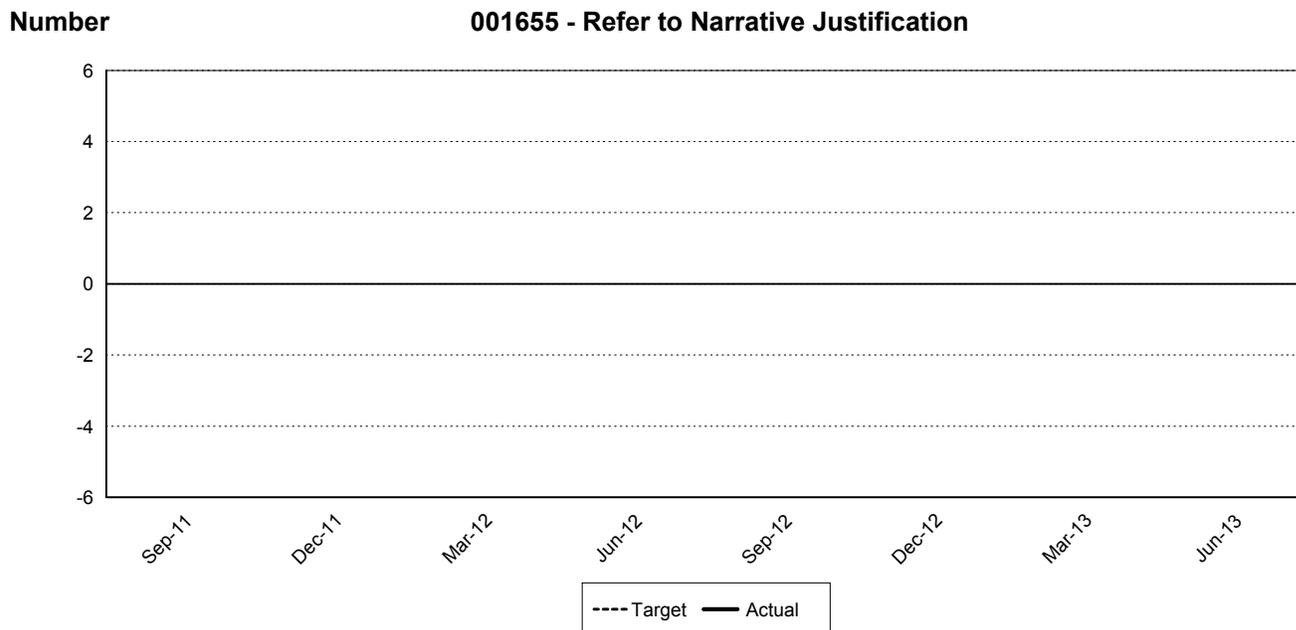
<b>001475 Percent of reported incidents that receive field responses by Spills staff.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		30%
	Q7		30%
	Q6		30%
	Q5		30%
	Q4		30%
	Q3		30%
	Q2		30%
	Q1		30%
2009-11	Q8	23%	30%
	Q7	24%	30%
	Q6	24%	30%
	Q5	22%	30%
	Q4	25%	30%
	Q3	29%	30%
	Q2	28.8%	30%
	Q1	24%	30%
2007-09	Q8	37%	30%
	Q7	26.7%	30%
	Q6	31.5%	30%
	Q5	33%	30%
	Q4	26.1%	30%
	Q3	30%	30%
	Q2	29.1%	30%
	Q1	31.9%	30%

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**A055 Restore Public Natural Resources Damaged by Oil Spills**

Ecology leads a multi-agency natural resource trustee committee to assess damages to publicly-owned natural resources from oil spills. This work is done through the following core activities: Assessing the monetary value of damaged natural resources; seeking fair compensation from the responsible parties; chairing the Coastal Protection Committee to ensure the money collected is used for projects to restore the environmental damage; and conducting site follow-up visits to ensure accountability of project success after the project is completed.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	2.3	2.2	2.3
<b>408 Coastal Protection Account</b>			
408-6 Non-Appropriated	\$778,000	\$778,000	\$1,556,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$242,000	\$242,000	\$484,000

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

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

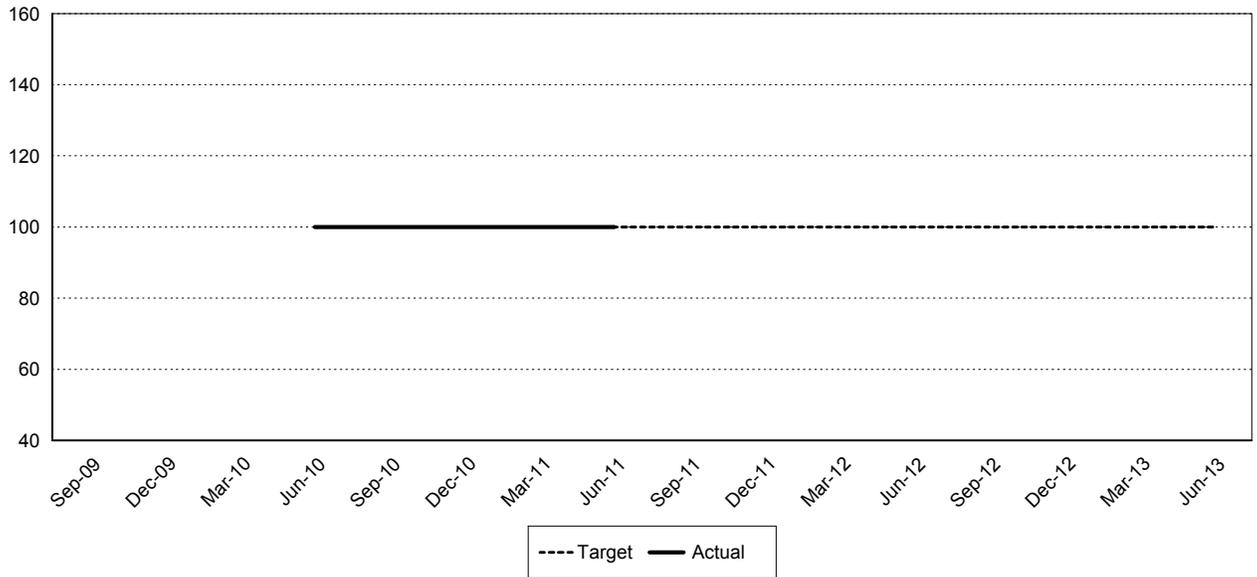
**Expected Results**

Environmental impacts to publicly-owned natural resources from oil spills 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.

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

001476 Percent of completed restoration projects that meet plan specifications.			
Biennium	Period	Actual	Target
2011-13	Q8		100%
	Q7		
	Q6		
	Q5		
	Q4		100%
	Q3		
	Q2		
	Q1		
2009-11	Q8	100%	100%
	Q7		
	Q6		
	Q5		
	Q4	100%	100%
	Q3		
	Q2		
	Q1		

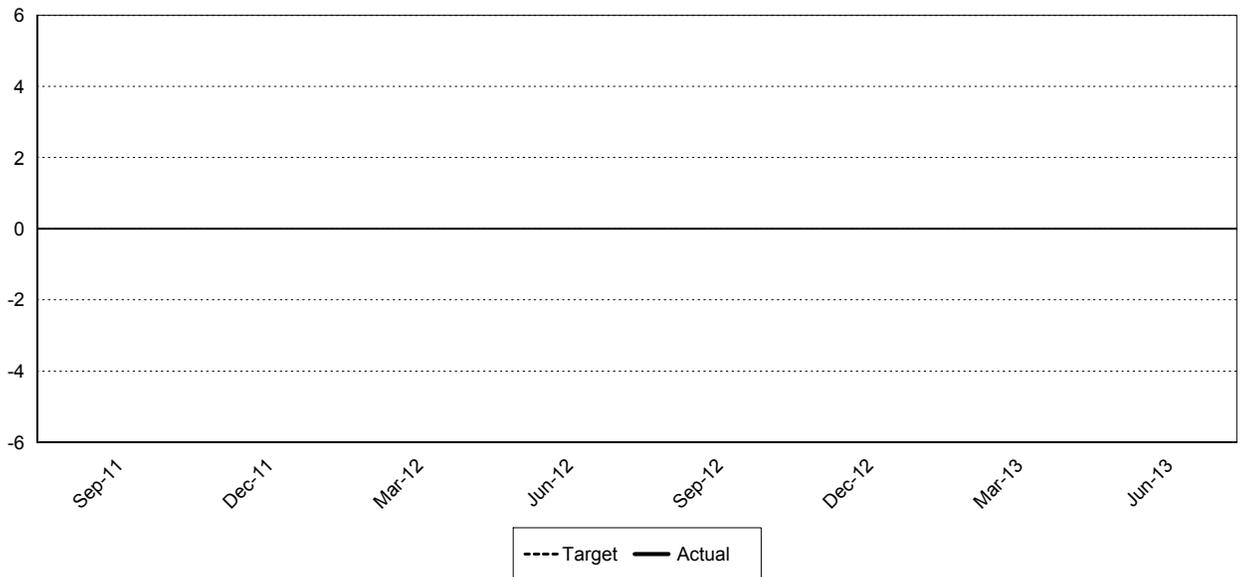
Percent 001476 - Percent of completed restoration projects that meet plan specifications



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



**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.

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Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	54.9	55.9	55.4
<b>001 General Fund</b>			
001-1 State	\$946,000	\$957,000	\$1,903,000
001-2 Federal	\$1,805,000	\$1,240,000	\$3,045,000
001-7 Private/Local	\$4,048,000	\$3,483,000	\$7,531,000
<b>001 Account Total</b>	<b>\$6,799,000</b>	<b>\$5,680,000</b>	<b>\$12,479,000</b>

