461 - Department of Ecology

A001 Clarify Water Rights

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

Expected Results

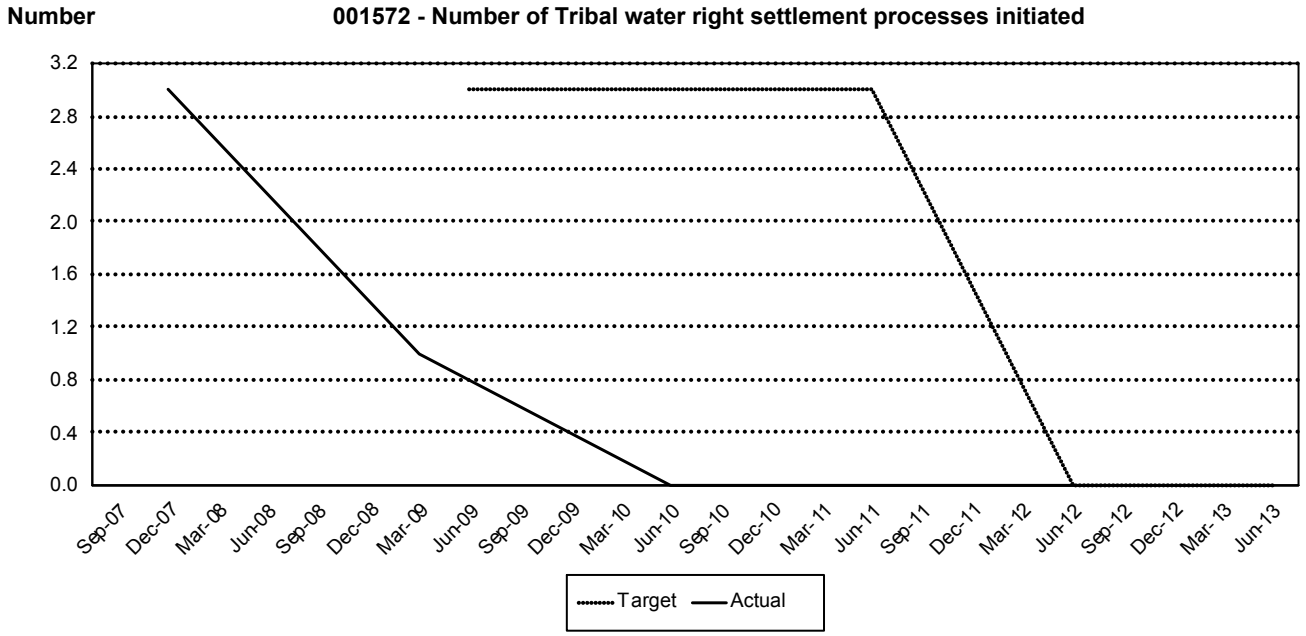
Increased water rights certainty and reduced conflict. Major uncertainty regarding the validity and extent of water rights in the Yakima Basin is removed. Water rights documents (certificates, claims, permits, etc.) in the Spokane Basin will be reviewed to prepare for anticipated adjudication proceedings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

001572 - Number of Tribal water right settlement processes initiated.

Biennium	Period	Actual	Target
2011-13	Q8	0	0
2011-13	Q4	0	0
2009-11	Q8	0	3
2009-11	Q4	0	
2007-09	Q8		3
2007-09	Q7	1	
2007-09	Q2	3	

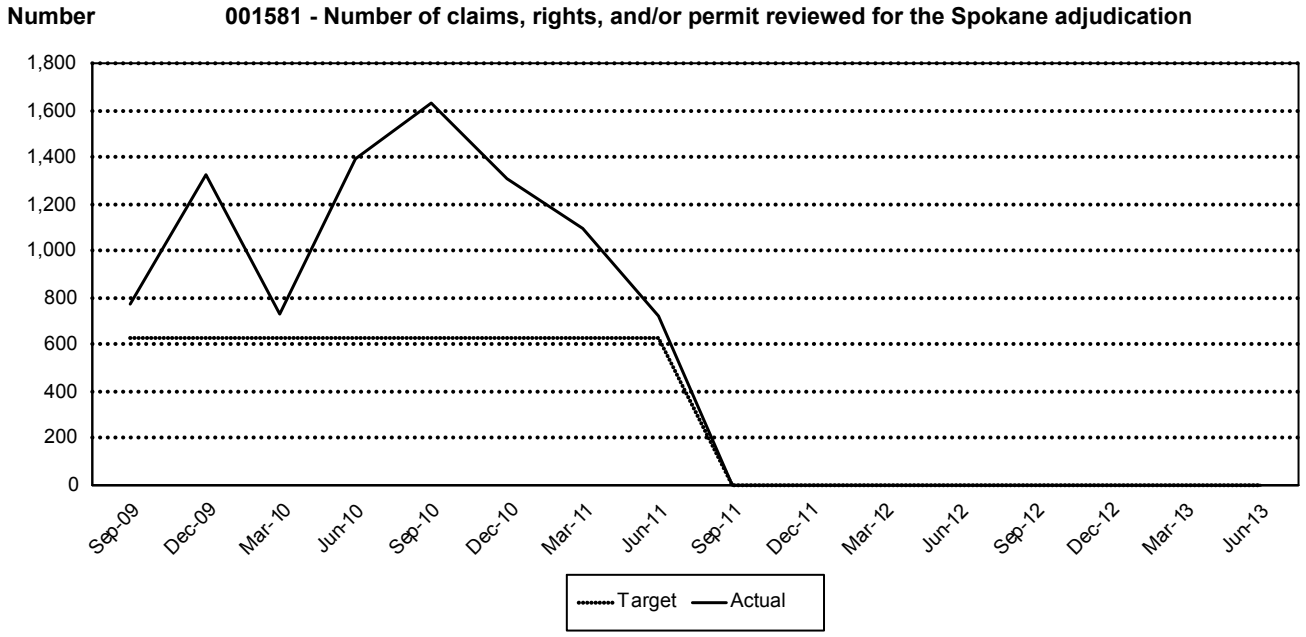
Date Measured: 6/30/2012
Comment: The negotiations in the Nooksack basin with the Lummi Tribe and the Nooksack Tribe to determine the tribes' treaty based instream flow rights for fish, were suspended by the tribes in March 2011. There are no plans to revive these settlement discussion

As of 9/3/2013


Number
001572 - Number of Tribal water right settlement processes initiated
3.2
2.8
2.4
2.0
1.6
1.2
0.8
0.4
0.0
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

001581 - Number of claims, rights, and/or permits reviewed for the Spokane Adjudications			
Biennium	Period	Actual	Target
2011-13	Q8	0	0
2011-13	Q7	0	0
2011-13	Q6	0	0
2011-13	Q5	0	0
2011-13	Q4	0	0
2011-13	Q3	0	0
2011-13	Q2	0	0
2011-13	Q1	0	0
2009-11	Q8	724	625
2009-11	Q7	1,099	625
2009-11	Q6	1,308	625
2009-11	Q5	1,629	625
2009-11	Q4	1,391	625
2009-11	Q3	731	625
2009-11	Q2	1,321	625
2009-11	Q1	776	625

Date Measured: 9/30/2011
Comment: Project has ended - being kept ready for restart pending legislative/budget decision.



001655 - Refer to Narrative Justification

A002 Administration

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

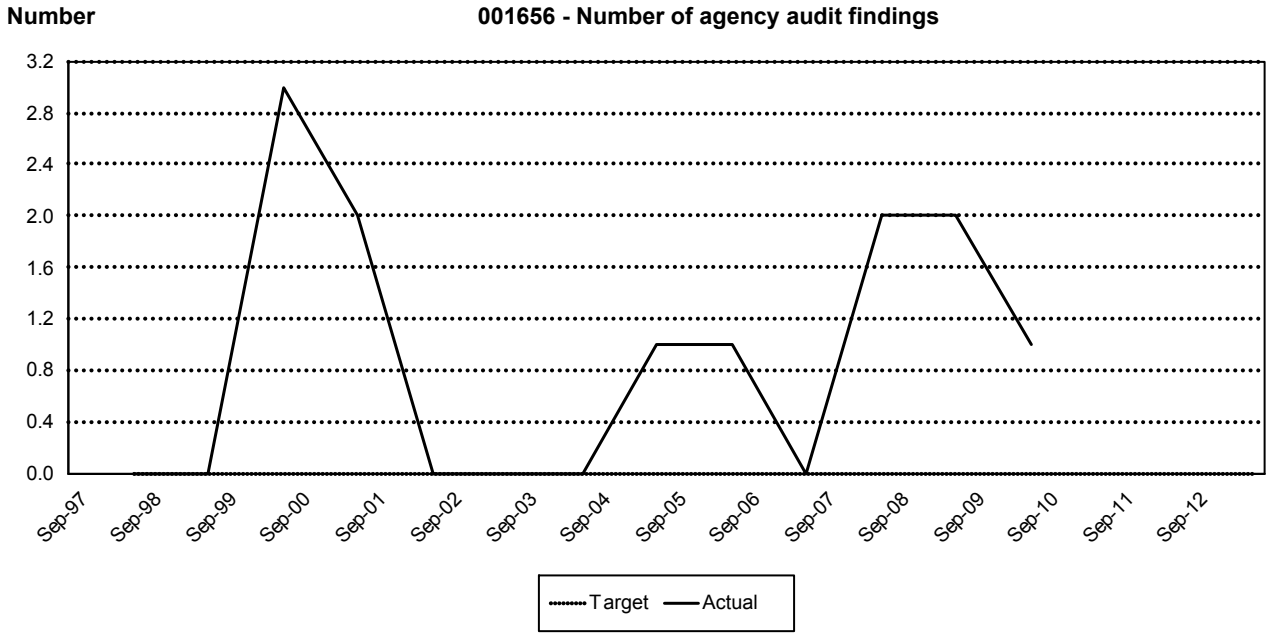
Expected Results

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.

001655 - Refer to Narrative Justification

001656 - Number of agency audit findings.

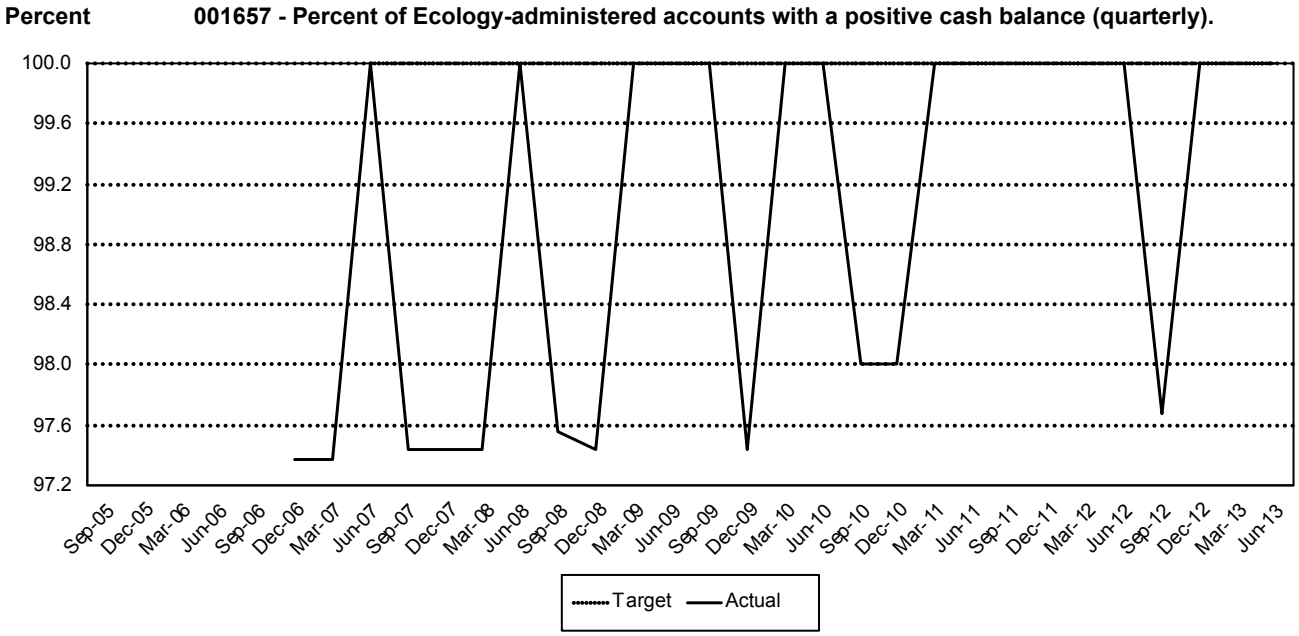
Biennium	Period	Actual	Target
2011-13	Q8		0
2011-13	Q4		0
2009-11	Q4	1	0
2007-09	Q8	2	0
2007-09	Q4	2	0



As of 9/3/2013

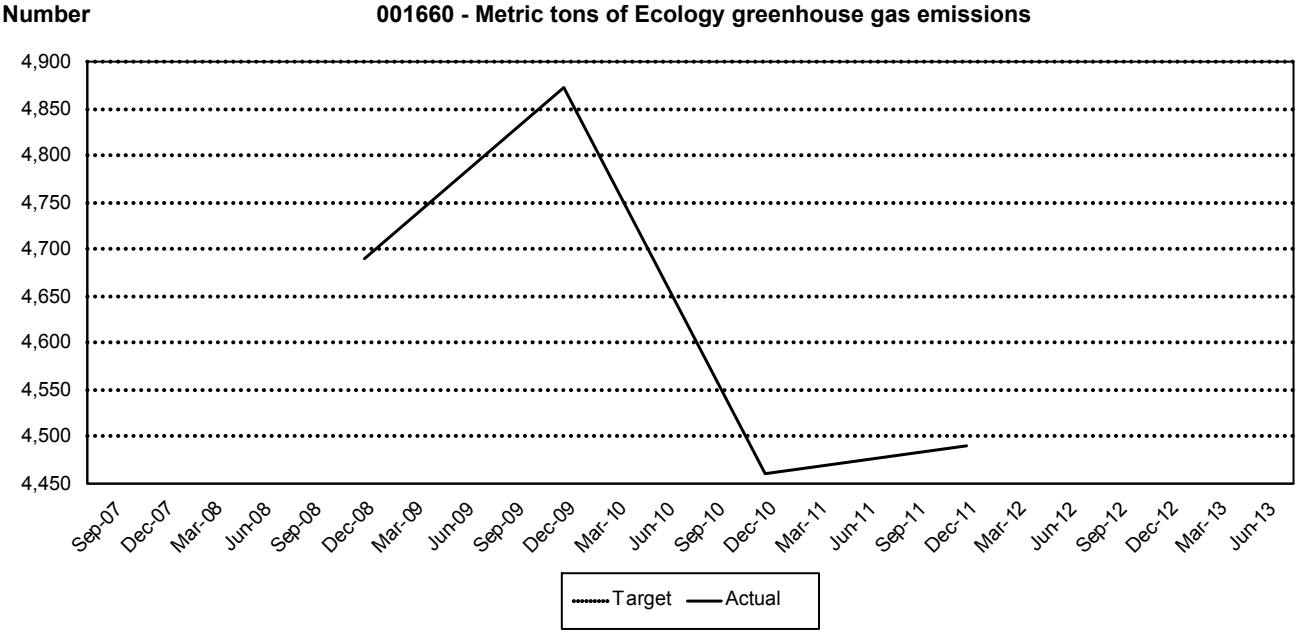
001657 - Percent of Ecology-administered dedicated accounts with a positive cash balance at the end of each quarter.			
Biennium	Period	Actual	Target
2011-13	Q8	100%	100%
2011-13	Q7	100%	
2011-13	Q6	100%	
2011-13	Q5	97.67%	
2011-13	Q4	100%	100%
2011-13	Q3	100%	
2011-13	Q2	100%	
2011-13	Q1	100%	
2009-11	Q8	100%	100%
2009-11	Q7	100%	
2009-11	Q6	98%	
2009-11	Q5	98%	
2009-11	Q4	100%	100%
2009-11	Q3	100%	
2009-11	Q2	97.44%	
2009-11	Q1	100%	
2007-09	Q8	100%	100%
2007-09	Q7	100%	
2007-09	Q6	97.44%	
2007-09	Q5	97.56%	
2007-09	Q4	100%	100%
2007-09	Q3	97.44%	
2007-09	Q2	97.44%	
2007-09	Q1	97.44%	

As of 9/3/2013



001660 - Pounds of Ecology greenhouse gas emissions			
Biennium	**Period**	**Actual**	**Target**
2011-13	Q2	4,491	
2009-11	Q6	4,461	
2009-11	Q2	4,872	
2007-09	Q6	4,690	

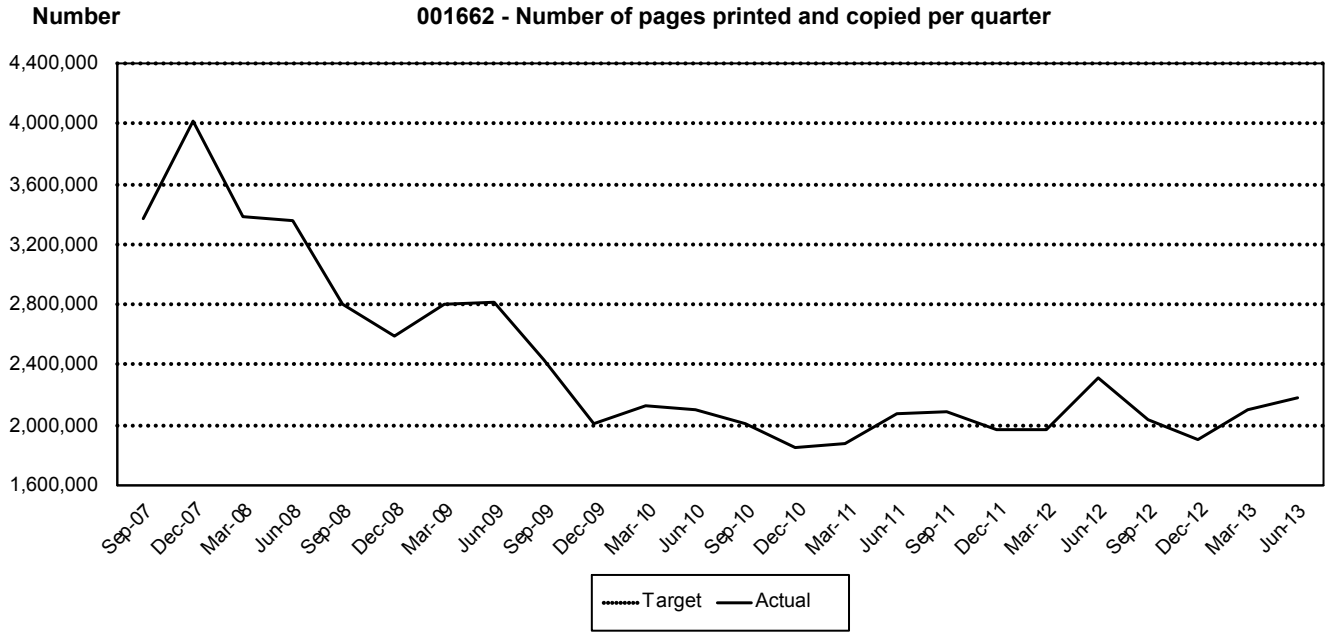
Date Measured: 12/31/2011
Comment: Total building energy use



001662 - The number of pages printed and copied per quarter.			
Biennium	Period	Actual	Target
2011-13	Q8	2,177,160	
2011-13	Q7	2,097,616	
2011-13	Q6	1,901,646	
2011-13	Q5	2,029,698	
2011-13	Q4	2,312,650	
2011-13	Q3	1,970,522	
2011-13	Q2	1,968,021	
2011-13	Q1	2,090,602	
2009-11	Q8	2,076,252	
2009-11	Q7	1,879,066	
2009-11	Q6	1,852,436	
2009-11	Q5	2,007,167	
2009-11	Q4	2,103,083	
2009-11	Q3	2,121,653	
2009-11	Q2	2,010,150	
2009-11	Q1	2,425,355	
2007-09	Q8	2,820,122	
2007-09	Q7	2,795,863	
2007-09	Q6	2,586,411	
2007-09	Q5	2,807,181	
2007-09	Q4	3,352,827	
2007-09	Q3	3,386,794	
2007-09	Q2	4,018,068	
2007-09	Q1	3,372,352	

Date Measured: 12/31/2011
Comment: Updated data 4/18/12

As of 9/3/2013

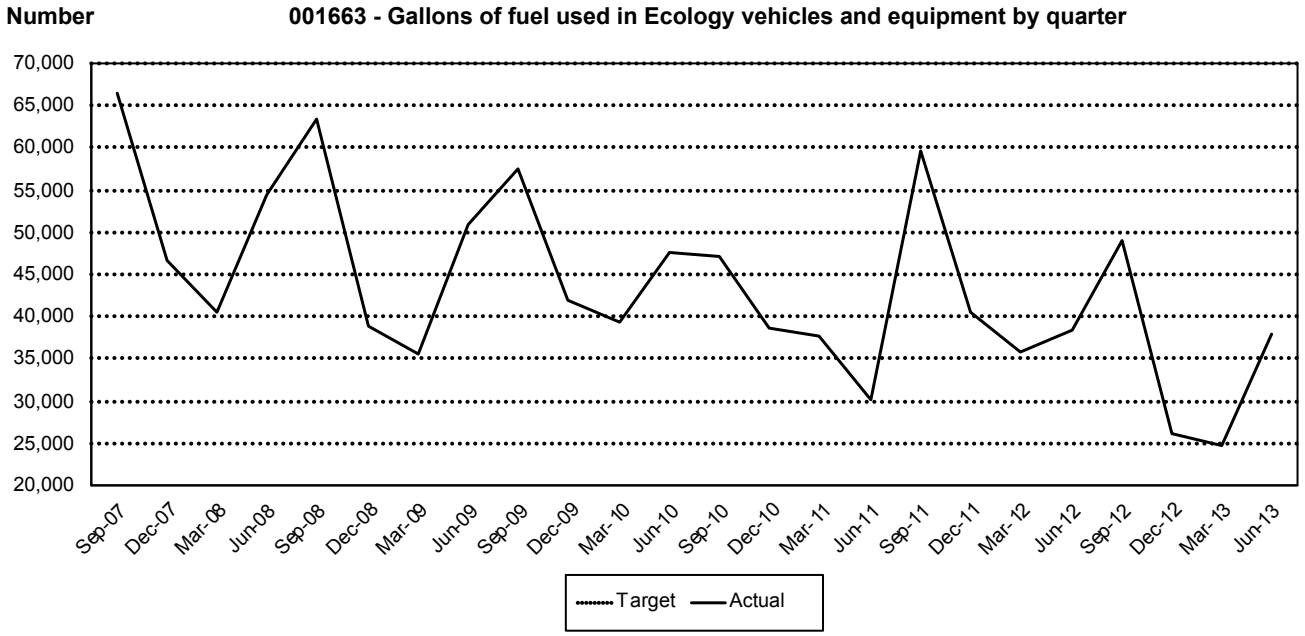

Number
001662 - Number of pages printed and copied per quarter
4,400,000
4,000,000
3,600,000
3,200,000
2,800,000
2,400,000
2,000,000
1,600,000
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

As of 9/3/2013

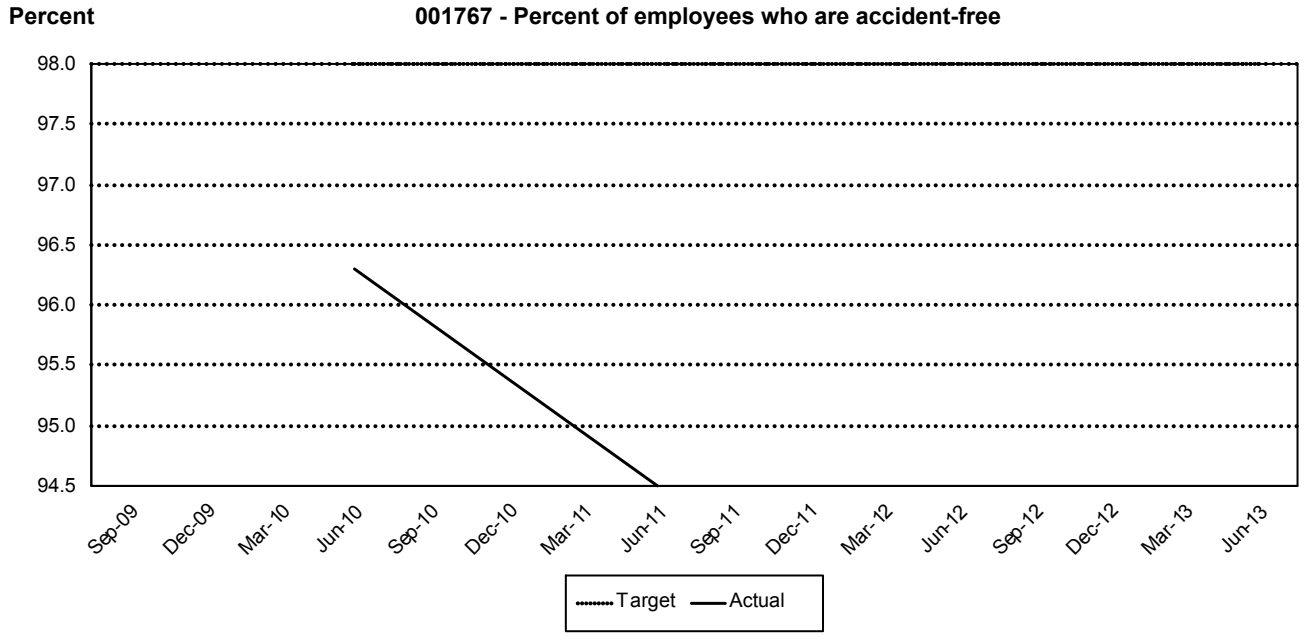
001663 - Gallons of fuel used in Ecology vehicles and equipment by quarter			
Biennium	Period	Actual	Target
2011-13	Q8	38,001	
2011-13	Q7	24,695	
2011-13	Q6	26,076	
2011-13	Q5	48,915	
2011-13	Q4	38,457	
2011-13	Q3	35,855	
2011-13	Q2	40,514	
2011-13	Q1	59,560	
2009-11	Q8	30,089	
2009-11	Q7	37,649	
2009-11	Q6	38,688	
2009-11	Q5	47,024	
2009-11	Q4	47,604	
2009-11	Q3	39,347	
2009-11	Q2	41,957	
2009-11	Q1	57,417	
2007-09	Q8	50,866	
2007-09	Q7	35,617	
2007-09	Q6	38,745	
2007-09	Q5	63,454	
2007-09	Q4	54,544	
2007-09	Q3	40,582	
2007-09	Q2	46,603	
2007-09	Q1	66,462	

Date Measured: 6/30/2012
Comment: Corrected erroneous entry 07-09-13

As of 9/3/2013

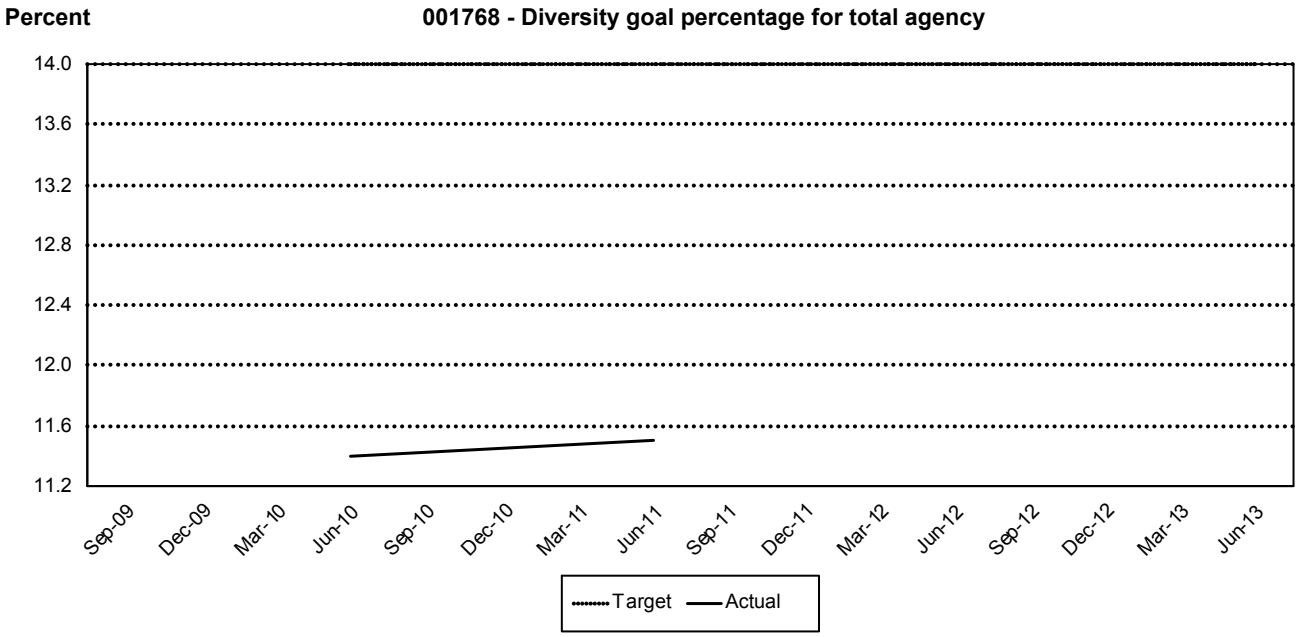


001767 - Percent of employees who are accident-free			
Biennium	**Period**	**Actual**	**Target**
2011-13	Q8		98%
2011-13	Q4		98%
2009-11	Q8	94.5%	98%
2009-11	Q4	96.3%	98%



As of 9/3/2013

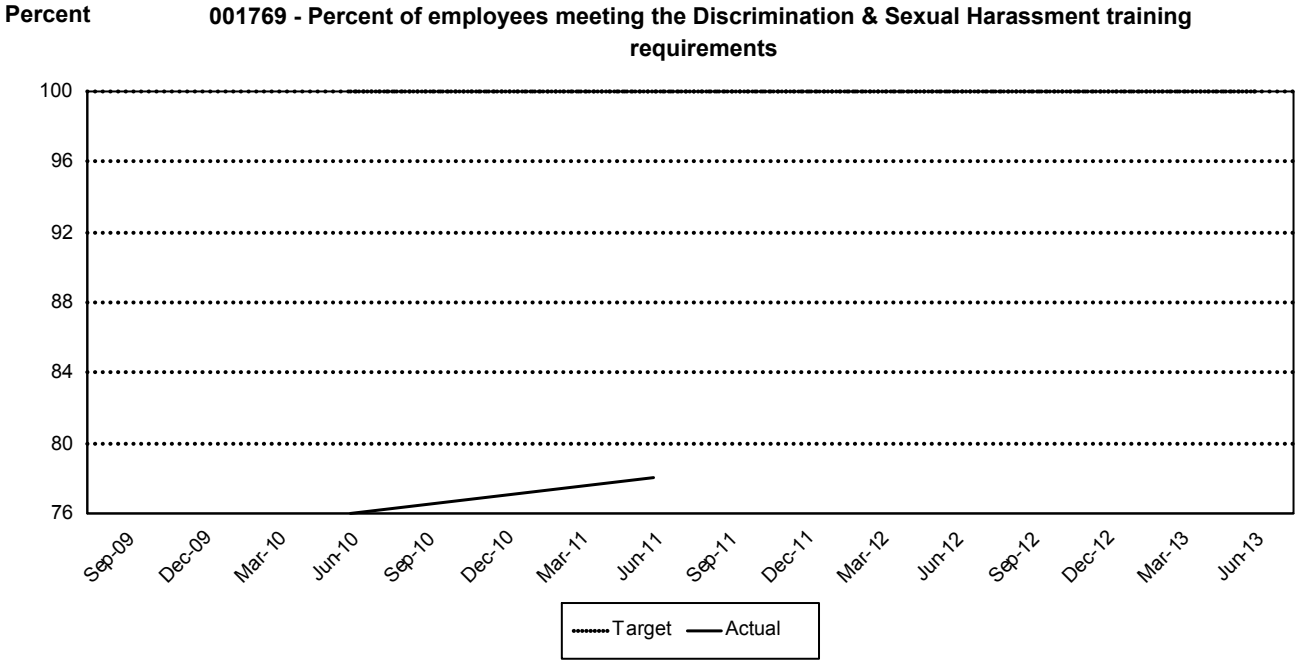
001768 - Diversity goal measures the percent of people of color for the total agency.			
Biennium	Period	Actual	Target
2011-13	Q8		14%
2011-13	Q4		14%
2009-11	Q8	11.5%	14%
2009-11	Q4	11.4%	14%



As of 9/3/2013

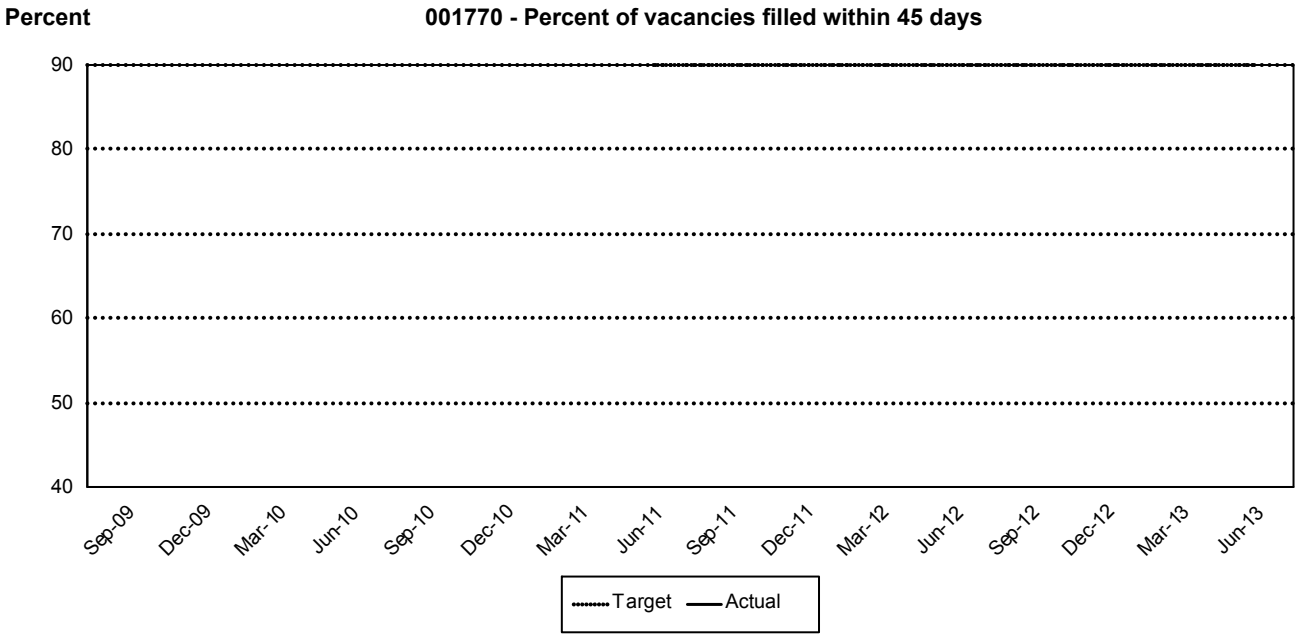
001769 - Percent of employees meeting the Discrimination & Sexual Harassment training requirements			
Biennium	**Period**	**Actual**	**Target**
2011-13	Q8		100%
2011-13	Q4		100%
2009-11	Q8	78%	
2009-11	Q4	76%	100%

Date Measured: 6/30/2011
Comment: 78% is the overall agency compliance with training requirements (Non-Supervisors at 82% and Supervisors at 58%)



001770 - Percent of vacancies filled within 45 days			
Biennium	Period	Actual	Target
2011-13	Q8		90%
2011-13	Q4		90%
2009-11	Q8	43%	90%

Date Measured: 6/30/2011
Comment: This is new measure starting with the implementation of the new Online Recruiting system on July 1, 2010.



A003 Assess, Set, and Enhance Instream Flows

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

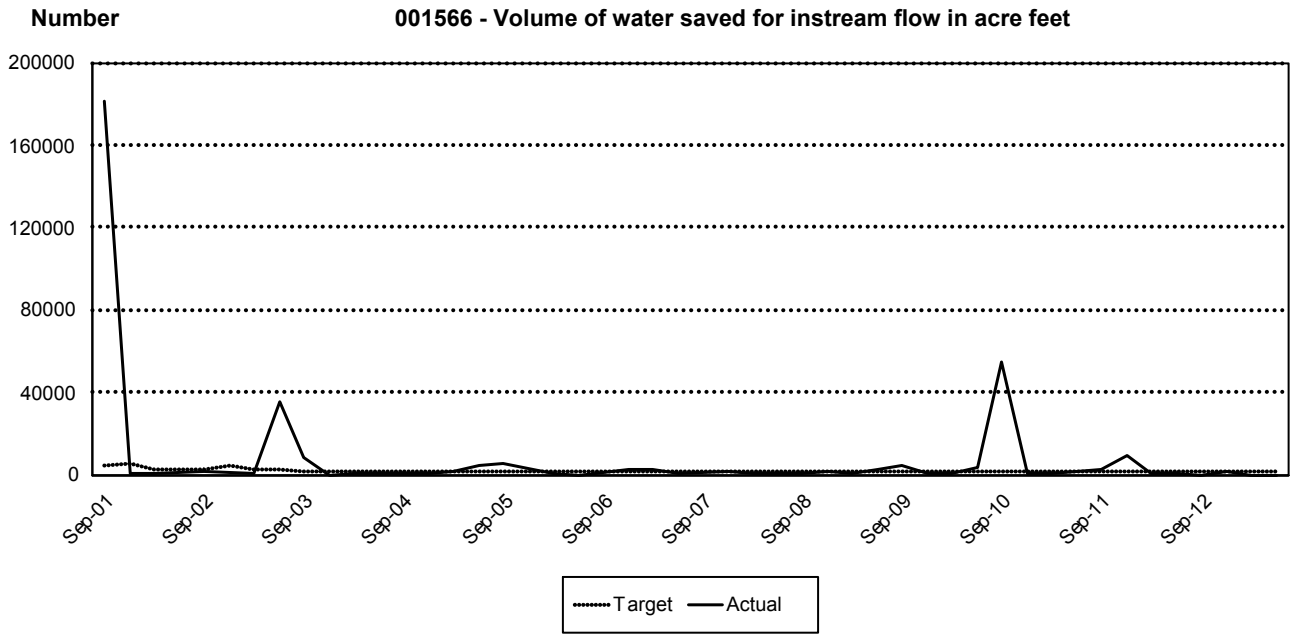
Expected Results

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.

001566 - Volume of water saved for instream flow in acre feet			
Biennium	Period	Actual	Target
2011-13	Q8	0	1,250
2011-13	Q7	0	1,250
2011-13	Q6	1,006	1,250
2011-13	Q5	17.71	1,250
2011-13	Q4	477.88	1,250
2011-13	Q3	485.53	1,250
2011-13	Q2	8,795.01	1,250
2011-13	Q1	2,302.53	1,250
2009-11	Q8	1,198.73	1,250
2009-11	Q7	103.83	1,250
2009-11	Q6	707.46	1,250
2009-11	Q5	54,629.63	1,250
2009-11	Q4	3,697.95	1,250
2009-11	Q3	387.3	1,250
2009-11	Q2	617.95	1,250
2009-11	Q1	4,403.65	1,250
2007-09	Q8	2,816.81	1,250
2007-09	Q7	605.37	1,250
2007-09	Q6	1,530	1,250
2007-09	Q5	415	1,250
2007-09	Q4	114.28	1,250
2007-09	Q3	51	1,250
2007-09	Q2	1,651	1,250
2007-09	Q1		1,250

Date Measured: 6/30/2009
Comment: 2,816.81 AAF for $651,880-6 purchases & 1 lease. In WRIA 48-Methow, 342AF purchase for ECY share $27,250; WRIA 39-Upper Yakima: 1 yr lease of 1,269AF irrigat & 258.5 AF ditch for ECY share $24,937; 5 purchases for 919.71AF for ECY share of $599,693.

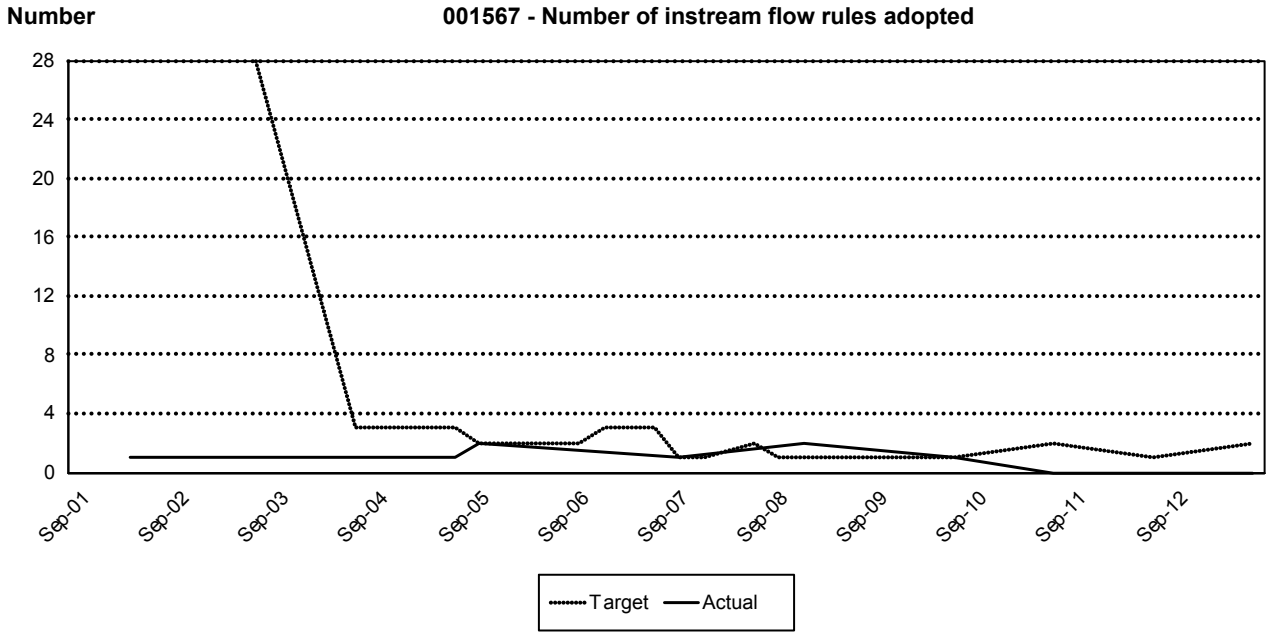
As of 9/3/2013


Number
001566 - Volume of water saved for instream flow in acre feet
200000
160000
120000
80000
40000
0
Sep-01
Sep-02
Sep-03
Sep-04
Sep-05
Sep-06
Sep-07
Sep-08
Sep-09
Sep-10
Sep-11
Sep-12
Target
Actual

As of 9/3/2013

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

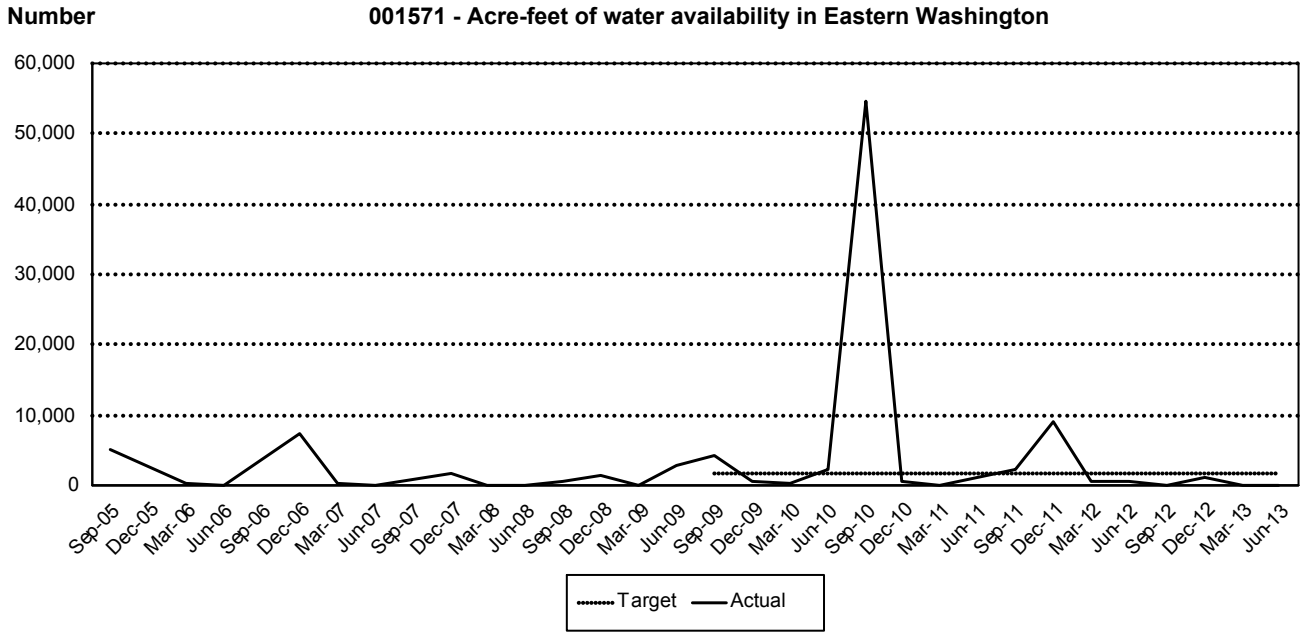
Date Measured: 6/30/2012
Comment: Filed the CR-102 for the Dungeness instream flow rule on May 9; on June 28 a workshop and public hearing was held in Sequim. Anticipate adopting the instream flow rule in September.