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

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

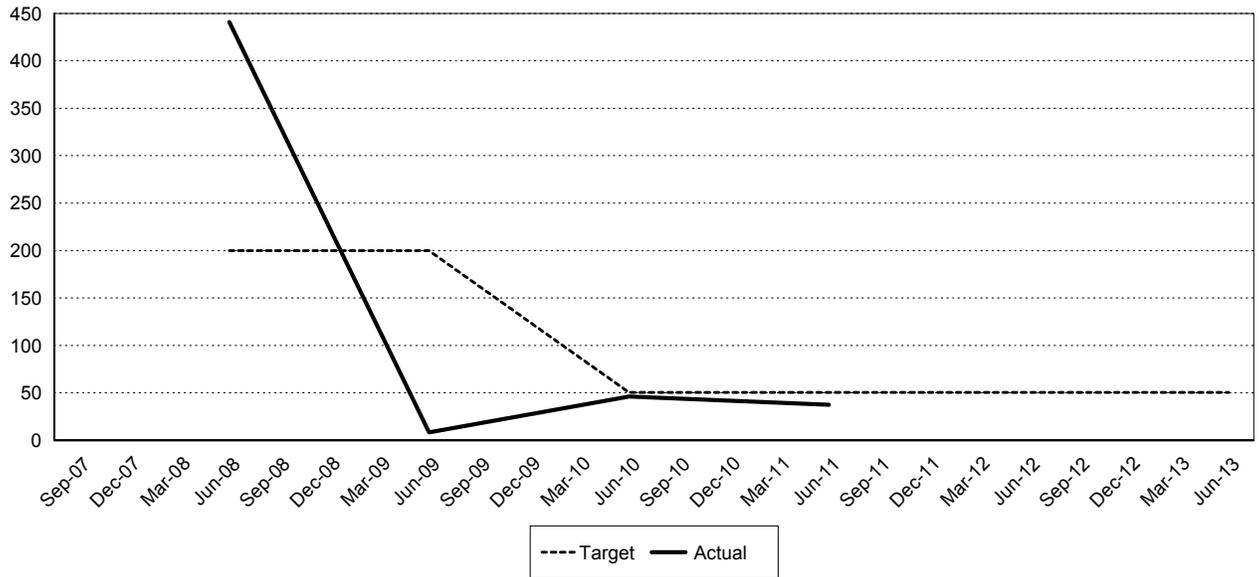
**Expected Results**

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	
2011-13	Q8		50	
	Q7			
	Q6			
	Q5			
	Q4		50	
	Q3			
	Q2			
	Q1			
2009-11	Q8	37.5	50	
	Q7			
	Q6			
	Q5			
	Q4	46.2	50	
	Q3			
	Q2			
	Q1			
2007-09	Q8	8.3	200	
	Q7			
	Q6			
	Q5			
	Q4	441	200	
	Q3			
	Q2			
	Q1			

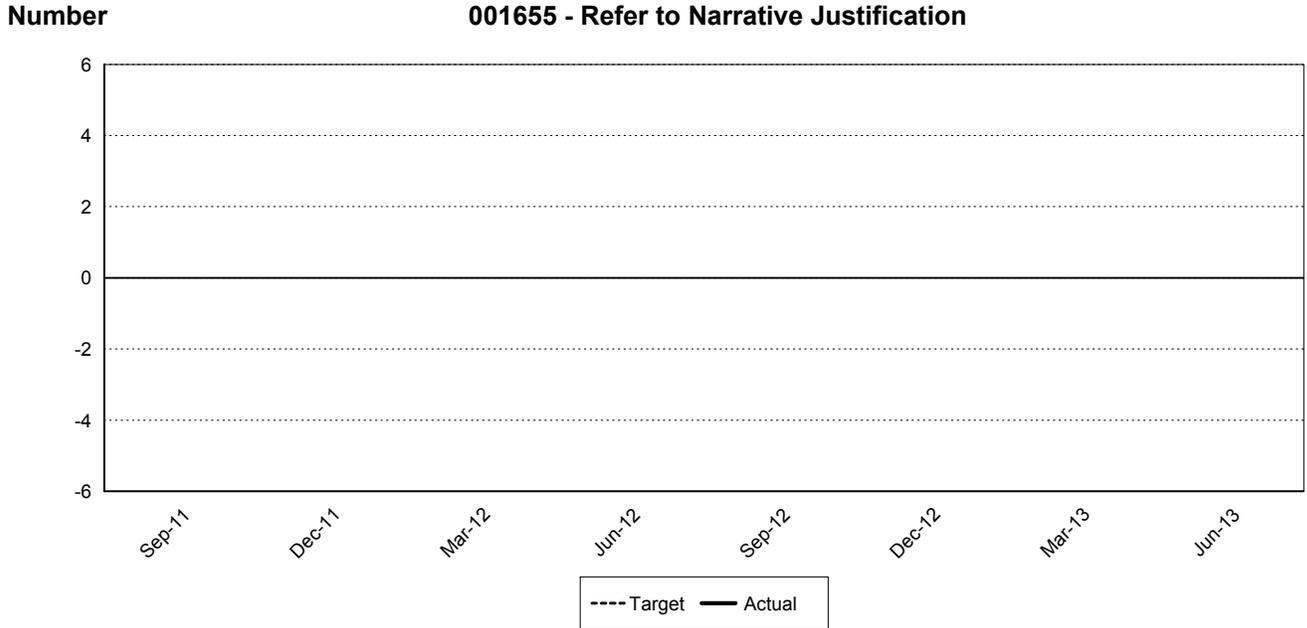
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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

Ecology provides services to site owners or operators who initiate clean up of their contaminated sites. Voluntary cleanups can be done 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 cleanup program minimizes the need for public funding used for such cleanup and promotes local economic development through new industries and other beneficial uses of cleaned properties.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	26.7	26.7	26.7
<b>173 State Toxics Control Account</b>			
173-1 State	\$2,588,000	\$2,626,000	\$5,214,000
173-7 Private/Local	\$292,000	\$292,000	\$584,000
<b>173 Account Total</b>	<b>\$2,880,000</b>	<b>\$2,918,000</b>	<b>\$5,798,000</b>

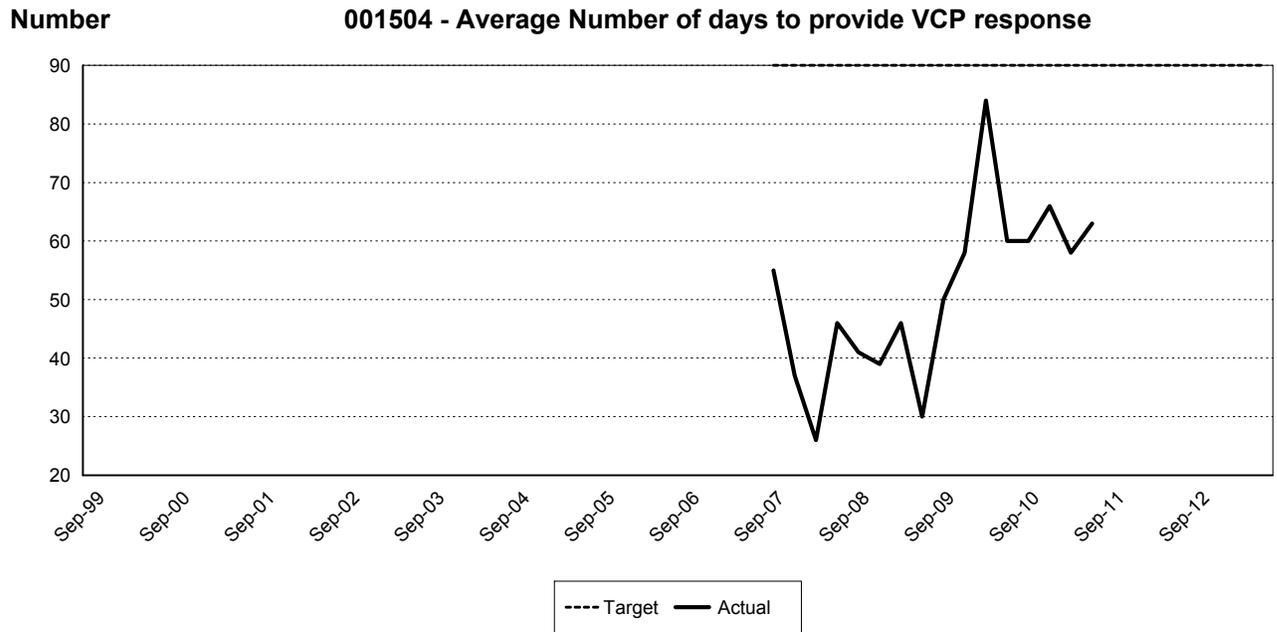
**Statewide Result Area: Improve the quality of Washington’s natural resources**  
**Statewide Strategy: Preserve, maintain and restore natural systems and landscapes**

**Expected Results**

*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

Three percent increase in the number of contaminated sites that are voluntarily cleaned up 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.