001571 - Acre-feet of additional water availability in Eastern Washington (Columbia Basin)			
Biennium	Period	Actual	Target
2011-13	Q8	0	1,800
2011-13	Q7	0	1,800
2011-13	Q6	1,006	1,800
2011-13	Q5	17.71	1,800
2011-13	Q4	477.88	1,800
2011-13	Q3	485.53	1,800
2011-13	Q2	8,975.01	1,800
2011-13	Q1	2,302.53	1,800
2009-11	Q8	1,198.73	1,800
2009-11	Q7	0	1,800
2009-11	Q6	682.46	1,800
2009-11	Q5	54,629.63	1,800
2009-11	Q4	2,157.95	1,800
2009-11	Q3	387.3	1,800
2009-11	Q2	617.9	1,800
2009-11	Q1	4,144.56	1,800
2007-09	Q8	2,816.81	
2007-09	Q7	5.37	
2007-09	Q6	1,530	
2007-09	Q5	415	
2007-09	Q4	114.28	
2007-09	Q3	51	
2007-09	Q2	1,650	

Date Measured: 6/30/2009
Comment: 2,816.81 AAF for $651,880 - 6 purchases & 1 lease (see measure WR02 for additional detail).

As of 9/3/2013



001655 - Refer to Narrative Justification

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

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

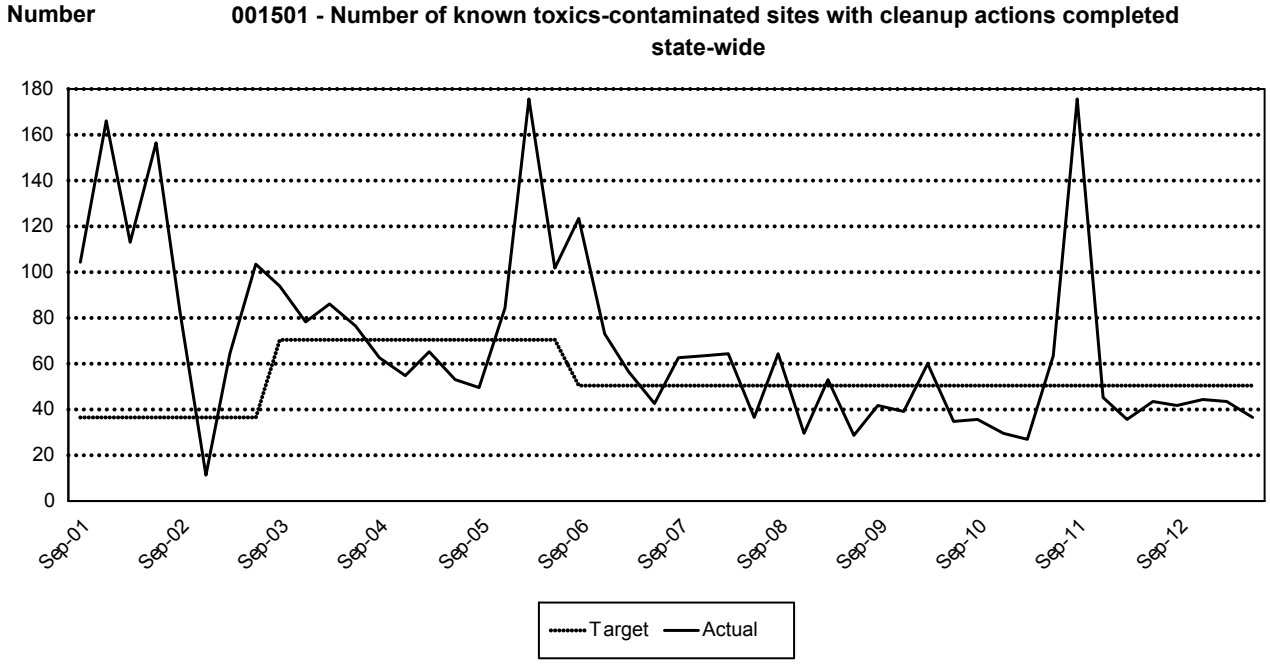
Expected Results

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.

As of 9/3/2013

001501 - Number of known toxics-contaminated sites with cleanup actions completed.			
Biennium	Period	Actual	Target
2011-13	Q8	36	50
2011-13	Q7	43	50
2011-13	Q6	44	50
2011-13	Q5	41	50
2011-13	Q4	43	50
2011-13	Q3	35	50
2011-13	Q2	45	50
2011-13	Q1	175	50
2009-11	Q8	63	50
2009-11	Q7	27	50
2009-11	Q6	29	50
2009-11	Q5	35	50
2009-11	Q4	34	50
2009-11	Q3	60	50
2009-11	Q2	39	50
2009-11	Q1	41	50
2007-09	Q8	28	50
2007-09	Q7	53	50
2007-09	Q6	29	50
2007-09	Q5	64	50
2007-09	Q4	36	50
2007-09	Q3	64	50
2007-09	Q2	63	50
2007-09	Q1	62	50

Date Measured: 9/30/2010
Comment: Updated estimate.



001655 - Refer to Narrative Justification

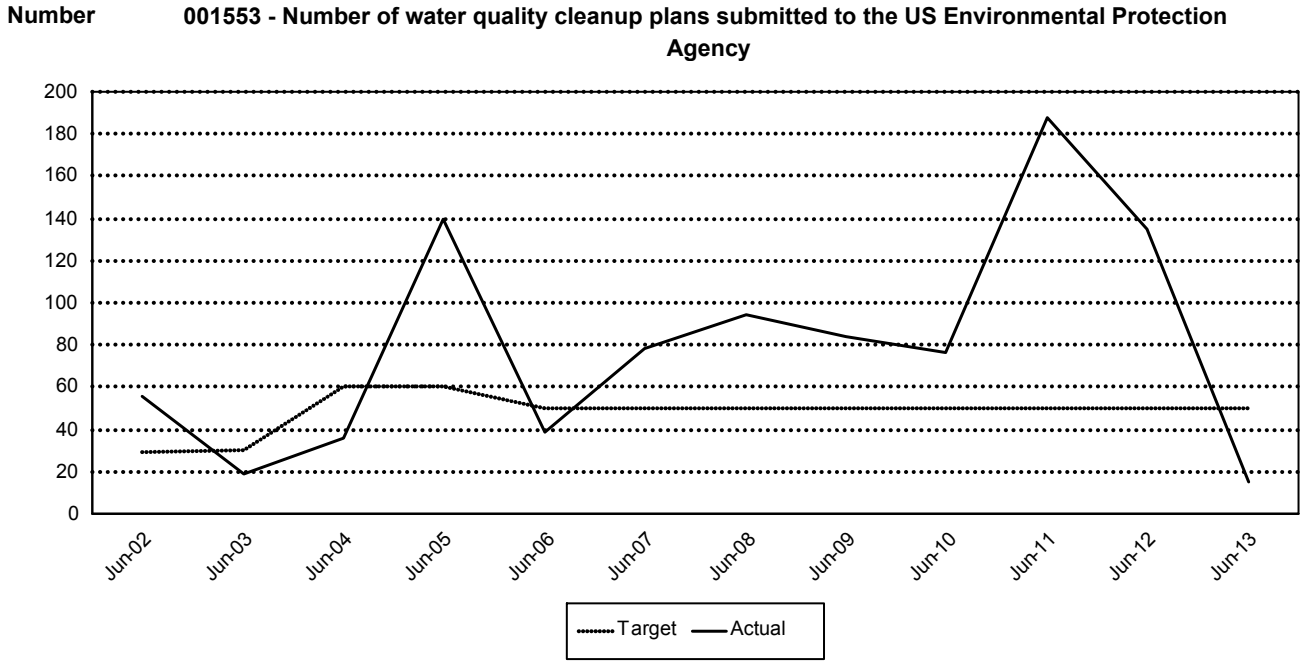
A006 Clean Up Polluted Waters

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

Expected Results

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

001553 - Number of water quality cleanup plans submitted to the US Environmental Protection Agency			
Biennium	Period	Actual	Target
2011-13	A2	15	50
2011-13	A1	135	50
2009-11	A2	188	50
2009-11	A1	76	50
2007-09	A2	84	50
2007-09	A1	94	50



001655 - Refer to Narrative Justification

A007 Conduct Environmental Studies for Pollution Source Identification and Control

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

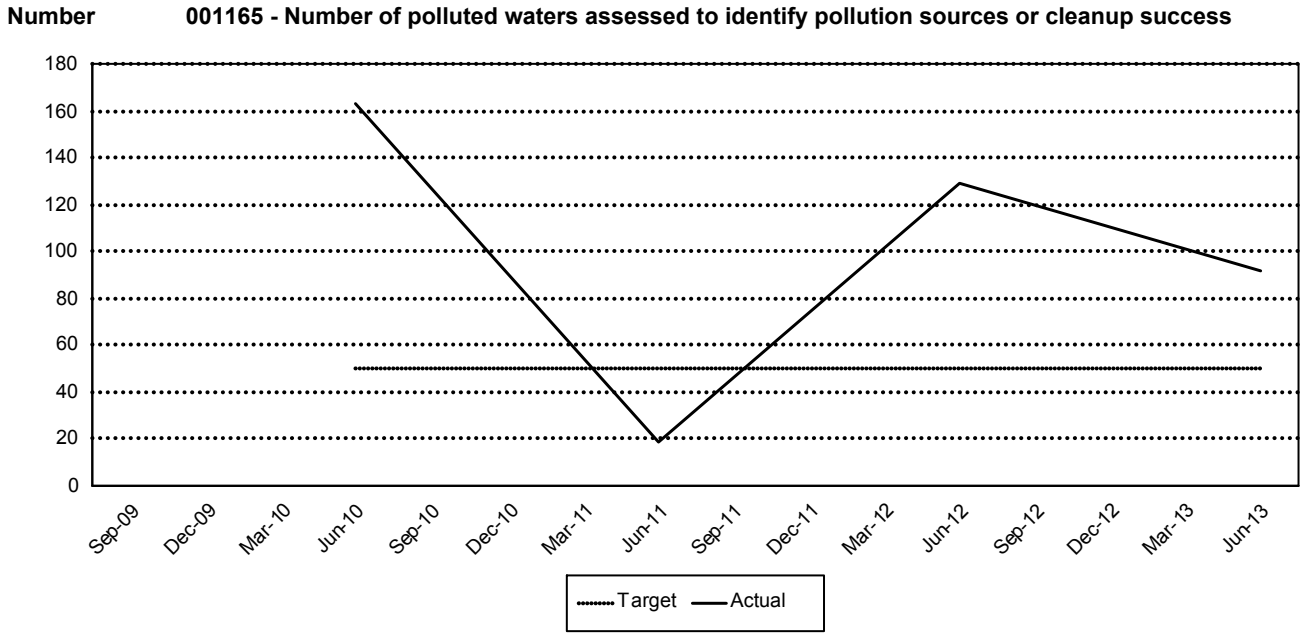
Statewide Strategy: **Provide good science and natural resource monitoring data to support decision-making**

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.

001165 - Number of polluted waters assessed to identify pollution sources or cleanup success.			
Biennium	Period	Actual	Target
2011-13	A2	92	50
2011-13	A1	129	50
2009-11	A2	19	50
2009-11	A1	163	50

Date Measured: 6/30/2012
Comment: Per Year. Includes Budd-Deschutes TMDL.



001655 - Refer to Narrative Justification

A008 Control Stormwater Pollution

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.

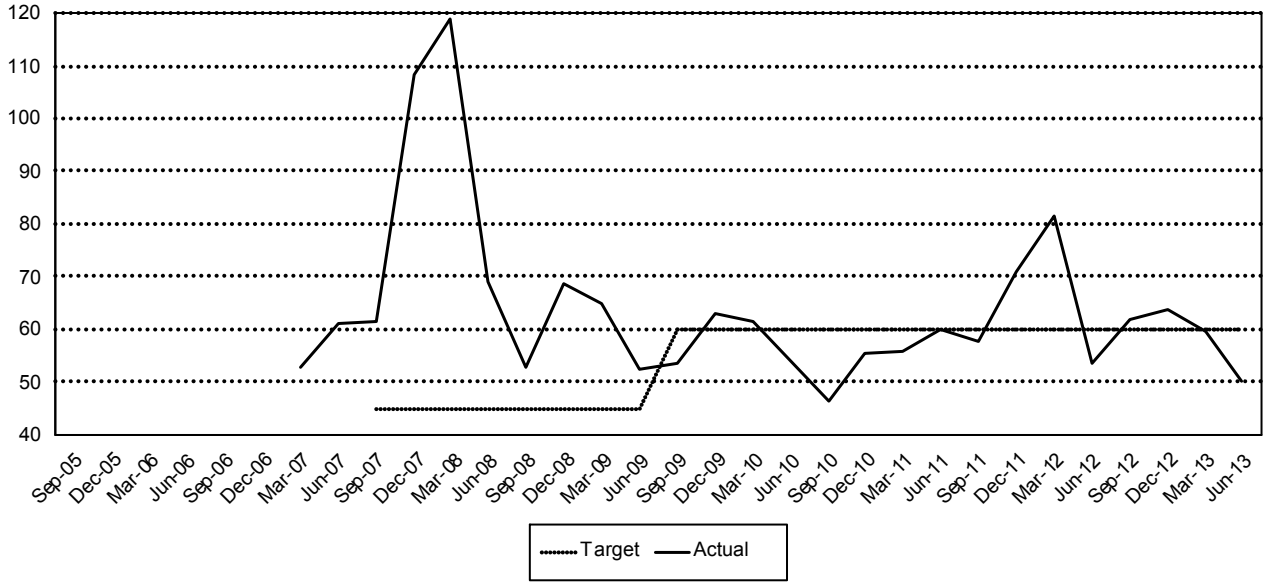
As of 9/3/2013

001554 - Average number of days it takes to make final decisions on construction stormwater permits.			
Biennium	Period	Actual	Target
2011-13	Q8	50.14	60
2011-13	Q7	59.6	60
2011-13	Q6	63.64	60
2011-13	Q5	62.05	60
2011-13	Q4	53.66	60
2011-13	Q3	81.36	60
2011-13	Q2	70.94	60
2011-13	Q1	57.8	60
2009-11	Q8	60	60
2009-11	Q7	55.67	60
2009-11	Q6	55.3	60
2009-11	Q5	46.23	60
2009-11	Q4	53.93	60
2009-11	Q3	61.44	60
2009-11	Q2	63.1	60
2009-11	Q1	53.67	60
2007-09	Q8	52.41	45
2007-09	Q7	64.98	45
2007-09	Q6	68.75	45
2007-09	Q5	52.65	45
2007-09	Q4	69.03	45
2007-09	Q3	119	45
2007-09	Q2	108.23	45
2007-09	Q1	61.38	45

Date Measured: 6/30/2013
Comment: Data based on 238 decisions. Rec'd to complete was 19.96; complete to coverage was 30.18, and rec'd to coverage was 50.14. Data retrieved on 7/31/13

As of 9/3/2013

Number **001554 - Average number of days it takes to make final decisions on construction stormwater permits**

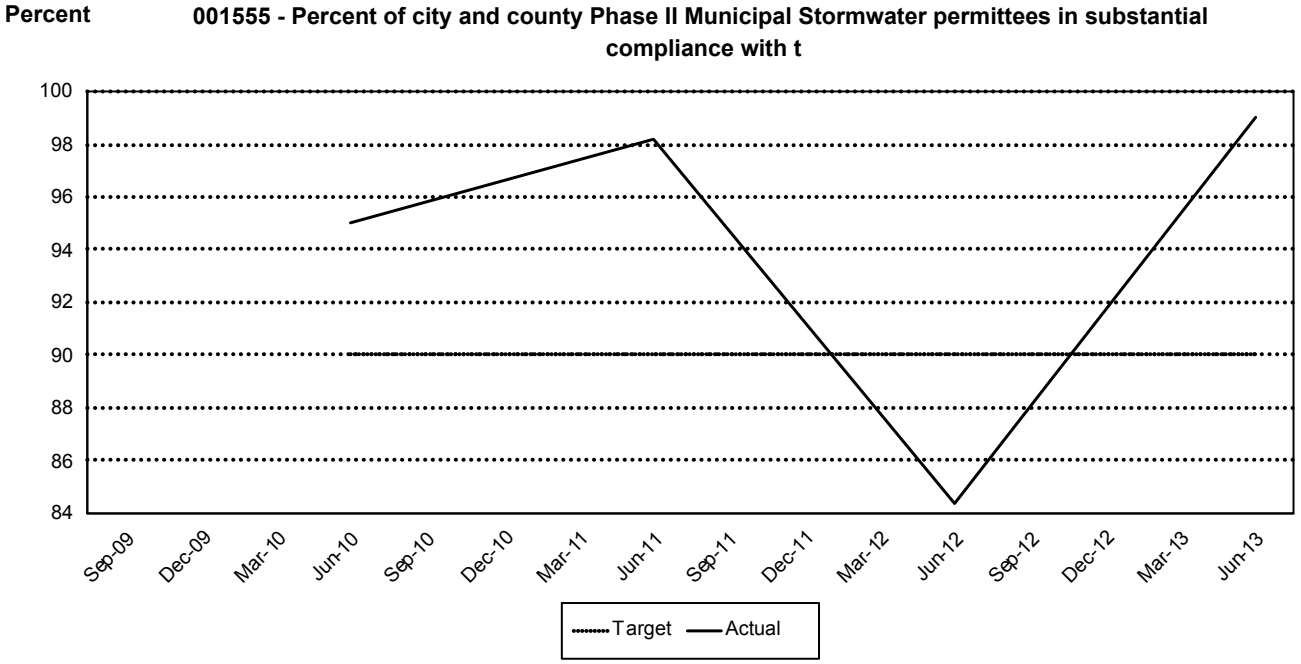


As of 9/3/2013

001555 - Percent of city and county Phase II Municipal Stormwater permittees in substantial compliance with their permit.

Biennium	Period	Actual	Target
2011-13	Q8	99%	90%
2011-13	Q4	84.4%	90%
2009-11	Q8	98.2%	90%
2009-11	Q4	95%	90%

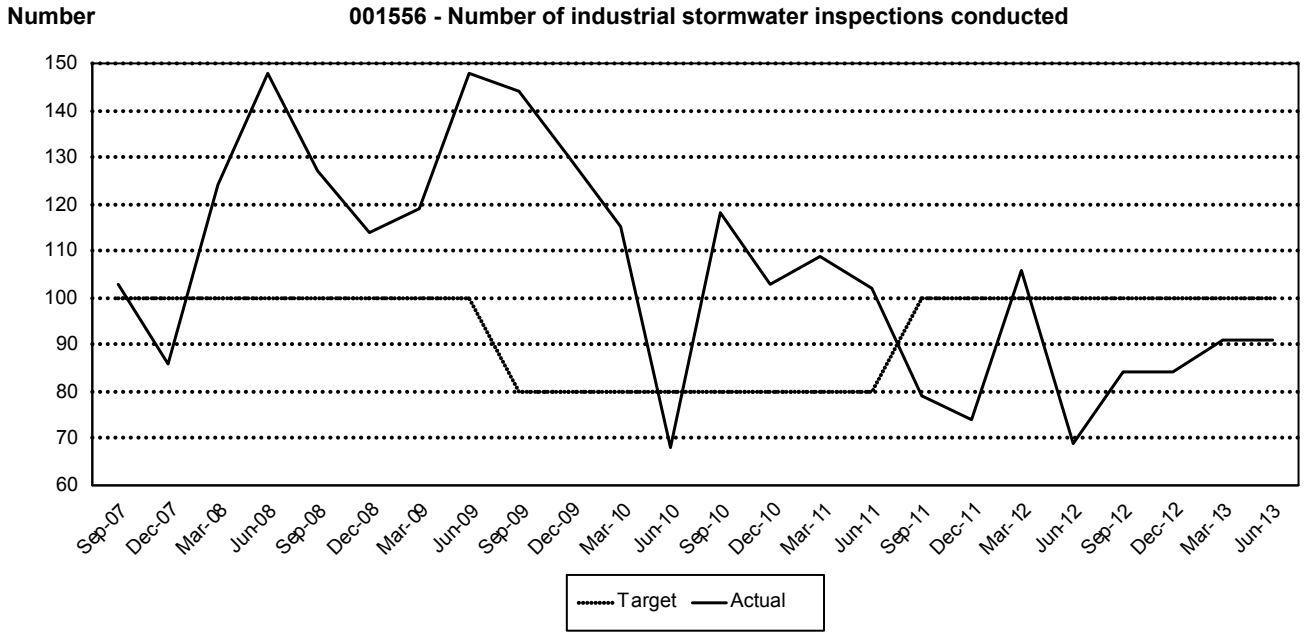
Date Measured: 6/30/2012
Comment: Smaller jurisdictions are struggling with budget shortfalls and loss of staff.



001556 - Number of industrial stormwater inspections			
Biennium	Period	Actual	Target
2011-13	Q8	91	100
2011-13	Q7	91	100
2011-13	Q6	84	100
2011-13	Q5	84	100
2011-13	Q4	69	100
2011-13	Q3	106	100
2011-13	Q2	74	100
2011-13	Q1	79	100
2009-11	Q8	102	80
2009-11	Q7	109	80
2009-11	Q6	103	80
2009-11	Q5	118	80
2009-11	Q4	68	80
2009-11	Q3	115	80
2009-11	Q2	130	80
2009-11	Q1	144	80
2007-09	Q8	148	100
2007-09	Q7	119	100
2007-09	Q6	114	100
2007-09	Q5	127	100
2007-09	Q4	148	100
2007-09	Q3	124	100
2007-09	Q2	86	100
2007-09	Q1	103	100

Date Measured: 6/30/2013
Comment: 76 facilities inspected. Data as of 7-31-2013

As of 9/3/2013

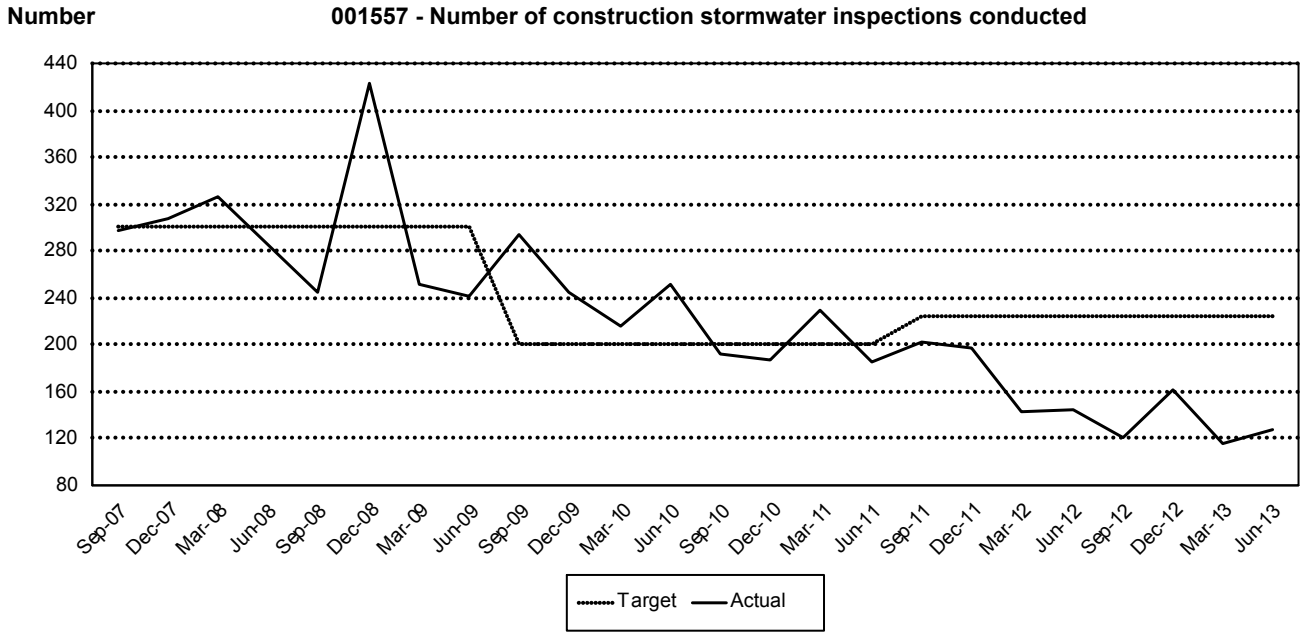

Number
001556 - Number of industrial stormwater inspections conducted
150
140
130
120
110
100
90
80
70
60
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

001557 - Number of construction stormwater inspections			
Biennium	Period	Actual	Target
2011-13	Q8	128	225
2011-13	Q7	115	225
2011-13	Q6	161	225
2011-13	Q5	120	225
2011-13	Q4	144	225
2011-13	Q3	142	225
2011-13	Q2	197	225
2011-13	Q1	203	225
2009-11	Q8	186	200
2009-11	Q7	230	200
2009-11	Q6	187	200
2009-11	Q5	192	200
2009-11	Q4	251	200
2009-11	Q3	215	200
2009-11	Q2	244	200
2009-11	Q1	294	200
2007-09	Q8	242	300
2007-09	Q7	251	300
2007-09	Q6	423	300
2007-09	Q5	245	300
2007-09	Q4	286	300
2007-09	Q3	326	300
2007-09	Q2	308	300
2007-09	Q1	298	300

Date Measured: 6/30/2013

Comment: 117 facilities inspected. Data as of 7-31-2013.

As of 9/3/2013

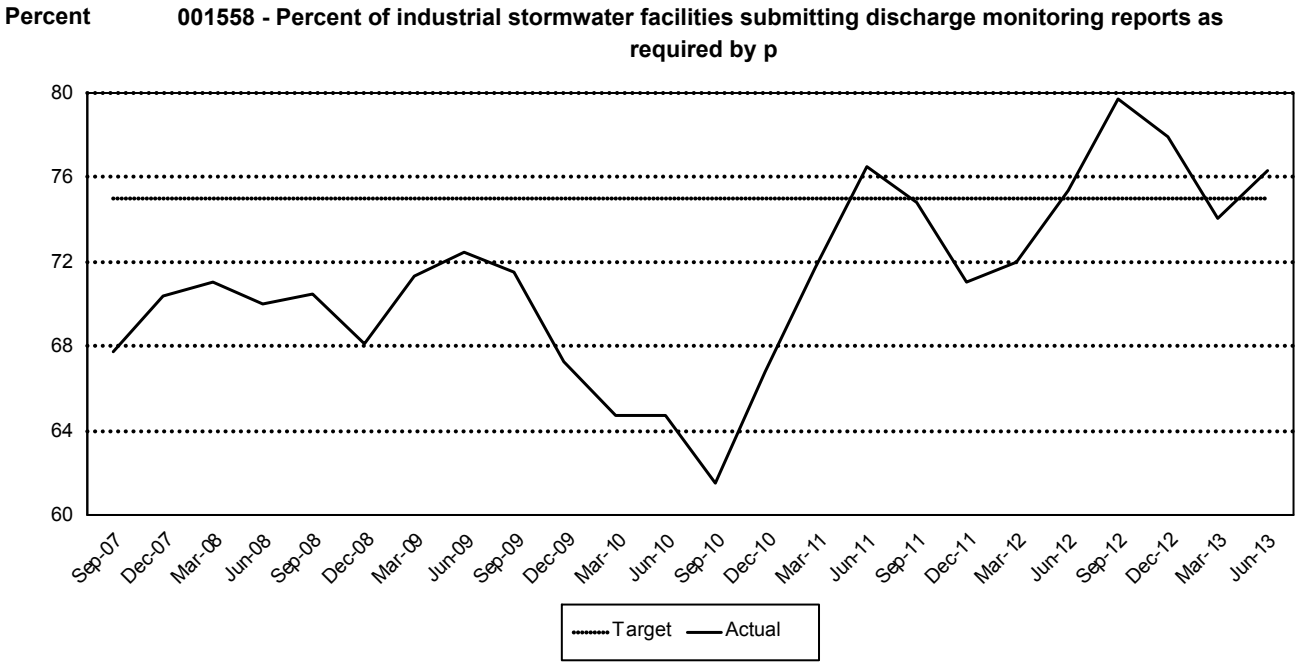

Number
001557 - Number of construction stormwater inspections conducted
440
400
360
320
280
240
200
160
120
80
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

As of 9/3/2013

001558 - Percent of industrial stormwater facilities submitting discharge monitoring reports as required by permit			
Biennium	Period	Actual	Target
2011-13	Q8	76.3%	75%
2011-13	Q7	74.05%	75%
2011-13	Q6	77.95%	75%
2011-13	Q5	79.71%	75%
2011-13	Q4	75.37%	75%
2011-13	Q3	71.94%	75%
2011-13	Q2	71.02%	75%
2011-13	Q1	74.8%	75%
2009-11	Q8	76.5%	75%
2009-11	Q7	71.67%	75%
2009-11	Q6	66.75%	75%
2009-11	Q5	61.5%	75%
2009-11	Q4	64.69%	75%
2009-11	Q3	64.69%	75%
2009-11	Q2	67.27%	75%
2009-11	Q1	71.53%	75%
2007-09	Q8	72.48%	75%
2007-09	Q7	71.34%	75%
2007-09	Q6	68.11%	75%
2007-09	Q5	70.51%	75%
2007-09	Q4	70.02%	75%
2007-09	Q3	71.08%	75%
2007-09	Q2	70.39%	75%
2007-09	Q1	67.69%	75%

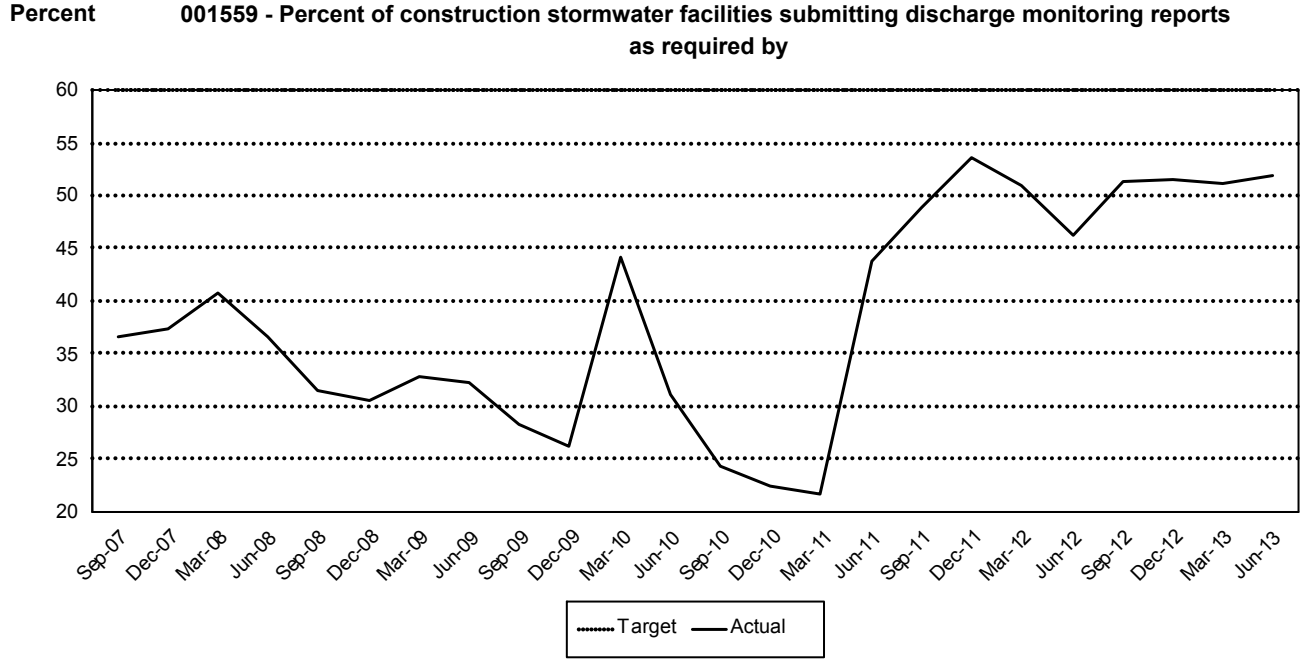
Date Measured: 6/30/2013
Comment: Data for DMRs due during Jan-Mar 13 as of 7/31/13 from PARIS database.

As of 9/3/2013


Percent
001558 - Percent of industrial stormwater facilities submitting discharge monitoring reports as required by p
80
76
72
68
64
60
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

001559 - Percent of construction stormwater facilities submitting discharge monitoring reports as required by permit			
Biennium	Period	Actual	Target
2011-13	Q8	51.96%	60%
2011-13	Q7	51.15%	60%
2011-13	Q6	51.53%	60%
2011-13	Q5	51.32%	60%
2011-13	Q4	46.28%	60%
2011-13	Q3	50.92%	60%
2011-13	Q2	53.62%	60%
2011-13	Q1	48.85%	60%
2009-11	Q8	43.79%	60%
2009-11	Q7	21.76%	60%
2009-11	Q6	22.36%	60%
2009-11	Q5	24.34%	60%
2009-11	Q4	31.21%	60%
2009-11	Q3	44.17%	60%
2009-11	Q2	26.24%	60%
2009-11	Q1	28.22%	60%
2007-09	Q8	32.32%	60%
2007-09	Q7	32.74%	60%
2007-09	Q6	30.63%	60%
2007-09	Q5	31.57%	60%
2007-09	Q4	36.68%	60%
2007-09	Q3	40.84%	60%
2007-09	Q2	37.37%	60%
2007-09	Q1	36.54%	60%

Date Measured: 6/30/2013
Comment: Data for January-March 2013 submittal period as of 7-31-2013 from PARIS database.



001655 - Refer to Narrative Justification

A009 Eliminate Waste and Promote Material Reuse

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.

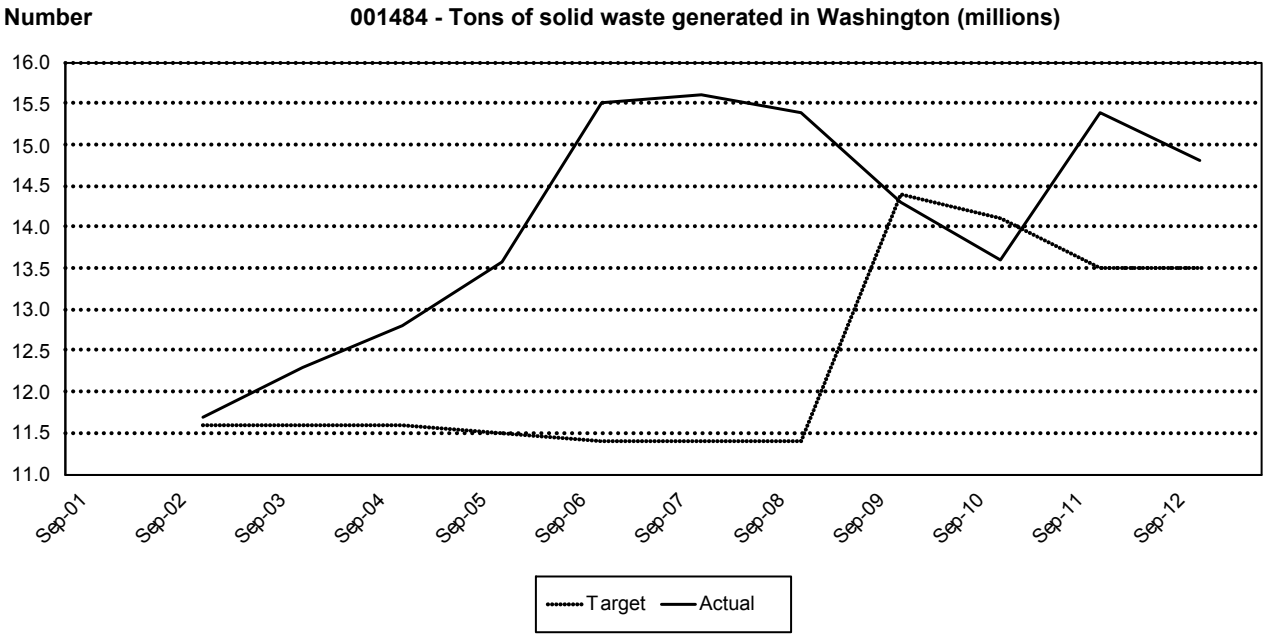
* Increased recovery and use of valuable materials from wastes.

* Increased reuse of construction and demolition materials, organic matter, compost, and biosolids.

* Decreased amount of wastes disposed of at waste disposal facilities.

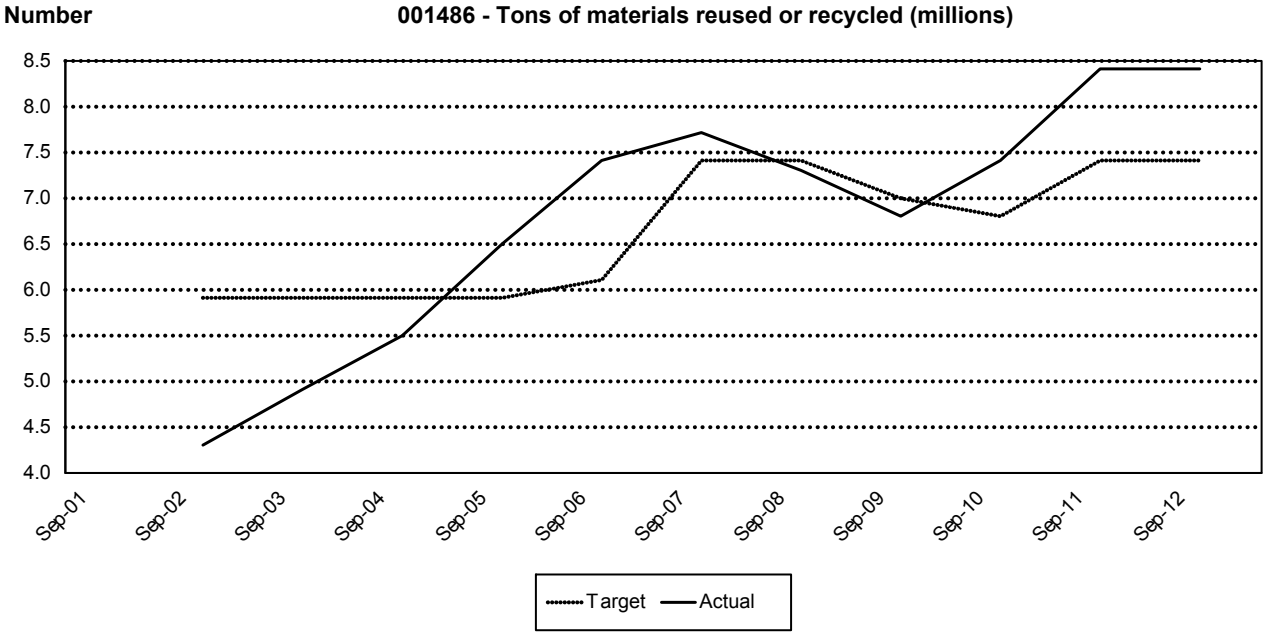
001484 - Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2011-13	Q6	14.8	13.5
2011-13	Q2	15.4	13.5
2009-11	Q6	13.6	14.1
2009-11	Q2	14.3	14.4
2007-09	Q6	15.4	11.4
2007-09	Q2	15.6	11.4

Date Measured: 12/31/2011
Comment: For calendar year 2010.



001486 - Millions of tons of materials reused or recyled annually. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2011-13	Q6	8.4	7.4
2011-13	Q2	8.4	7.4
2009-11	Q6	7.4	6.8
2009-11	Q2	6.8	7
2007-09	Q6	7.3	7.4
2007-09	Q2	7.7	7.4

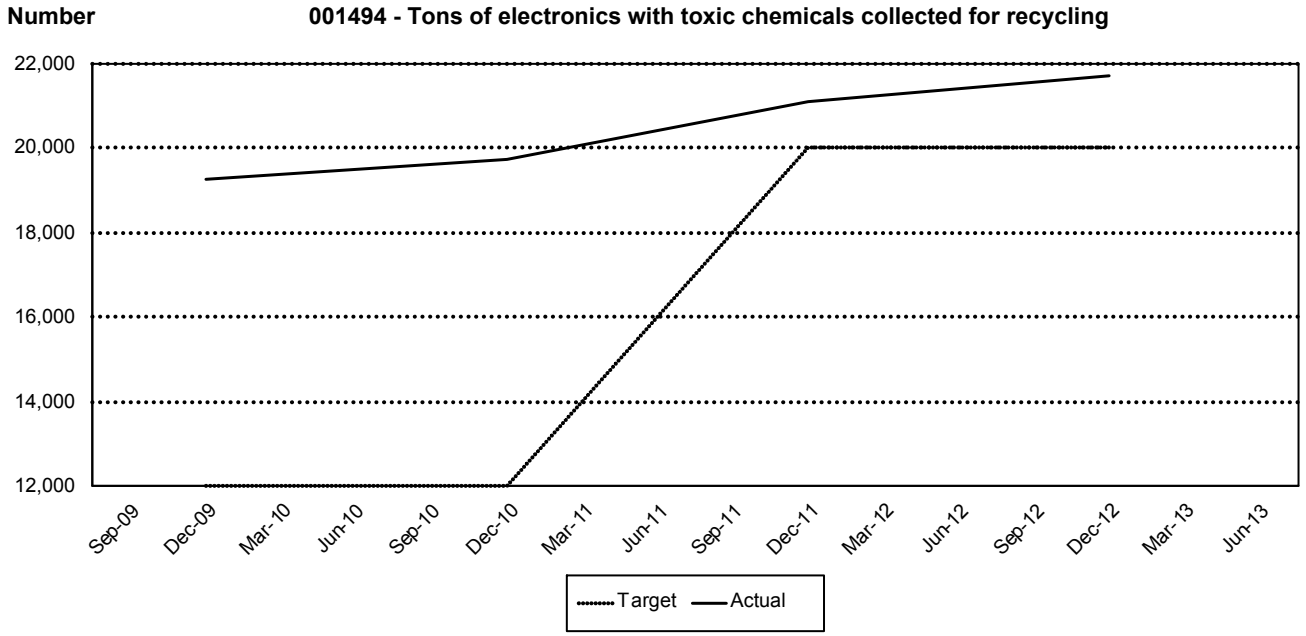
Date Measured: 12/31/2011
Comment: For calendar year 2010.



As of 9/3/2013

001494 - Tons of electronics with toxic chemicals collected for recycling.			
Biennium	Period	Actual	Target
2011-13	Q6	21,737	20,000
2011-13	Q2	21,096	20,000
2009-11	Q6	19,734	12,000
2009-11	Q2	19,274	12,000

Date Measured: 12/31/2011
Comment: For calendar year 2011.

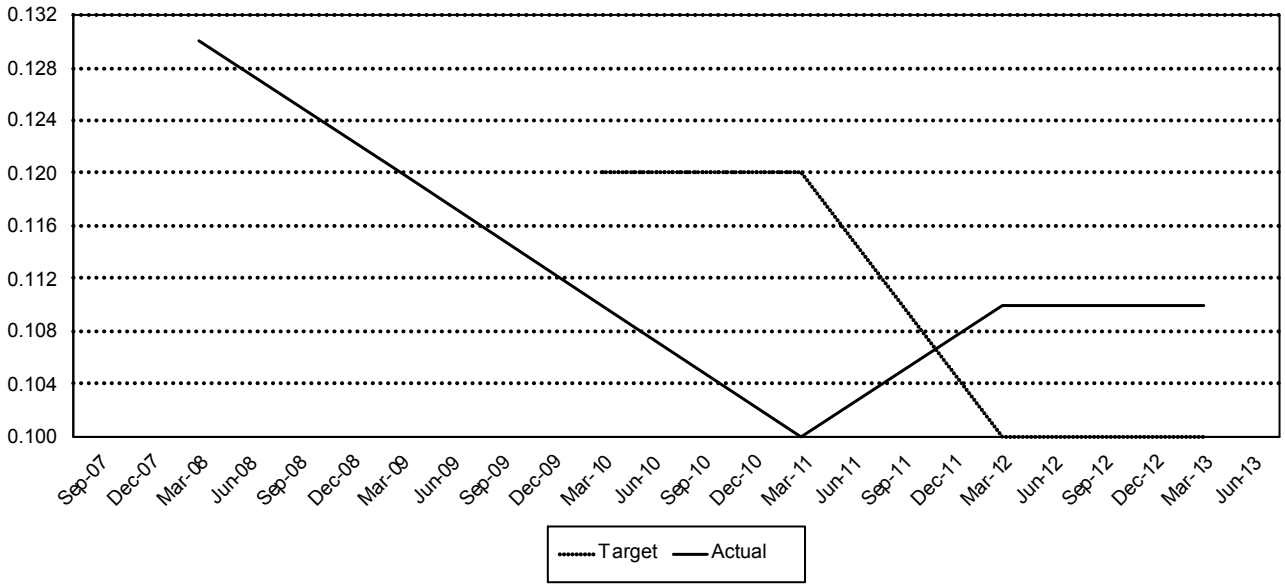


As of 9/3/2013

001496 - Pounds of solid waste generated per dollar (State GDP). Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	0.11	0.1
2011-13	Q3	0.11	0.1
2009-11	Q7	0.1	0.12
2009-11	Q3	0.11	0.12
2007-09	Q7	0.12	
2007-09	Q3	0.13	

Date Measured: 3/31/2012
Comment: Revised - the Bureau of Economic Analysis revised their GDP estimates for states going back several years

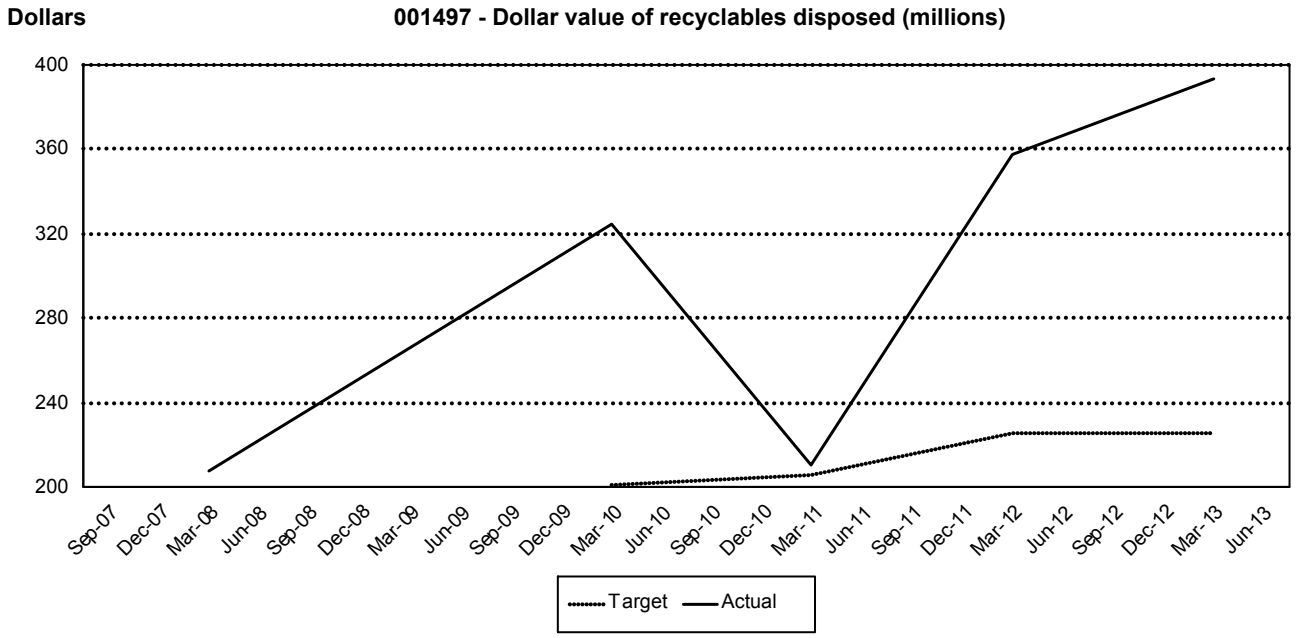
Number **001496 - Pounds of solid waste generated per dollar (State GDP, gross domestic product)**



As of 9/3/2013

001497 - Dollar value of recyclables disposed (in millions). Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	$393.3	$225
2011-13	Q3	$357.3	$225
2009-11	Q7	$210.4	$206
2009-11	Q3	$324.1	$201
2007-09	Q7	$265.7	
2007-09	Q3	$207.1	

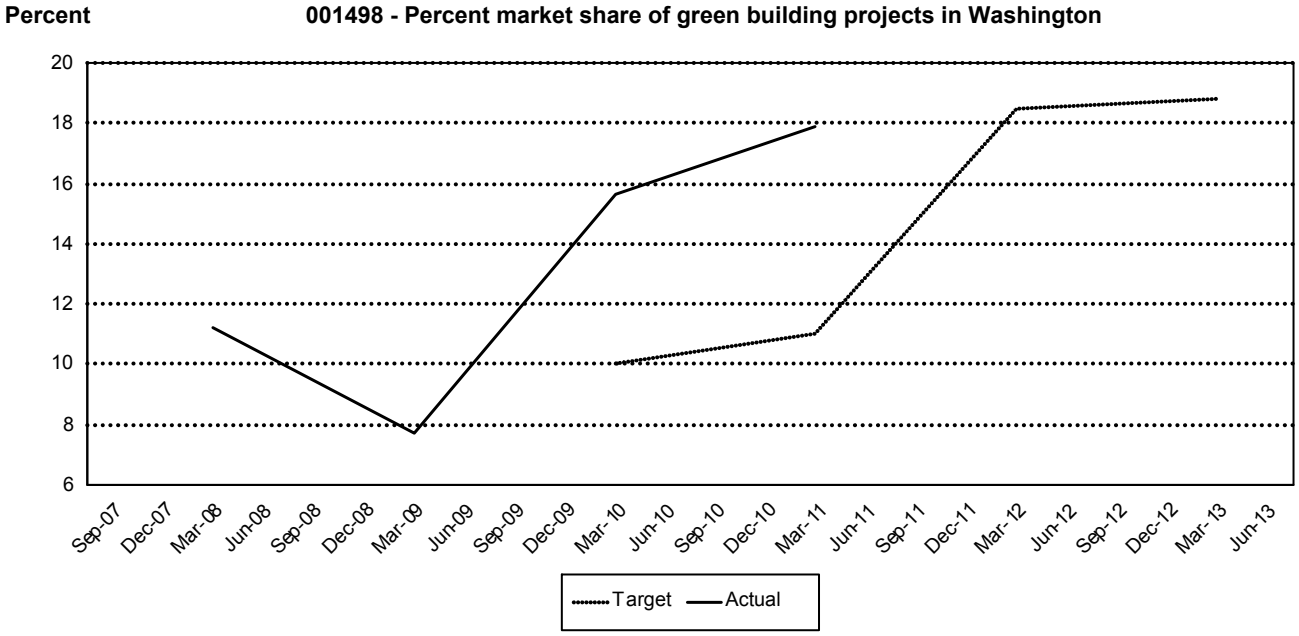
Date Measured: 3/31/2011
Comment: Revised based on new data for electronics.



As of 9/3/2013

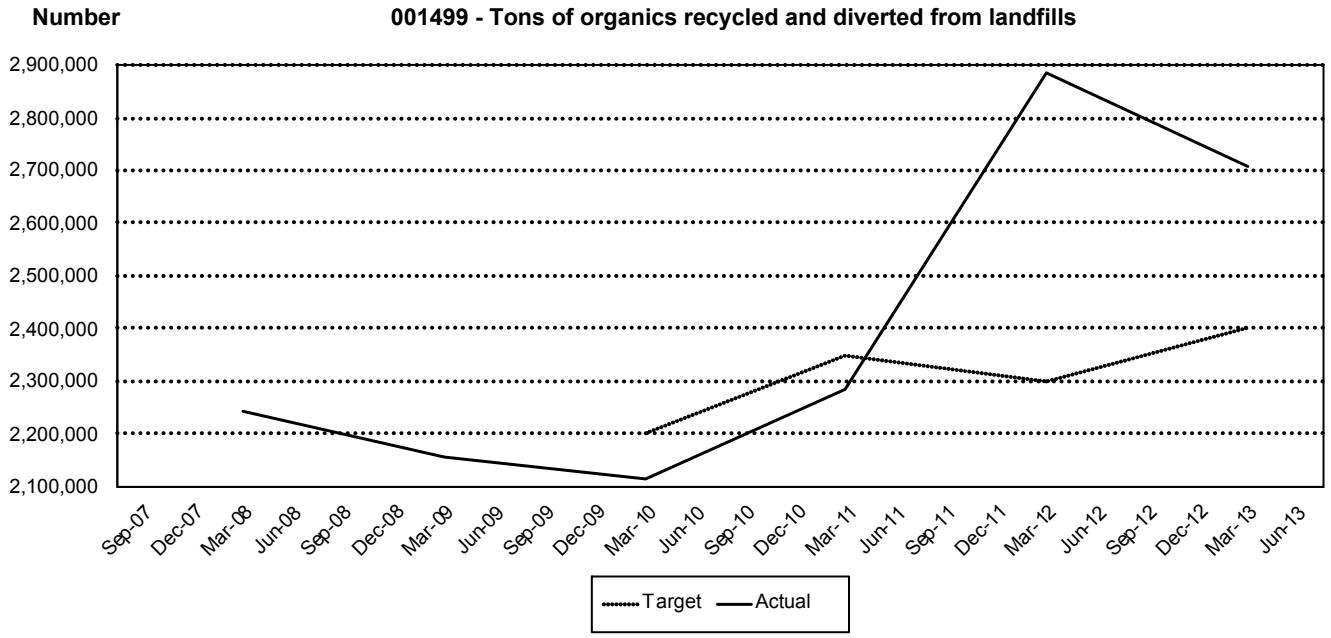
001498 - Percent market share of green building projects in Washington. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7		18.8%
2011-13	Q3		18.5%
2009-11	Q7	17.91%	11%
2009-11	Q3	15.67%	10%
2007-09	Q7	7.69%	
2007-09	Q3	11.2%	

Date Measured: 3/31/2012
Comment: Cannot report data - Legislative proviso prohibited work on Green Building and funding reduced so not able to purchase needed data.



001499 - Tons of organics recycled and diverted from landfills. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	2,708,519	2,400,000
2011-13	Q3	2,886,716	2,300,000
2009-11	Q7	2,283,638	2,350,000
2009-11	Q3	2,114,425	2,200,000
2007-09	Q7	2,157,729	
2007-09	Q3	2,243,424	

Date Measured: 3/31/2013
Comment: For calendar year 2011



001655 - Refer to Narrative Justification

A010 Prevent and Pick Up Litter

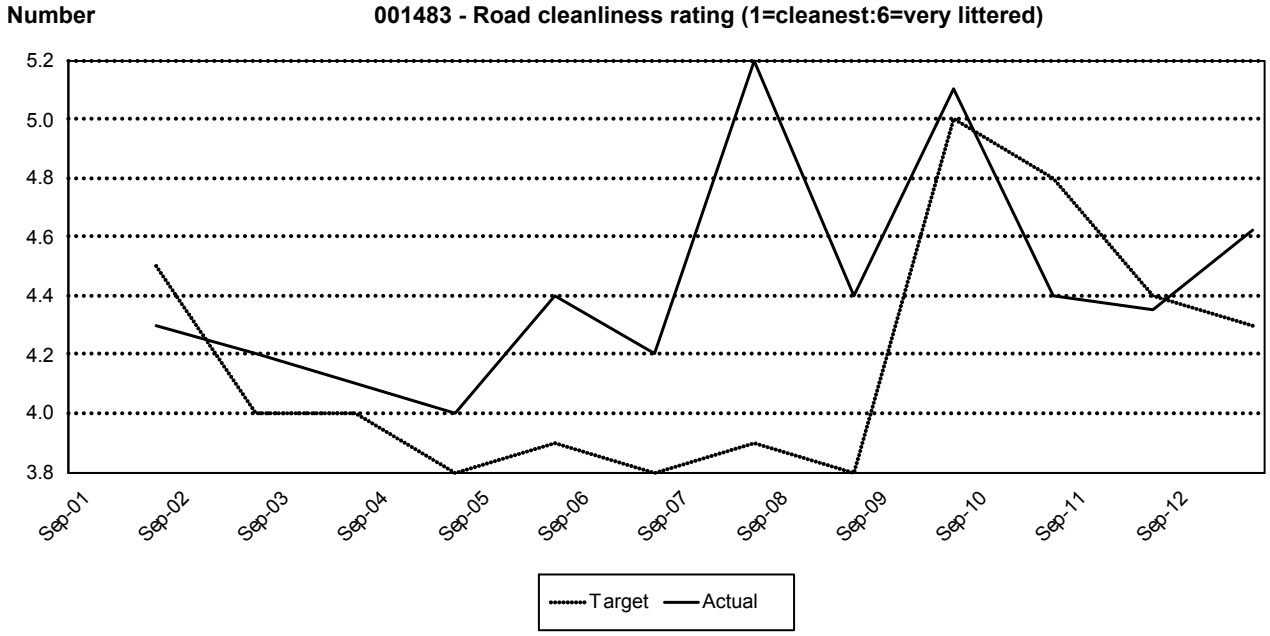
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Preserve, maintain and restore natural systems and landscapes**

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. Ltter 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.

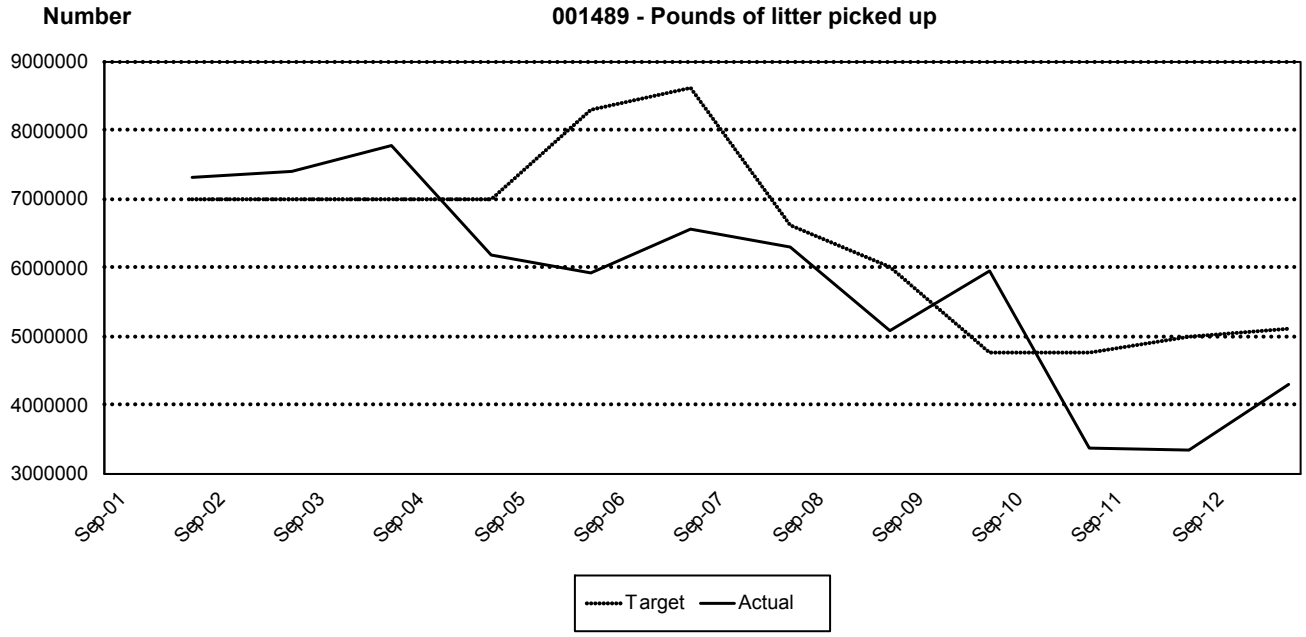
001483 - Road cleanliness rating (1=cleanest:6=very littered) - Reported annually in Quarters 4 and 8.			
Biennium	Period	Actual	Target
2011-13	Q8	4.62	4.3
2011-13	Q4	4.35	4.4
2009-11	Q8	4.4	4.8
2009-11	Q4	5.1	5
2007-09	Q8	4.4	3.8
2007-09	Q4	5.2	3.9

Date Measured: 6/30/2009
Comment: Calendar year 2008. Methodology more comparable to past years.



001489 - Pounds of litter picked up annually. Reported annually in Quarters 4 and 8			
Biennium	Period	Actual	Target
2011-13	Q8	4,285,874	5,100,000
2011-13	Q4	3,326,307	5,000,000
2009-11	Q8	3,373,078	4,750,000
2009-11	Q4	5,934,217	4,750,000
2007-09	Q8	5,075,450	6,000,000
2007-09	Q4	6,289,791	6,600,000

Date Measured: 6/30/2013
Comment: Lower than target - did not fully fund EYC, less funds to Community Litter Cleanup Program, less funding to Park, no funding to DNR or F&W.



001655 - Refer to Narrative Justification

A011 Ensure Dam Safety

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

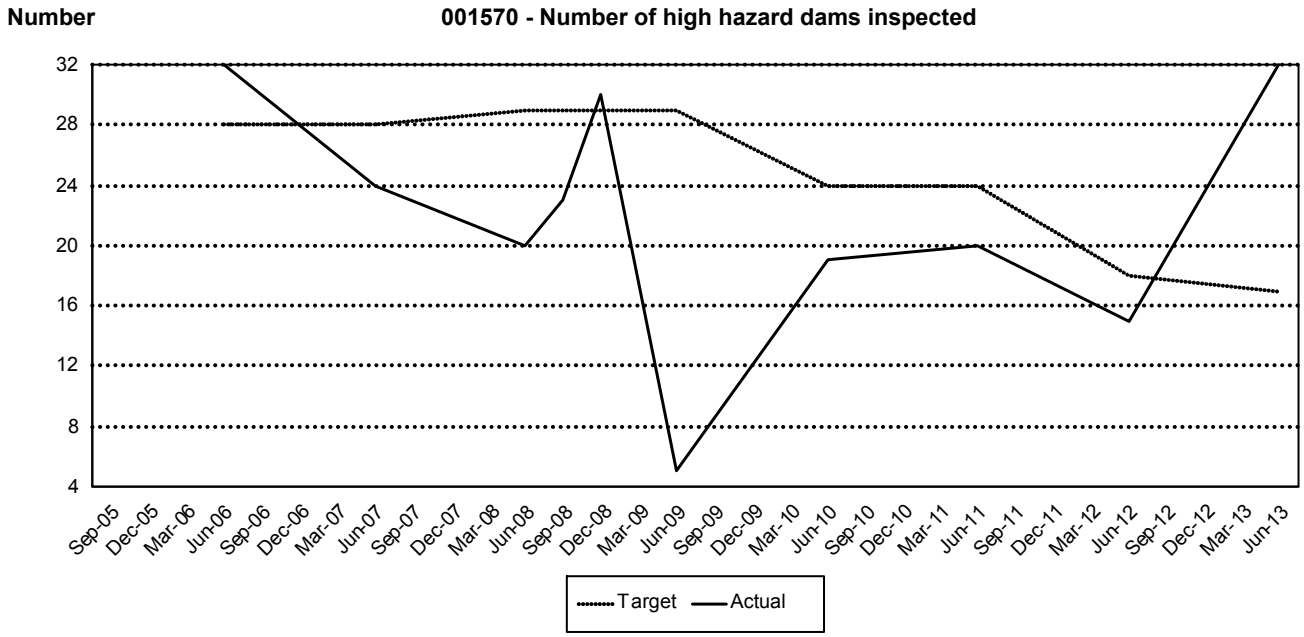
Expected Results

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.

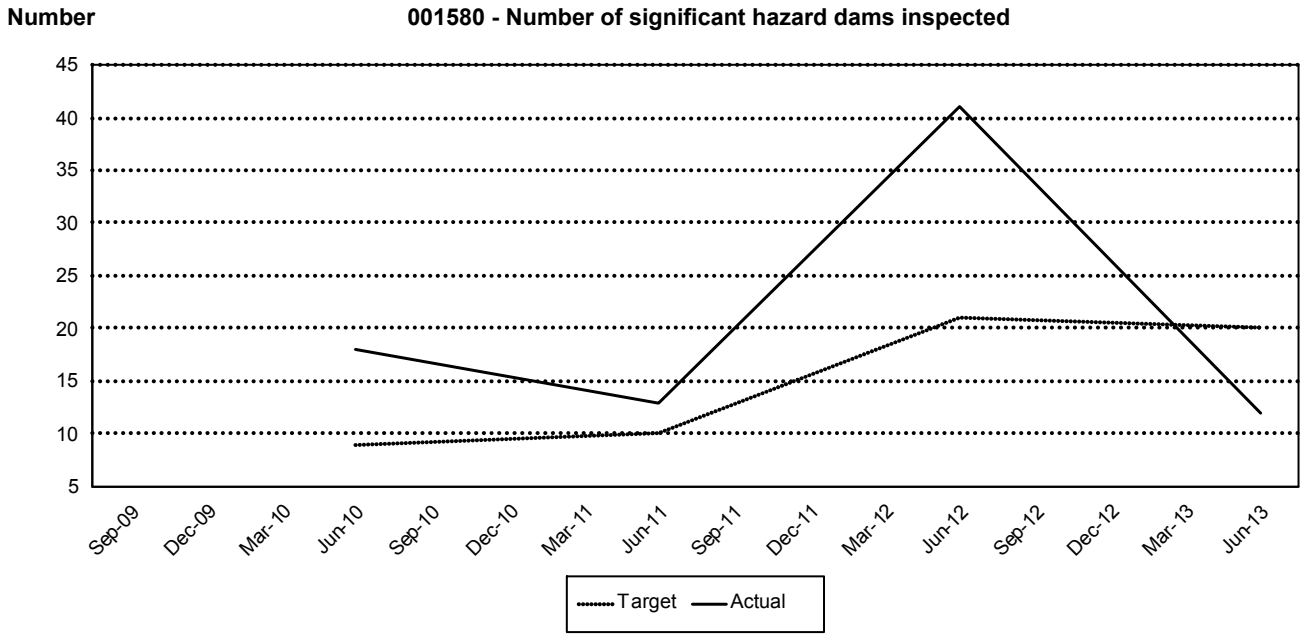
As of 9/3/2013

001570 - Number of high hazard dams inspected			
Biennium	Period	Actual	Target
2011-13	Q8	32	17
2011-13	Q4	15	18
2009-11	Q8	20	24
2009-11	Q4	19	24
2007-09	Q8	5	29
2007-09	Q6	30	
2007-09	Q5	23	
2007-09	Q4	20	29

Date Measured: 6/30/2011
Comment: Some regular inspections of permitted dams were not done to inspect unpermitted dams.



001580 - Number of significant hazard dams inspected.			
Biennium	Period	Actual	Target
2011-13	Q8	12	20
2011-13	Q4	41	21
2009-11	Q8	13	10
2009-11	Q4	18	9



001655 - Refer to Narrative Justification

A012 Ensure Environmental Laboratories Provide Quality Data

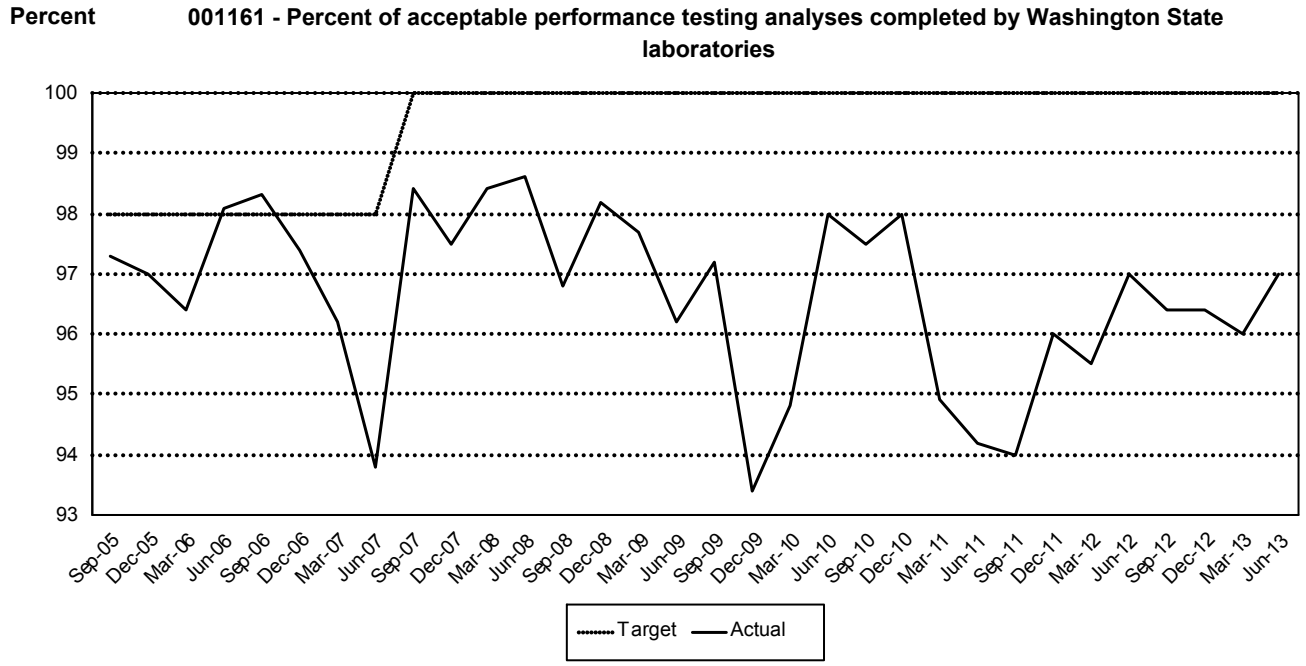
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Provide good science and natural resource monitoring data to support decision-making**

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.

001161 - Percent of acceptable performance testing analyses completed by Washington State laboratories.			
Biennium	Period	Actual	Target
2011-13	Q8	97%	100%
2011-13	Q7	96%	100%
2011-13	Q6	96.4%	100%
2011-13	Q5	96.4%	100%
2011-13	Q4	97%	100%
2011-13	Q3	95.5%	100%
2011-13	Q2	96%	100%
2011-13	Q1	94%	100%
2009-11	Q8	94.2%	100%
2009-11	Q7	94.9%	100%
2009-11	Q6	98%	100%
2009-11	Q5	97.5%	100%
2009-11	Q4	98%	100%
2009-11	Q3	94.8%	100%
2009-11	Q2	93.4%	100%
2009-11	Q1	97.2%	100%
2007-09	Q8	96.2%	100%
2007-09	Q7	97.7%	100%
2007-09	Q6	98.2%	100%
2007-09	Q5	96.8%	100%
2007-09	Q4	98.6%	100%
2007-09	Q3	98.4%	100%
2007-09	Q2	97.5%	100%
2007-09	Q1	98.4%	100%

Date Measured: 9/30/2009
Comment: One lab accounted for nearly half of the unsatisfactory results.



001655 - Refer to Narrative Justification

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

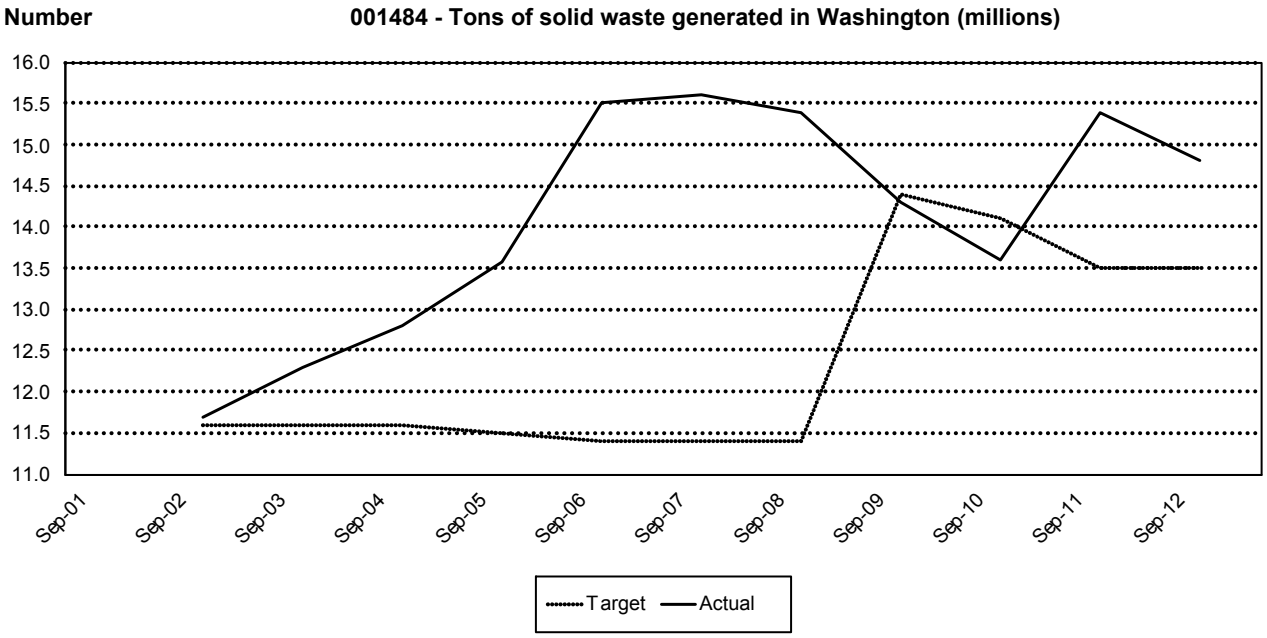
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Preserve, maintain and restore natural systems and landscapes**

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.

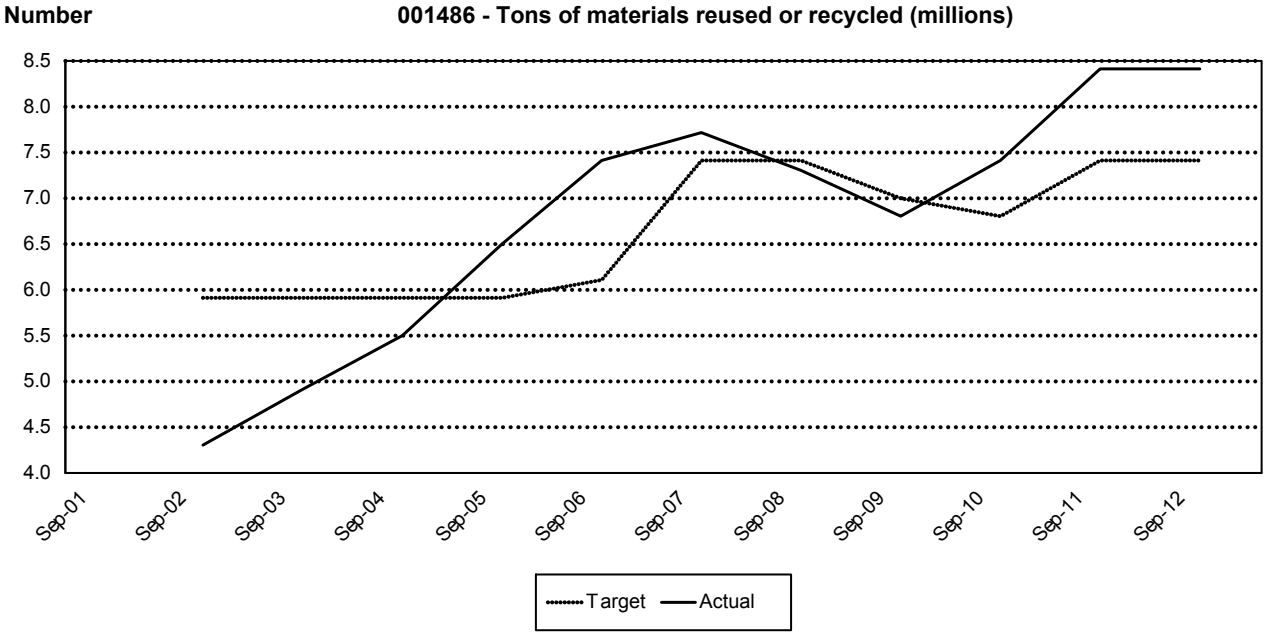
001484 - Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2011-13	Q6	14.8	13.5
2011-13	Q2	15.4	13.5
2009-11	Q6	13.6	14.1
2009-11	Q2	14.3	14.4
2007-09	Q6	15.4	11.4
2007-09	Q2	15.6	11.4

Date Measured: 12/31/2011
Comment: For calendar year 2010.



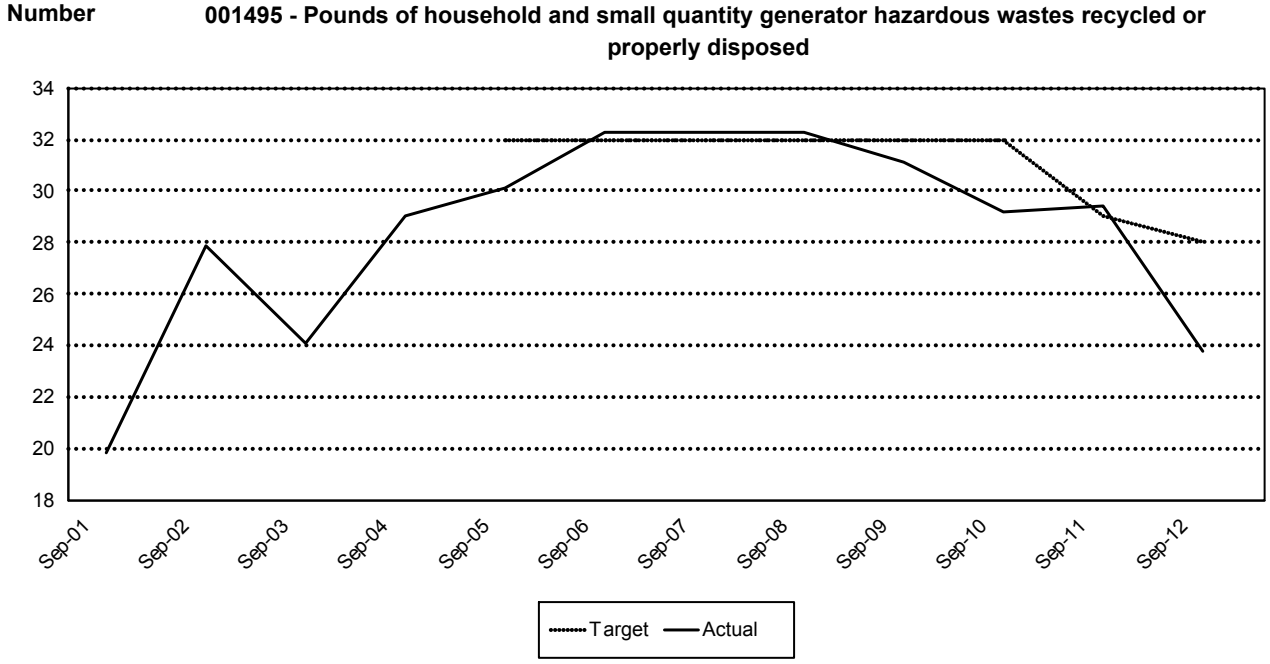
001486 - Millions of tons of materials reused or recyled annually. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2011-13	Q6	8.4	7.4
2011-13	Q2	8.4	7.4
2009-11	Q6	7.4	6.8
2009-11	Q2	6.8	7
2007-09	Q6	7.3	7.4
2007-09	Q2	7.7	7.4

Date Measured: 12/31/2011
Comment: For calendar year 2010.



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	Q6	23.8	28
2011-13	Q2	29.4	29
2009-11	Q6	29.2	32
2009-11	Q2	31.1	32
2007-09	Q6	32.3	32
2007-09	Q2	32.3	32

Date Measured: 12/31/2012
Comment: A database error was discoverd which had over-calulated the totals.

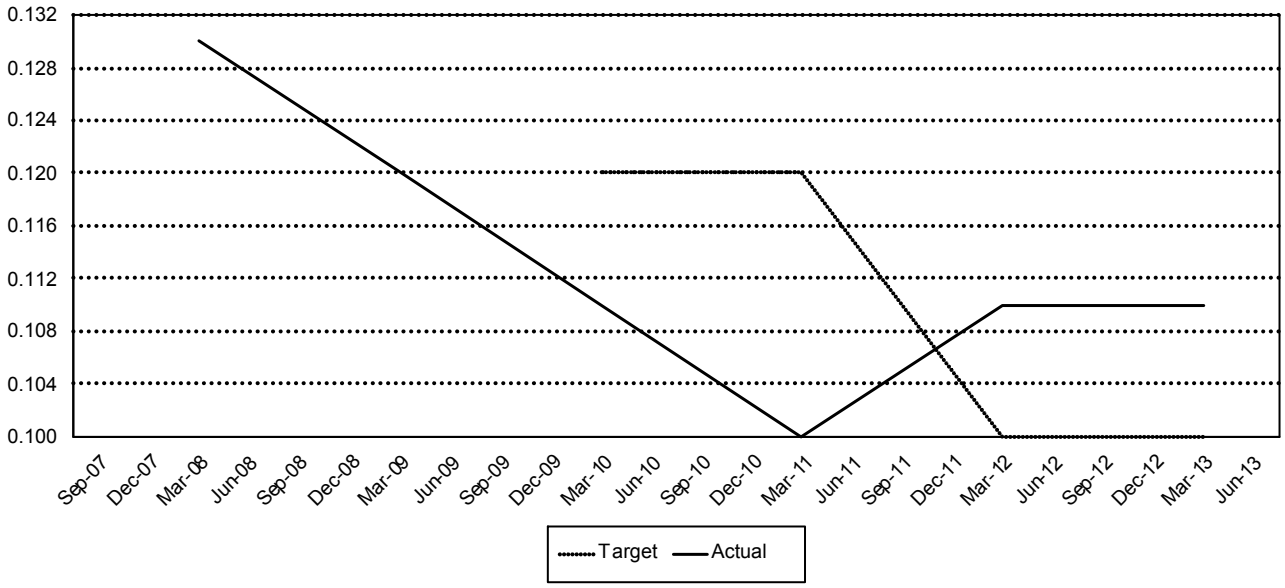


As of 9/3/2013

001496 - Pounds of solid waste generated per dollar (State GDP). Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	0.11	0.1
2011-13	Q3	0.11	0.1
2009-11	Q7	0.1	0.12
2009-11	Q3	0.11	0.12
2007-09	Q7	0.12	
2007-09	Q3	0.13	

Date Measured: 3/31/2012
Comment: Revised - the Bureau of Economic Analysis revised their GDP estimates for states going back several years

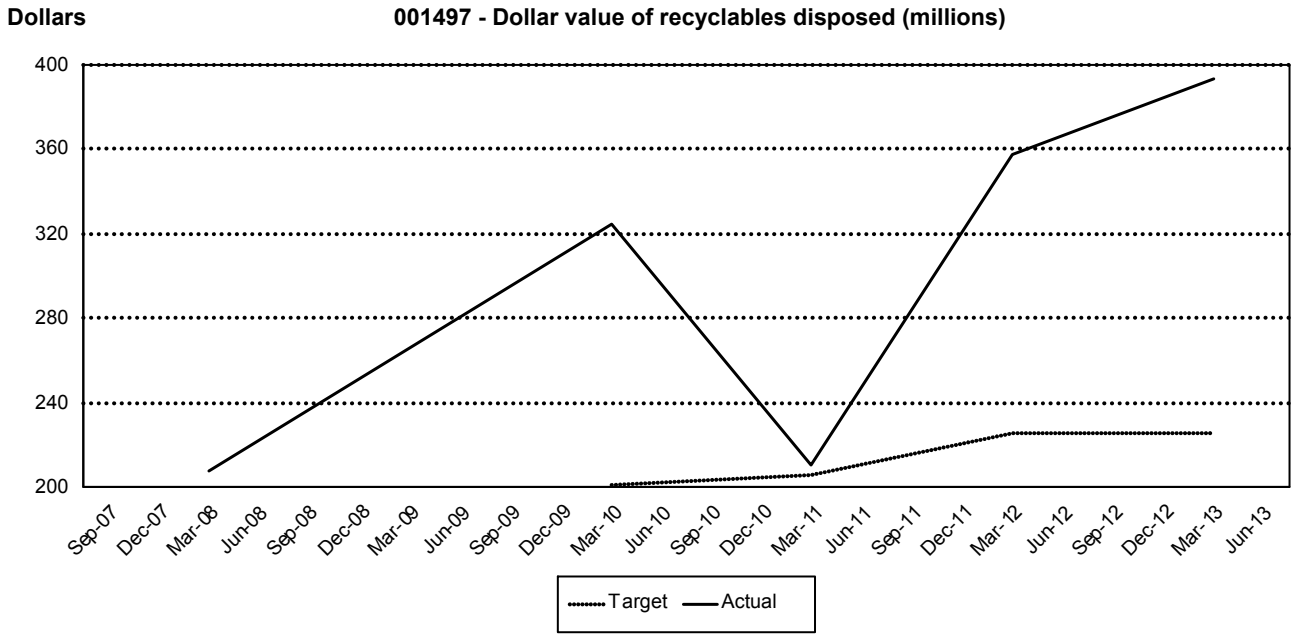
Number **001496 - Pounds of solid waste generated per dollar (State GDP, gross domestic product)**



As of 9/3/2013

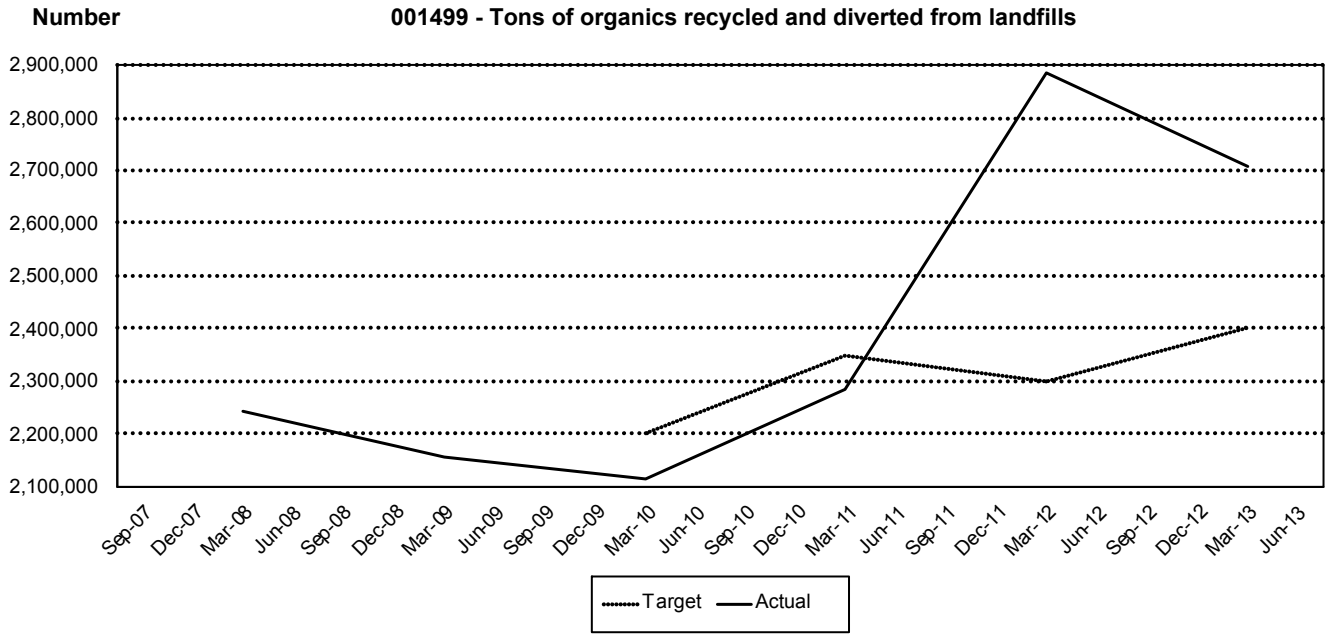
001497 - Dollar value of recyclables disposed (in millions). Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	$393.3	$225
2011-13	Q3	$357.3	$225
2009-11	Q7	$210.4	$206
2009-11	Q3	$324.1	$201
2007-09	Q7	$265.7	
2007-09	Q3	$207.1	

Date Measured: 3/31/2011
Comment: Revised based on new data for electronics.