<b>001504 Average number of days to provide an assessment of a plan or report received from a voluntary cleanup program applicant.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		90
	Q7		90
	Q6		90
	Q5		90
	Q4		90
	Q3		90
	Q2		90
	Q1		90
2009-11	Q8	63	90
	Q7	58	90
	Q6	66	90
	Q5	60	90
	Q4	60	90
	Q3	84	90
	Q2	58	90
	Q1	50	90
2007-09	Q8	30	90
	Q7	46	90
	Q6	39	90
	Q5	41	90
	Q4	46	90
	Q3	26	90
	Q2	37	90
	Q1	55	90

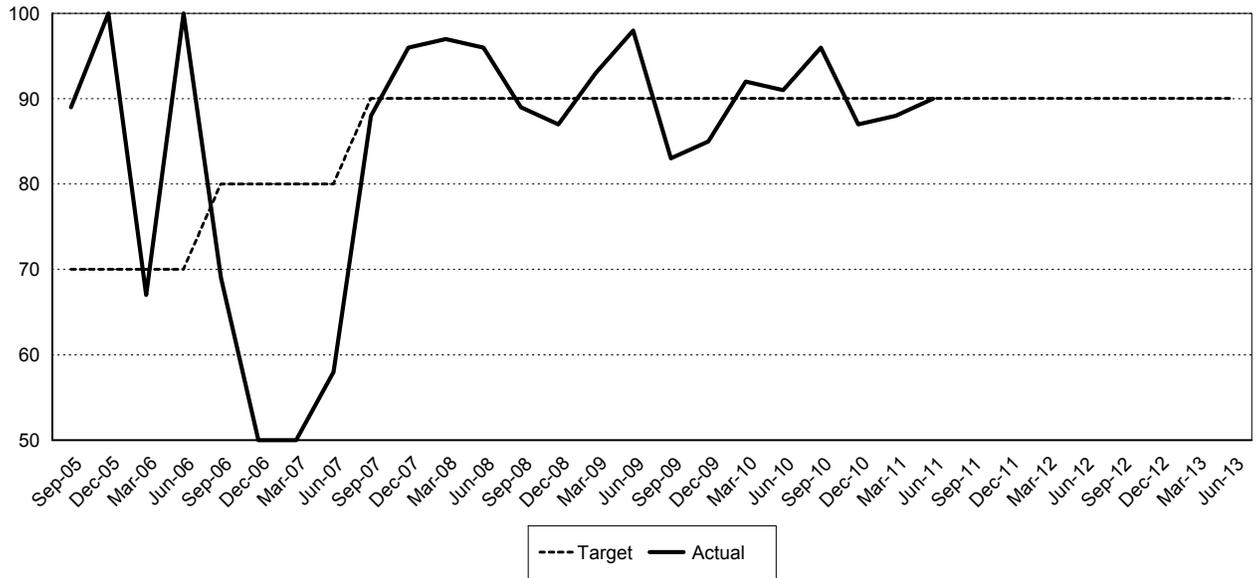


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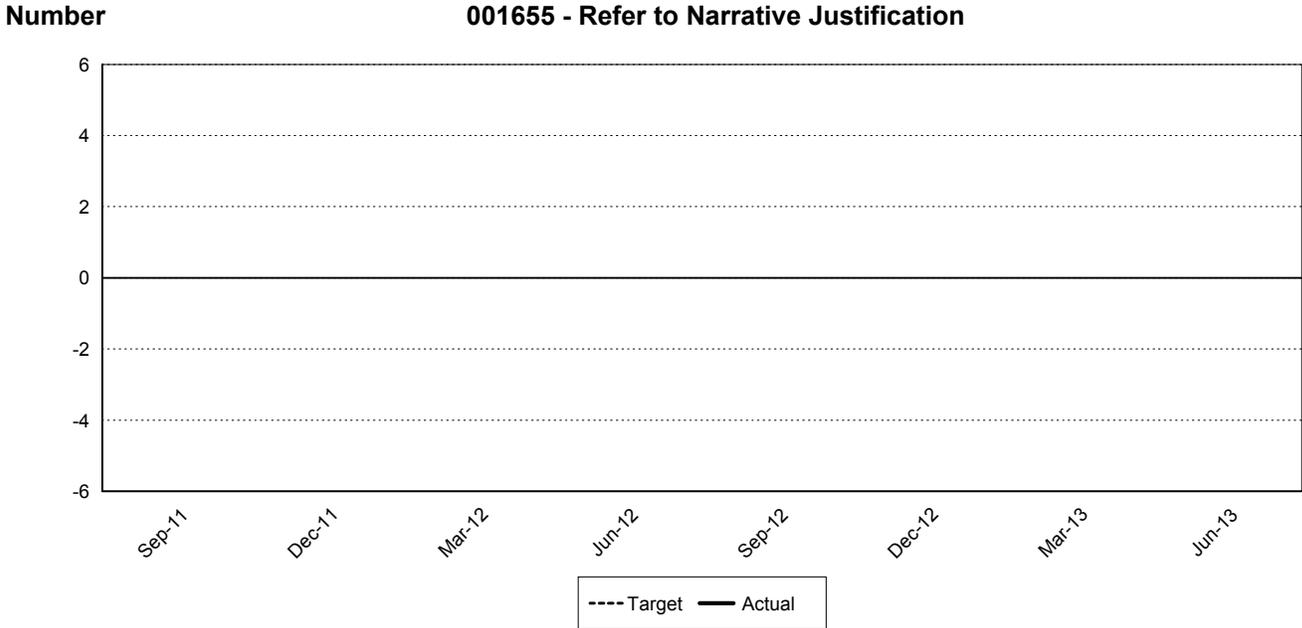
001502 Percent of the voluntary cleanup program applicants who receive an assessment of their plan or report within 90 days.			
Biennium	Period	Actual	Target
2011-13	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3		90%
	Q2		90%
	Q1		90%
2009-11	Q8	90%	90%
	Q7	88%	90%
	Q6	87%	90%
	Q5	96%	90%
	Q4	91%	90%
	Q3	92%	90%
	Q2	85%	90%
	Q1	83%	90%
2007-09	Q8	98%	90%
	Q7	93%	90%
	Q6	87%	90%
	Q5	89%	90%
	Q4	96%	90%
	Q3	97%	90%
	Q2	96%	90%
	Q1	88%	90%

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**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 2012	FY 2013	Biennial Total
<b>FTE</b>	0.7	0.7	0.7
<b>001 General Fund</b>			
001-1 State	\$38,000	\$41,000	\$79,000
001-2 Federal	\$23,000	\$23,000	\$46,000
<b>001 Account Total</b>	<b>\$61,000</b>	<b>\$64,000</b>	<b>\$125,000</b>

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

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

**Expected Results**

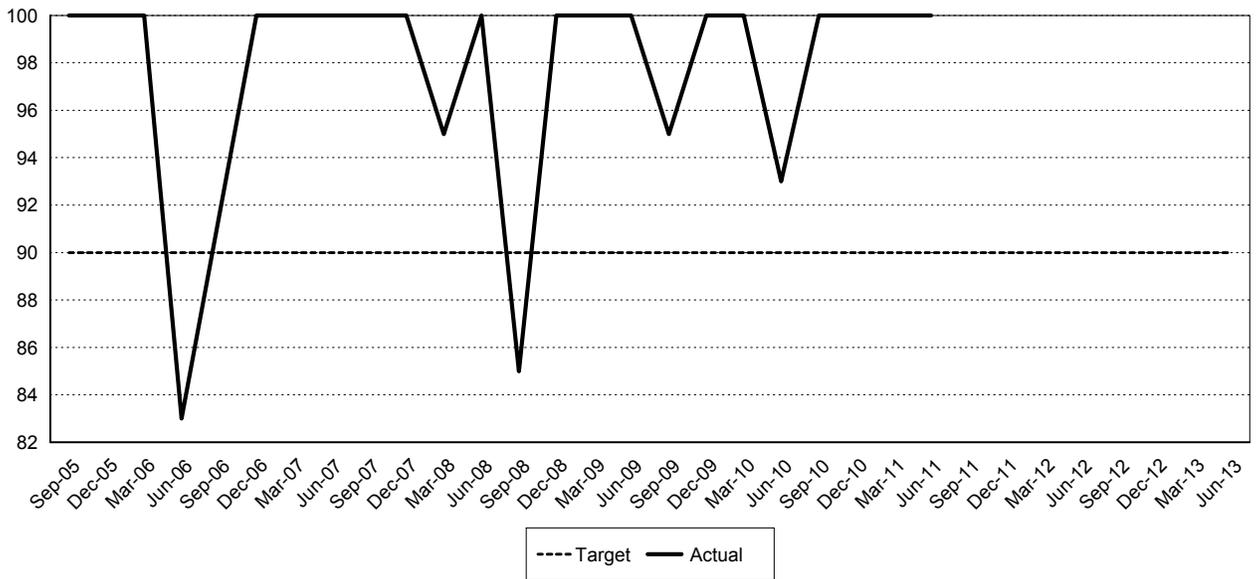
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

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.

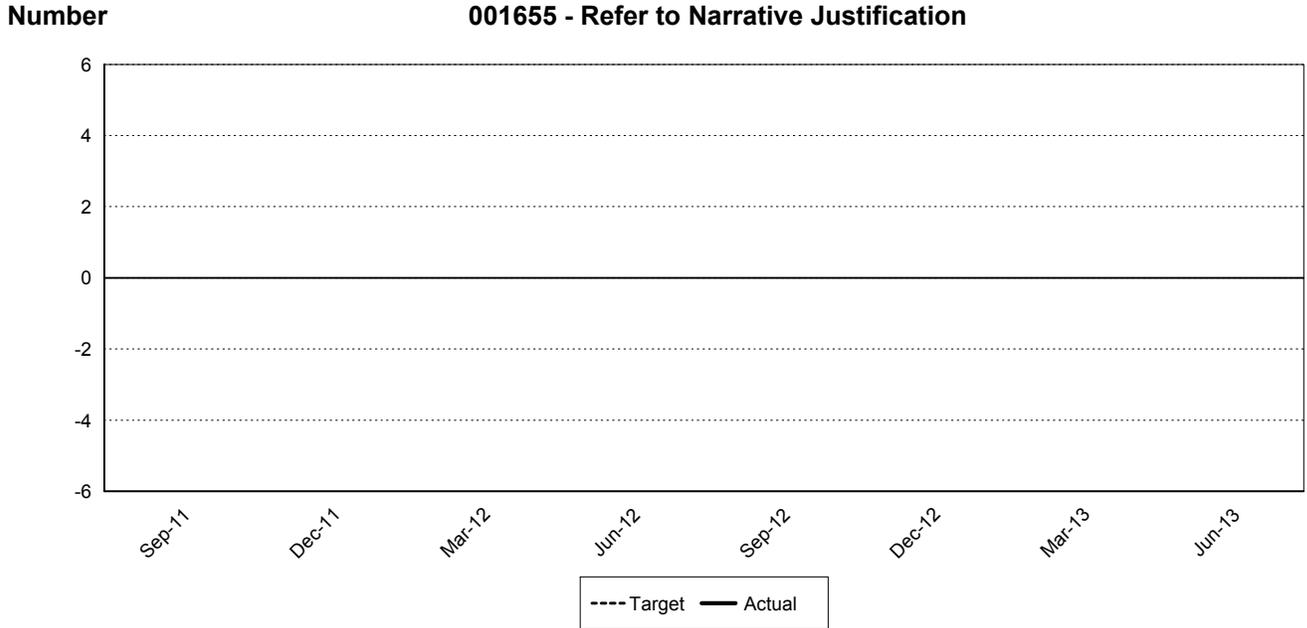
<b>001454 Percent of reviews and decisions from Ecology's Transportation Team made within agreed upon timeframes for WSDOT's applications, permits, NEPA/SEPA documents, or other environmental documents.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3		90%
	Q2		90%
	Q1		90%
2009-11	Q8	100%	90%
	Q7	100%	90%
	Q6	100%	90%
	Q5	100%	90%
	Q4	93%	90%
	Q3	100%	90%
	Q2	100%	90%
	Q1	95%	90%
2007-09	Q8	100%	90%
	Q7	100%	90%
	Q6	100%	90%
	Q5	85%	90%
	Q4	100%	90%
	Q3	95%	90%
	Q2	100%	90%
	Q1	100%	90%