001499 - Tons of organics recycled and diverted from landfills. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	2,708,519	2,400,000
2011-13	Q3	2,886,716	2,300,000
2009-11	Q7	2,283,638	2,350,000
2009-11	Q3	2,114,425	2,200,000
2007-09	Q7	2,157,729	
2007-09	Q3	2,243,424	

Date Measured: 3/31/2013
Comment: For calendar year 2011



001655 - Refer to Narrative Justification

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

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

Expected Results

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.

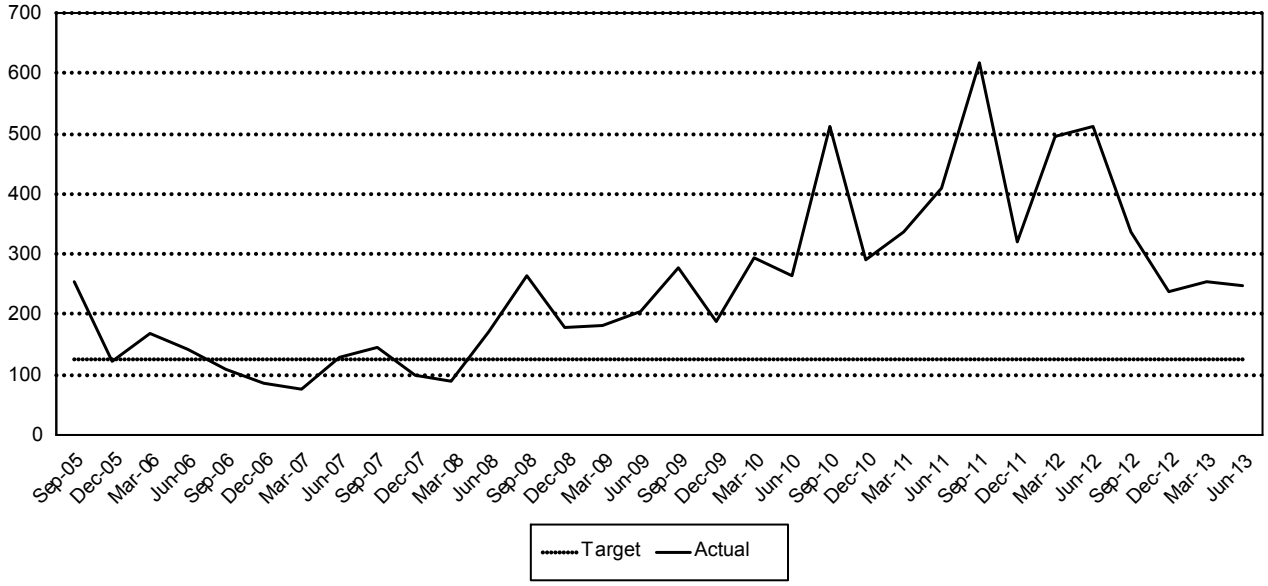
001358 - Tons of radioactive and/or chemically contaminated soil and debris from near the Columbia River that are removed and securely disposed at Hanford.

Biennium	Period	Actual	Target
2011-13	Q8	248	125
2011-13	Q7	253	125
2011-13	Q6	237	125
2011-13	Q5	336	125
2011-13	Q4	512	125
2011-13	Q3	494	125
2011-13	Q2	321	125
2011-13	Q1	616	125
2009-11	Q8	411	125
2009-11	Q7	336	125
2009-11	Q6	289	125
2009-11	Q5	512	125
2009-11	Q4	265	125
2009-11	Q3	295	125
2009-11	Q2	187	125
2009-11	Q1	276	125
2007-09	Q8	205	125
2007-09	Q7	180	125
2007-09	Q6	178	125
2007-09	Q5	263	125
2007-09	Q4	171	125
2007-09	Q3	90	125
2007-09	Q2	99	125
2007-09	Q1	145	125

Date Measured: 9/30/2010
Comment: Likely to continue above target with remediation in the 100 Area and beginning in the 200 Area.

As of 9/3/2013

Number **001358 - Tons of radioactive and/or chemically contaminated soil and debris removed and securely disposed**



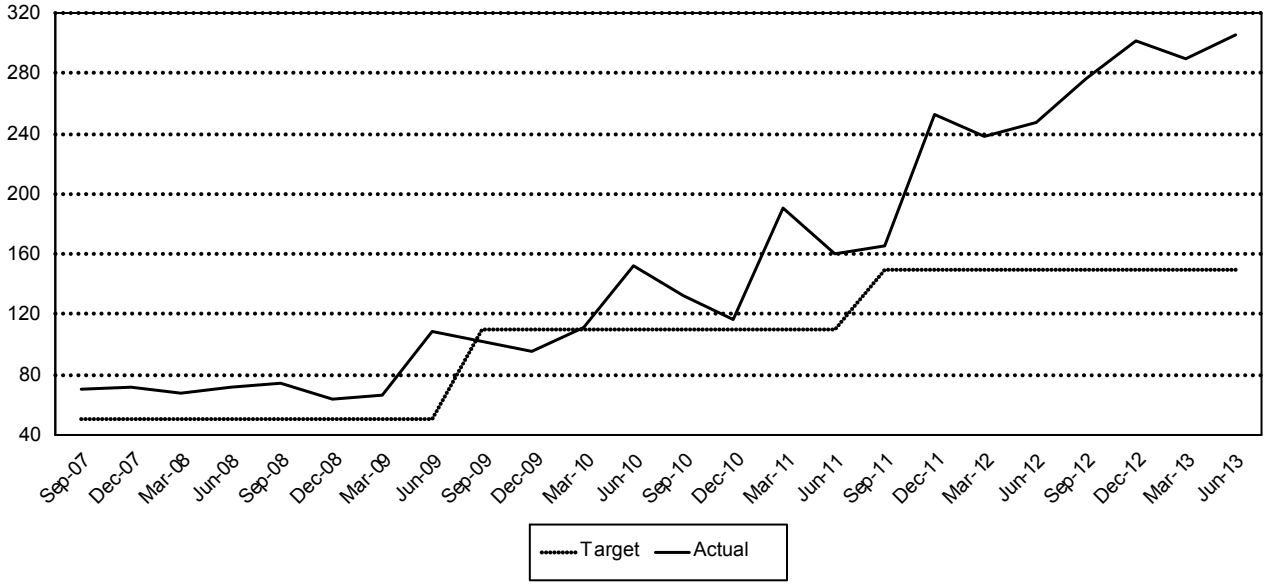
As of 9/3/2013

001362 - Gallons of groundwater contaminated by hexavalent chromium that is remediated at Hanford (in millions of gallons)			
Biennium	Period	Actual	Target
2011-13	Q8	305	150
2011-13	Q7	290	150
2011-13	Q6	301	150
2011-13	Q5	277	150
2011-13	Q4	248	150
2011-13	Q3	238	150
2011-13	Q2	252	150
2011-13	Q1	166	150
2009-11	Q8	160	110
2009-11	Q7	190	110
2009-11	Q6	116	110
2009-11	Q5	133	110
2009-11	Q4	152	110
2009-11	Q3	111	110
2009-11	Q2	96	110
2009-11	Q1	102	110
2007-09	Q8	108	50
2007-09	Q7	67	50
2007-09	Q6	64	50
2007-09	Q5	74	50
2007-09	Q4	71	50
2007-09	Q3	68	50
2007-09	Q2	72	50
2007-09	Q1	70	50

Date Measured: 9/30/2011
Comment: Raised Target to 150 (million gallons) to reflect increased pumping rates.

As of 9/3/2013

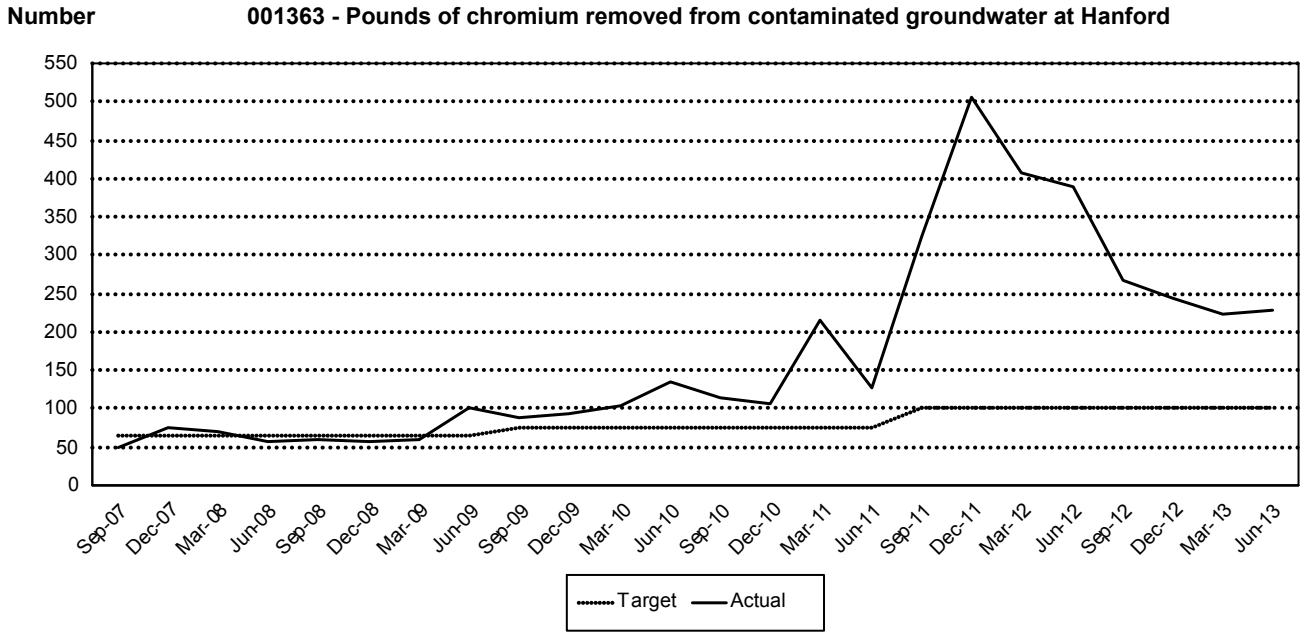
Number **001362 - Gallons of groundwater contaminated by hexavalent chromium that is remediated at Hanford (millions)**



As of 9/3/2013

001363 - Pounds of chromium removed from contaminated groundwater at Hanford.			
Biennium	Period	Actual	Target
2011-13	Q8	229	100
2011-13	Q7	224	100
2011-13	Q6	244	100
2011-13	Q5	267	100
2011-13	Q4	388	100
2011-13	Q3	407	100
2011-13	Q2	505	100
2011-13	Q1	324	100
2009-11	Q8	126	75
2009-11	Q7	216	75
2009-11	Q6	105	75
2009-11	Q5	113	75
2009-11	Q4	134	75
2009-11	Q3	103	75
2009-11	Q2	92	75
2009-11	Q1	88	75
2007-09	Q8	100	65
2007-09	Q7	59	65
2007-09	Q6	57	65
2007-09	Q5	60	65
2007-09	Q4	56	65
2007-09	Q3	71	65
2007-09	Q2	76	65
2007-09	Q1	48	65

Date Measured: 9/30/2011
Comment: Removal target raised to 100 pounds. Performing test where extraction is from higher contamination area of groundwater plume.



001655 - Refer to Narrative Justification

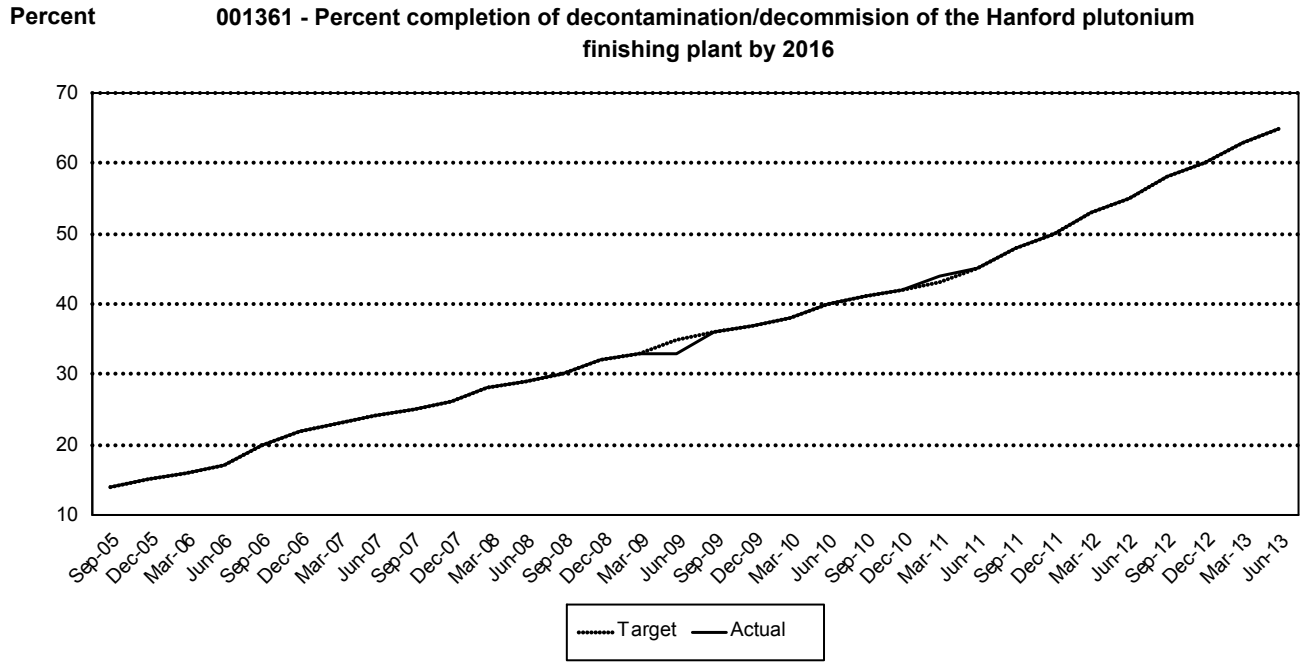
A015 Clean Up and Remove Large, Complex, Contaminated Facilities throughout Hanford

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

Expected Results

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

001361 - Decontaminate and decommission the plutonium finishing plant on Hanford on schedule by 2016. (percent complete)			
Biennium	Period	Actual	Target
2011-13	Q8	65%	65%
2011-13	Q7	63%	63%
2011-13	Q6	60%	60%
2011-13	Q5	58%	58%
2011-13	Q4	55%	55%
2011-13	Q3	53%	53%
2011-13	Q2	50%	50%
2011-13	Q1	48%	48%
2009-11	Q8	45%	45%
2009-11	Q7	44%	43%
2009-11	Q6	42%	42%
2009-11	Q5	41%	41%
2009-11	Q4	40%	40%
2009-11	Q3	38%	38%
2009-11	Q2	37%	37%
2009-11	Q1	36%	36%
2007-09	Q8	33%	35%
2007-09	Q7	33%	33%
2007-09	Q6	32%	32%
2007-09	Q5	30%	30%
2007-09	Q4	29%	29%
2007-09	Q3	28%	28%
2007-09	Q2	26%	26%
2007-09	Q1	25%	25%



001655 - Refer to Narrative Justification

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

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

Expected Results

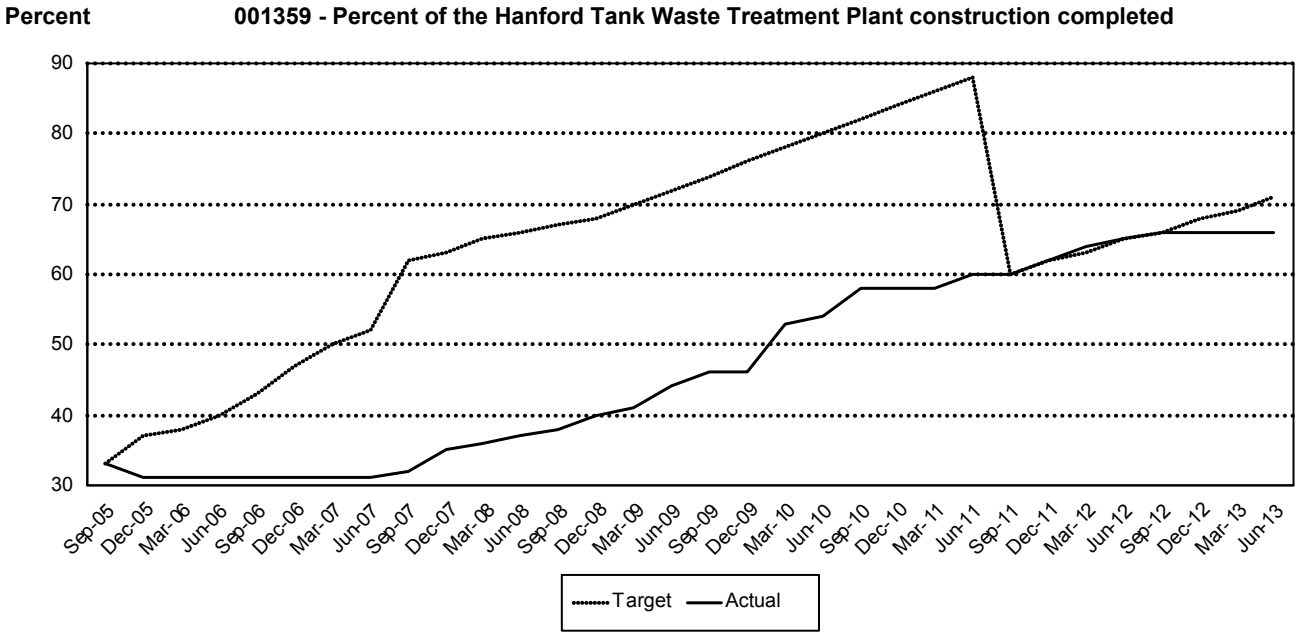
53 million gallons of high-level radioactive mixed waste from Hanford's interim storage tanks will be retrieved and treated. Continue construction of The Hanford Tank Waste Treatment Plant at a rate that supports approved milestones. Start conceptual planning and design of an interim storage facility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

As of 9/3/2013

001359 - Percent of the Hanford tank waste treatment plant construction completed.			
Biennium	Period	Actual	Target
2011-13	Q8	66%	71%
2011-13	Q7	66%	69%
2011-13	Q6	66%	68%
2011-13	Q5	66%	66%
2011-13	Q4	65%	65%
2011-13	Q3	64%	63%
2011-13	Q2	62%	62%
2011-13	Q1	60%	60%
2009-11	Q8	60%	88%
2009-11	Q7	58%	86%
2009-11	Q6	58%	84%
2009-11	Q5	58%	82%
2009-11	Q4	54%	80%
2009-11	Q3	53%	78%
2009-11	Q2	46%	76%
2009-11	Q1	46%	74%
2007-09	Q8	44%	72%
2007-09	Q7	41%	70%
2007-09	Q6	40%	68%
2007-09	Q5	38%	67%
2007-09	Q4	37%	66%
2007-09	Q3	36%	65%
2007-09	Q2	35%	63%
2007-09	Q1	32%	62%

Date Measured: 9/30/2011
Comment: Target reflects the schedule in consent decree milestone A-17 requiring waste treatment plant operations (hot start) by 12/31/2019

As of 9/3/2013



001655 - Refer to Narrative Justification

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

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

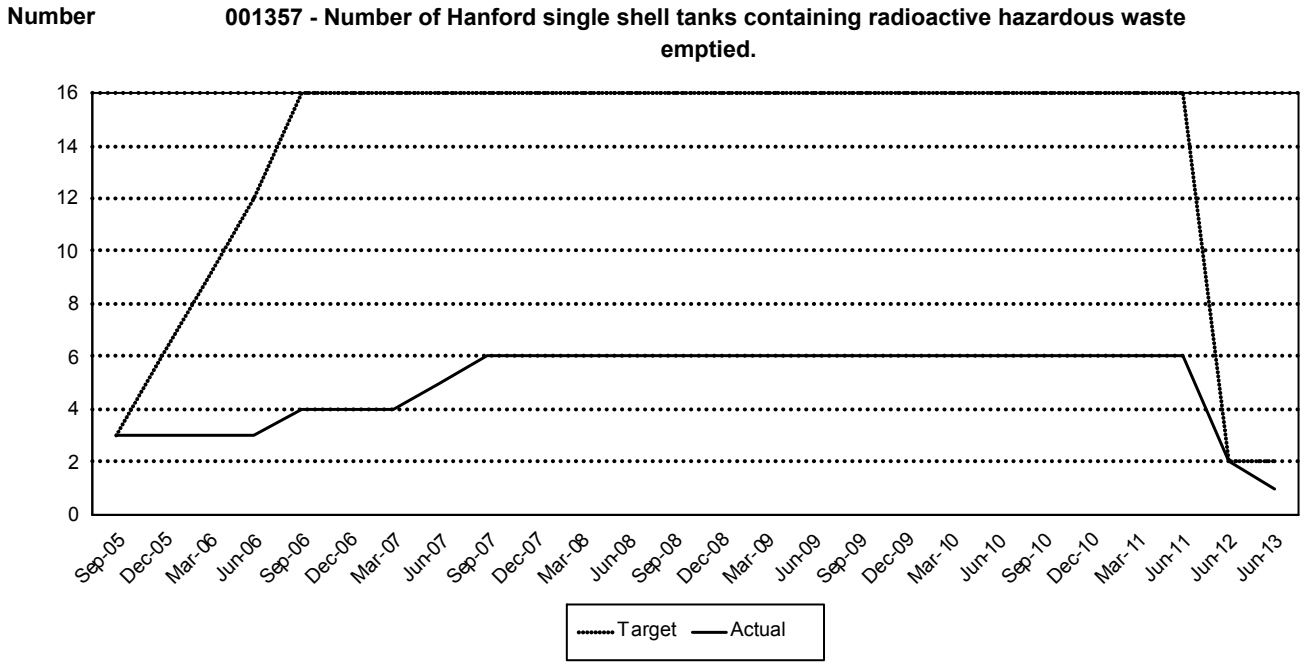
Expected Results

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

001357 - Number of single shell tanks containing radioactive hazardous waste emptied at Hanford.

Biennium	Period	Actual	Target
2011-13	A2	1	2
2011-13	A1	2	2
2009-11	A2	6	16
	A2	6	16
	A2	6	16
	A2	6	16
2009-11	A1	6	16
	A1	6	16
	A1	6	16
	A1	6	16
2007-09	A2	6	16
	A2	6	16
	A2	6	16
	A2	6	16
2007-09	A1	6	16
	A1	6	16
	A1	6	16
	A1	6	16

Date Measured: 6/30/2012
Comment: Target changed to retreive waste from two single shell tanks annually through 2019.



001655 - Refer to Narrative Justification

A018 Ensure the Safe Management of Radioactive Mixed Waste at Hanford

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

Expected Results

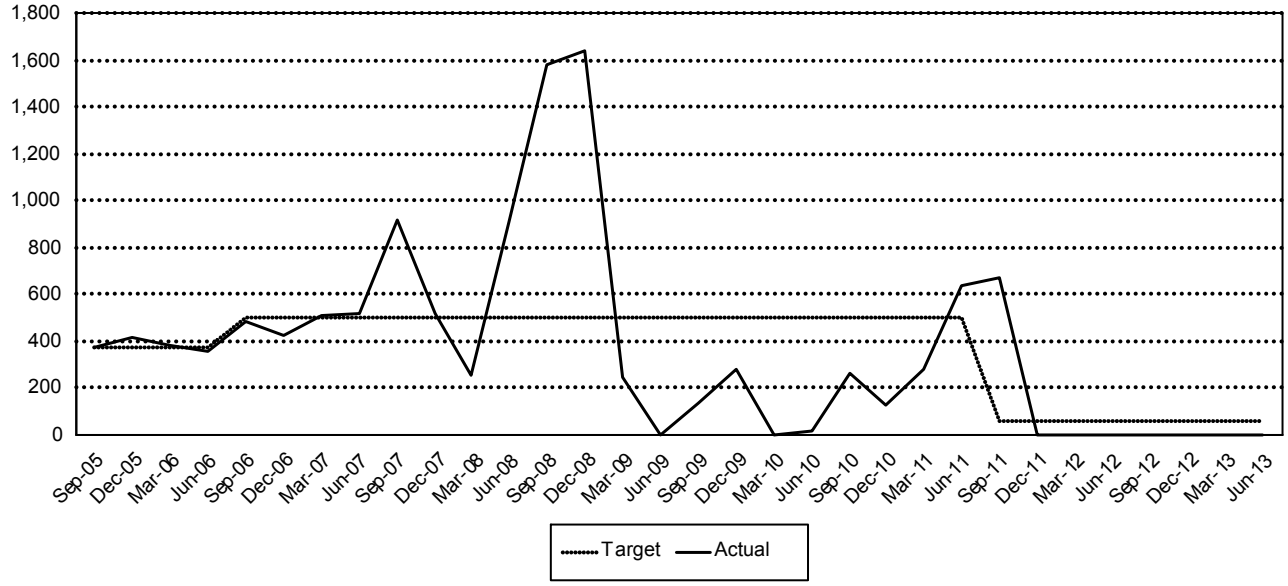
Manage and retrieve, treat/process, store and dispose of transuranic and mixed low-level waste in compliance with existing regulations to reduce risks posed to Hanford workers and the environment significantly. Tri-Party (USEPA, USDOE, Ecology) negotiations to establish schedules for the remainder of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

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

Biennium	Period	Actual	Target
2011-13	Q8	0	63
2011-13	Q7	0	62
2011-13	Q6	0	63
2011-13	Q5	0	62
2011-13	Q4	0	63
2011-13	Q3	0	62
2011-13	Q2	0	63
2011-13	Q1	672	62
2009-11	Q8	638	500
2009-11	Q7	284	500
2009-11	Q6	128	500
2009-11	Q5	263	500
2009-11	Q4	13	500
2009-11	Q3	0	500
2009-11	Q2	283	500
2009-11	Q1	133	500
2007-09	Q8	2	500
2007-09	Q7	247	500
2007-09	Q6	1,635	500
2007-09	Q5	1,581	500
2007-09	Q4	911	500
2007-09	Q3	258	500
2007-09	Q2	516	500
2007-09	Q1	915	500

Date Measured: 9/30/2011
Comment: Target reduced to reflect new USDOE budget and waste retrieval projections.

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



001655 - Refer to Narrative Justification

A019 Improve Community Access to Hazardous Substance and Waste Information

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**

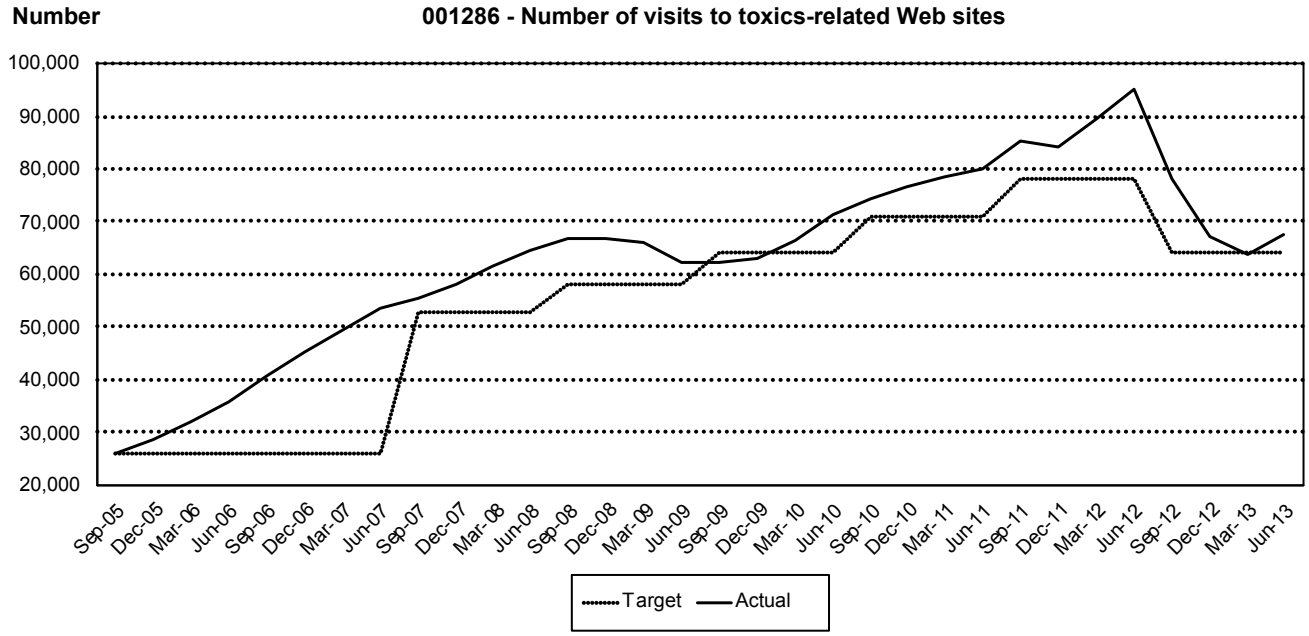
Expected Results

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.

As of 9/3/2013

001286 - Number of visits to Ecology's Hazardous Waste and Toxics Reduction web sites.			
Biennium	Period	Actual	Target
2011-13	Q8	67,649	64,000
2011-13	Q7	63,944	64,000
2011-13	Q6	67,164	64,000
2011-13	Q5	78,155	64,000
2011-13	Q4	95,136	78,000
2011-13	Q3	89,590	78,000
2011-13	Q2	84,145	78,000
2011-13	Q1	85,170	78,000
2009-11	Q8	80,043	71,000
2009-11	Q7	78,654	71,000
2009-11	Q6	76,503	71,000
2009-11	Q5	74,196	71,000
2009-11	Q4	71,130	64,000
2009-11	Q3	66,241	64,000
2009-11	Q2	63,055	64,000
2009-11	Q1	62,166	64,000
2007-09	Q8	62,256	58,000
2007-09	Q7	65,917	58,000
2007-09	Q6	66,791	58,000
2007-09	Q5	66,610	58,000
2007-09	Q4	64,457	53,000
2007-09	Q3	61,348	53,000
2007-09	Q2	58,134	53,000
2007-09	Q1	55,537	53,000

Date Measured: 9/30/2012
Comment: An update to the software used to track this measure more conservatively counts web hits. With lower expected totals, we have set a new baseline and targets for FY 13-15.



001655 - Refer to Narrative Justification

A020 Improve Quality of Data Used for Environmental Decision Making

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**

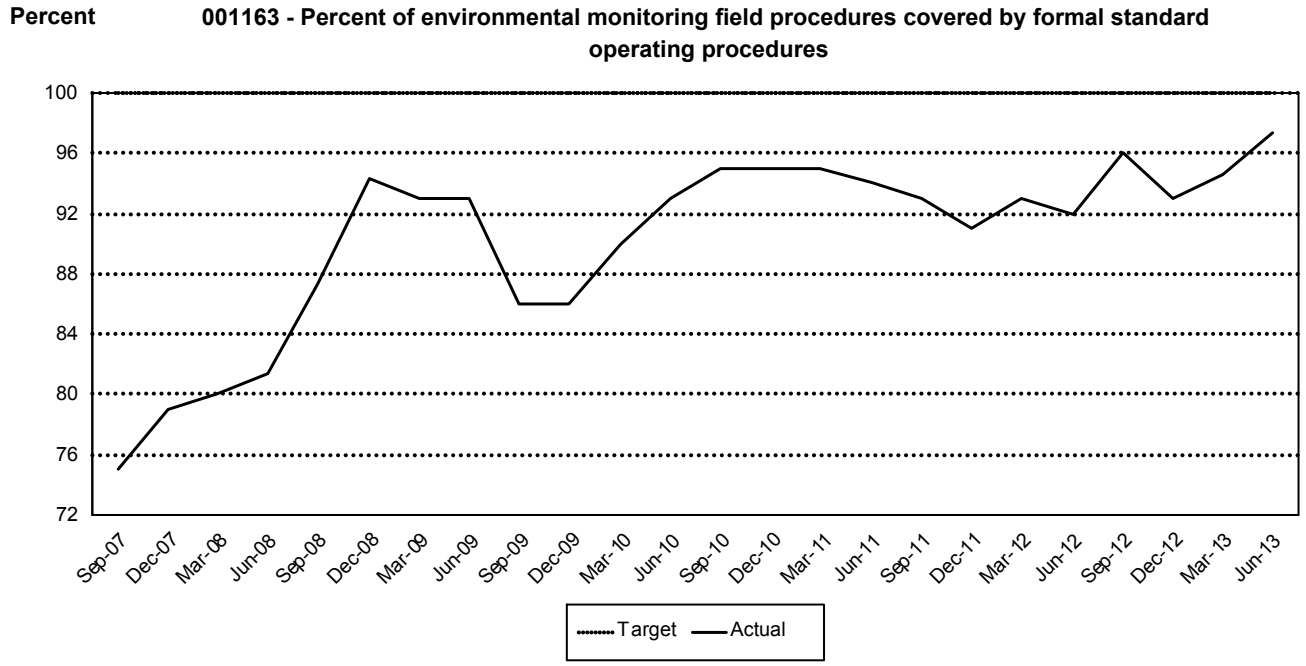
Expected Results

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.

As of 9/3/2013

001163 - Percent of environmental monitoring field procedures covered by a formal Standard Operating Procedure (SOP).			
Biennium	Period	Actual	Target
2011-13	Q8	97.3%	100%
2011-13	Q7	94.6%	100%
2011-13	Q6	93%	100%
2011-13	Q5	96%	100%
2011-13	Q4	92%	100%
2011-13	Q3	93%	100%
2011-13	Q2	91%	100%
2011-13	Q1	93%	100%
2009-11	Q8	94%	100%
2009-11	Q7	95%	100%
2009-11	Q6	95%	100%
2009-11	Q5	95%	100%
2009-11	Q4	93%	100%
2009-11	Q3	90%	100%
2009-11	Q2	86%	100%
2009-11	Q1	86%	100%
2007-09	Q8	93%	100%
2007-09	Q7	93%	100%
2007-09	Q6	94.3%	100%
2007-09	Q5	87.28%	100%
2007-09	Q4	81.4%	100%
2007-09	Q3	80%	100%
2007-09	Q2	79%	100%
2007-09	Q1	75%	100%

Date Measured: 3/31/2013
Comment: 71/75.



001655 - Refer to Narrative Justification

A021 Increase Compliance and Act on Environmental Threats from Hazardous Waste

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

Expected Results

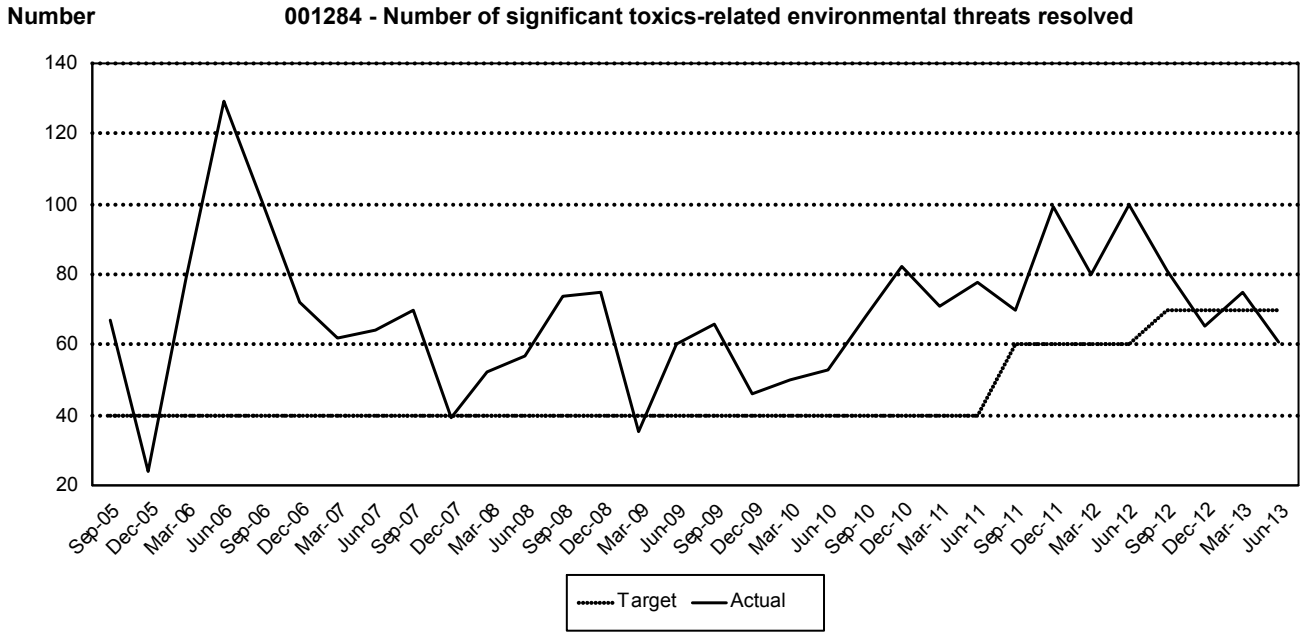
Facility compliance in managing hazardous wastes is improved for the protection of public health and the environment. 320 compliance inspections are conducted annually (including 15 treatment, storage, and disposal facilities and 70 large quantity hazardous waste generators). Up to 180 complaints regarding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

As of 9/3/2013

001284 - Number of significant toxics-related environmental threats resolved.			
Biennium	Period	Actual	Target
2011-13	Q8	61	70
2011-13	Q7	75	70
2011-13	Q6	65	70
2011-13	Q5	81	70
2011-13	Q4	100	60
2011-13	Q3	80	60
2011-13	Q2	99	60
2011-13	Q1	70	60
2009-11	Q8	78	40
2009-11	Q7	71	40
2009-11	Q6	82	40
2009-11	Q5	68	40
2009-11	Q4	53	40
2009-11	Q3	50	40
2009-11	Q2	46	40
2009-11	Q1	66	40
2007-09	Q8	60	40
2007-09	Q7	35	40
2007-09	Q6	75	40
2007-09	Q5	74	40
2007-09	Q4	57	40
2007-09	Q3	52	40
2007-09	Q2	39	40
2007-09	Q1	70	40

Date Measured: 6/30/2013
Comment: Preliminary data.

As of 9/3/2013


Number
001284 - Number of significant toxics-related environmental threats resolved
140
120
100
80
60
40
20
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
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Sep-10
Dec-10
Mar-11
Jun-11
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Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

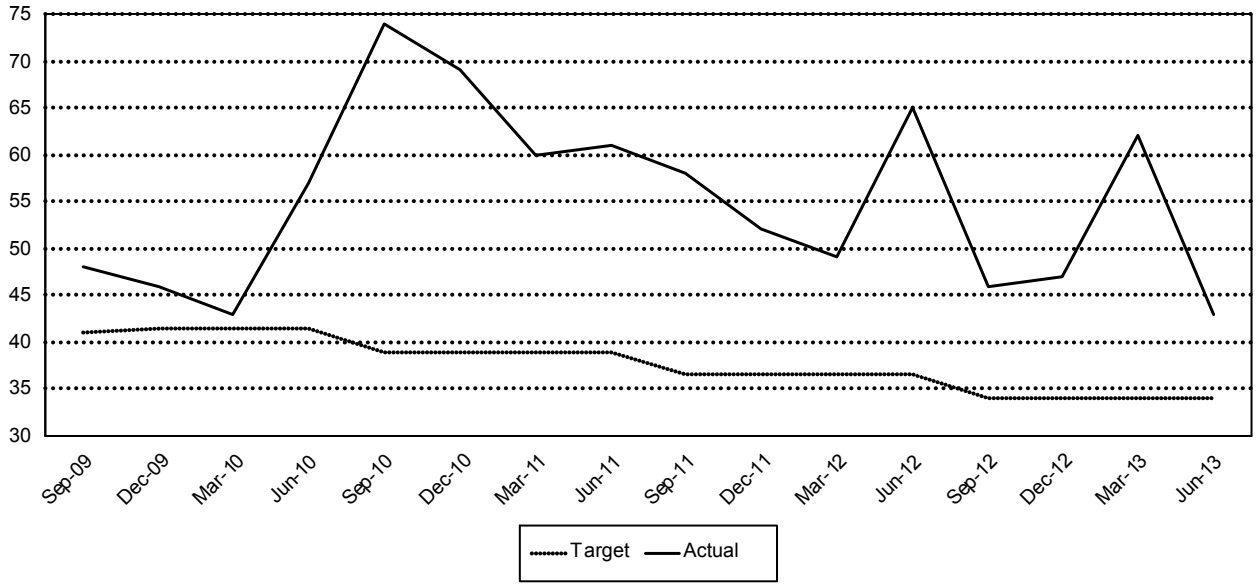
001294 - Percent of facilities with a significant toxics-related threat found during an inspection.

Biennium	Period	Actual	Target
2011-13	Q8	43%	34%
2011-13	Q7	62%	34%
2011-13	Q6	47%	34%
2011-13	Q5	46%	34%
2011-13	Q4	65%	36.5%
2011-13	Q3	49%	36.5%
2011-13	Q2	52%	36.5%
2011-13	Q1	58%	36.5%
2009-11	Q8	61%	39%
2009-11	Q7	60%	39%
2009-11	Q6	69%	39%
2009-11	Q5	74%	39%
2009-11	Q4	57%	41.5%
2009-11	Q3	43%	41.5%
2009-11	Q2	46%	41.5%
2009-11	Q1	48%	41%

There is a causal relationship between the percentage of significant threats found and the frequency/number of inspections. Regulatory compliance drops markedly when facilities are inspected less frequently than once every three years.

Date Measured: 6/30/2013
Comment: Preliminary data.

Percent **001294 - Percent chance of finding a significant environmental threat during a compliance inspection**



001655 - Refer to Narrative Justification

A022 Increase Safe Hazardous Waste Management

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

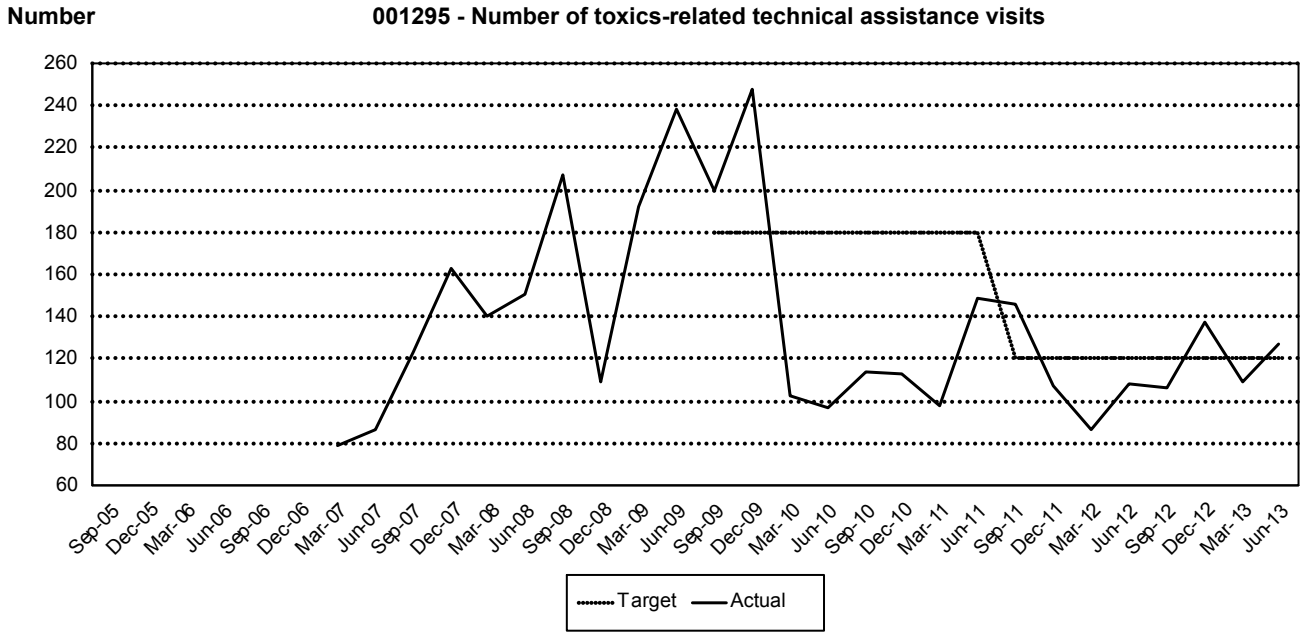
Expected Results

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.

001295 - Number of toxics-related technical assitance visits.			
Biennium	Period	Actual	Target
2011-13	Q8	127	120
2011-13	Q7	109	120
2011-13	Q6	137	120
2011-13	Q5	106	120
2011-13	Q4	108	120
2011-13	Q3	86	120
2011-13	Q2	107	120
2011-13	Q1	146	120
2009-11	Q8	149	180
2009-11	Q7	98	180
2009-11	Q6	113	180
2009-11	Q5	114	180
2009-11	Q4	97	180
2009-11	Q3	102	180
2009-11	Q2	248	180
2009-11	Q1	200	180
2007-09	Q8	238	
2007-09	Q7	192	
2007-09	Q6	109	
2007-09	Q5	207	
2007-09	Q4	151	
2007-09	Q3	140	
2007-09	Q2	163	
2007-09	Q1	123	

Date Measured: 6/30/2013
Comment: Preliminary data.

As of 9/3/2013


Number
001295 - Number of toxics-related technical assistance visits
260
240
220
200
180
160
140
120
100
80
60
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
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Jun-09
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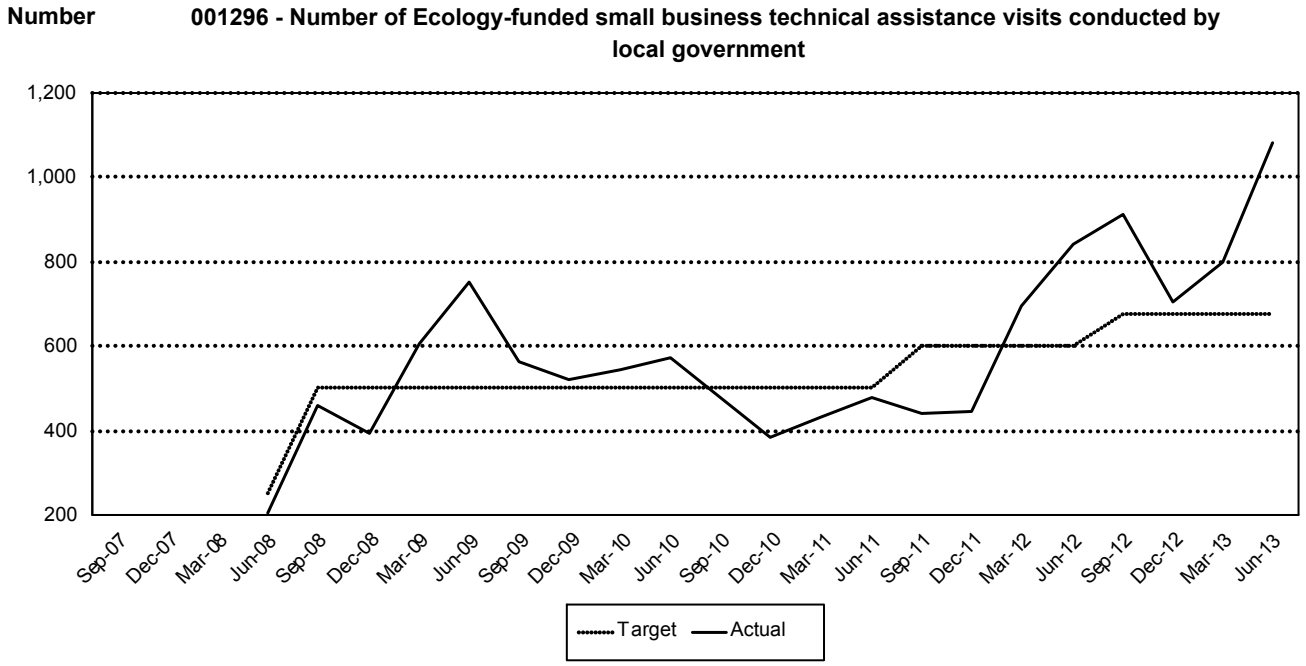
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

As of 9/3/2013

001296 - Number of Ecology-funded small business technical assistance visits conducted by local government.			
Biennium	Period	Actual	Target
2011-13	Q8	1,082	675
2011-13	Q7	801	675
2011-13	Q6	705	675
2011-13	Q5	911	675
2011-13	Q4	841	600
2011-13	Q3	693	600
2011-13	Q2	444	600
2011-13	Q1	440	600
2009-11	Q8	476	500
2009-11	Q7	433	500
2009-11	Q6	382	500
2009-11	Q5	480	500
2009-11	Q4	572	500
2009-11	Q3	545	500
2009-11	Q2	521	500
2009-11	Q1	563	500
2007-09	Q8	752	500
2007-09	Q7	604	500
2007-09	Q6	391	500
2007-09	Q5	457	500
2007-09	Q4	206	250

Date Measured: 6/30/2013
Comment: Preliminary data.



001655 - Refer to Narrative Justification

A023 Manage Underground Storage Tanks to Minimize Releases

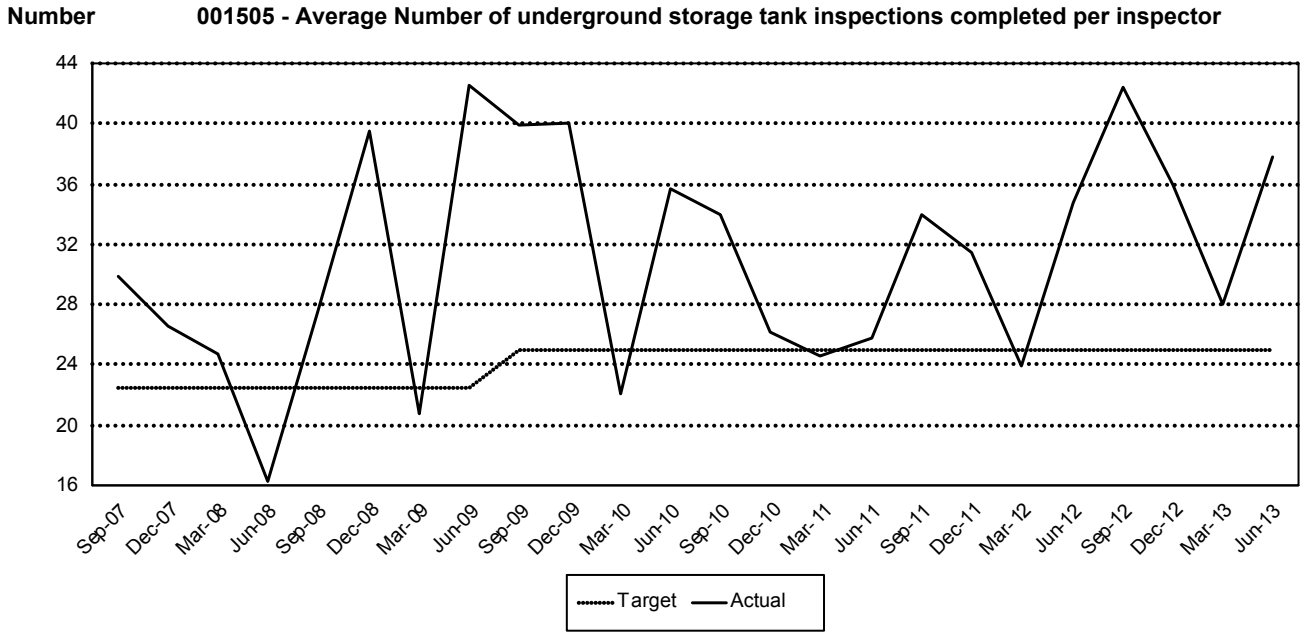
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Establish safeguards and standards to protect natural resources**

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.

001505 - Average number of underground storage tank inspections completed per inspector.			
Biennium	Period	Actual	Target
2011-13	Q8	37.8	25
2011-13	Q7	28	25
2011-13	Q6	36	25
2011-13	Q5	42.4	25
2011-13	Q4	34.8	25
2011-13	Q3	23.9	25
2011-13	Q2	31.5	25
2011-13	Q1	34	25
2009-11	Q8	25.8	25
2009-11	Q7	24.6	25
2009-11	Q6	26.2	25
2009-11	Q5	34	25
2009-11	Q4	35.7	25
2009-11	Q3	22.1	25
2009-11	Q2	40	25
2009-11	Q1	39.9	25
2007-09	Q8	42.6	22.5
2007-09	Q7	20.7	22.5
2007-09	Q6	39.5	22.5
2007-09	Q5	27.5	22.5
2007-09	Q4	16.3	22.5
2007-09	Q3	24.7	22.5
2007-09	Q2	26.5	22.5
2007-09	Q1	29.9	22.5

Date Measured: 9/30/2010
Comment: Estimate.



001655 - Refer to Narrative Justification

A024 Manage Water Rights

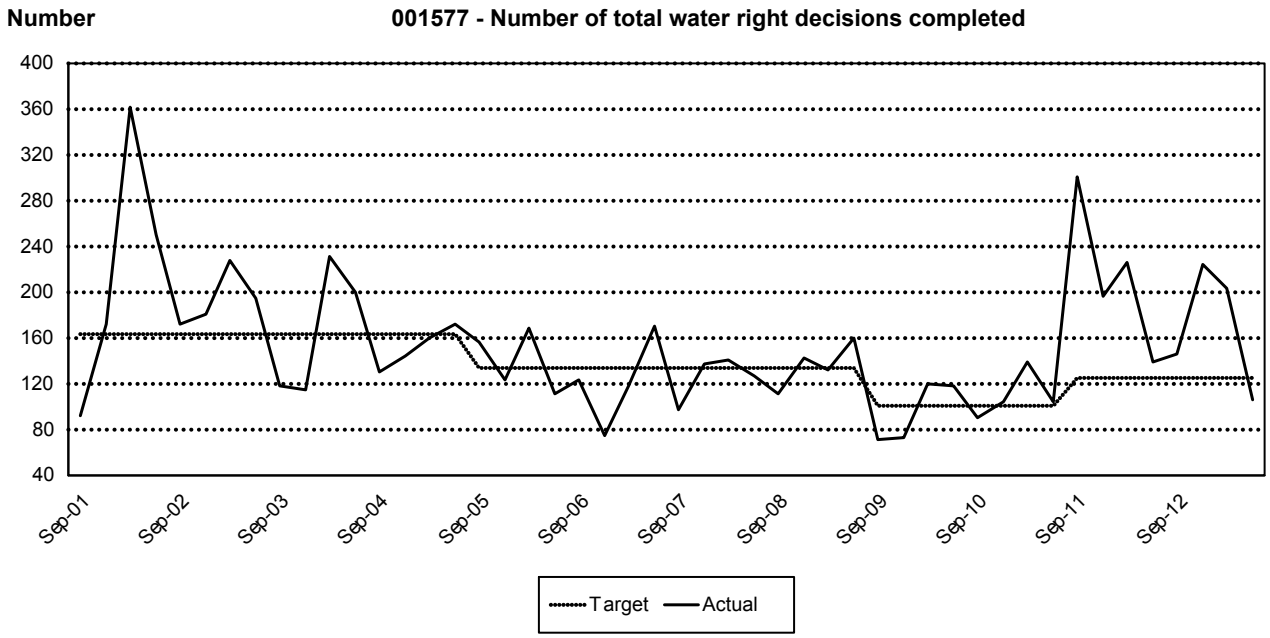
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Achieve sustainable use of public natural resources**

Expected Results

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

001577 - Number of water right decisions completed.			
Biennium	Period	Actual	Target
2011-13	Q8	106	125
2011-13	Q7	202	125
2011-13	Q6	223	125
2011-13	Q5	145	125
2011-13	Q4	138	125
2011-13	Q3	226	125
2011-13	Q2	195	125
2011-13	Q1	301	125
2009-11	Q8	103	100
2009-11	Q7	138	100
2009-11	Q6	103	100
2009-11	Q5	89	100
2009-11	Q4	117	100
2009-11	Q3	119	100
2009-11	Q2	73	100
2009-11	Q1	71	100
2007-09	Q8	159	133
2007-09	Q7	132	133
2007-09	Q6	142	133
2007-09	Q5	110	133
2007-09	Q4	127	133
2007-09	Q3	141	133
2007-09	Q2	137	133
2007-09	Q1	97	133

Date Measured: 9/30/2011
Comment: FY 12 - Total Decisions 860 (504 new & 356 change).
FY13 - Total Decisions 676 (407 new & 269 change).



001655 - Refer to Narrative Justification

A025 Measure Air Pollution Levels and Emissions

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

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

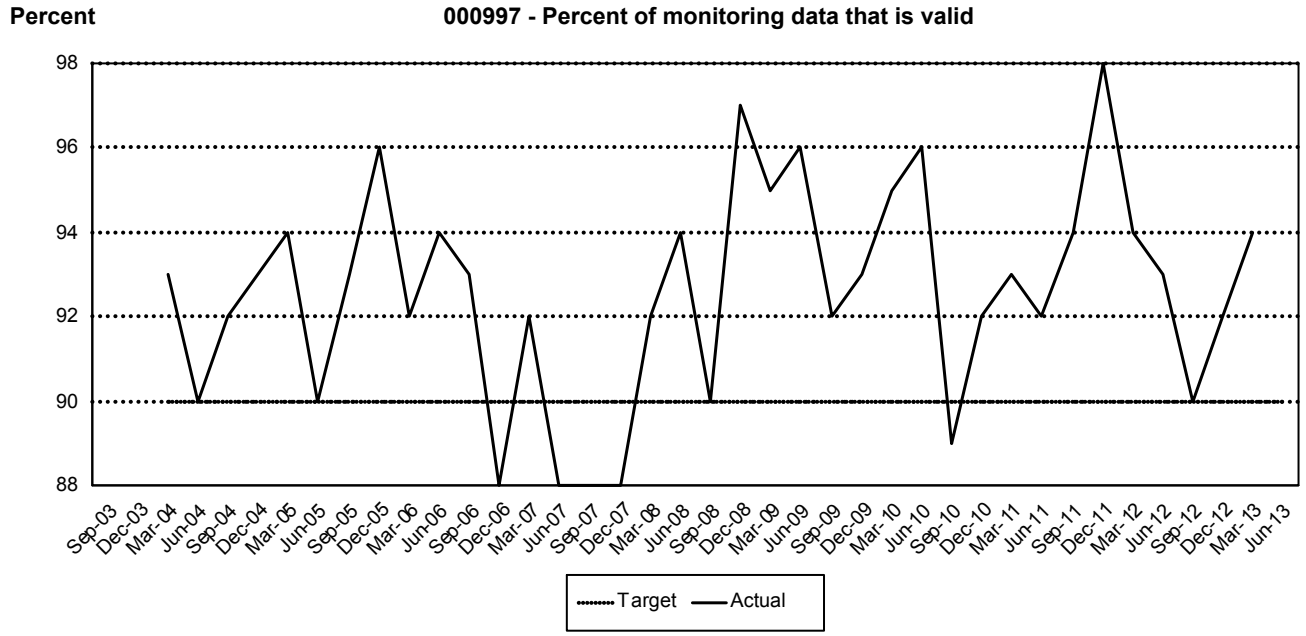
Expected Results

Comprehensive, 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.

000997 - Percent of monitoring data that is valid.			
Biennium	Period	Actual	Target
2011-13	Q8		90%
2011-13	Q7	94%	90%
2011-13	Q6	92%	90%
2011-13	Q5	90%	90%
2011-13	Q4	93%	90%
2011-13	Q3	94%	90%
2011-13	Q2	98%	90%
2011-13	Q1	94%	90%
2009-11	Q8	92%	90%
2009-11	Q7	93%	90%
2009-11	Q6	92%	90%
2009-11	Q5	89%	90%
2009-11	Q4	96%	90%
2009-11	Q3	95%	90%
2009-11	Q2	93%	90%
2009-11	Q1	92%	90%
2007-09	Q8	96%	90%
2007-09	Q7	95%	90%
2007-09	Q6	97%	90%
2007-09	Q5	90%	90%
2007-09	Q4	94%	90%
2007-09	Q3	92%	90%
2007-09	Q2	88%	90%
2007-09	Q1	88%	90%

Date Measured: 3/31/2013
Comment: Data lags one quarter due to quality assurance/quality control processes.

As of 9/3/2013



001655 - Refer to Narrative Justification

A026 Measure Contaminants in the Environment by Performing Laboratory Analyses

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

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

Expected Results

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

As of 9/3/2013

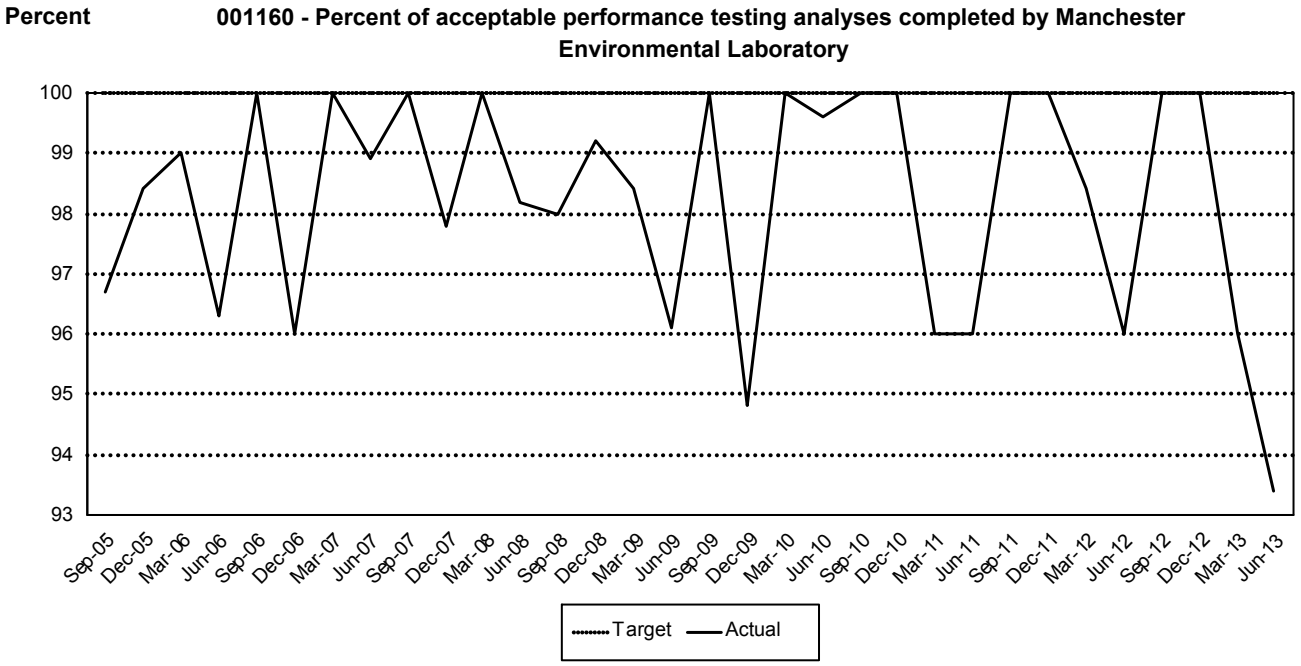
001160 - Percent of acceptable performance testing analyses completed by Ecology's Manchester Environmental Laboratory.

Biennium	Period	Actual	Target
2011-13	Q8	93.4%	100%
2011-13	Q7	96%	100%
2011-13	Q6	100%	100%
2011-13	Q5	100%	100%
2011-13	Q4	96%	100%
2011-13	Q3	98.4%	100%
2011-13	Q2	100%	100%
2011-13	Q1	100%	100%
2009-11	Q8	96%	100%
2009-11	Q7	96%	100%
2009-11	Q6	100%	100%
2009-11	Q5	100%	100%
2009-11	Q4	99.6%	100%
2009-11	Q3	100%	100%
2009-11	Q2	94.8%	100%
2009-11	Q1	100%	100%
2007-09	Q8	96.1%	100%
2007-09	Q7	98.4%	100%
2007-09	Q6	99.2%	100%
2007-09	Q5	98%	100%
2007-09	Q4	98.2%	100%
2007-09	Q3	100%	100%
2007-09	Q2	97.8%	100%
2007-09	Q1	100%	100%

Date Measured: 3/31/2013

Comment: 294 out of 306 acceptable performance test results.

As of 9/3/2013


Percent
001160 - Percent of acceptable performance testing analyses completed by Manchester Environmental Laboratory
100
99
98
97
96
95
94
93
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
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Mar-08
Jun-08
Sep-08
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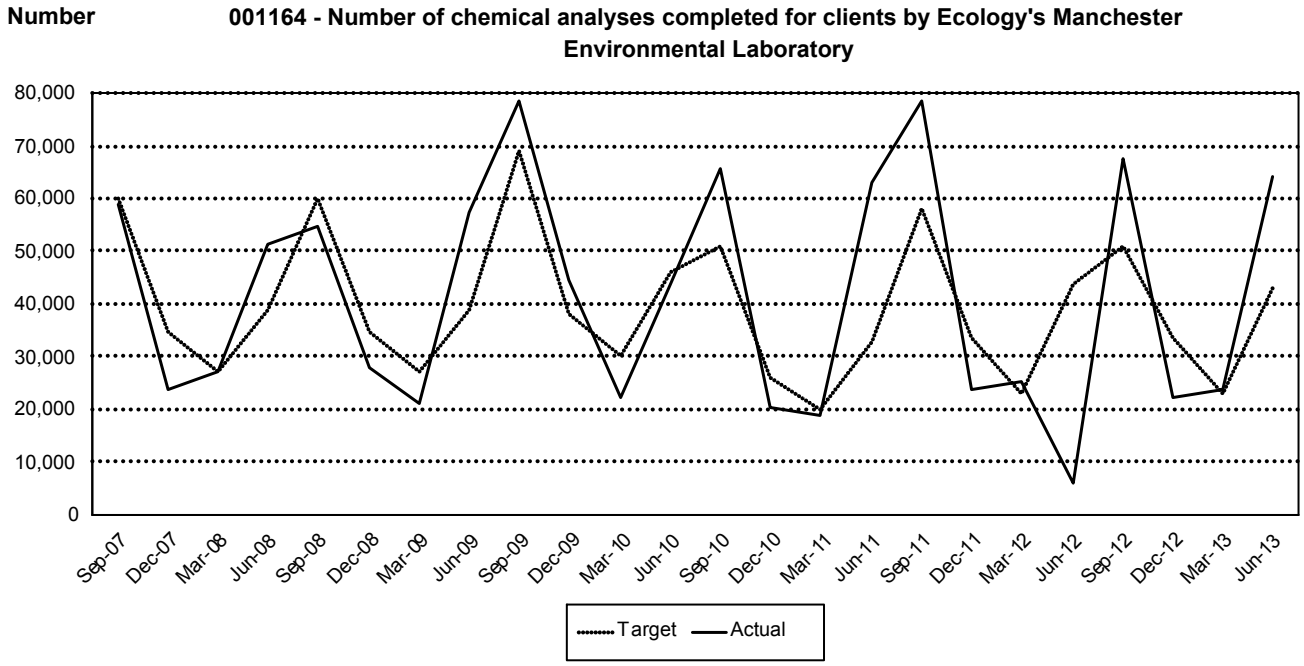
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

As of 9/3/2013

001164 - Number of chemical analyses completed for clients by Ecology's Manchester Environmental Laboratory.			
Biennium	Period	Actual	Target
2011-13	Q8	64,322	43,050
2011-13	Q7	23,758	22,890
2011-13	Q6	22,138	33,600
2011-13	Q5	67,698	51,000
2011-13	Q4	6,170	43,630
2011-13	Q3	25,348	22,910
2011-13	Q2	23,573	33,500
2011-13	Q1	78,610	58,000
2009-11	Q8	62,927	33,000
2009-11	Q7	18,763	20,000
2009-11	Q6	20,362	26,000
2009-11	Q5	65,811	51,000
2009-11	Q4	43,651	46,000
2009-11	Q3	22,275	30,000
2009-11	Q2	44,676	38,000
2009-11	Q1	78,636	69,000
2007-09	Q8	57,215	38,800
2007-09	Q7	21,202	27,100
2007-09	Q6	27,815	34,600
2007-09	Q5	54,668	60,000
2007-09	Q4	51,226	38,800
2007-09	Q3	26,983	27,100
2007-09	Q2	23,777	34,600
2007-09	Q1	58,952	60,000

Date Measured: 3/31/2012
Comment: Three percent higher than 1st quarter last year.



001655 - Refer to Narrative Justification

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

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**

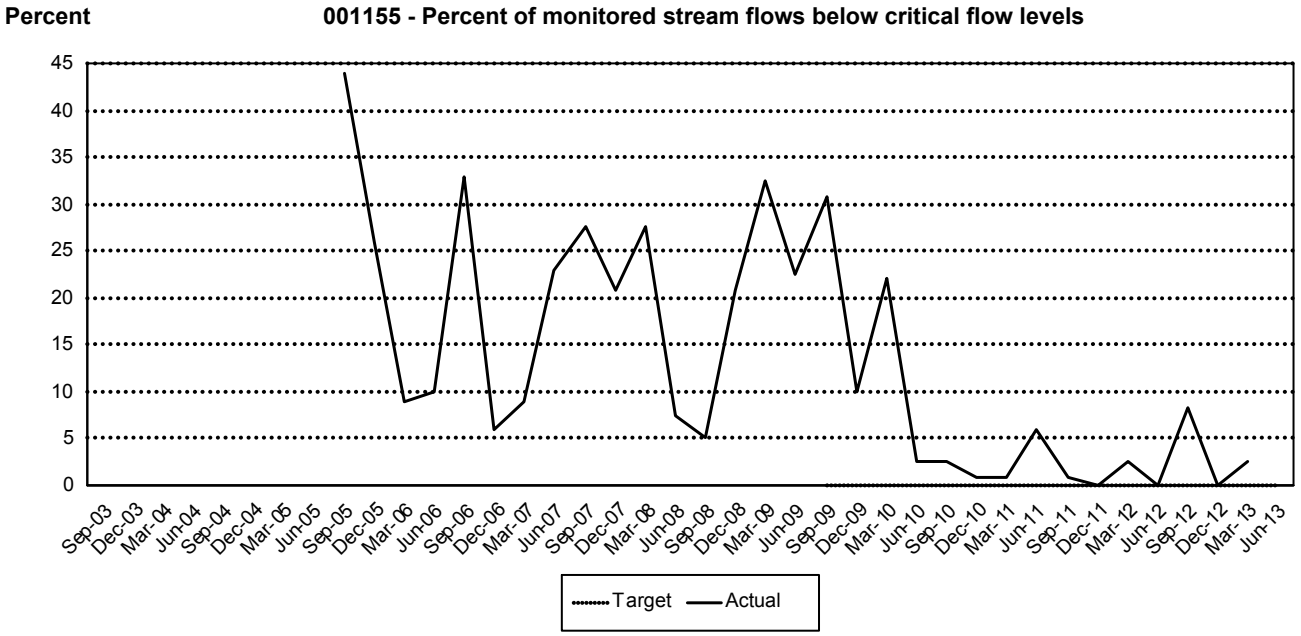
Expected Results

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.

001155 - Percent of monitored stream flows below critical flow levels.			
Biennium	Period	Actual	Target
2011-13	Q8		0%
2011-13	Q7	2.5%	0%
2011-13	Q6	0%	0%
2011-13	Q5	8.3%	0%
2011-13	Q4	0%	0%
2011-13	Q3	2.5%	0%
2011-13	Q2	0%	0%
2011-13	Q1	0.83%	0%
2009-11	Q8	5.83%	0%
2009-11	Q7	0.83%	0%
2009-11	Q6	0.83%	0%
2009-11	Q5	2.5%	0%
2009-11	Q4	2.5%	0%
2009-11	Q3	22%	0%
2009-11	Q2	10%	0%
2009-11	Q1	30.8%	0%
2007-09	Q8	22.5%	
2007-09	Q7	32.5%	
2007-09	Q6	20.8%	
2007-09	Q5	5%	
2007-09	Q4	7.5%	
2007-09	Q3	27.5%	
2007-09	Q2	20.8%	
2007-09	Q1	27.5%	

Date Measured: 3/31/2013
Comment: Based on end-of-month flows in Jan, Feb, and March 2013 at 40 representative stations. Cooler temperatures and more precipitation caused the reduction in data points this period.

As of 9/3/2013


Percent
001155 - Percent of monitored stream flows below critical flow levels
45
40
35
30
25
20
15
10
5
0
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
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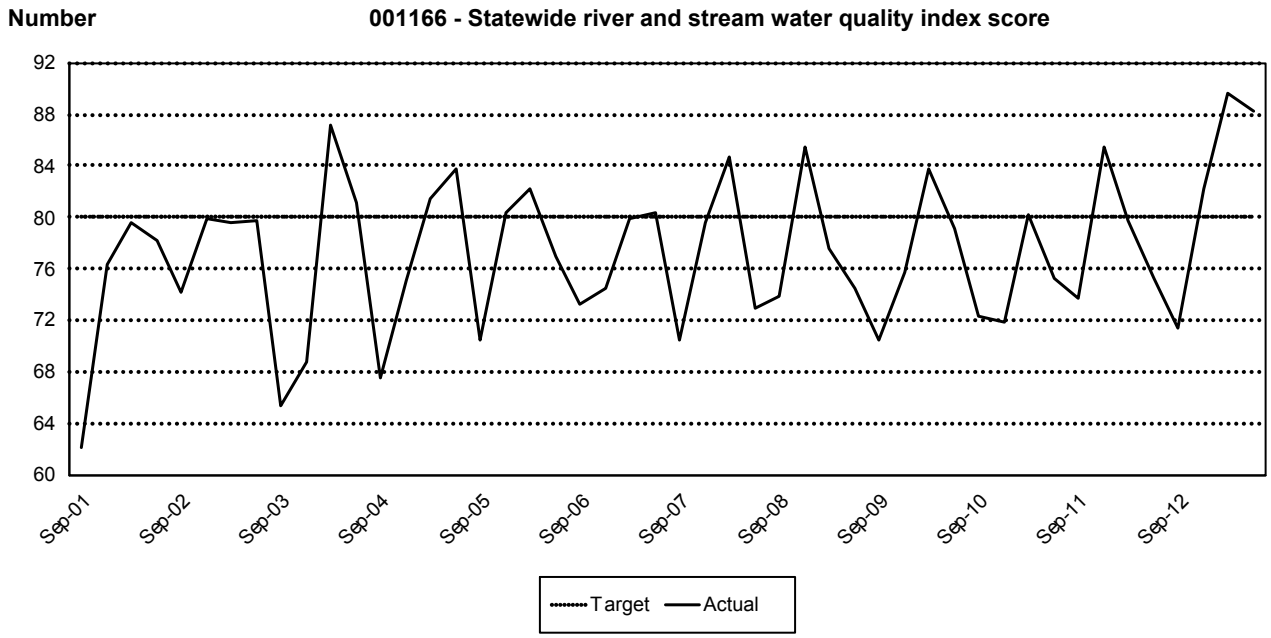
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

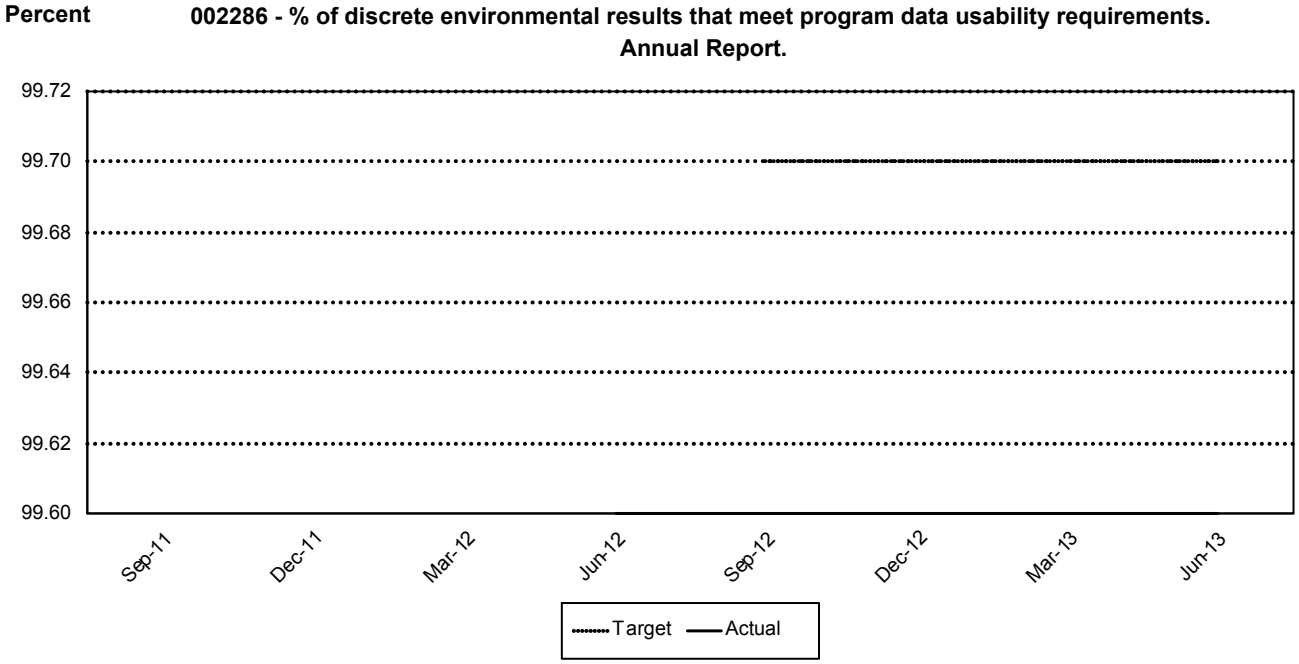
001166 - Statewide river and stream water quality index score.			
Biennium	Period	Actual	Target
2011-13	Q8	88.3	80
2011-13	Q7	89.6	80
2011-13	Q6	82.2	80
2011-13	Q5	71.4	80
2011-13	Q4	75.3	80
2011-13	Q3	79.8	80
2011-13	Q2	85.5	80
2011-13	Q1	73.7	80
2009-11	Q8	75.3	80
2009-11	Q7	80.2	80
2009-11	Q6	71.8	80
2009-11	Q5	72.3	80
2009-11	Q4	79.1	80
2009-11	Q3	83.7	80
2009-11	Q2	75.7	80
2009-11	Q1	70.5	80
2007-09	Q8	74.4	80
2007-09	Q7	77.5	80
2007-09	Q6	85.5	80
2007-09	Q5	73.9	80
2007-09	Q4	72.9	80
2007-09	Q3	84.7	80
2007-09	Q2	79.5	80
2007-09	Q1	70.5	80

Date Measured: 6/30/2013
Comment: Score is based on data collected in April and May 2013. These data have not been adjusted to account for the effects of flow on water quality. Scores are based on provisional data and are subject to change.



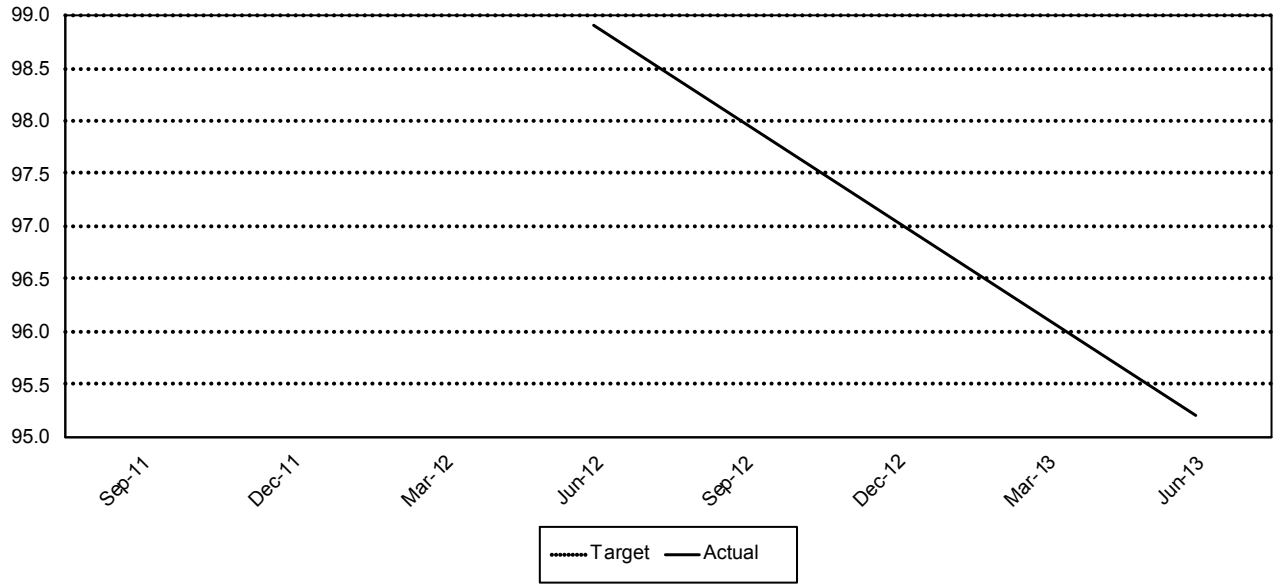
001655 - Refer to Narrative Justification

002286			
Biennium	Period	Actual	Target
2011-13	Q8	99.6%	99.7%
2011-13	Q7		99.7%
2011-13	Q6		99.7%
2011-13	Q5		99.7%
2011-13	Q4	99.6%	



002287			
Biennium	Period	Actual	Target
2011-13	Q8	95.2%	97.5%
2011-13	Q4	98.9%	

Percent **002287 - % of continuous environmental results that meet program data usability requirements. Annual report.**



A028 Improve Environmental Compliance at State's Largest Industrial Facilities

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

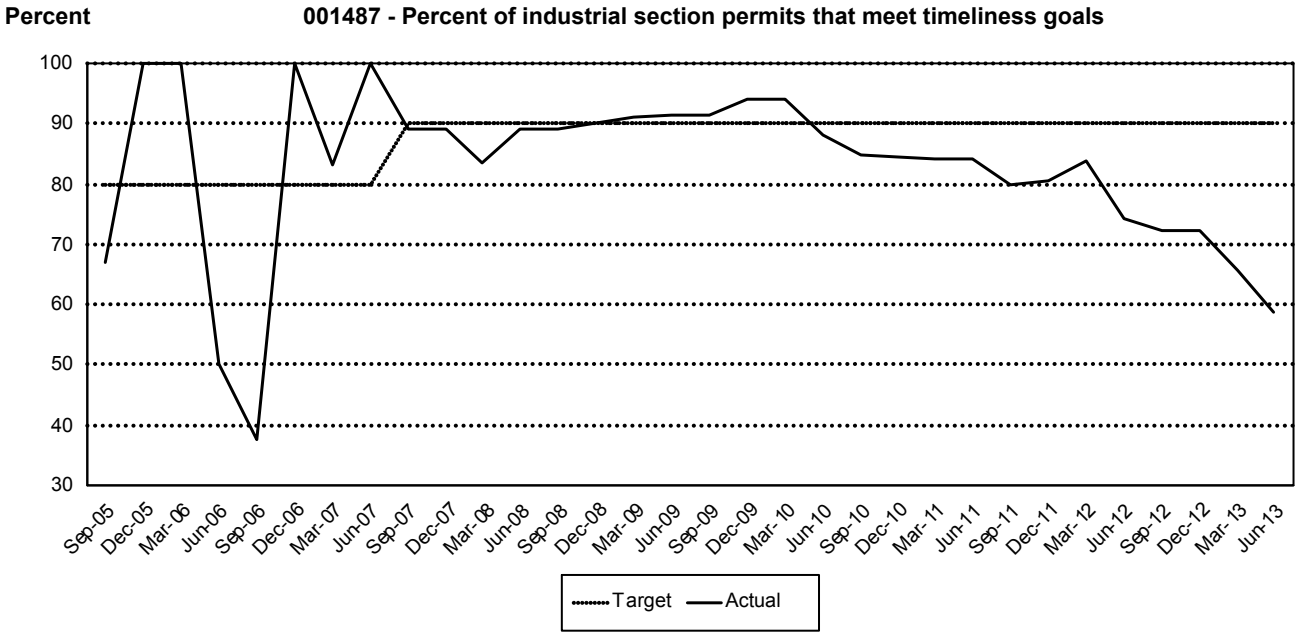
Expected Results

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

001487 - Percent of industrial section permit actions that meet the agency timeliness goals.

Biennium	Period	Actual	Target
2011-13	Q8	58.6%	90%
2011-13	Q7	65.5%	90%
2011-13	Q6	72.4%	90%
2011-13	Q5	72.4%	90%
2011-13	Q4	74.2%	90%
2011-13	Q3	83.9%	90%
2011-13	Q2	80.6%	90%
2011-13	Q1	80%	90%
2009-11	Q8	84.3%	90%
2009-11	Q7	84.3%	90%
2009-11	Q6	84.4%	90%
2009-11	Q5	84.8%	90%
2009-11	Q4	88.24%	90%
2009-11	Q3	93.9%	90%
2009-11	Q2	94.1%	90%
2009-11	Q1	91.4%	90%
2007-09	Q8	91.4%	90%
2007-09	Q7	91%	90%
2007-09	Q6	90%	90%
2007-09	Q5	89%	90%
2007-09	Q4	89%	90%
2007-09	Q3	83.4%	90%
2007-09	Q2	89%	90%
2007-09	Q1	89%	90%

Date Measured: 6/30/2013
Comment: Permits behind due to extensive public disclosure requests, public comments, appeals on some permits, owner change, past environ problems, delays in permit submittals, major changes in permits, EPA, new MACT regulations. Several near completion.



001655 - Refer to Narrative Justification

A029 Prepare and Respond to Drought

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 drough preparedness) through improved planning, communication, coordination, and loss prevention efforts.

001655 - Refer to Narrative Justification

A030 Prepare for Aggressive Response to Oil and Hazardous Material Incidents

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

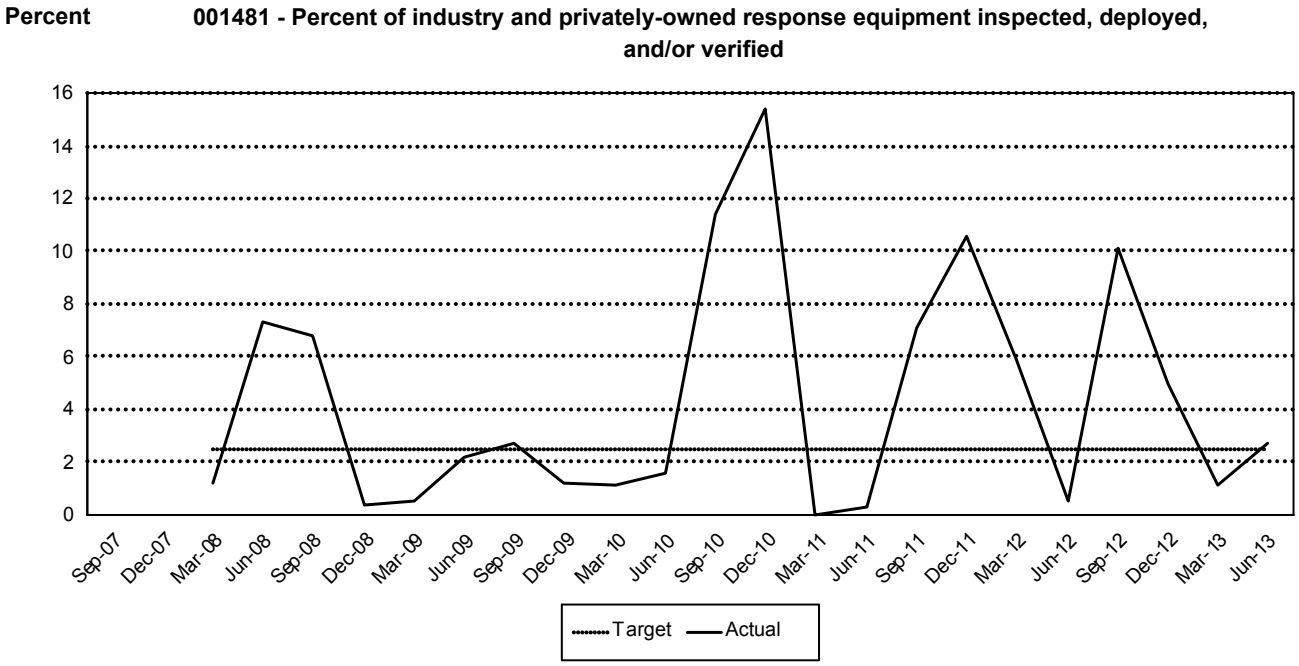
Expected Results

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.

001481 - Percent of industry-owned and privately-owned response equipment inspected, deployed, and/or verified.			
Biennium	Period	Actual	Target
2011-13	Q8	2.7%	2.5%
2011-13	Q7	1.1%	2.5%
2011-13	Q6	5%	2.5%
2011-13	Q5	10.1%	2.5%
2011-13	Q4	0.5%	2.5%
2011-13	Q3	5.9%	2.5%
2011-13	Q2	10.6%	2.5%
2011-13	Q1	7.1%	2.5%
2009-11	Q8	0.3%	2.5%
2009-11	Q7	0%	2.5%
2009-11	Q6	15.4%	2.5%
2009-11	Q5	11.4%	2.5%
2009-11	Q4	1.6%	2.5%
2009-11	Q3	1.1%	2.5%
2009-11	Q2	1.2%	2.5%
2009-11	Q1	2.7%	2.5%
2007-09	Q8	2.2%	2.5%
2007-09	Q7	0.5%	2.5%
2007-09	Q6	0.4%	2.5%
2007-09	Q5	6.8%	2.5%
2007-09	Q4	7.3%	2.5%
2007-09	Q3	1.2%	2.5%

Date Measured: 6/30/2012

Comment: Percentage decrease due to need to conduct modeling for planning standards and review of Primary Response Contractor applications submitted this quarter. Inspections are scheduled and will increase again next quarter.