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**Percent 001454 - Percent of reviews and decisions for WSDOT delivered on time**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**A060 Provide Regulatory Assistance for Significant Projects and Small Businesses**

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 2012	FY 2013	Biennial Total
<b>FTE</b>	3.8	3.8	3.8
<b>001 General Fund</b>			
001-1 State	\$135,000	\$134,000	\$269,000
001-2 Federal	\$23,000	\$23,000	\$46,000
001-7 Private/Local	\$149,000	\$167,000	\$316,000
<b>001 Account Total</b>	<b>\$307,000</b>	<b>\$324,000</b>	<b>\$631,000</b>

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

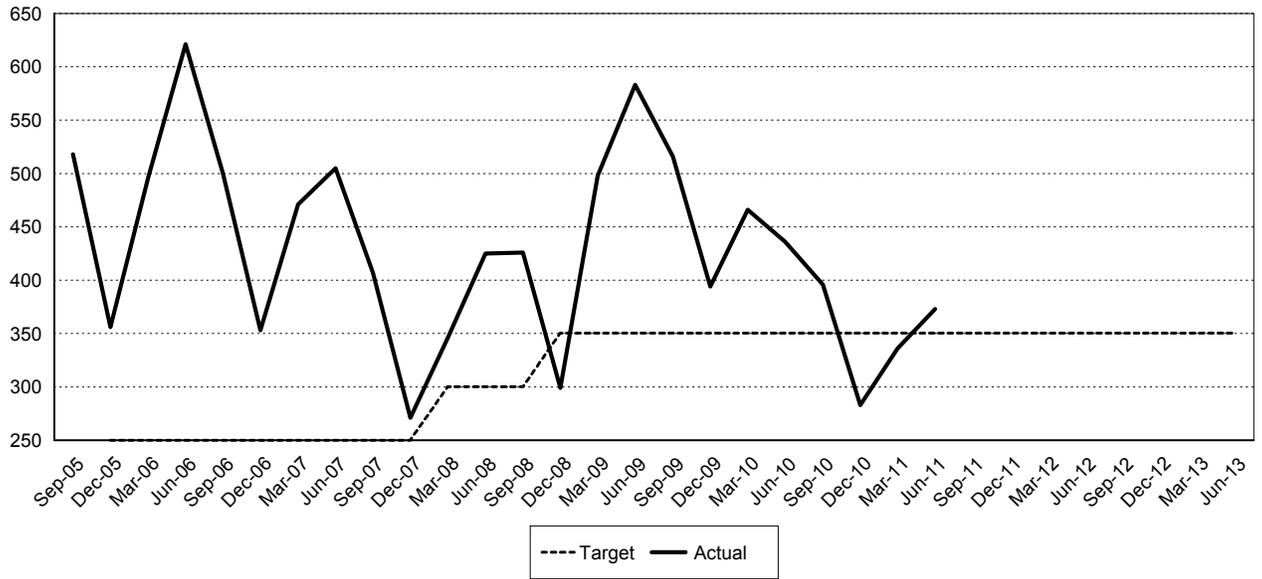
**Expected Results**

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.

<b>001452 Number of applicants and customers provided permit assistance information by the Office of Regulatory Assistance Service Center.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		350
	Q7		350
	Q6		350
	Q5		350
	Q4		350
	Q3		350
	Q2		350
	Q1		350
2009-11	Q8	373	350
	Q7	336	350
	Q6	283	350
	Q5	396	350
	Q4	436	350
	Q3	466	350
	Q2	394	350
	Q1	516	350
2007-09	Q8	583	350
	Q7	498	350
	Q6	299	350
	Q5	426	300
	Q4	425	300
	Q3	346	300
	Q2	271	250
	Q1	407	250

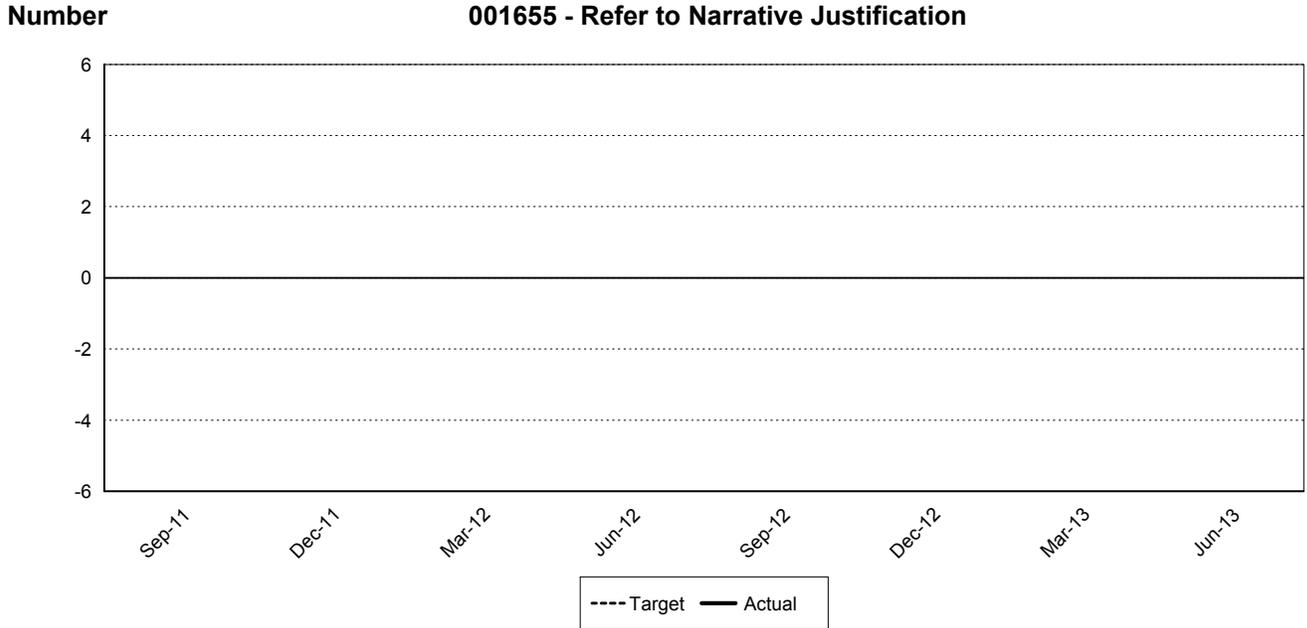
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**Number 001452 - Number of applicants and customers provided permit asst info**



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	2.7	2.7	2.7
<b>001 General Fund</b>			
001-1 State	\$79,000	\$79,000	\$158,000
001-2 Federal	\$64,000	\$64,000	\$128,000
<b>001 Account Total</b>	<b>\$143,000</b>	<b>\$143,000</b>	<b>\$286,000</b>
<b>072 State and Local Improvements Revolving Account (Water Supply Facilities)</b>			
072-1 State	\$192,000	\$192,000	\$384,000

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

**Statewide Strategy: Achieve sustainable use of public natural resources**

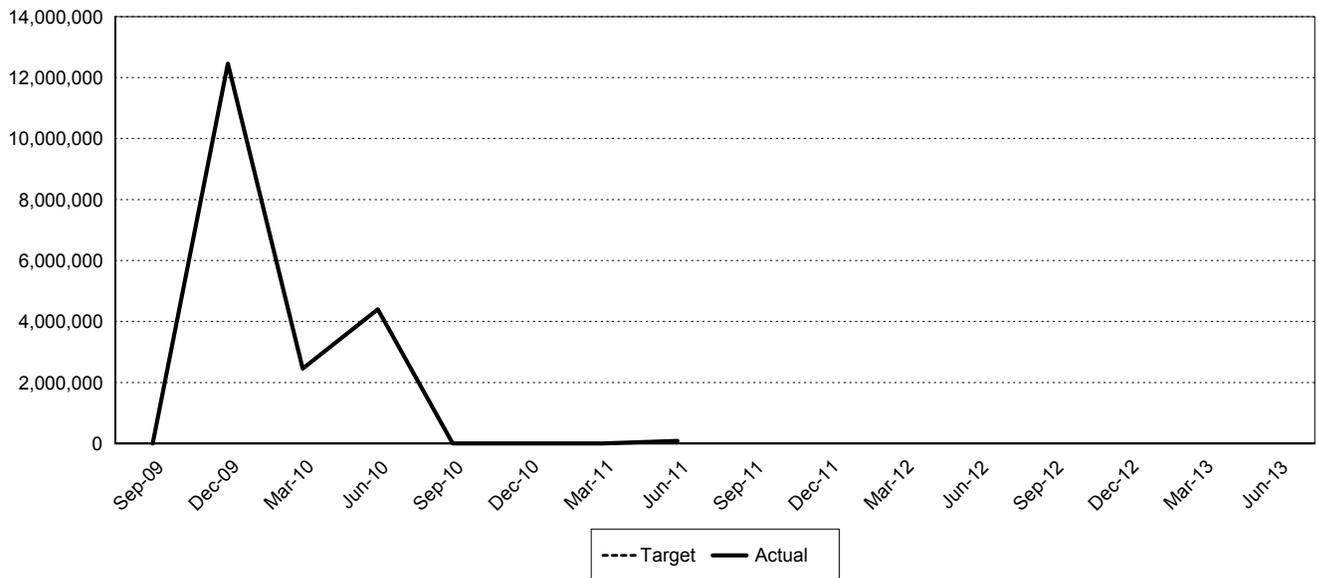
**Expected Results**

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.