001655 - Refer to Narrative Justification

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

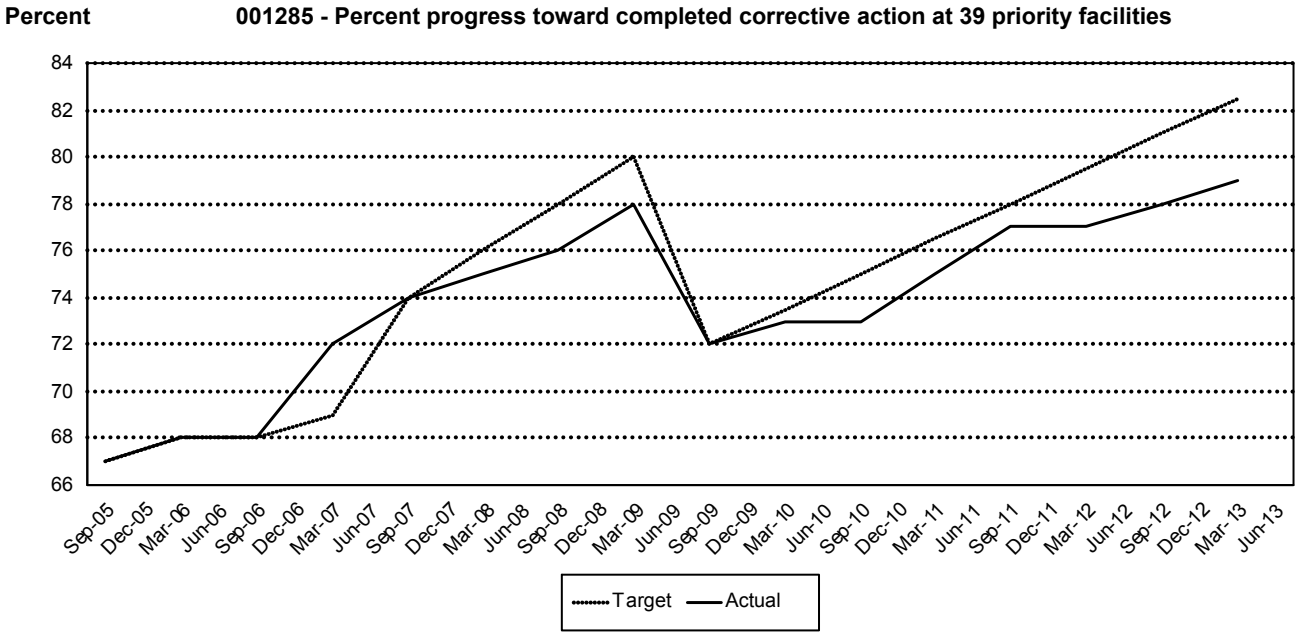
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Preserve, maintain and restore natural systems and landscapes**

Expected Results

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

001285 - Semi-annual progress toward completed corrective action at 39 priority facilities. Corrective action is the clean up of contamination at hazardous waste treatment, storage and disposal (TSD) facilities.			
Biennium	Period	Actual	Target
2011-13	Q7	79%	82.5%
2011-13	Q5	78%	81%
2011-13	Q3	77%	79.5%
2011-13	Q1	77%	78%
2009-11	Q7	75%	76.5%
2009-11	Q5	73%	75%
2009-11	Q3	73%	73.5%
2009-11	Q1	72%	72%
2007-09	Q7	78%	80%
2007-09	Q5	76%	78%
2007-09	Q3	75%	76%
2007-09	Q1	74%	74%

Date Measured: 9/30/2010
Comment: The effect of adding a new area at Fort Lewis resulted in the overall percent completion to stay the same



001655 - Refer to Narrative Justification

A032 Prevent Point Source Water Pollution

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

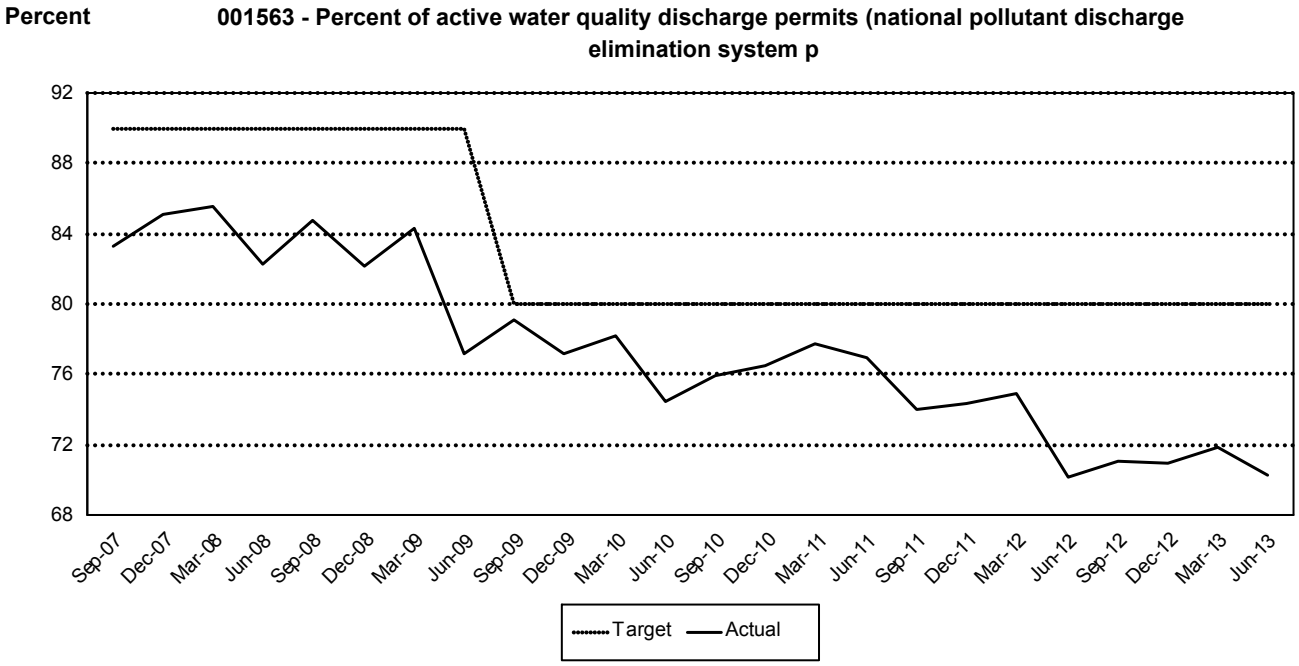
Expected Results

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

001563 - Percent of active water quality discharge permits (national pollutant discharge elimination system permits) that are up to date.

Biennium	Period	Actual	Target
2011-13	Q8	70.26%	80%
2011-13	Q7	71.9%	80%
2011-13	Q6	70.93%	80%
2011-13	Q5	71.06%	80%
2011-13	Q4	70.14%	80%
2011-13	Q3	74.94%	80%
2011-13	Q2	74.31%	80%
2011-13	Q1	74.02%	80%
2009-11	Q8	76.89%	80%
2009-11	Q7	77.69%	80%
2009-11	Q6	76.47%	80%
2009-11	Q5	75.92%	80%
2009-11	Q4	74.41%	80%
2009-11	Q3	78.19%	80%
2009-11	Q2	77.18%	80%
2009-11	Q1	79.04%	80%
2007-09	Q8	77.17%	90%
2007-09	Q7	84.29%	90%
2007-09	Q6	82.18%	90%
2007-09	Q5	84.73%	90%
2007-09	Q4	82.3%	90%
2007-09	Q3	85.6%	90%
2007-09	Q2	85.1%	90%
2007-09	Q1	83.3%	90%

Date Measured: 6/30/2013
Comment: As of 7-31-2013 from PARIS database.



001655 - Refer to Narrative Justification

A033 Prevent Oil Spills from Vessels and Oil Handling Facilities

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

Expected Results

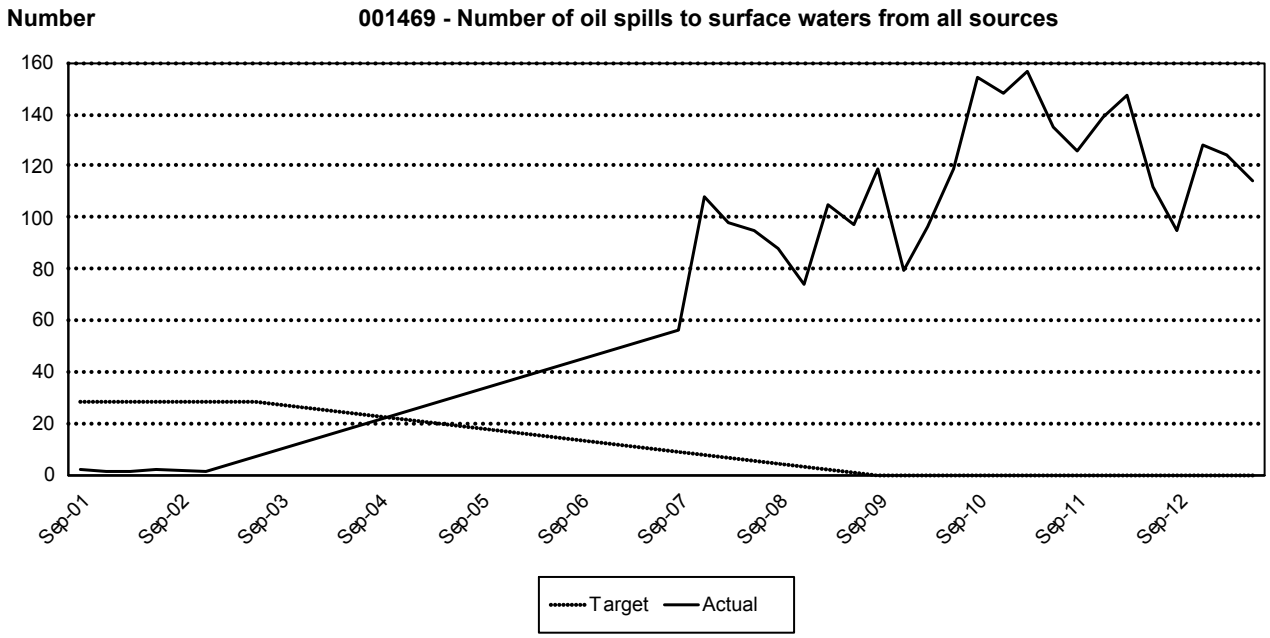
Strive to achieve zero oil spills from vessels and oil handling facilities. Minimize or prevent spills through risk management, and targeted inspections. Reduced number of oil spills entering surface waters, particularly from marine sources. Reduced total volume of oil entering surface waters to less 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.

As of 9/3/2013

001469 - Number of spills to surface water from all sources.			
Biennium	Period	Actual	Target
2011-13	Q8	114	0
2011-13	Q7	124	0
2011-13	Q6	128	0
2011-13	Q5	95	0
2011-13	Q4	112	0
2011-13	Q3	147	0
2011-13	Q2	139	0
2011-13	Q1	126	0
2009-11	Q8	135	0
2009-11	Q7	157	0
2009-11	Q6	148	0
2009-11	Q5	154	0
2009-11	Q4	119	0
2009-11	Q3	96	0
2009-11	Q2	79	0
2009-11	Q1	119	0
2007-09	Q8	97	
2007-09	Q7	105	
2007-09	Q6	74	
2007-09	Q5	88	
2007-09	Q4	95	
2007-09	Q3	98	
2007-09	Q2	108	
2007-09	Q1	56	

Date Measured: 6/30/2013
Comment: State legislature adopted zero spill goal.

As of 9/3/2013

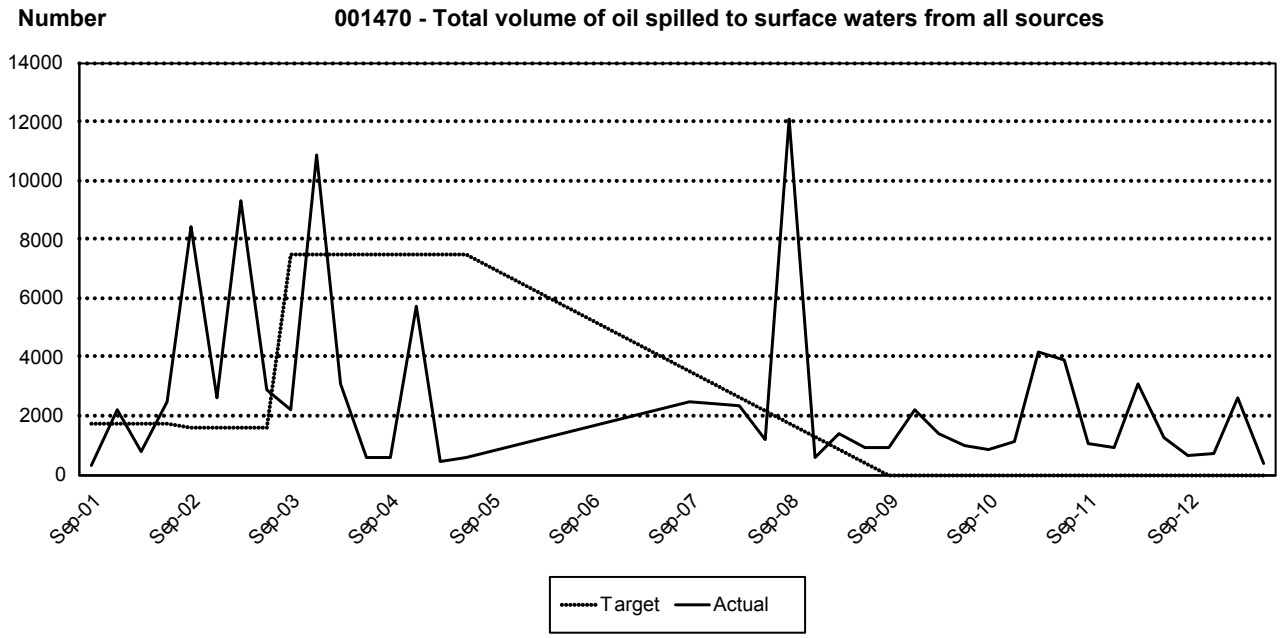

Number
001469 - Number of oil spills to surface waters from all sources
160
140
120
100
80
60
40
20
0
Sep-01
Sep-02
Sep-03
Sep-04
Sep-05
Sep-06
Sep-07
Sep-08
Sep-09
Sep-10
Sep-11
Sep-12
Target
Actual

As of 9/3/2013

001470 - Total volume of oil spilled to surface waters from all sources.			
Biennium	Period	Actual	Target
2011-13	Q8	391	0
2011-13	Q7	2,627	0
2011-13	Q6	723	0
2011-13	Q5	633	0
2011-13	Q4	1,253	0
2011-13	Q3	3,086	0
2011-13	Q2	928	0
2011-13	Q1	1,082	0
2009-11	Q8	3,894	0
2009-11	Q7	4,146	0
2009-11	Q6	1,107.75	0
2009-11	Q5	818	0
2009-11	Q4	981.1	0
2009-11	Q3	1,390	0
2009-11	Q2	2,198	0
2009-11	Q1	925	0
2007-09	Q8	927	
2007-09	Q7	1,379	
2007-09	Q6	585	
2007-09	Q5	12,068	
2007-09	Q4	1,160	
2007-09	Q3	2,310	
2007-09	Q2	2,434	
2007-09	Q1	2,482	

Date Measured: 6/30/2013
Comment: State legislature adopted zero spill goal.

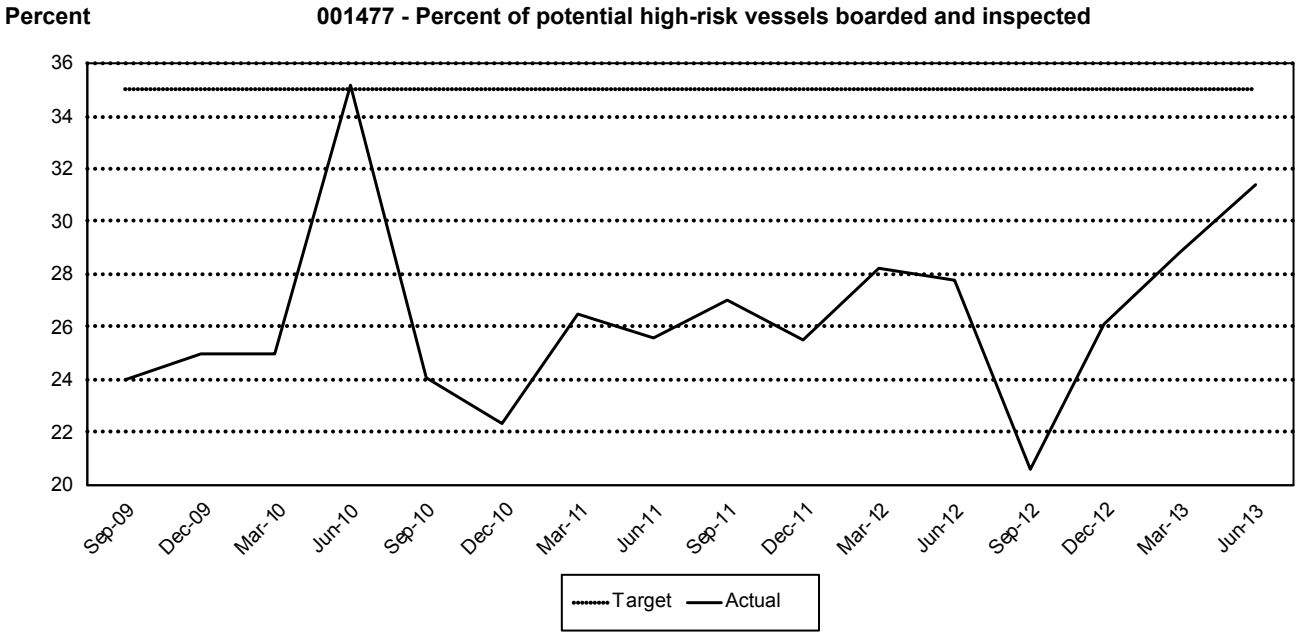
As of 9/3/2013


Number
001470 - Total volume of oil spilled to surface waters from all sources
14000
12000
10000
8000
6000
4000
2000
0
Sep-01
Sep-02
Sep-03
Sep-04
Sep-05
Sep-06
Sep-07
Sep-08
Sep-09
Sep-10
Sep-11
Sep-12
Target
Actual

As of 9/3/2013

001477 - Percent of potential high-risk vessels boarded and inspected.			
Biennium	Period	Actual	Target
2011-13	Q8	31.4%	35%
2011-13	Q7	28.8%	35%
2011-13	Q6	26.1%	35%
2011-13	Q5	20.6%	35%
2011-13	Q4	27.8%	35%
2011-13	Q3	28.2%	35%
2011-13	Q2	25.5%	35%
2011-13	Q1	27%	35%
2009-11	Q8	25.6%	35%
2009-11	Q7	26.5%	35%
2009-11	Q6	22.3%	35%
2009-11	Q5	24.1%	35%
2009-11	Q4	35.2%	35%
2009-11	Q3	25%	35%
2009-11	Q2	25%	35%
2009-11	Q1	24%	35%

Date Measured: 6/30/2013
Comment: 373 high risk vessels arrived at Washington ports, 117 were boarded and inspected by Ecology



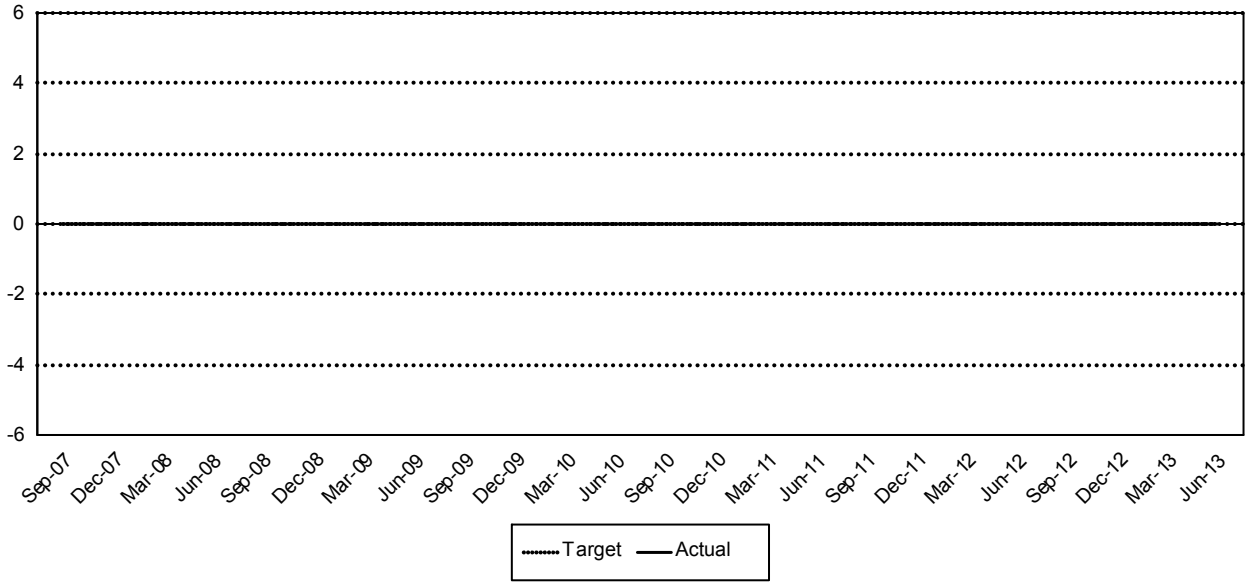
001479 - Gallons of oil spilled during oil transfers for every 100 millions of gallons transferred.						
Biennium	Period	Ratio			Actual	Target
2011-13	Q8	69	/	2,950,000,000	0.0	0
2011-13	Q7	42.56	/	3,080,000,000	0.0	0
2011-13	Q6	2.8	/	3,040,000,000	0.0	0
2011-13	Q5	1.6	/	3,559,000,000	0.0	0
2011-13	Q4	0.7	/	2,858,000,000	0.0	0
2011-13	Q3	1	/	2,833,000,000	0.0	0
2011-13	Q2	5	/	3,230,000,000	0.0	0
2011-13	Q1	23	/	3,400,000,000	0.0	0
2009-11	Q8	8.66	/	2,900,000,000	0.0	0
2009-11	Q7	0.84	/	2,940,000,000	0.0	0
2009-11	Q6	6.91	/	2,750,520,889	0.0	0
2009-11	Q5	2.54	/	2,708,647,234	0.0	0
2009-11	Q4	1.1	/	2,973,393,735	0.0	0
2009-11	Q3	3.41	/	3,140,000,000	0.0	0
2009-11	Q2	0.29	/	3,400,000,000	0.0	0
2009-11	Q1	1.1	/	3,800,000,000	0.0	0
2007-09	Q8	29	/	3,606,392,159	0.0	0
2007-09	Q7	46	/	3,560,536,700	0.0	0
2007-09	Q6	22	/	3,633,046,067	0.0	0
2007-09	Q5	24	/	3,516,031,028	0.0	0
2007-09	Q4	39	/	3,813,121,763	0.0	0
2007-09	Q3	143	/	3,620,995,679	0.0	0
2007-09	Q2	59	/	3,303,699,968	0.0	0
2007-09	Q1	483	/	3,916,192,992	0.0	0

Date Measured: 6/30/2013

Comment: State legislature adopted zero spills goal. 69 gallons spilled of 2.95 billion gallons transferred during 4348 regilated transfers.

As of 9/3/2013

Number **001479 - Gallons of oil spilled to surface water during a transfer for every 100 million gallons transferred.**

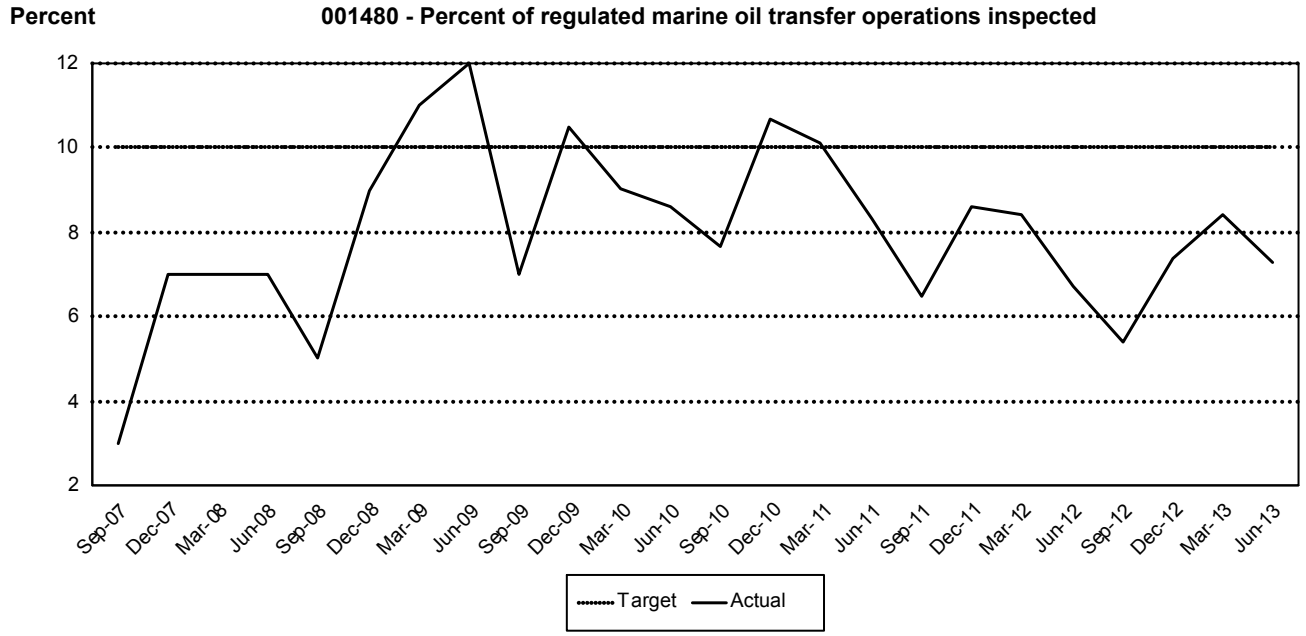


001480 - Percent of marine oil operations inspected.			
Biennium	Period	Actual	Target
2011-13	Q8	7.3%	10%
2011-13	Q7	8.4%	10%
2011-13	Q6	7.4%	10%
2011-13	Q5	5.4%	10%
2011-13	Q4	6.7%	10%
2011-13	Q3	8.4%	10%
2011-13	Q2	8.6%	10%
2011-13	Q1	6.5%	10%
2009-11	Q8	8.3%	10%
2009-11	Q7	10.1%	10%
2009-11	Q6	10.7%	10%
2009-11	Q5	7.64%	10%
2009-11	Q4	8.59%	10%
2009-11	Q3	9.02%	10%
2009-11	Q2	10.49%	10%
2009-11	Q1	6.98%	10%
2007-09	Q8	12%	10%
2007-09	Q7	11%	10%
2007-09	Q6	9%	10%
2007-09	Q5	5%	10%
2007-09	Q4	7%	10%
2007-09	Q3	7%	10%
2007-09	Q2	7%	10%
2007-09	Q1	3%	10%

Date Measured: 6/30/2013

Comment: Total number of Advanced Notice of Transfers = 4348

As of 9/3/2013



001655 - Refer to Narrative Justification

A034 Prevent Unhealthy Air and Violations of Air Quality Standards

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

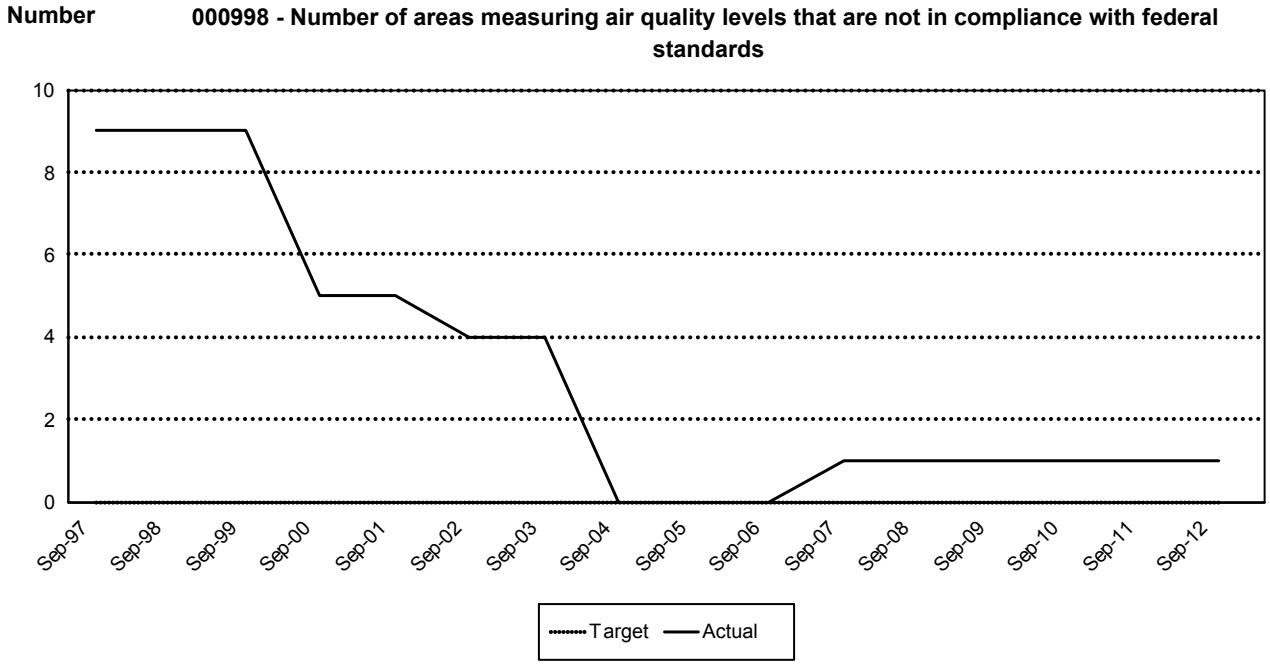
Expected Results

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

As of 9/3/2013

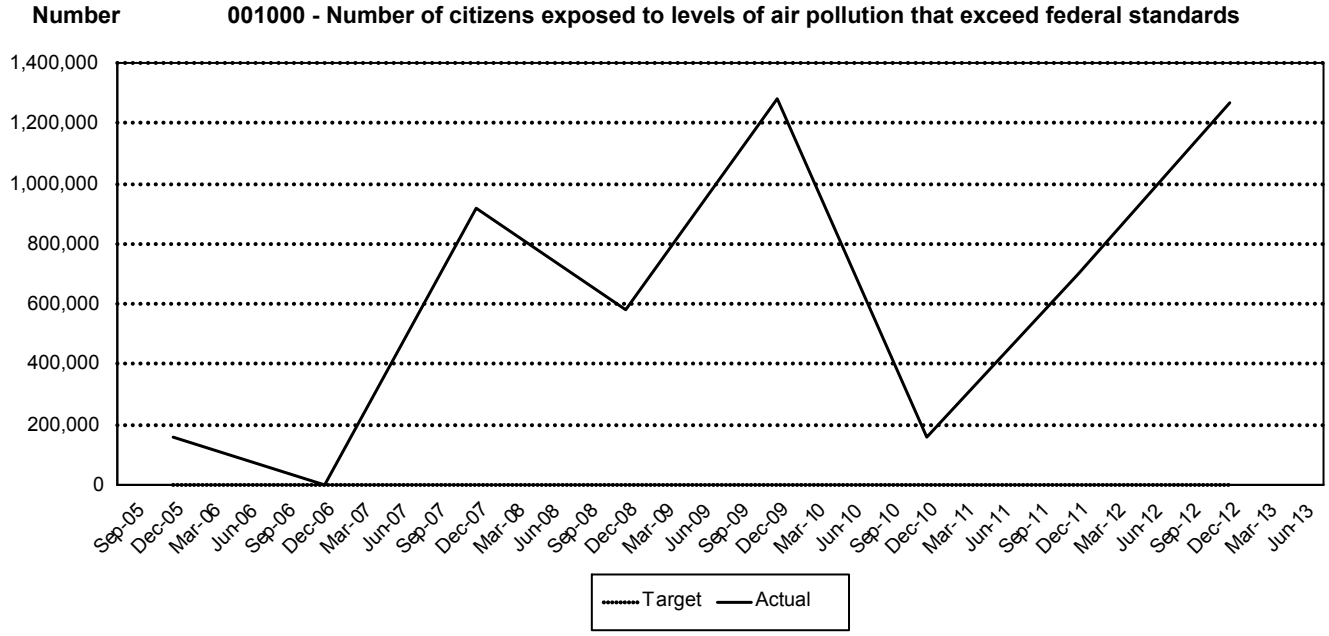
000998 - Number of areas in Washington measuring air quality levels that are not in compliance with federal air quality standards.			
Biennium	Period	Actual	Target
2011-13	A2	1	0
2011-13	A1	1	0
2009-11	A2	1	0
2009-11	A1	1	0
2007-09	A2	1	0
2007-09	A1	1	0

Date Measured: 12/31/2012
Comment: Data reported on Calendar Year



001000 - Number of citizens exposed to levels of pollution that exceed federal air quality standards.			
Biennium	Period	Actual	Target
2011-13	A2	1,270,000	0
2011-13	A1	703,000	0
2009-11	A2	160,000	0
2009-11	A1	1,280,000	0
2007-09	A2	579,100	0
2007-09	A1	915,200	0

Date Measured: 12/31/2012
Comment: Many more communities than usual were exposed to high levels of fine particle pollution due to wildfires during the fall of 2012.



001655 - Refer to Narrative Justification

A035 Promote Compliance with Water Laws

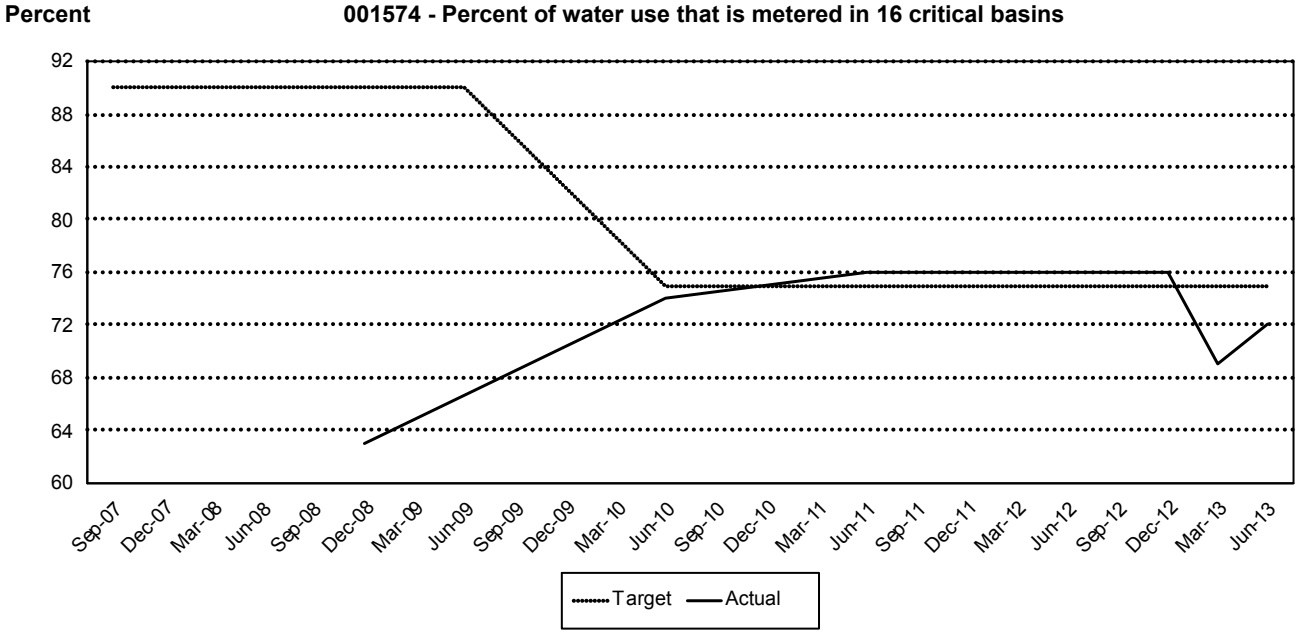
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Preserve, maintain and restore natural systems and landscapes**

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.

001574 - Percent of water use that is metered in 16 salmon critical basins.			
Biennium	Period	Actual	Target
2011-13	Q8	72%	75%
2011-13	Q7	69%	75%
2011-13	Q6	76%	75%
2011-13	Q5	76%	75%
2011-13	Q4	76%	75%
2011-13	Q3	76%	75%
2011-13	Q2	76%	75%
2011-13	Q1	76%	75%
2009-11	Q8	76%	75%
2009-11	Q4	74%	75%
2007-09	Q8		90%
2007-09	Q7		90%
2007-09	Q6	63%	90%
2007-09	Q5		90%
2007-09	Q4		90%
2007-09	Q3		90%
2007-09	Q2		90%
2007-09	Q1		90%

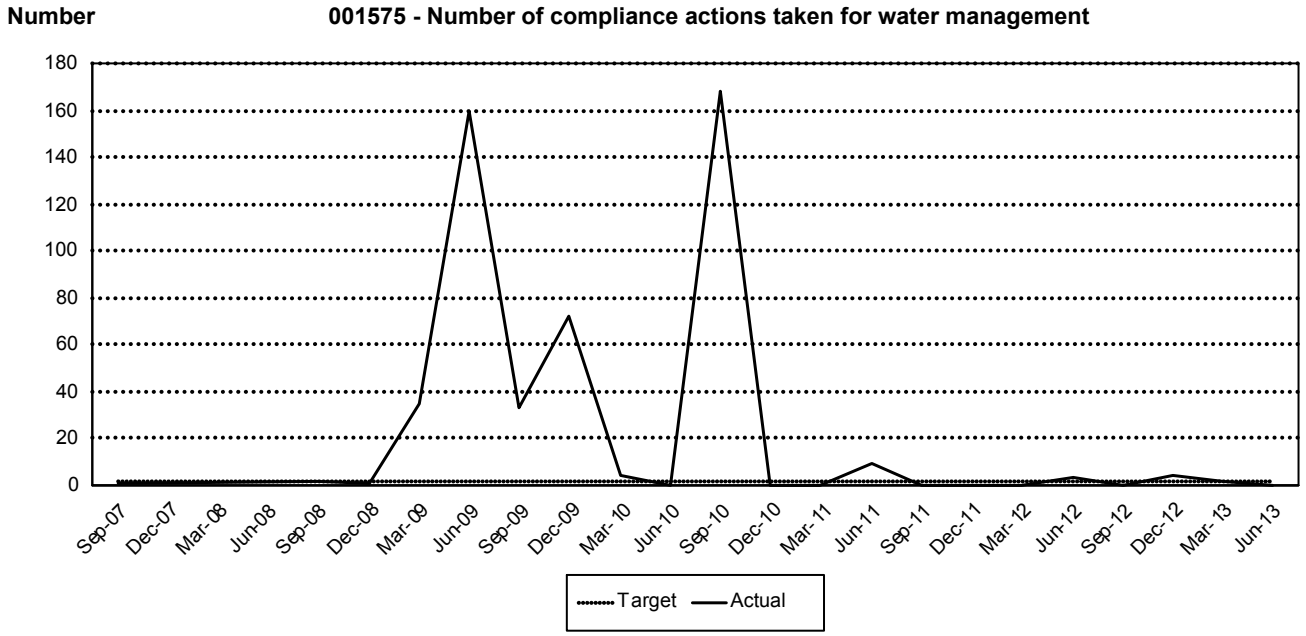
Date Measured: 6/30/2009
Comment: Assessing measure to resolve data issues.



001575 - Number of compliance assistance actions for water management (non-metering)			
Biennium	Period	Actual	Target
2011-13	Q8	0	2
2011-13	Q7	2	2
2011-13	Q6	4	2
2011-13	Q5	0	2
2011-13	Q4	3	2
2011-13	Q3	0	2
2011-13	Q2	0	2
2011-13	Q1	0	2
2009-11	Q8	9	2
2009-11	Q7	0	2
2009-11	Q6	0	2
2009-11	Q5	168	2
2009-11	Q4	0	2
2009-11	Q3	4	2
2009-11	Q2	72	2
2009-11	Q1	33	2
2007-09	Q8	160	2
2007-09	Q7	35	2
2007-09	Q6	1	2
2007-09	Q5	2	2
2007-09	Q4		2
2007-09	Q3		2
2007-09	Q2		2
2007-09	Q1	1	2

Date Measured: 12/31/2012

Comment: 3- No valid water right, 1- Dam safety violation



001655 - Refer to Narrative Justification

A036 Protect and Manage Shorelines in Partnership with Local Governments

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

Expected Results

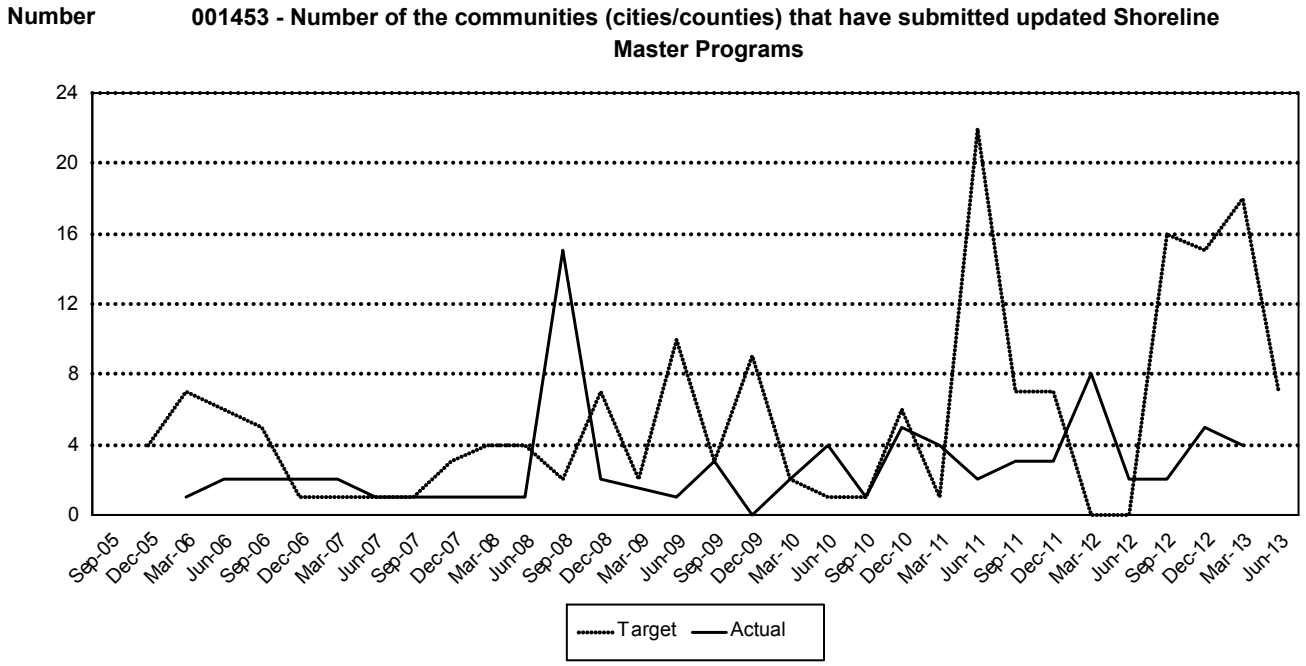
Shorelines of the state are protected, restored and managed consistent with state and local laws. Local governments get technical and financial assistance to update their shoreline master programs. Permits approved by local governments are consistent with their shoreline master programs.

As of 9/3/2013

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

Biennium	Period	Actual	Target
2011-13	Q8		7
2011-13	Q7	4	18
2011-13	Q6	5	15
2011-13	Q5	2	16
2011-13	Q4	2	0
2011-13	Q3	8	0
2011-13	Q2	3	7
2011-13	Q1	3	7
2009-11	Q8	2	22
2009-11	Q7	4	1
2009-11	Q6	5	6
2009-11	Q5	1	1
2009-11	Q4	4	1
2009-11	Q3	2	2
2009-11	Q2	0	9
2009-11	Q1	3	3
2007-09	Q8	1	10
2007-09	Q7		2
2007-09	Q6	2	7
2007-09	Q5	15	2
2007-09	Q4	1	4
2007-09	Q3	1	4
2007-09	Q2	1	3
2007-09	Q1		1

Date Measured: 6/30/2013
Comment: 53 (47%) approved by Ecology; 16 (14%) locally adopted and awaiting state approval; 44 (39%) still underway (36 of which are past their due date).



001655 - Refer to Narrative Justification

A037 Protect Water Quality by Reviewing and Conditioning Construction Projects

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

Expected Results

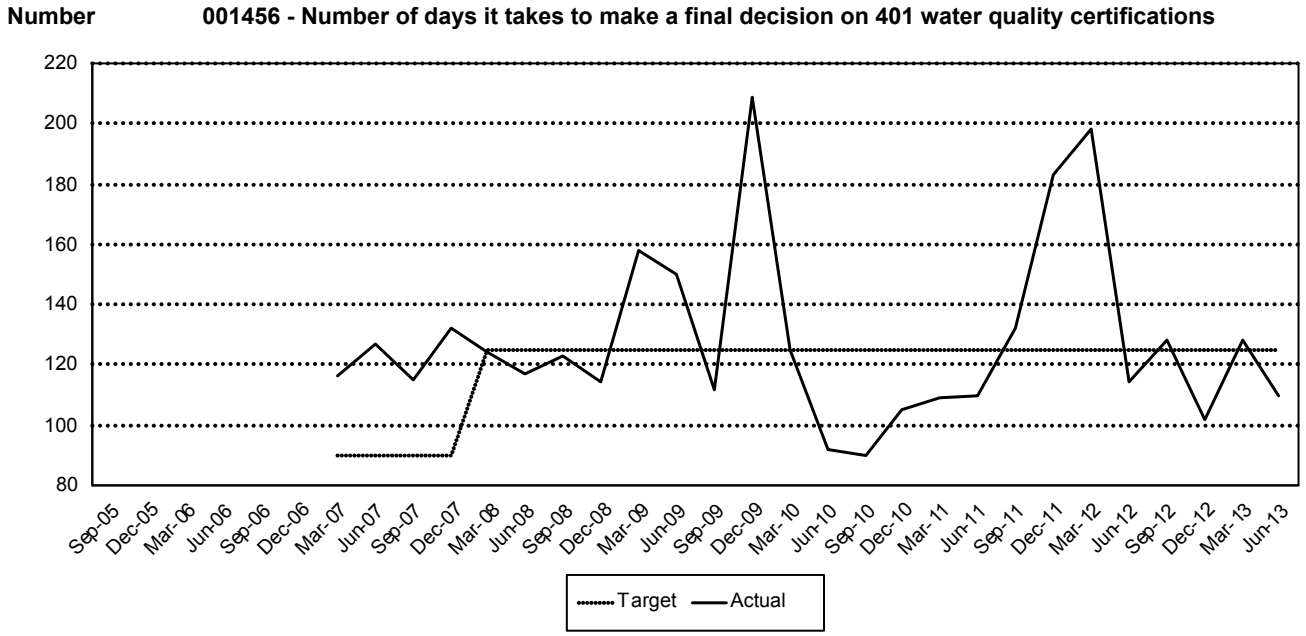
Water quality, habitat, and aquatic life are protected and managed consistent with federal, state, and local laws. Applicants get technical help on reducing impacts and permit issues. Decisions are timely, thorough, and consistent. The average number of days it takes to make a 401 permit certification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

As of 9/3/2013

001456 - The number of days it takes to make a final decision on 401 water quality certifications.

Biennium	Period	Actual	Target
2011-13	Q8	110	125
2011-13	Q7	128	125
2011-13	Q6	102	125
2011-13	Q5	128	125
2011-13	Q4	114	125
2011-13	Q3	198	125
2011-13	Q2	183	125
2011-13	Q1	132	125
2009-11	Q8	110	125
2009-11	Q7	109	125
2009-11	Q6	105	125
2009-11	Q5	90	125
2009-11	Q4	92	125
2009-11	Q3	125	125
2009-11	Q2	209	125
2009-11	Q1	112	125
2007-09	Q8	150	125
2007-09	Q7	158	125
2007-09	Q6	114	125
2007-09	Q5	123	125
2007-09	Q4	117	125
2007-09	Q3	124	125
2007-09	Q2	132	90
2007-09	Q1	115	90

Date Measured: 3/31/2012
Comment: Of 18 Total Projects, 13 had Individual 401's -- 7 of the 13 individual 401's took over 300 days.



001655 - Refer to Narrative Justification

A038 Protect, Restore, and Manage Wetlands

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

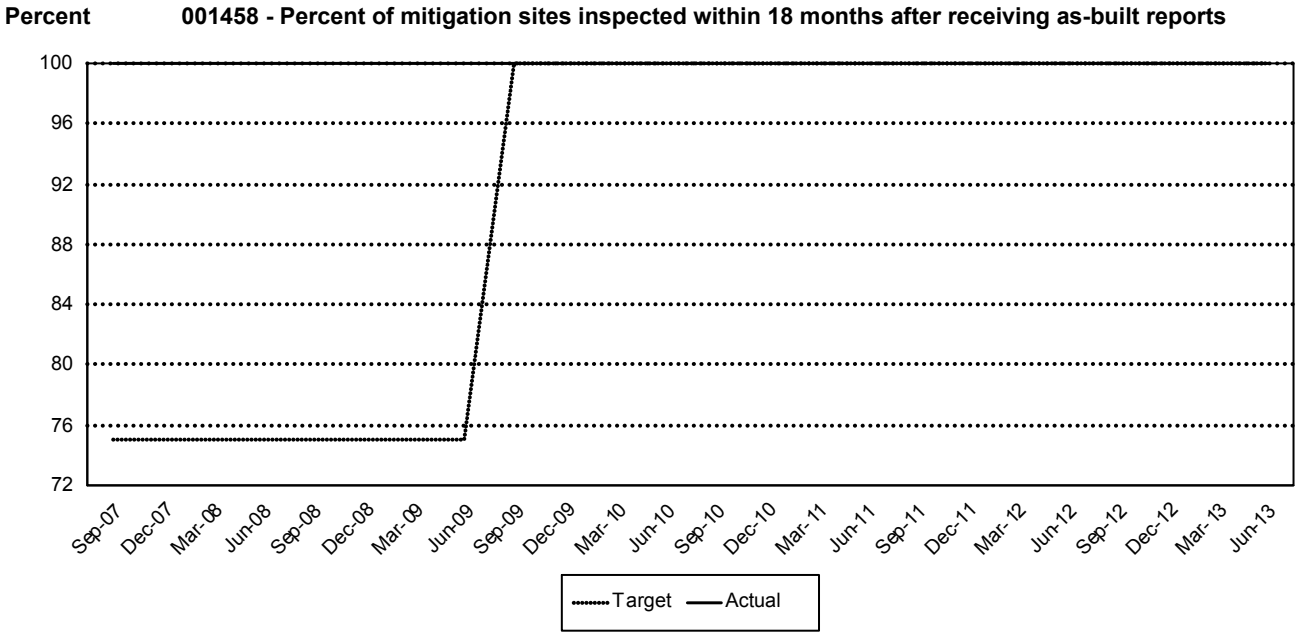
Expected Results

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

As of 9/3/2013

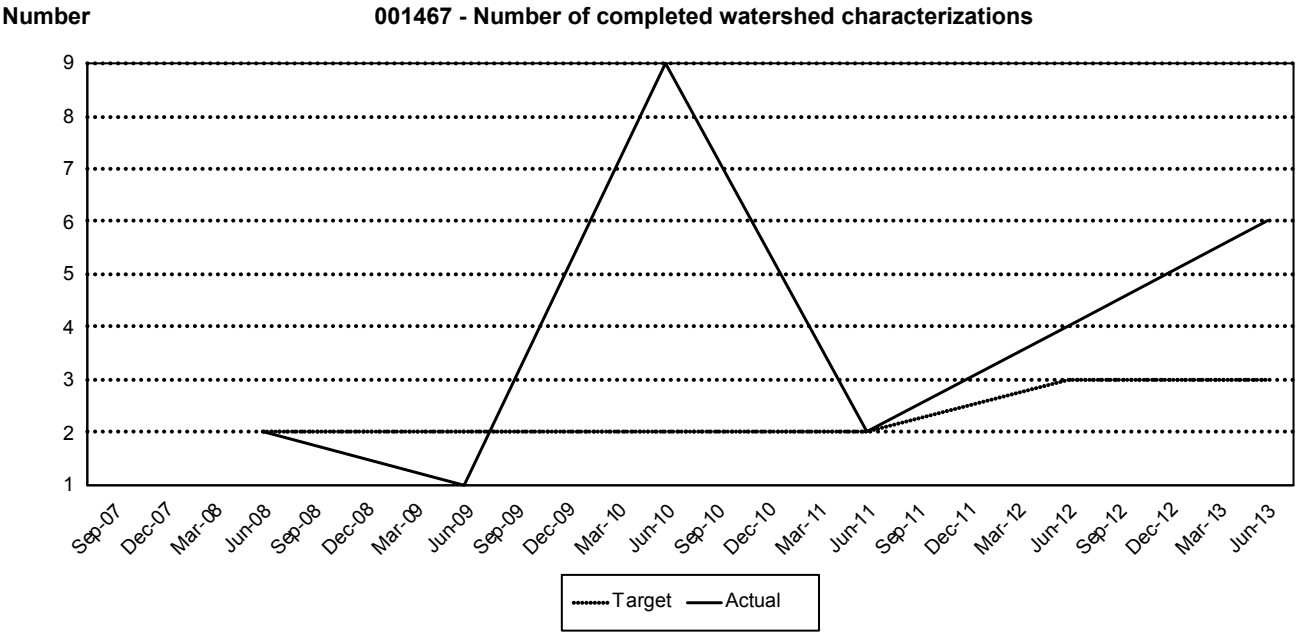
001458 - Percent of mitigation sites inspected within 18 months after receipt of as-built reports.			
Biennium	Period	Actual	Target
2011-13	Q8	100%	100%
2011-13	Q7	100%	100%
2011-13	Q6	100%	100%
2011-13	Q5	100%	100%
2011-13	Q4	100%	100%
2011-13	Q3	100%	100%
2011-13	Q2	100%	100%
2011-13	Q1	100%	100%
2009-11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

Date Measured: 9/30/2007
Comment: New measure this year



001467 - Number of completed watershed characterizations.

Biennium	Period	Actual	Target
2011-13	Q8	6	3
2011-13	Q4	4	3
2009-11	Q8	2	2
2009-11	Q4	9	2
2007-09	Q8	1	2
2007-09	Q4	2	2

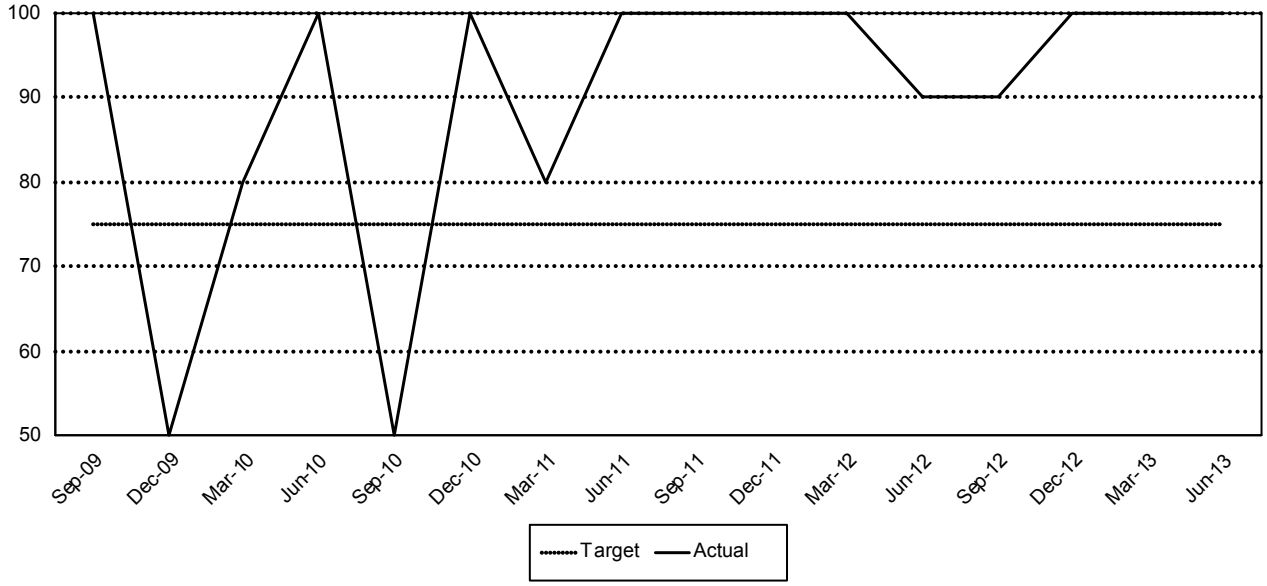


001468 - Percent of wetland banking certification documents reviewed within 30 days of receipt; except for Mitigation bank instruments which will be reviewed within 90 days.

Biennium	Period	Actual	Target
2011-13	Q8	100%	75%
2011-13	Q7	100%	75%
2011-13	Q6	100%	75%
2011-13	Q5	90%	75%
2011-13	Q4	90%	75%
2011-13	Q3	100%	75%
2011-13	Q2	100%	75%
2011-13	Q1	100%	75%
2009-11	Q8	100%	75%
2009-11	Q7	80%	75%
2009-11	Q6	100%	75%
2009-11	Q5	50%	75%
2009-11	Q4	100%	75%
2009-11	Q3	80%	75%
2009-11	Q2	50%	75%
2009-11	Q1	100%	75%

Date Measured: 6/30/2012
Comment: We have reduced wetland banking staff by one position.

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



001655 - Refer to Narrative Justification

A039 Inactive 1

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

Expected Results

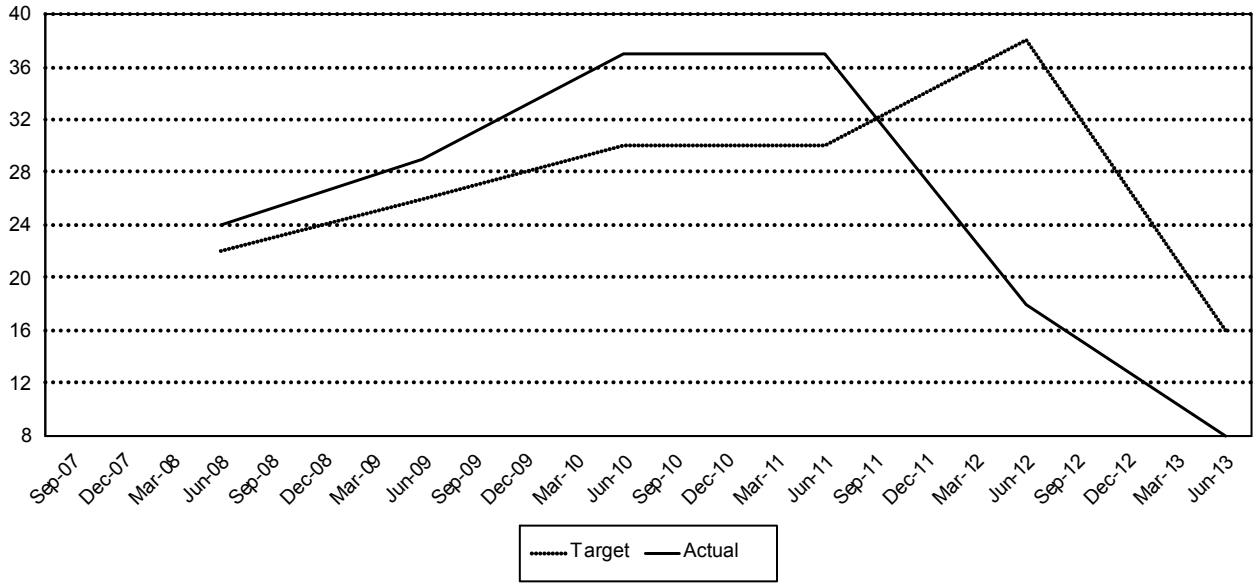
Inactive.

001462 - Number of Watershed Planning Units in Phase 4 - Plan Implementation.

Biennium	Period	Actual	Target
2011-13	Q8	8	16
2011-13	Q4	18	38
2009-11	Q8	37	30
2009-11	Q4	37	30
2007-09	Q8	29	26
2007-09	Q4	24	22

Date Measured: 6/30/2013
Comment: There will be no changes going forward. We are not able to provide as much financial support to watersheds with adopted plans as we've been able to in the past because of funding reductions.

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



001655 - Refer to Narrative Justification

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

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

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

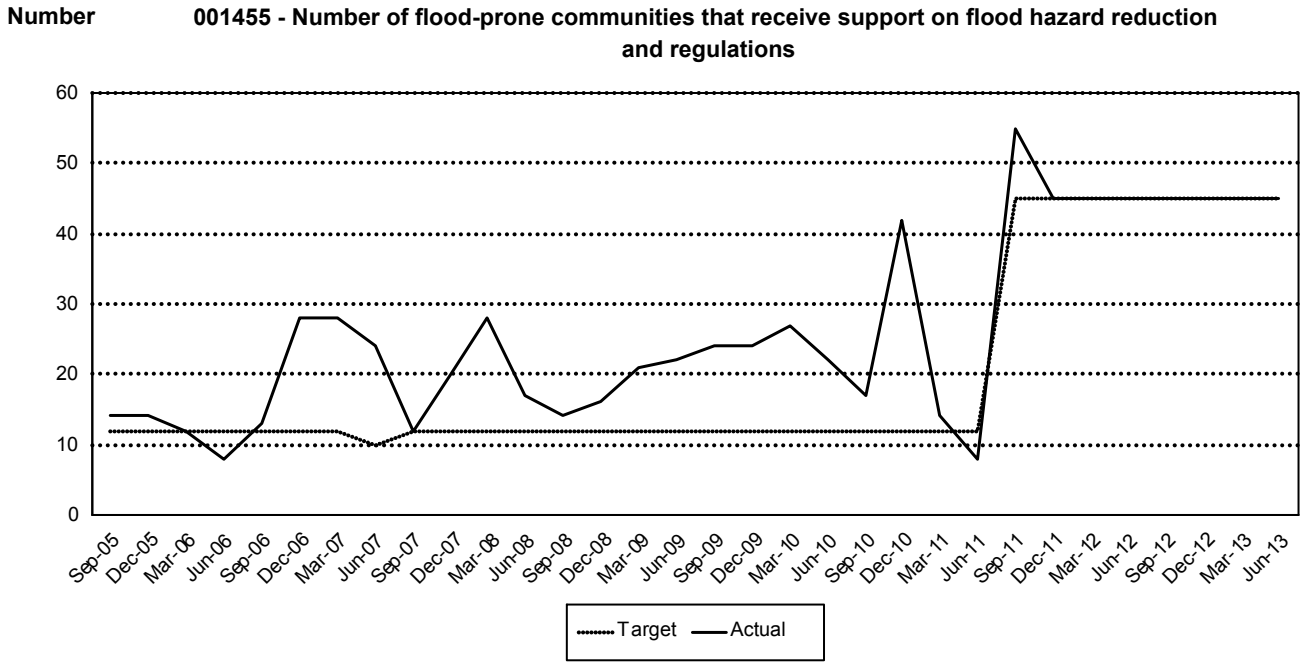
Expected Results

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

001455 - Number of flood-prone communities receiving direct support on regulatory issues, flood hazard reduction, and the protection of floodplain functions and values.			
Biennium	Period	Actual	Target
2011-13	Q8	45	45
2011-13	Q7	45	45
2011-13	Q6	45	45
2011-13	Q5	45	45
2011-13	Q4	45	45
2011-13	Q3	45	45
2011-13	Q2	45	45
2011-13	Q1	55	45
2009-11	Q8	8	12
2009-11	Q7	14	12
2009-11	Q6	42	12
2009-11	Q5	17	12
2009-11	Q4	22	12
2009-11	Q3	27	12
2009-11	Q2	24	12
2009-11	Q1	24	12
2007-09	Q8	22	12
2007-09	Q7	21	12
2007-09	Q6	16	12
2007-09	Q5	14	12
2007-09	Q4	17	12
2007-09	Q3	28	12
2007-09	Q2	20	12
2007-09	Q1	12	12

Date Measured: 9/30/2011

Comment: Our target number has increased because we are finally staffed up, and are working with more communities to implement the federal biological opinion, and the flood plain mapping.



001655 - Refer to Narrative Justification

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

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**

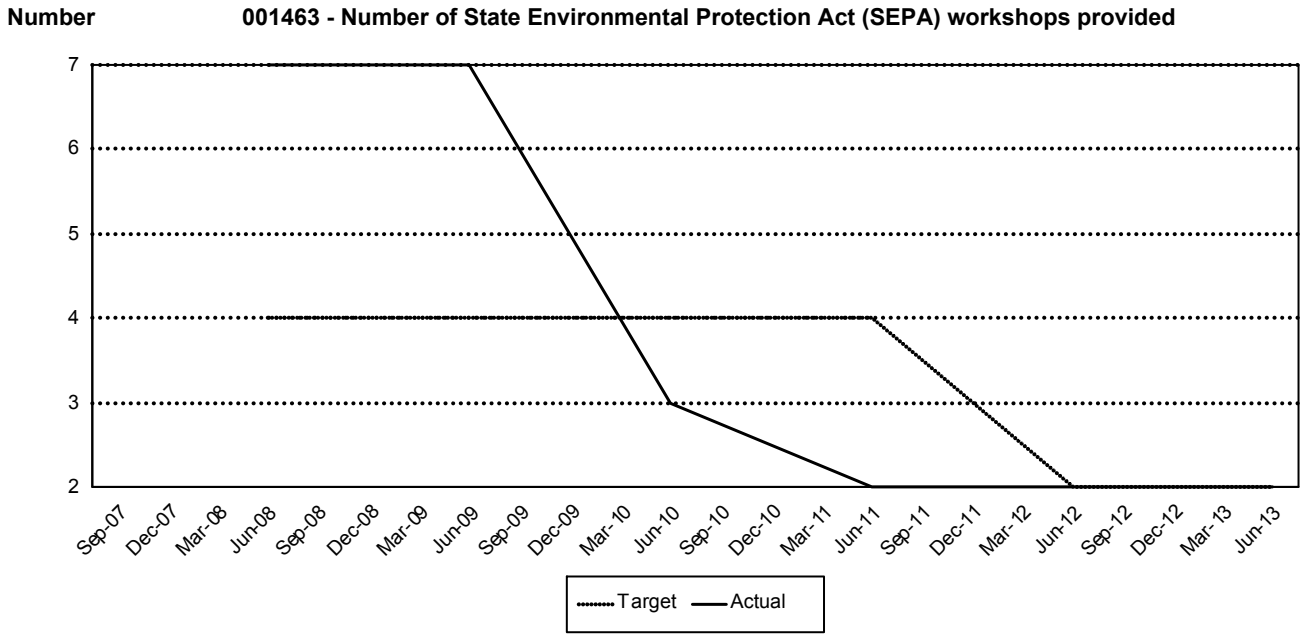
Expected Results

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.

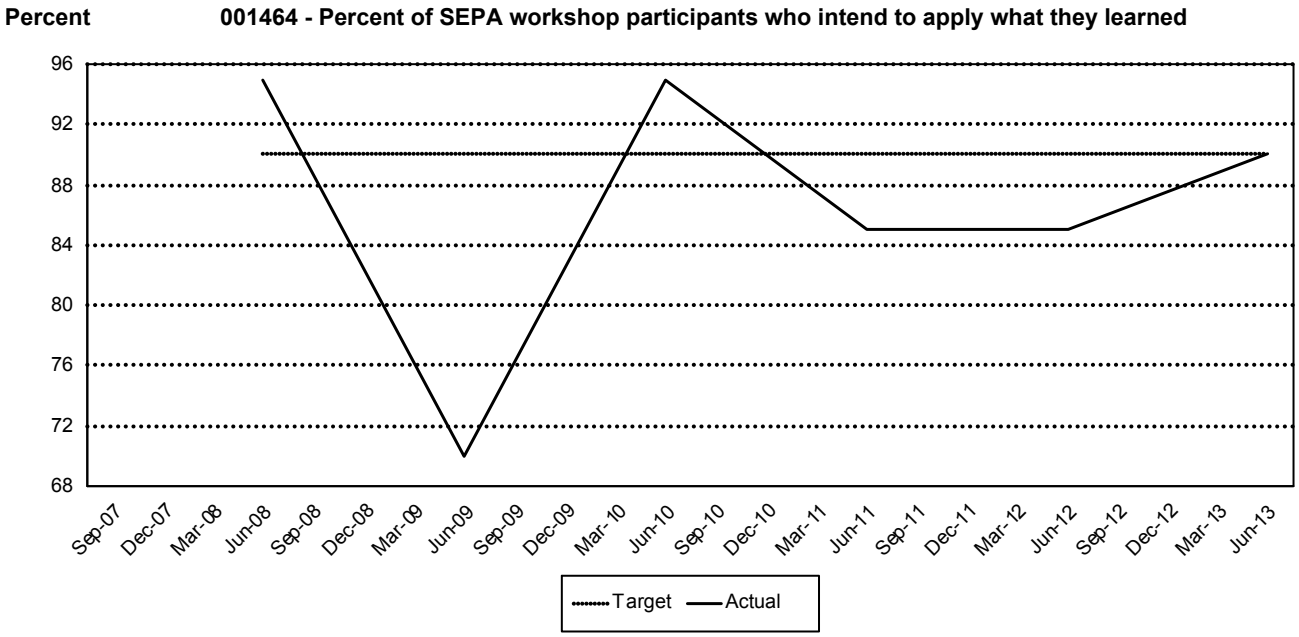
As of 9/3/2013

001463 - Number of State Environmental Policy Act workshops provided.			
Biennium	Period	Actual	Target
2011-13	Q8	2	2
2011-13	Q4	2	2
2009-11	Q8	2	4
2009-11	Q4	3	4
2007-09	Q8	7	4
2007-09	Q4	7	4

Date Measured: 6/30/2013
Comment: Target reduced due to staffing reductions



001464 - Percent of State Environmental Policy Act workshop participants who said they intend to apply what they learned in their work.			
Biennium	Period	Actual	Target
2011-13	Q8	90%	90%
2011-13	Q4	85%	90%
2009-11	Q8	85%	90%
2009-11	Q4	95%	90%
2007-09	Q8	70%	90%
2007-09	Q4	95%	90%



001655 - Refer to Narrative Justification

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

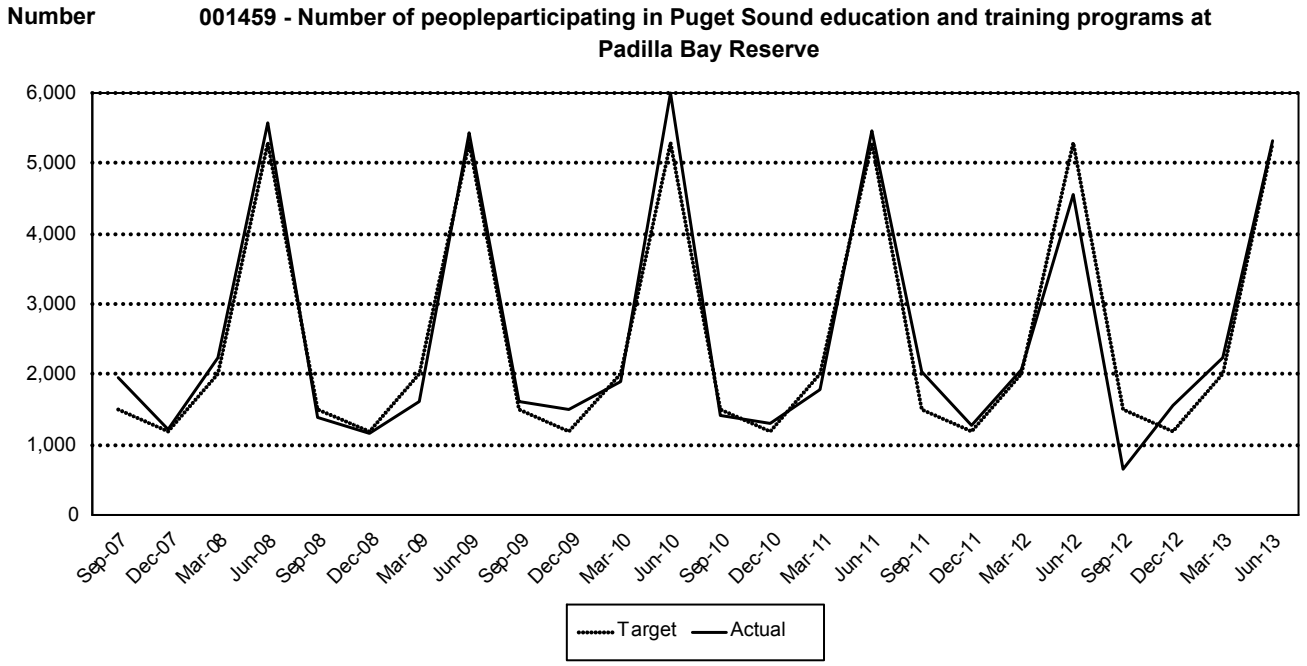
Statewide Result Area: Improve the quality of Washington's natural resources
Statewide Strategy: Improve individual practices and choices about natural resources

Expected Results

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

001459 - Number of teachers, students, adults, and professionals participating in Puget Sound education and training programs at the Padilla Bay Reserve.			
Biennium	Period	Actual	Target
2011-13	Q8	5,325	5,300
2011-13	Q7	2,241	2,000
2011-13	Q6	1,560	1,200
2011-13	Q5	637	1,500
2011-13	Q4	4,564	5,300
2011-13	Q3	2,075	2,000
2011-13	Q2	1,273	1,200
2011-13	Q1	2,028	1,500
2009-11	Q8	5,460	5,300
2009-11	Q7	1,796	2,000
2009-11	Q6	1,298	1,200
2009-11	Q5	1,401	1,500
2009-11	Q4	5,996	5,300
2009-11	Q3	1,886	2,000
2009-11	Q2	1,493	1,200
2009-11	Q1	1,611	1,500
2007-09	Q8	5,435	5,300
2007-09	Q7	1,617	2,000
2007-09	Q6	1,173	1,200
2007-09	Q5	1,380	1,500
2007-09	Q4	5,590	5,300
2007-09	Q3	2,223	2,000
2007-09	Q2	1,221	1,200
2007-09	Q1	1,943	1,500

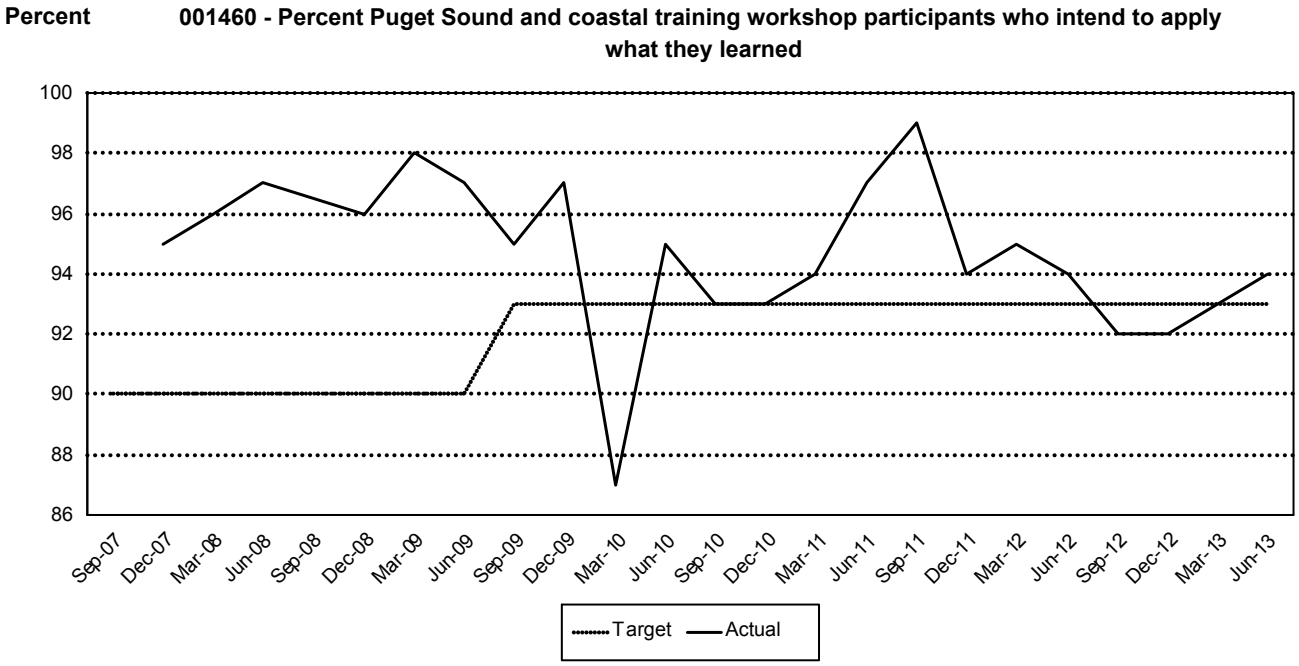
As of 9/3/2013


Number
001459 - Number of peopleparticipating in Puget Sound education and training programs at Padilla Bay Reserve
6,000
5,000
4,000
3,000
2,000
1,000
0
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

As of 9/3/2013

001460 - Percent of Puget Sound and coastal training workshop participants who said they intend to apply what they learned in their work.			
Biennium	Period	Actual	Target
2011-13	Q8	94%	93%
2011-13	Q7	93%	93%
2011-13	Q6	92%	93%
2011-13	Q5	92%	93%
2011-13	Q4	94%	93%
2011-13	Q3	95%	93%
2011-13	Q2	94%	93%
2011-13	Q1	99%	93%
2009-11	Q8	97%	93%
2009-11	Q7	94%	93%
2009-11	Q6	93%	93%
2009-11	Q5	93%	93%
2009-11	Q4	95%	93%
2009-11	Q3	87%	93%
2009-11	Q2	97%	93%
2009-11	Q1	95%	93%
2007-09	Q8	97%	90%
2007-09	Q7	98%	90%
2007-09	Q6	96%	90%
2007-09	Q5		90%
2007-09	Q4	97%	90%
2007-09	Q3	96%	90%
2007-09	Q2	95%	90%
2007-09	Q1		90%

Date Measured: 9/30/2008
Comment: No workshops this quarter



001655 - Refer to Narrative Justification

A043 Provide Water Quality Financial Assistance

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

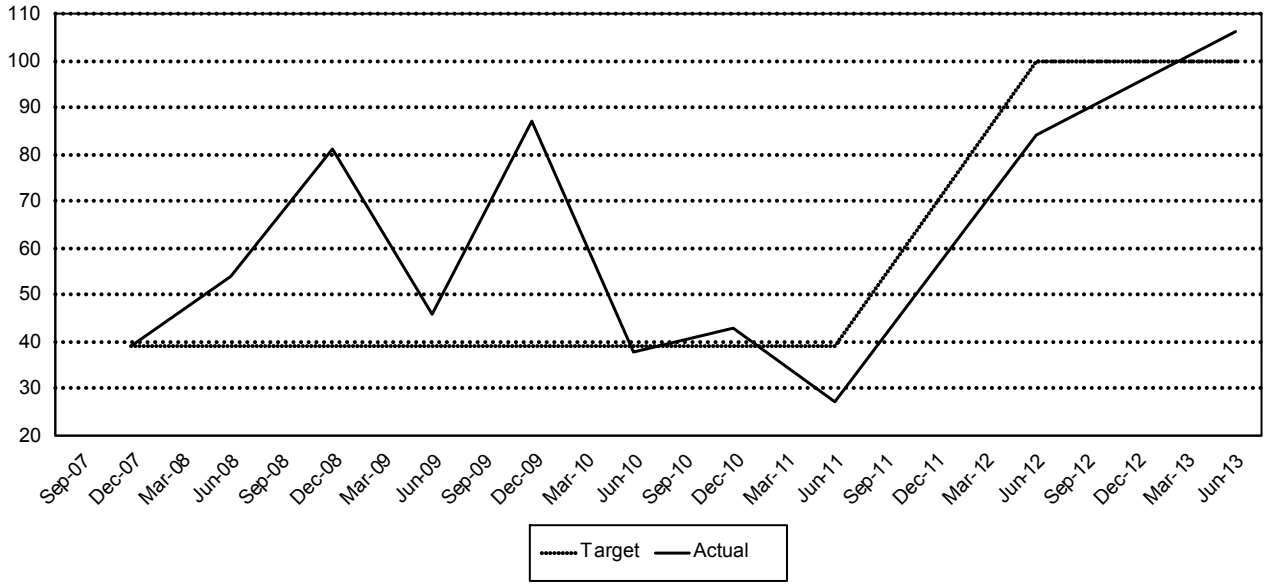
Expected Results

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-ging 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.

001564 - Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.			
Biennium	Period	Actual	Target
2011-13	Q8	106	100
2011-13	Q4	84	100
2009-11	Q8	27	39
2009-11	Q6	43	39
2009-11	Q4	38	39
2009-11	Q2	87	39
2007-09	Q8	46	39
2007-09	Q6	81	39
2007-09	Q4	54	39
2007-09	Q2	39	39

Date Measured: 6/30/2013
Comment: 55 repairs in Hood Canal counties (Mason, Kitsap, Jefferson); 51 repairs in the rest of the Puget Sound Region

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



001655 - Refer to Narrative Justification

A044 Provide Water Resources Data and Information

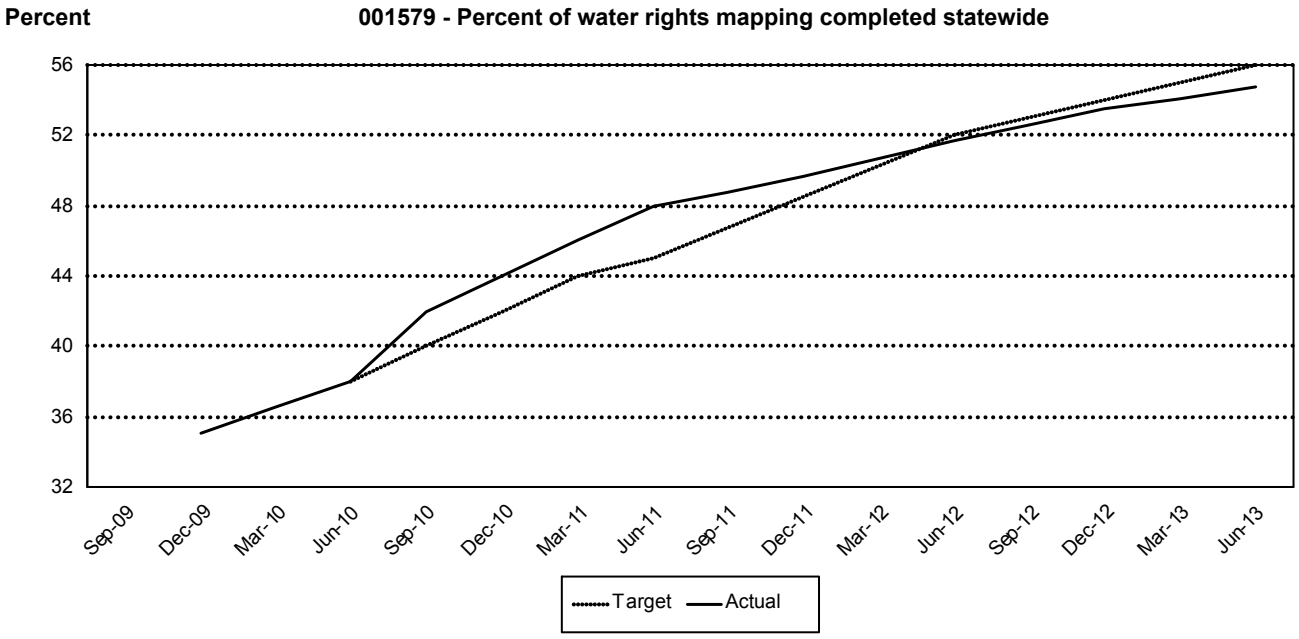
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Provide good science and natural resource monitoring data to support decision-making**

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	54.75%	56%
2011-13	Q7	54.1%	
2011-13	Q6	53.46%	
2011-13	Q5	52.64%	
2011-13	Q4	51.7%	52%
2011-13	Q3	50.7%	
2011-13	Q2	49.7%	
2011-13	Q1	48.7%	
2009-11	Q8	48%	45%
2009-11	Q7	46%	44%
2009-11	Q6	44%	42%
2009-11	Q5	42%	40%
2009-11	Q4	38%	38%
2009-11	Q3	36.5%	
2009-11	Q2	35%	



001655 - Refer to Narrative Justification

A045 Reduce Air Pollution from Industrial and Commercial Sources

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

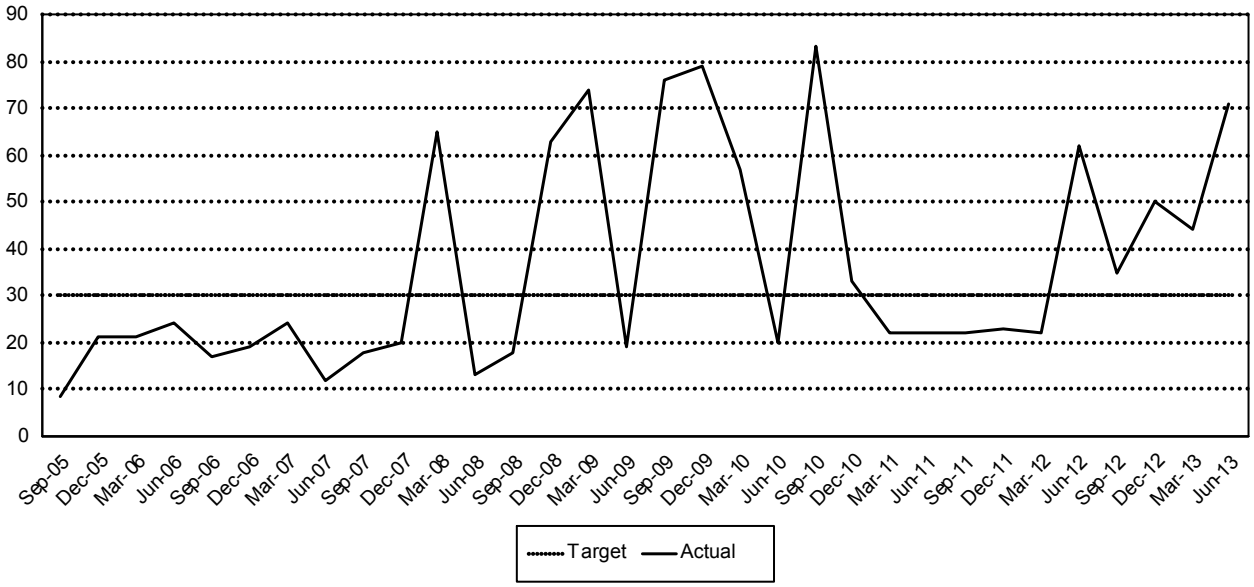
Expected Results

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.

000994 - Average Notice of Construction permit processing time (days).			
Biennium	Period	Actual	Target
2011-13	Q8	71	30
2011-13	Q7	44	30
2011-13	Q6	50	30
2011-13	Q5	35	30
2011-13	Q4	62	30
2011-13	Q3	22	30
2011-13	Q2	23	30
2011-13	Q1	22	30
2009-11	Q8	22	30
2009-11	Q7	22	30
2009-11	Q6	33	30
2009-11	Q5	83	30
2009-11	Q4	20	30
2009-11	Q3	57	30
2009-11	Q2	79	30
2009-11	Q1	76	30
2007-09	Q8	19	30
2007-09	Q7	74	30
2007-09	Q6	63	30
2007-09	Q5	18	30
2007-09	Q4	13	30
2007-09	Q3	65	30
2007-09	Q2	20	30
2007-09	Q1	18	30

Date Measured: 6/30/2013
Comment: Nine permits finalized during the period exceeded the 30-day target.