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

001578 Amount of funding provided to projects that improve water use efficiency			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
2009-11	Q8	\$80,799	
	Q7	\$0	
	Q6	\$0	
	Q5	\$0	
	Q4	\$4,400,000	
	Q3	\$2,455,755	
	Q2	\$12,454,312	
	Q1	\$0	

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

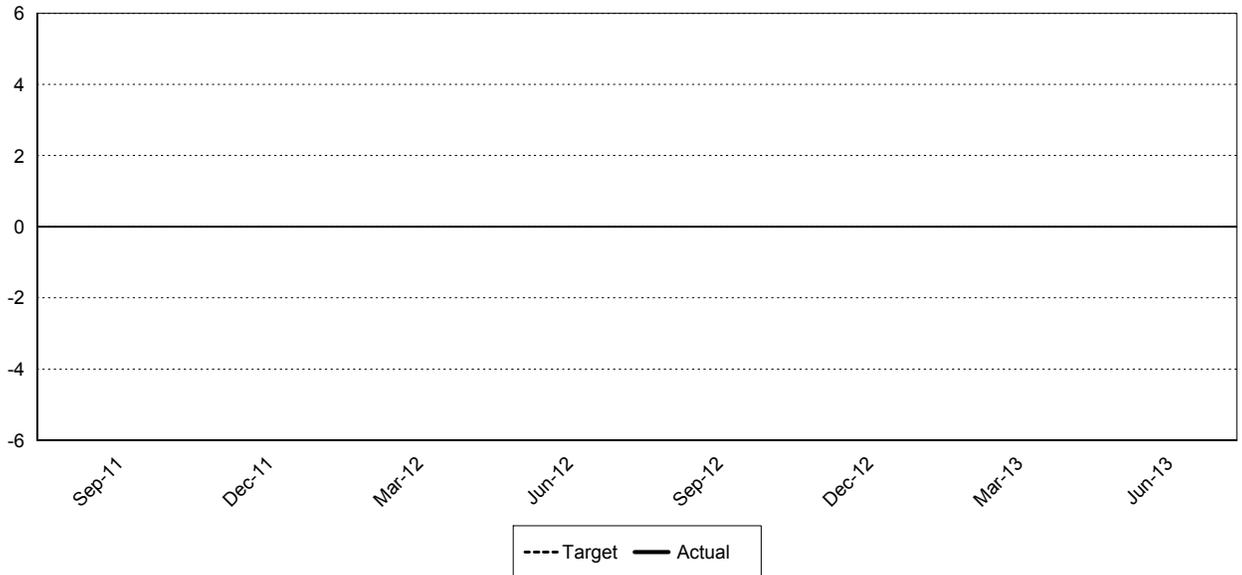


Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

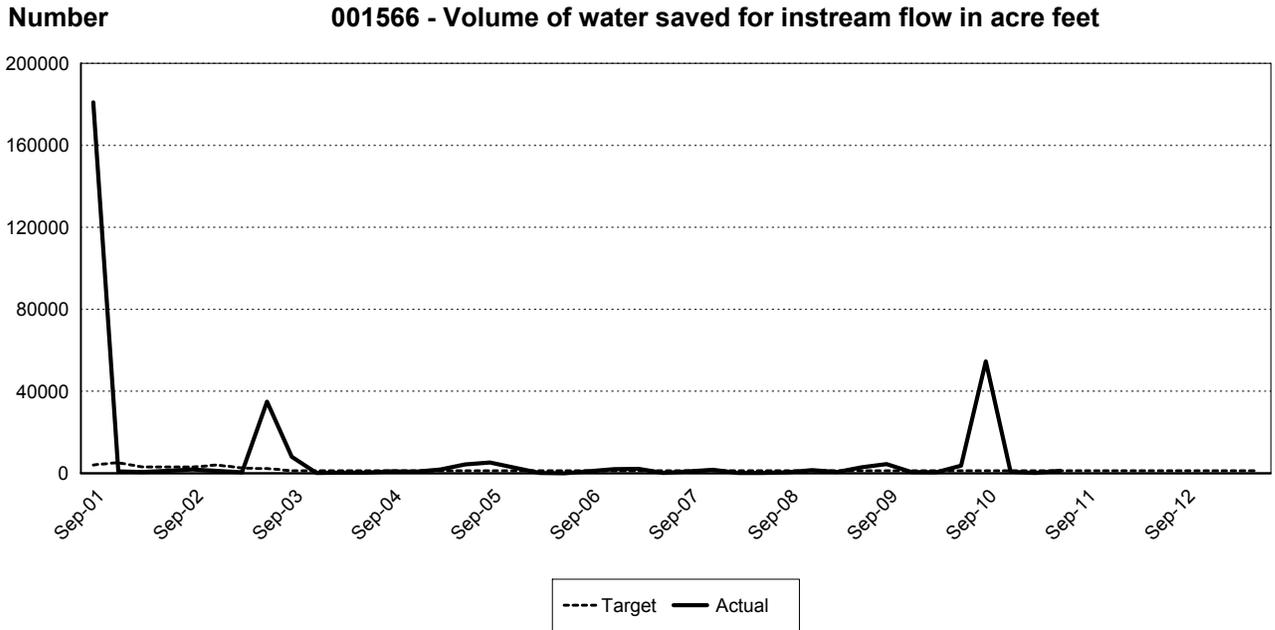
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



<b>001566 Volume of water saved for instream flow in acre feet</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		1,250
	Q7		1,250
	Q6		1,250
	Q5		1,250
	Q4		1,250
	Q3		1,250
	Q2		1,250
	Q1		1,250
2009-11	Q8	1,198.73	1,250
	Q7	103.83	1,250
	Q6	707.46	1,250
	Q5	54,629.63	1,250
	Q4	3,697.95	1,250
	Q3	387.3	1,250
	Q2	617.95	1,250
	Q1	4,403.65	1,250
2007-09	Q8	2,816.81	1,250
	Q7	605.37	1,250
	Q6	1,530	1,250
	Q5	415	1,250
	Q4	114.28	1,250
	Q3	51	1,250
	Q2	1,651	1,250
	Q1		1,250



### 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.

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

Account	FY 2012	FY 2013	Biennial Total
FTE	7.3	7.3	7.3
<b>001 General Fund</b>			
001-1 State	\$712,000	\$686,000	\$1,398,000

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

**Expected Results**

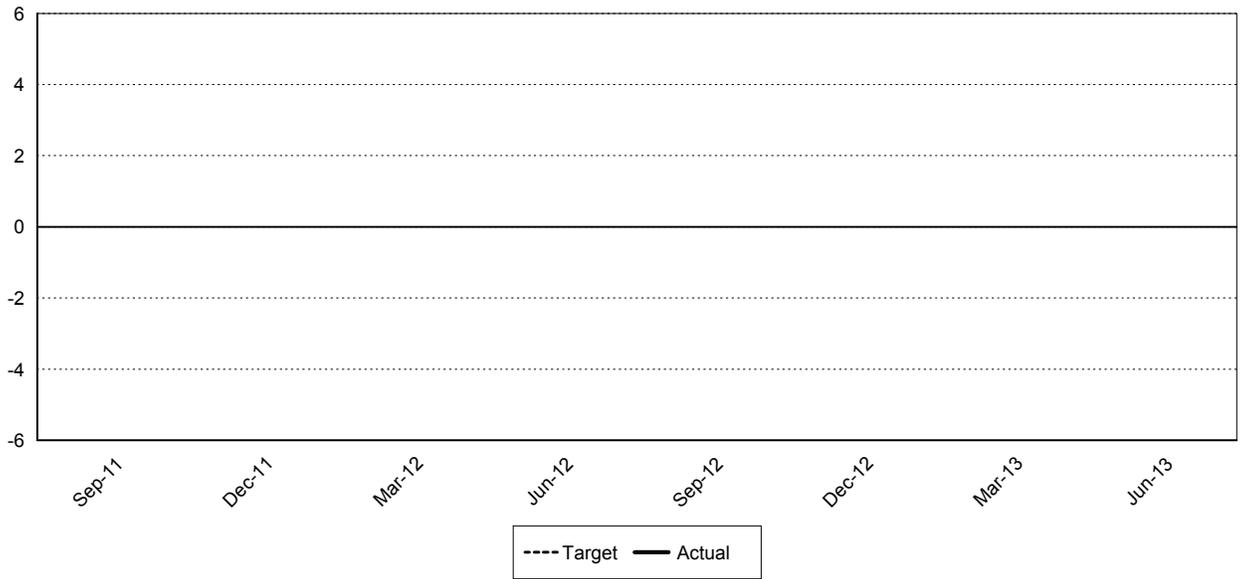
The Department of Ecology will do the following tasks. Complete a statewide greenhouse gas emission inventory, and begin operation of a greenhouse gas reporting program. Assure that Washington's unique electricity, forestry, agriculture, and industrial interests are considered in the design of national 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.

001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Number

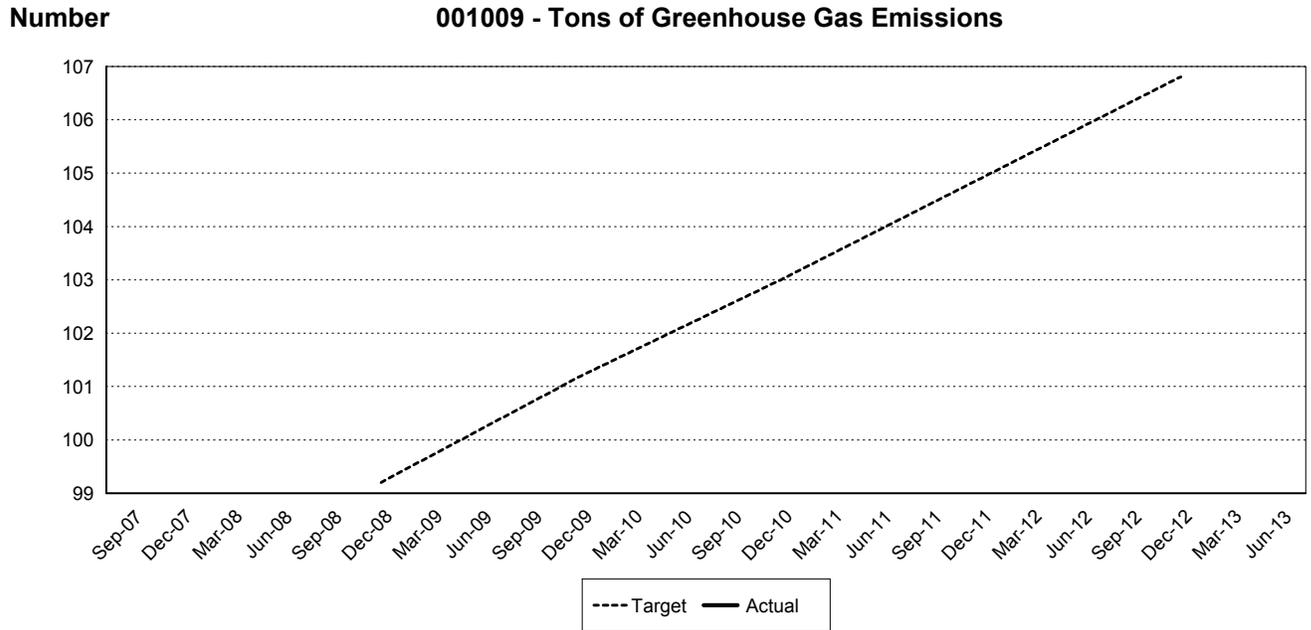
001655 - Refer to Narrative Justification



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<b>001009 Tons of greenhouse gas emissions produced statewide.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		106.8
	Q5		
	Q4		
	Q3		
	Q2		104.9
	Q1		
2009-11	Q8		
	Q7		
	Q6		103
	Q5		
	Q4		
	Q3		
	Q2		101.2
	Q1		
2007-09	Q8		
	Q7		
	Q6		99.2
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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**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 2012	FY 2013	Biennial Total
<b>FTE</b>	20.0	20.0	20.0
<b>174 Local Toxics Control Account</b>			
174-1 State	\$127,000	\$125,000	\$252,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$1,770,000	\$1,711,000	\$3,481,000
<b>044 Waste Reduction/Recycling/Litter Control</b>			
044-1 State	\$35,000	\$56,000	\$91,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

**Expected Results**

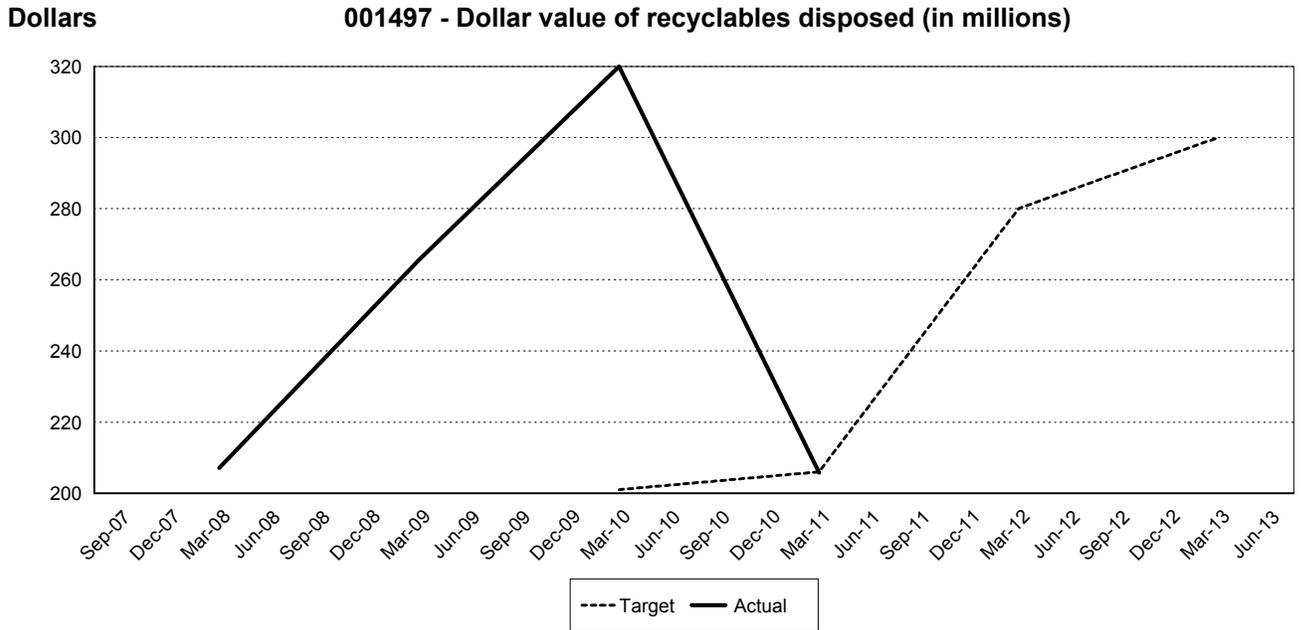
*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

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,

<b>001497 Dollar value of recyclables disposed (in millions). Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		\$300
	Q6		
	Q5		
	Q4		
	Q3		\$280
	Q2		
	Q1		
2009-11	Q8		
	Q7	\$205.8	\$206
	Q6		
	Q5		
	Q4		
	Q3	\$320	\$201
	Q2		
	Q1		
2007-09	Q8		
	Q7	\$265.7	
	Q6		
	Q5		
	Q4		
	Q3	\$207.1	
	Q2		
	Q1		

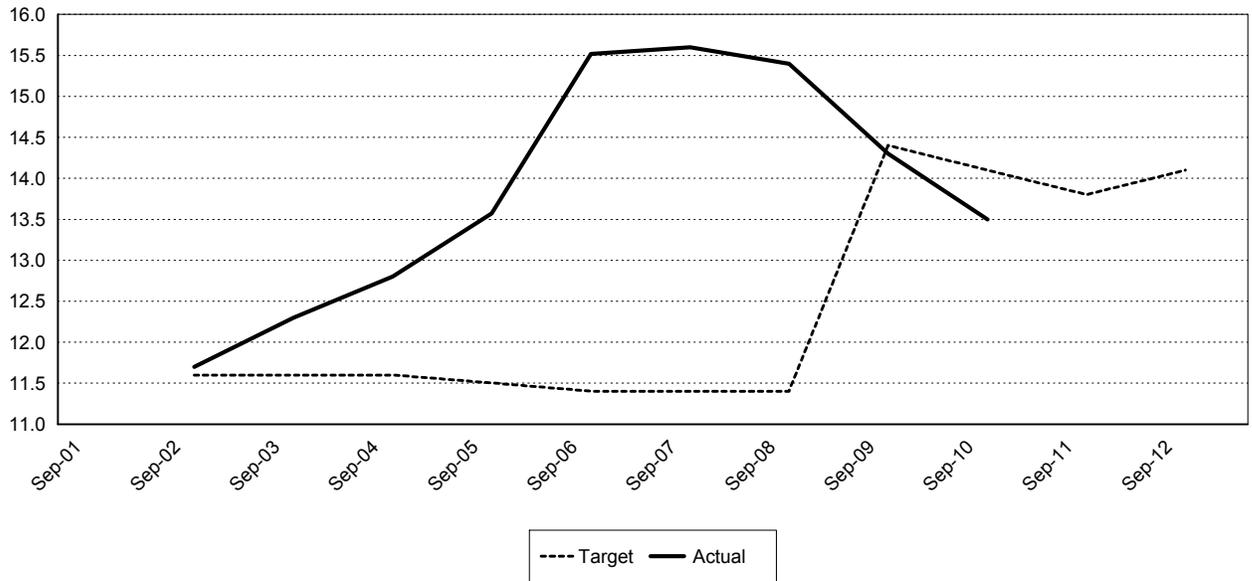
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity



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<b>001484 Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		14.1
	Q5		
	Q4		
	Q3		
	Q2		13.8
	Q1		
2009-11	Q8		
	Q7		
	Q6	13.5	14.1
	Q5		
	Q4		
	Q3		
	Q2	14.3	14.4
	Q1		
2007-09	Q8		
	Q7		
	Q6	15.4	11.4
	Q5		
	Q4		
	Q3		
	Q2	15.6	11.4
	Q1		

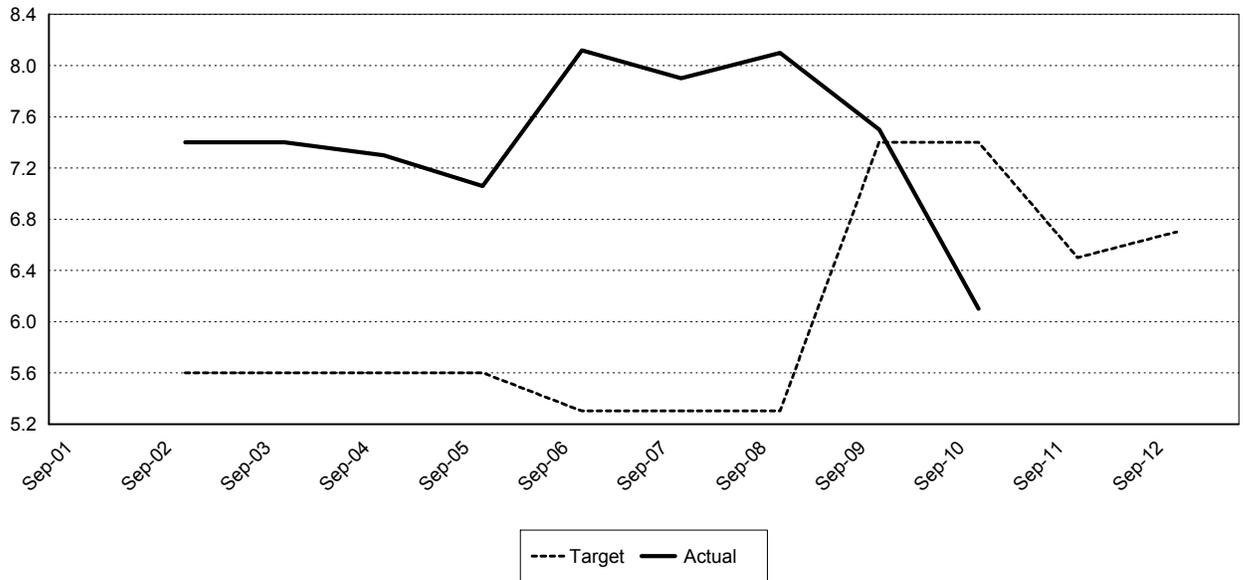
**Number**                      **001484 - Million of tons of solid waste generated annually in Washington**



Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001485 Millions of tons of solid waste disposed annually by Washington residents and businesses. Reported annually in Quarters 2 and 6.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		6.7
	Q5		
	Q4		
	Q3		
	Q2		6.5
	Q1		
2009-11	Q8		
	Q7		
	Q6	6.1	7.4
	Q5		
	Q4		
	Q3		
	Q2	7.5	7.4
	Q1		
2007-09	Q8		
	Q7		
	Q6	8.1	5.3
	Q5		
	Q4		
	Q3		
	Q2	7.9	5.3
	Q1		

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

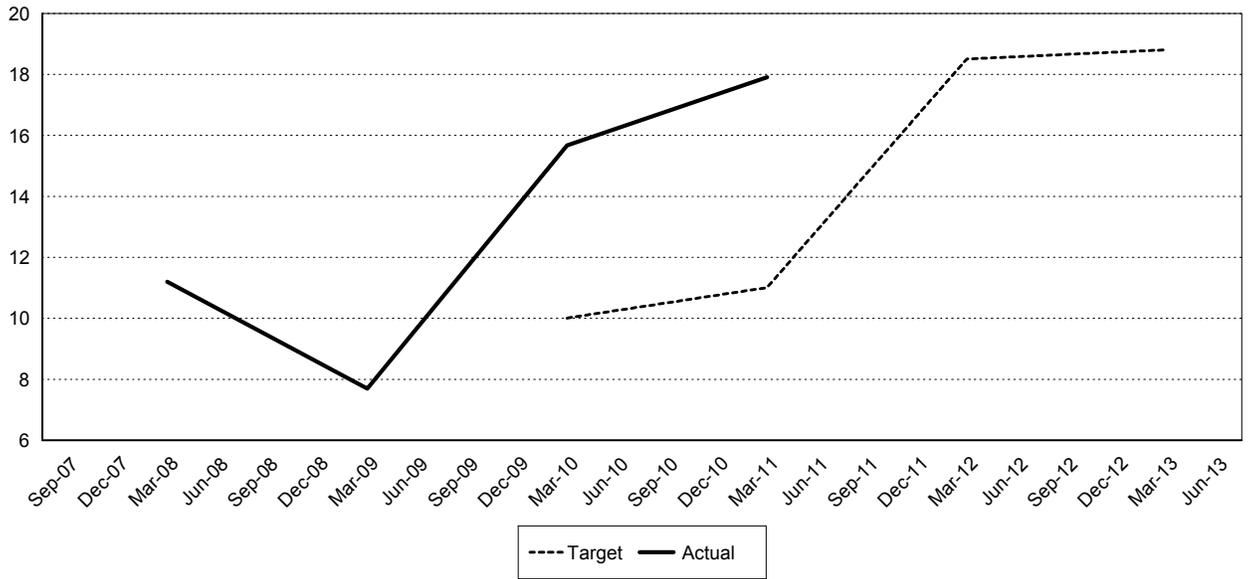


Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

<b>001498 Percent market share of green building projects in Washington. Reported annually in Quarters 3 and 7.</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		18.8%
	Q6		
	Q5		
	Q4		
	Q3		18.5%
	Q2		
	Q1		
2009-11	Q8		
	Q7	17.91%	11%
	Q6		
	Q5		
	Q4		
	Q3	15.67%	10%
	Q2		
	Q1		
2007-09	Q8		
	Q7	7.69%	
	Q6		
	Q5		
	Q4		
	Q3	11.2%	
	Q2		
	Q1		

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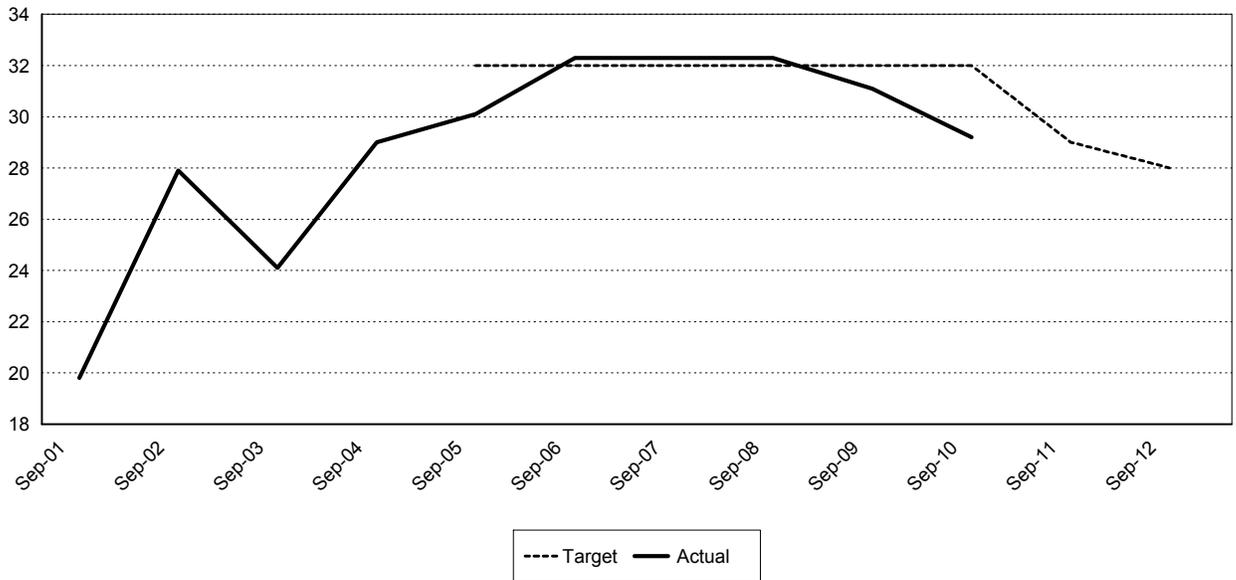
Percent 001498 - Percent market share of green building projects in Washington



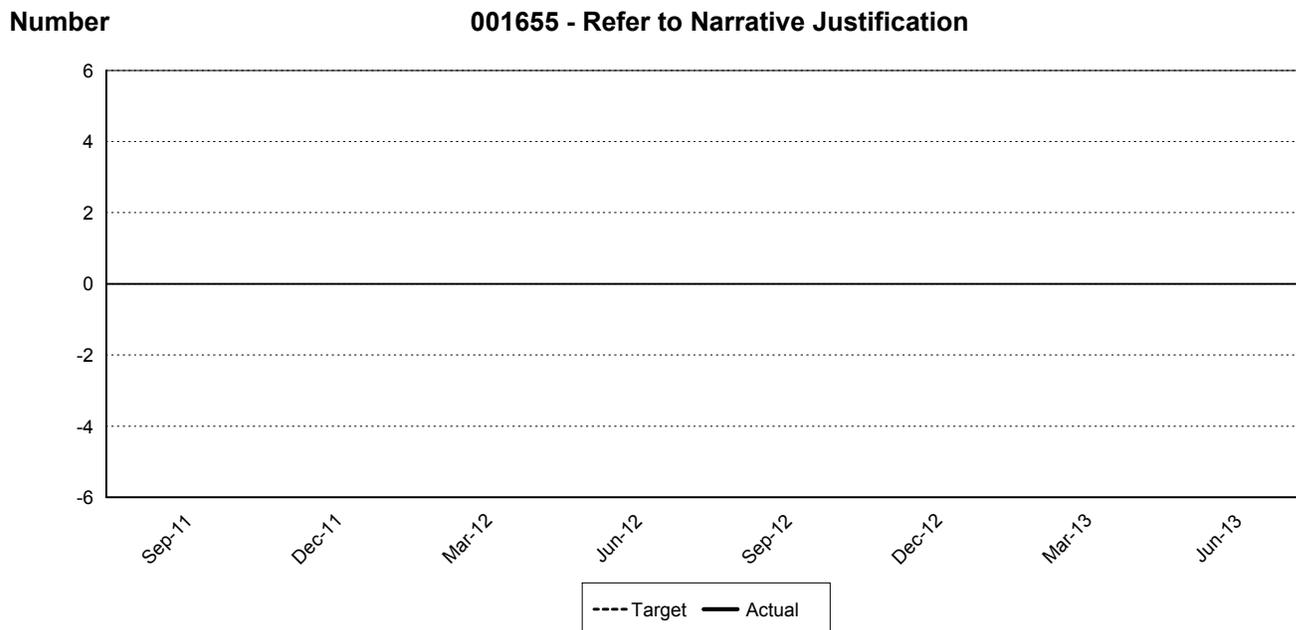
Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity

001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		28
	Q5		
	Q4		
	Q3		
	Q2		29
	Q1		
2009-11	Q8		
	Q7		
	Q6	29.2	32
	Q5		
	Q4		
	Q3		
	Q2	31.1	32
	Q1		
2007-09	Q8		
	Q7		
	Q6	32.3	32
	Q5		
	Q4		
	Q3		
	Q2	32.3	32
	Q1		

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



001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		



**A065 Reduce Toxic Chemicals in Products and Promote Safer Alternatives**

Toxic chemicals in products are polluting our environment and have the potential to harm humans. Reducing toxic chemicals in products over time will lower the risks to people and the environment. To make significant progress toward achieving this goal requires several strategies; identifying chemicals of concern in consumer products and strengthening the ability to gather data on the presence of these chemicals in products and the environment; improving tools and authorities to promote safer alternatives to identified chemicals; promoting green chemistry; and, improving education, outreach, and communication. Reducing toxic chemical threats is the smartest, cheapest, and healthiest approach to protecting people and the environment.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	16.3	16.3	16.3
<b>11J Electronic Products Recycling Account</b>			
11J-6 Non-Appropriated	\$308,000	\$314,000	\$622,000
<b>001 General Fund</b>			
001-2 Federal	\$153,000	\$155,000	\$308,000
<b>207 Hazardous Waste Assistance Account</b>			
207-1 State	\$420,000	\$449,000	\$869,000
<b>16T Product Stewardship Programs Account</b>			
16T-6 Non-Appropriated	\$1,080,000	\$1,080,000	\$2,160,000
<b>173 State Toxics Control Account</b>			
173-1 State	\$475,000	\$677,000	\$1,152,000

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

**Statewide Strategy: Establish safeguards and standards to protect natural resources**

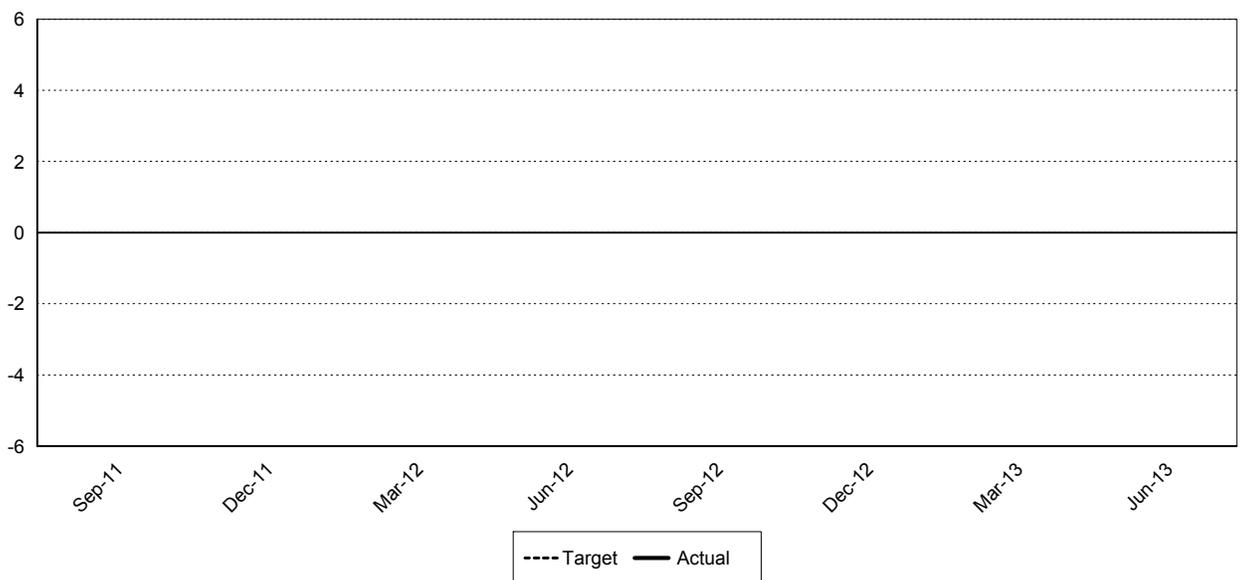
**Expected Results**

Reducing toxic chemicals in products over time will lower risks to people and the environment. 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. Provide support to other Ecology programs to implement the Children's Safe Product Act and lead chemical action plan, . Reform chemical policy at the state and federal levels. Develop protocols for identifying safer alternatives to toxic chemicals of concern. Conduct a pilot project with Washington businesses to identify safer alternatives for up to 5 chemicals of concern. Improve how state government purchases products through environmentally preferred purchasing.

001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number

001655 - Refer to Narrative Justification



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This activity reflects new tasks added through consolidation.

<b>Account</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE</b>	(1.2)	12.8	5.8
<b>001 General Fund</b>			
001-1 State	\$0	\$373,000	\$373,000
001-2 Federal	\$0	\$15,000	\$15,000
001-7 Private/Local	\$0	\$314,000	\$314,000
<b>001 Account Total</b>	<b>\$0</b>	<b>\$702,000</b>	<b>\$702,000</b>
<b>545 Heating Oil Pollution Liability Trust Account</b>			
545-6 Non-Appropriated	\$0	\$515,000	\$515,000
<b>544 Pollution Liability Insurance Program Trust Account</b>			
544-1 State	\$0	\$333,000	\$333,000
<b>125 Site Closure Account</b>			
125-1 State	\$0	\$(348,000)	\$(348,000)

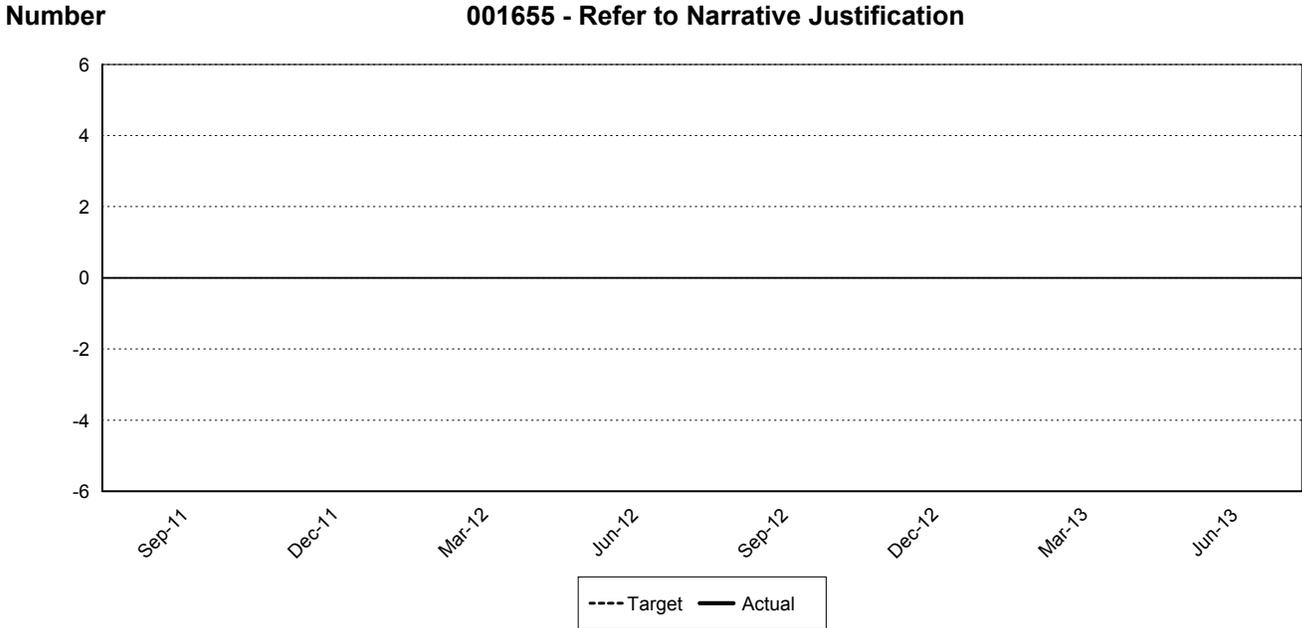
**Statewide Result Area: Improve the quality of Washington’s natural resources**

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

**Expected Results**

<b>001655 Refer to Narrative Justification</b>			
<b>Biennium</b>	<b>Period</b>	<b>Actual</b>	<b>Target</b>
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity



**A067 Support Watershed-Based Water Supply and Resource Stewardship**

Ecology helps local organizations (including local governments, tribes, watershed groups, and interested stakeholders) address water problems for the people, farms and fish in their watersheds by providing technical and financial assistance and scientific expertise.

Efforts in support of water supply solutions are focused on ensuring adequate water availability in water-short areas of the state.

Targeted technical and financial assistance under the Watershed Planning act is provided for plan implementation and updates in areas where community/watershed-based groups are active partners in identifying in-stream and out-of-stream water availability solutions and projects.

As appropriate, locally-approved plans and water-supply solutions are incorporated into Ecology rules, policies or agreements.

Account	FY 2012	FY 2013	Biennial Total
<b>FTE</b>	15.9	15.9	15.9
<b>001 General Fund</b>			
001-1 State	\$4,089,000	\$3,115,000	\$7,204,000
001-2 Federal	\$5,000	\$5,000	\$10,000
<b>001 Account Total</b>	<b>\$4,094,000</b>	<b>\$3,120,000</b>	<b>\$7,214,000</b>

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

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

**Expected Results**

Local organizations have the staff capacity and data needed to make informed choices regarding sound water use and actions.

Shared governance agreements with local watershed groups insure that local and state decisions affecting water availability are mutually supportive.

Participating watersheds see improved long-term reliability and availability of water for in-stream (fish life) and out-of-stream (municipal, agricultural, commercial) needs, in keeping with locally developed watershed plans and activities.

Washington communities manage their water resources sustainably to meet the present and future water needs of people and the natural environment.

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**Grand Total**

	<b>FY 2012</b>	<b>FY 2013</b>	<b>Biennial Total</b>
<b>FTE's</b>	1,572.7	1,568.2	1,570.5
<b>GFS</b>	\$49,002,000	\$47,789,000	\$96,791,000
<b>Other</b>	\$165,221,000	\$168,285,000	\$333,506,000
<b>Total</b>	\$214,223,000	\$216,074,000	\$430,297,000

*Appropriation Period: 2011-13 Activity Version: 2C - Enacted Recast Sort By: Activity*

<b><u>Parameter</u></b>	<b><u>Entered As</u></b>
Budget Period	2011-13
Agency	461
Version	2C - Enacted Recast
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