Number **000994 - Average number of days it takes to process Notice of Construction permit applications**



001655 - Refer to Narrative Justification

A047 Reduce Health and Environmental Threats from Motor Vehicle Emissions

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

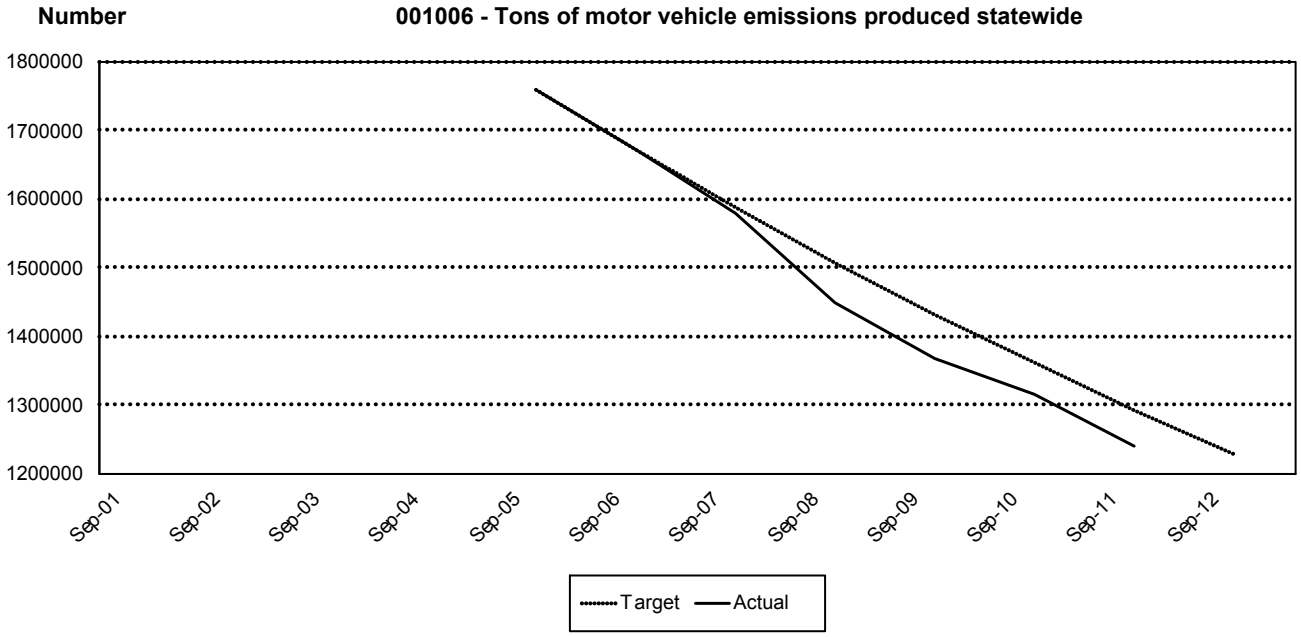
Expected Results

Air pollution emissions from motor vehicles are reduced. Pollution from 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.

As of 9/3/2013

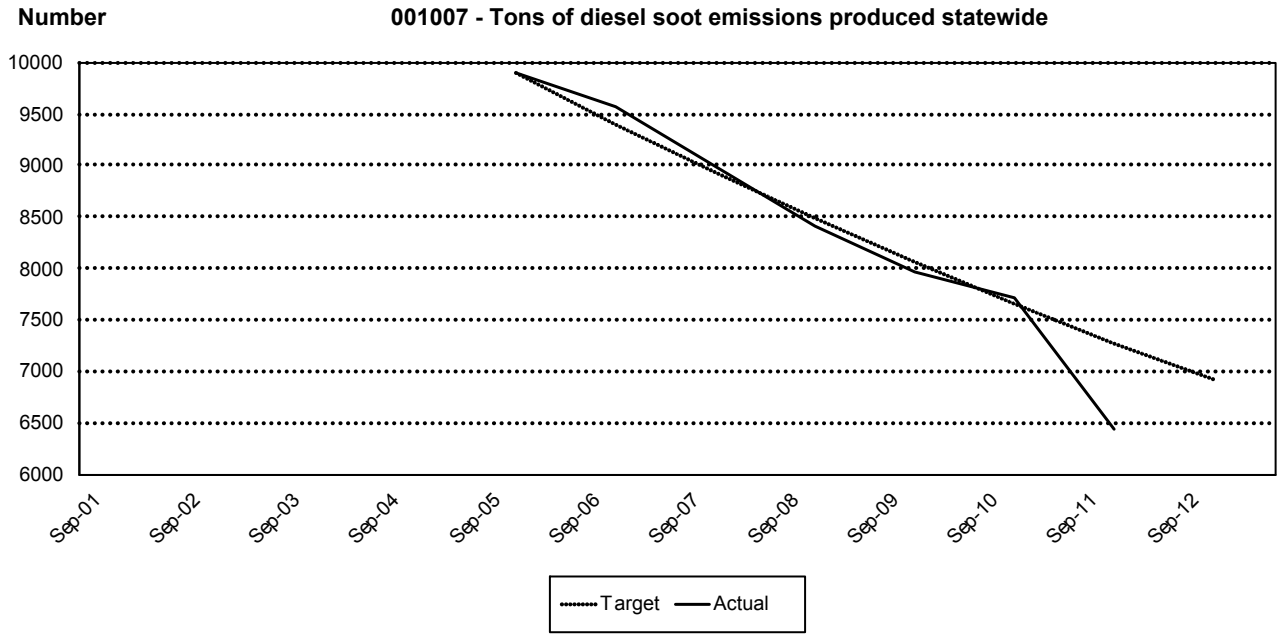
001006 - Tons of motor vehicle emissions produced statewide.			
Biennium	Period	Actual	Target
2011-13	A2		1,227,844
2011-13	A1	1,239,411	1,292,467
2009-11	A2	1,315,107	1,360,491
2009-11	A1	1,368,085	1,432,096
2007-09	A2	1,448,397	1,507,469
2007-09	A1	1,577,733	1,586,810

Date Measured: 12/31/2012
Comment: US EPA has changed the model states use to calculate motor vehicle emissions information. The new model results in more accurate emissions data from mobile sources. Ecology has updated performance information for 2005-2011.



001007 - Tons of diesel soot emissions produced statewide.			
Biennium	Period	Actual	Target
2011-13	A2		6,910
2011-13	A1	6,444	7,274
2009-11	A2	7,710	7,657
2009-11	A1	7,967	8,060
2007-09	A2	8,400	8,484
2007-09	A1	8,992	8,931

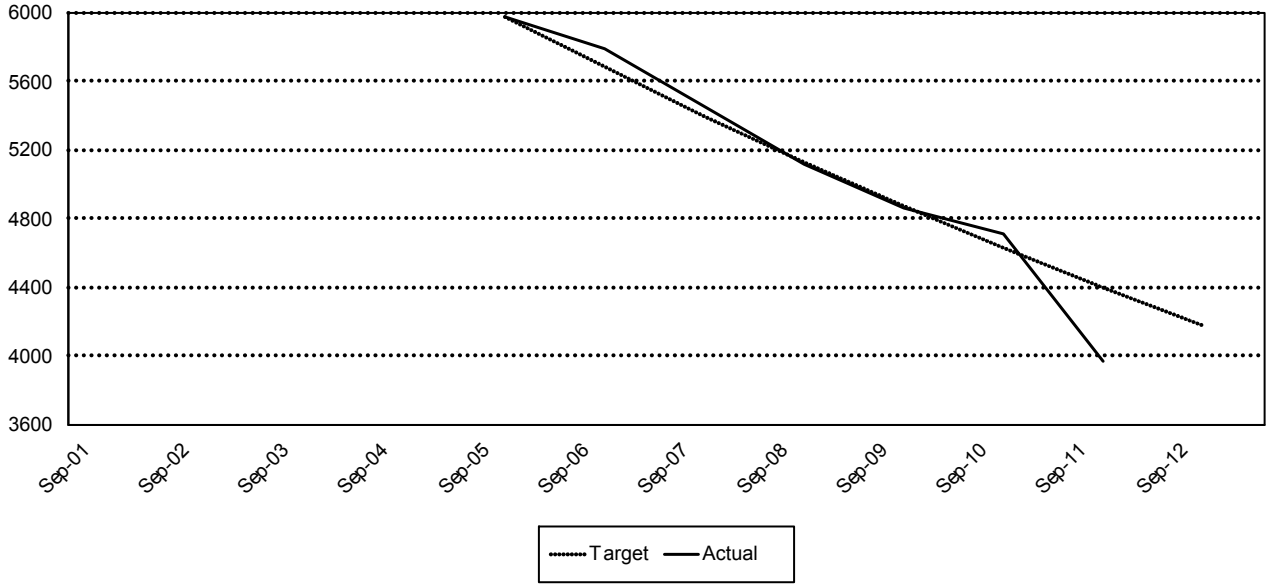
Date Measured: 12/31/2010
Comment: Data compiled for Calendar Year 2010



001008 - Tons of diesel soot emissions produced in counties contiguous to Puget Sound.			
Biennium	Period	Actual	Target
2011-13	A2		4,174
2011-13	A1	3,961	4,394
2009-11	A2	4,710	4,625
2009-11	A1	4,854	4,868
2007-09	A2	5,109	5,124
2007-09	A1	5,455	5,394

Date Measured: 12/31/2012
Comment: US EPA has changed the model states use to calculate motor vehicle emissions information. The new model will result in more accurate emissions data. Ecology will provide updated performance information later in 2013.

Number **001008 - Tons of diesel soot emissions produced in counties contiguous to Puget Sound**



001655 - Refer to Narrative Justification

A048 Reduce Health and Environmental Threats from Smoke

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

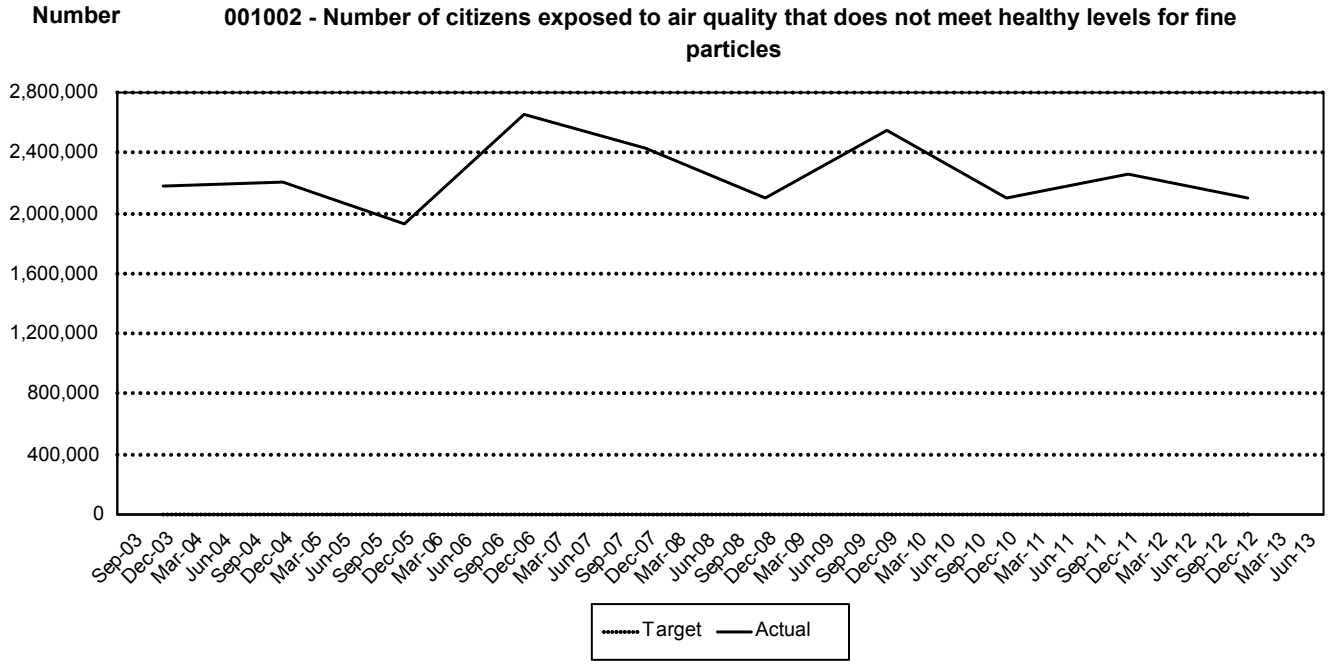
Expected Results

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 strin¬gent certifications for wood burning devices.

001002 - Number of citizens exposed to air quality that does not meet "healthy" levels for fine particle pollution.

Biennium	Period	Actual	Target
2011-13	A2	2,100,000	0
2011-13	A1	2,259,000	0
2009-11	A2	2,100,000	0
2009-11	A1	2,550,000	0
2007-09	A2	2,100,000	0
2007-09	A1	2,430,000	0

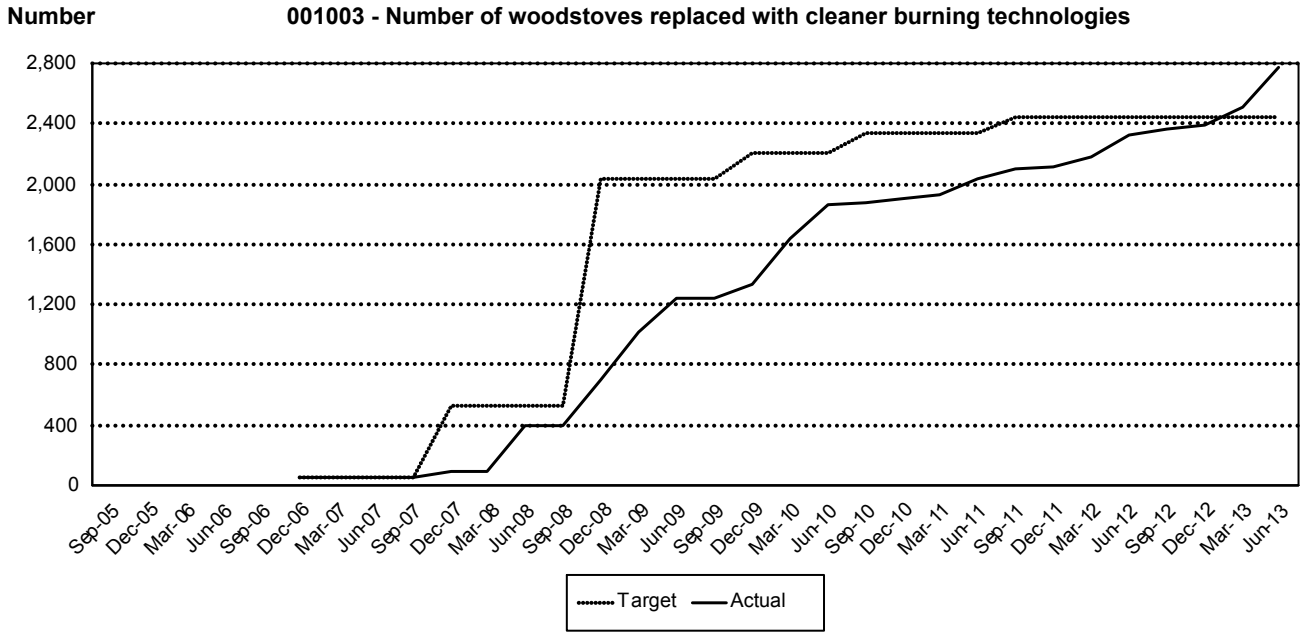
Date Measured: 12/31/2012
Comment: Data compiled for Calendar Year 2012



001003 - Number of woodstoves replaced with cleaner burning technologies, including change-outs to certified woodstoves, pellet stoves, or cleaner alternative-fuel appliances such as electricity or natural gas.			
Biennium	Period	Actual	Target
2011-13	Q8	2,777	2,450
2011-13	Q7	2,514	2,450
2011-13	Q6	2,386	2,450
2011-13	Q5	2,362	2,450
2011-13	Q4	2,321	2,450
2011-13	Q3	2,178	2,450
2011-13	Q2	2,114	2,450
2011-13	Q1	2,097	2,450
2009-11	Q8	2,033	2,332
2009-11	Q7	1,927	2,332
2009-11	Q6	1,898	2,332
2009-11	Q5	1,879	2,332
2009-11	Q4	1,858	2,212
2009-11	Q3	1,634	2,212
2009-11	Q2	1,329	2,212
2009-11	Q1	1,236	2,032
2007-09	Q8	1,236	2,032
2007-09	Q7	1,011	2,032
2007-09	Q6	705	2,032
2007-09	Q5	392	532
2007-09	Q4	392	532
2007-09	Q3	91	532
2007-09	Q2	91	532
2007-09	Q1	54	50

Date Measured: 6/30/2013
Comment: Quarter 8 data incomplete and subject to change in future reports.

As of 9/3/2013


Number
001003 - Number of woodstoves replaced with cleaner burning technologies
2,800
2,400
2,000
1,600
1,200
800
400
0
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
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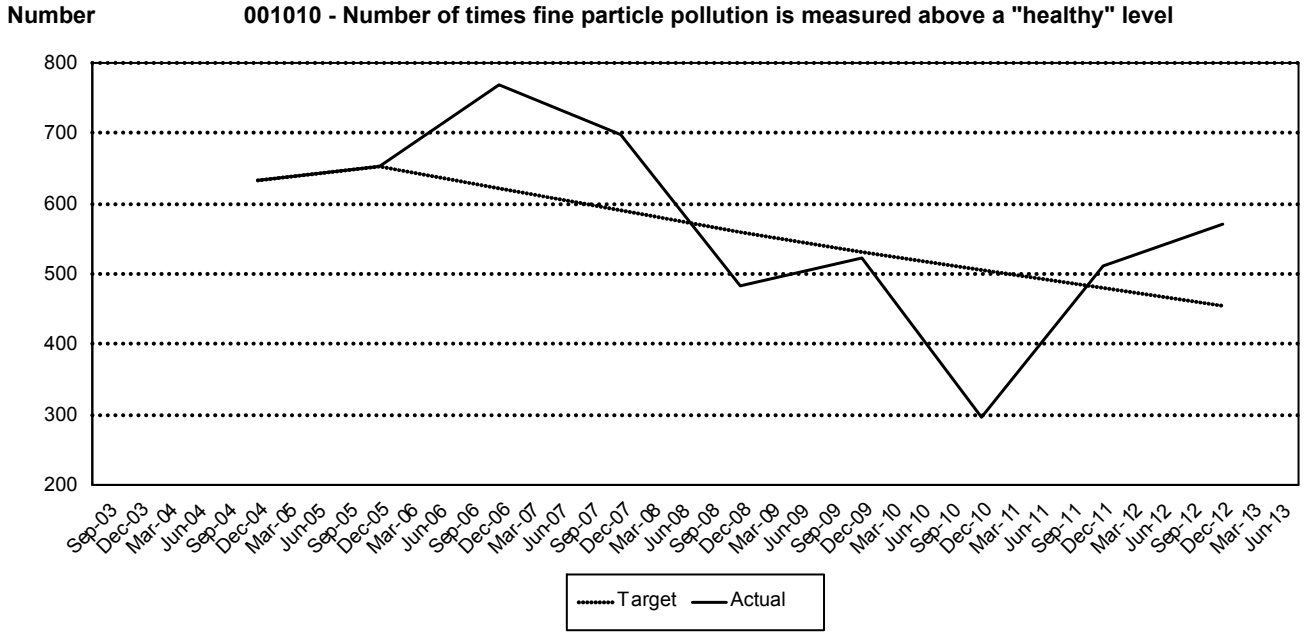
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Target
Actual

001010 - Number of times fine particle pollution is measured above a "healthy" level.			
Biennium	Period	Actual	Target
2011-13	A2	572	456
2011-13	A1	512	480
2009-11	A2	296	505
2009-11	A1	522	532
2007-09	A2	482	560
2007-09	A1	699	590

Date Measured: 12/31/2012
Comment: A number of Washington communities were impacted by wildfire smoke for extended periods during the summer of 2012.



001655 - Refer to Narrative Justification

A049 Reduce Nonpoint-Source Water Pollution

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

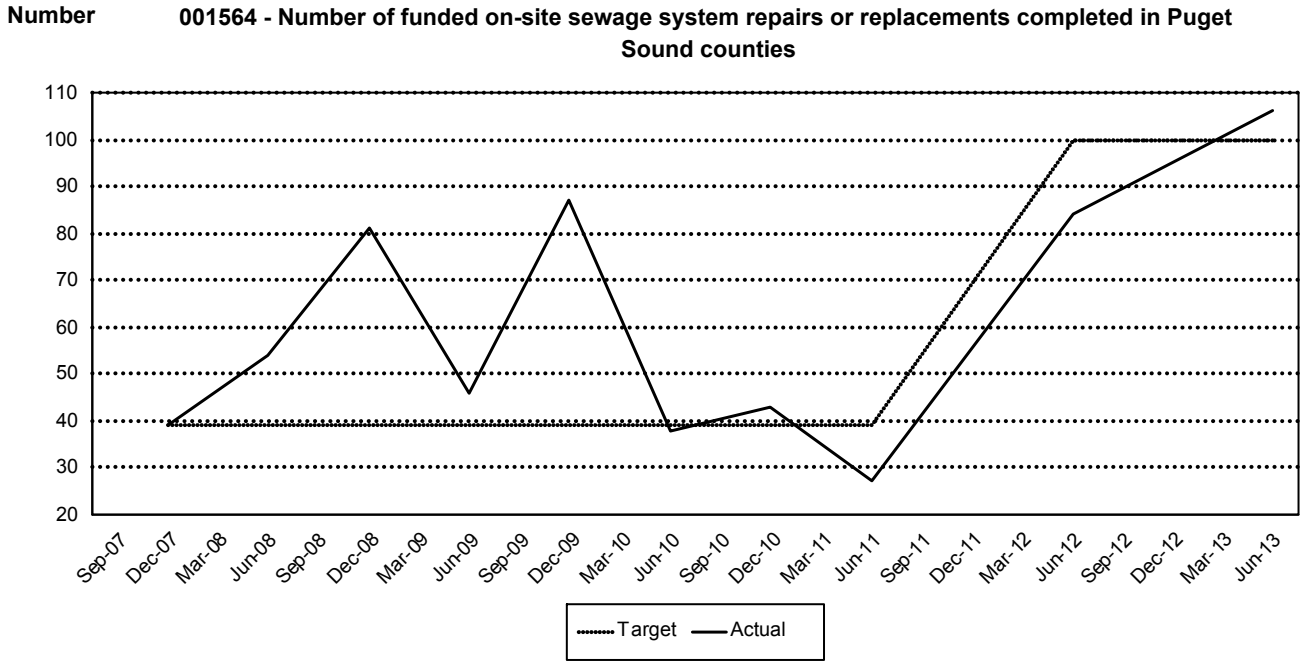
Expected Results

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

001564 - Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.

Biennium	Period	Actual	Target
2011-13	Q8	106	100
2011-13	Q4	84	100
2009-11	Q8	27	39
2009-11	Q6	43	39
2009-11	Q4	38	39
2009-11	Q2	87	39
2007-09	Q8	46	39
2007-09	Q6	81	39
2007-09	Q4	54	39
2007-09	Q2	39	39

Date Measured: 6/30/2013
Comment: 55 repairs in Hood Canal counties (Mason, Kitsap, Jefferson); 51 repairs in the rest of the Puget Sound Region



001655 - Refer to Narrative Justification

A050 Reduce Persistent Bioaccumulative Toxins (PBTs) in the Environment

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

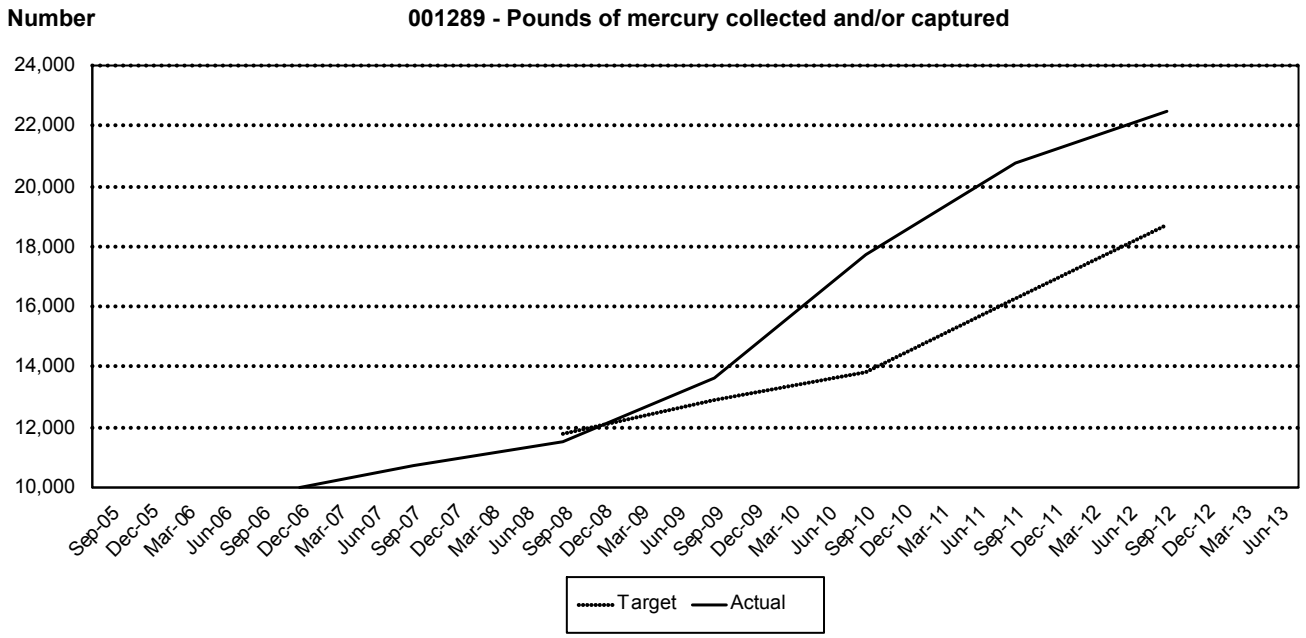
Expected Results

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 immplement the Lead Chemical Action Plan. Ecology will collect data for a chemical action plan for poly-aromatic hydrocarbons.

001289 - Cumulative pounds of mercury collected and/or captured while implementing Ecology's mercury chemical action plan (measured once annually).

Biennium	Period	Actual	Target
2011-13	Q5	22,454	18,700
2011-13	Q1	20,736	16,300
2009-11	Q5	17,744	13,800
2009-11	Q1	13,640	12,900
2007-09	Q5	11,500	11,800
2007-09	Q1	10,700	

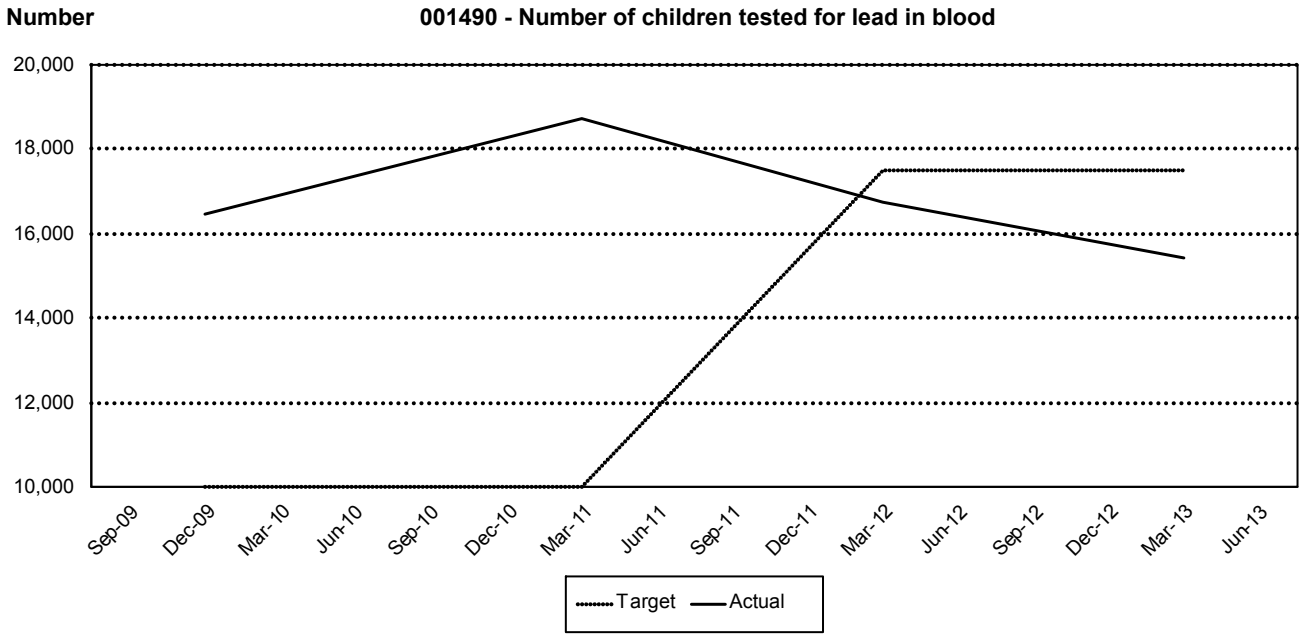
Date Measured: 9/30/2011
Comment: Actual based on collection efforts through 12/31/10. Targets revised/increased to better reflect actual recent collection/capture amounts.



As of 9/3/2013

001490 - Number of children tested for lead in blood. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	15,421	17,500
2011-13	Q3	16,762	17,500
2009-11	Q7	18,719	10,000
2009-11	Q2	16,451	10,000

Date Measured: 12/31/2009
Comment: Revised from estimate of 16,221. Final numbers are not know until the following quarter. Changed reporting quarter for Q7.

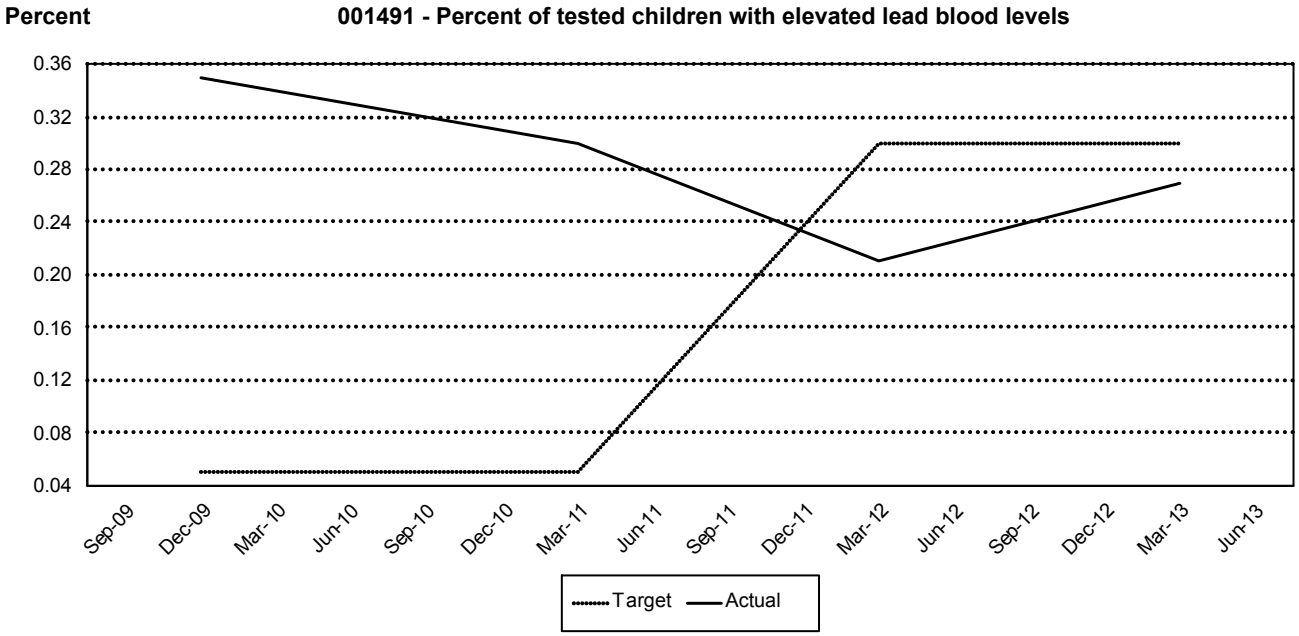


As of 9/3/2013

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	Q7	0.27%	0.3%
2011-13	Q3	0.21%	0.3%
2009-11	Q7	0.3%	0.05%
2009-11	Q2	0.35%	0.05%

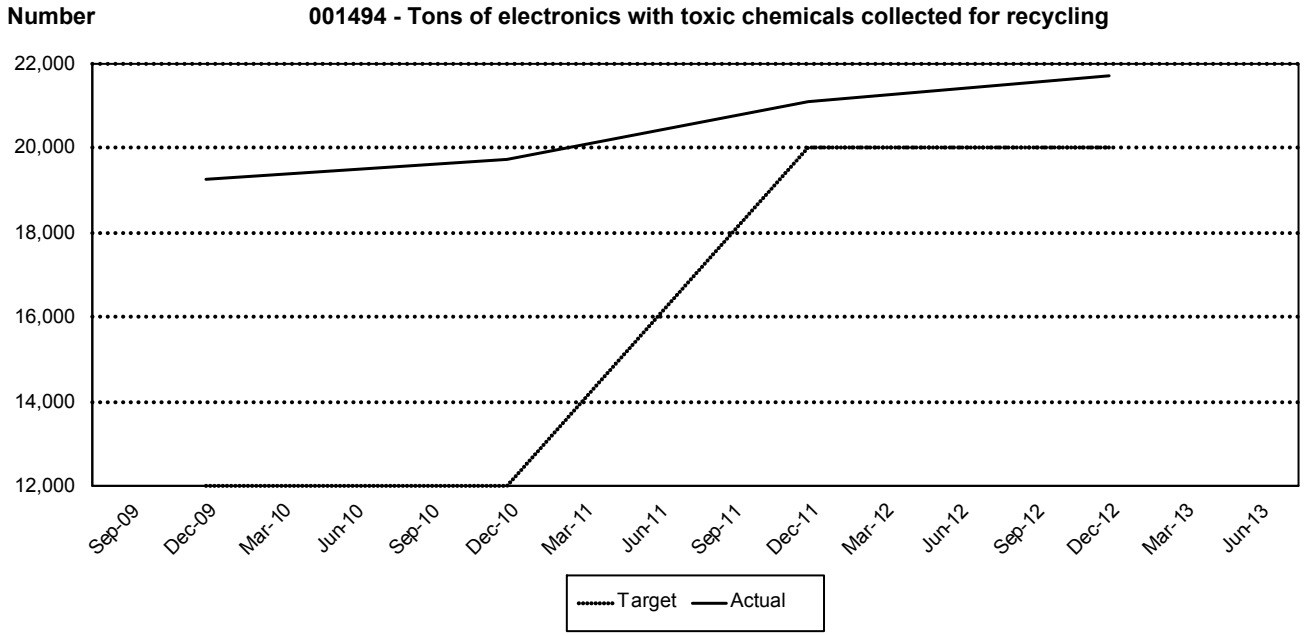
Date Measured: 3/31/2011
Comment: .05% above 10 ug/dL for estimate



As of 9/3/2013

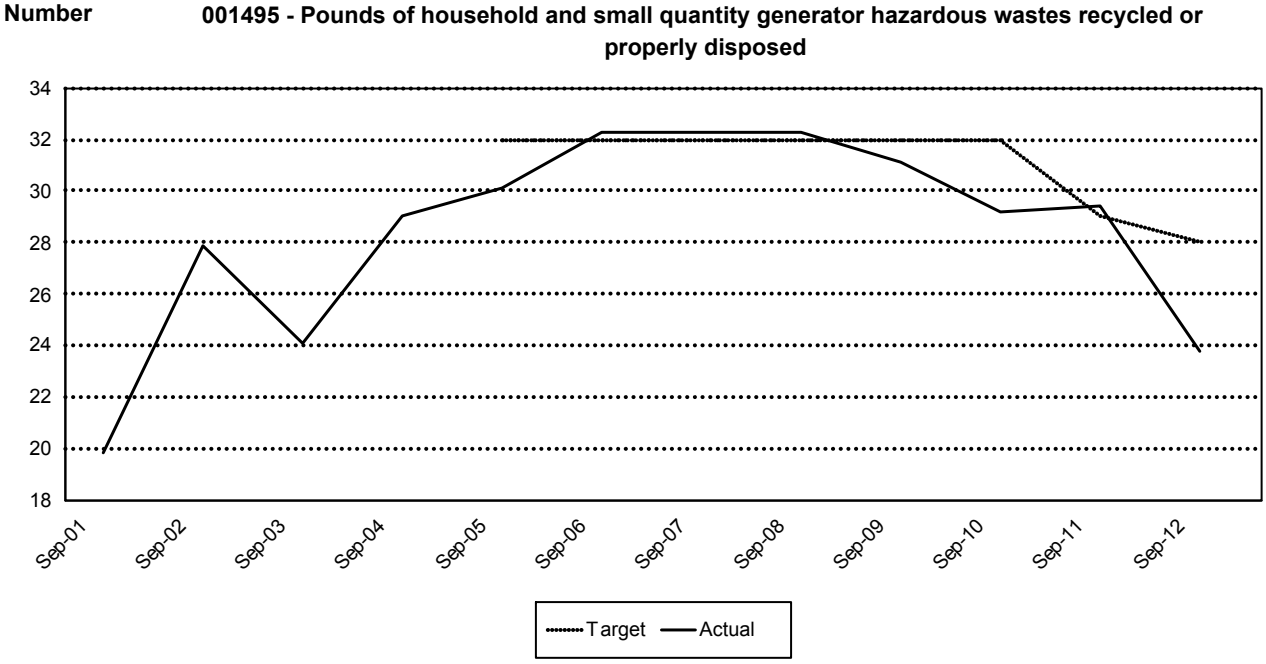
001494 - Tons of electronics with toxic chemicals collected for recycling.			
Biennium	Period	Actual	Target
2011-13	Q6	21,737	20,000
2011-13	Q2	21,096	20,000
2009-11	Q6	19,734	12,000
2009-11	Q2	19,274	12,000

Date Measured: 12/31/2011
Comment: For calendar year 2011.



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	Q6	23.8	28
2011-13	Q2	29.4	29
2009-11	Q6	29.2	32
2009-11	Q2	31.1	32
2007-09	Q6	32.3	32
2007-09	Q2	32.3	32

Date Measured: 12/31/2012
Comment: A database error was discoverd which had over-calulated the totals.



001655 - Refer to Narrative Justification

A051 Reduce Risk from Toxic Air Pollutants

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

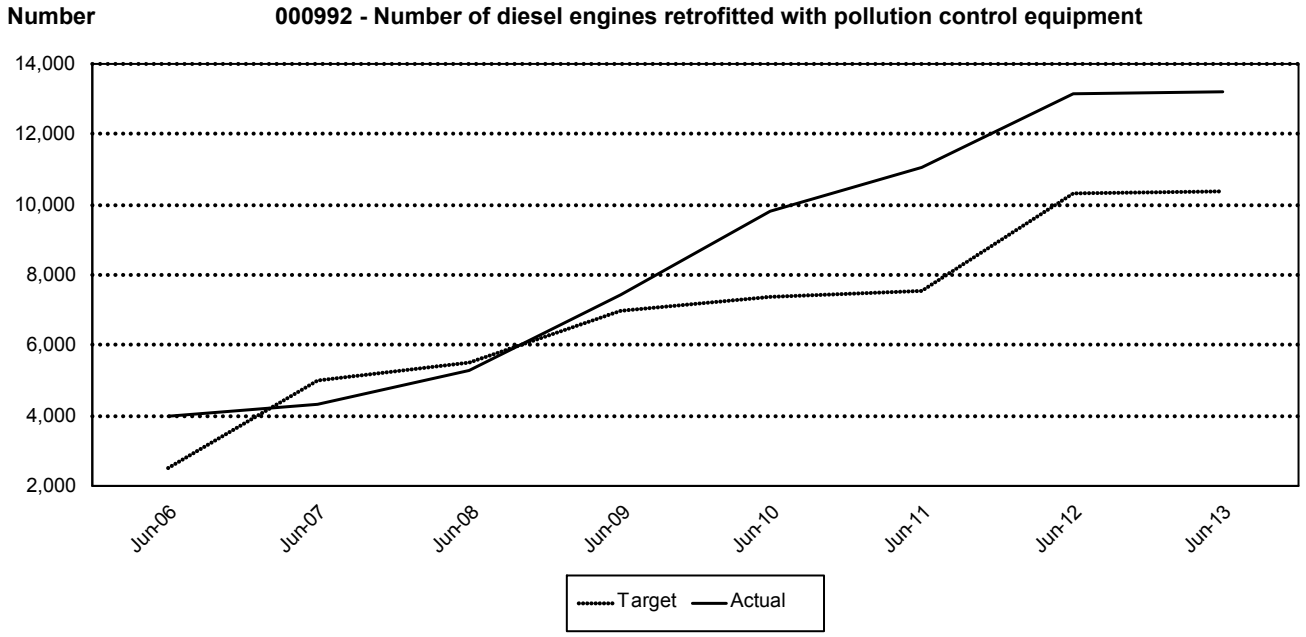
Expected Results

The public health threat from toxic air pollutants is minimized. Diesel soot emissions are reduced 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.

000992 - Number of diesel engines (school buses and public and private sector equipment) retrofitted with pollution control equipment to reduce troxic diesel emissions.

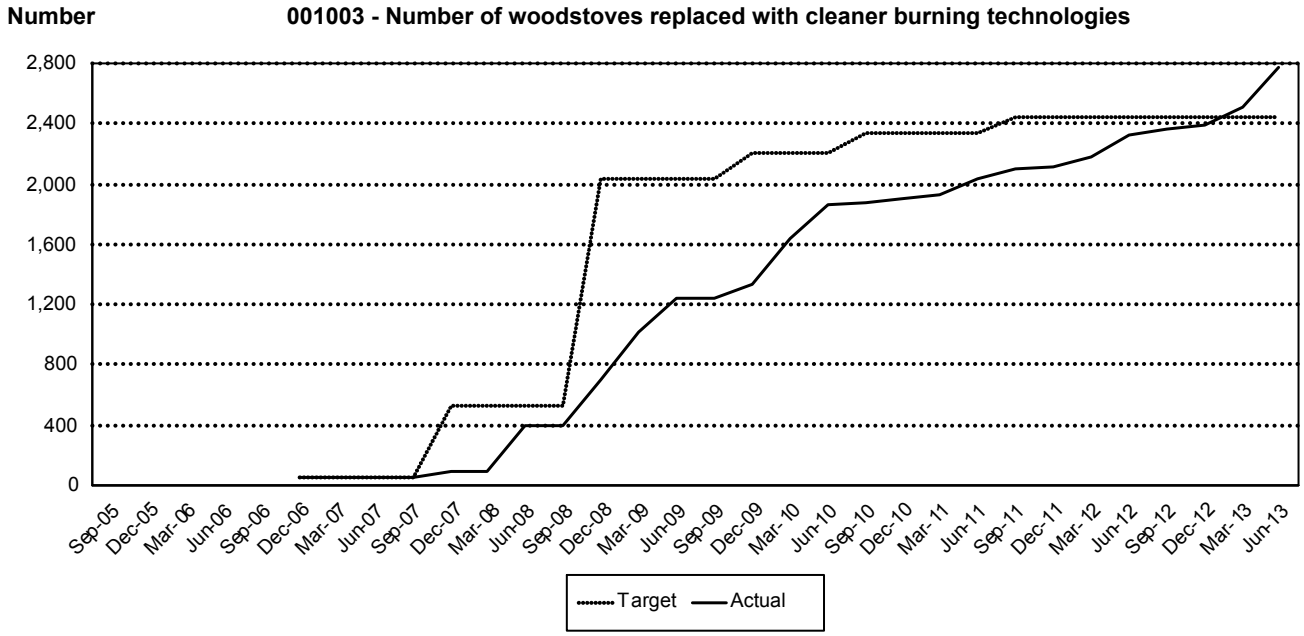
Biennium	Period	Actual	Target
2011-13	A2	13,208	10,400
2011-13	A1	13,165	10,300
2009-11	A2	11,054	7,550
2009-11	A1	9,788	7,400
2007-09	A2	7,447	7,000
2007-09	A1	5,307	5,500

Date Measured: 6/30/2013
Comment: Progress slowed substantially due to contracting difficulties. The rate of installations is expected to increase again in 2013.



001003 - Number of woodstoves replaced with cleaner burning technologies, including change-outs to certified woodstoves, pellet stoves, or cleaner alternative-fuel appliances such as electricity or natural gas.			
Biennium	Period	Actual	Target
2011-13	Q8	2,777	2,450
2011-13	Q7	2,514	2,450
2011-13	Q6	2,386	2,450
2011-13	Q5	2,362	2,450
2011-13	Q4	2,321	2,450
2011-13	Q3	2,178	2,450
2011-13	Q2	2,114	2,450
2011-13	Q1	2,097	2,450
2009-11	Q8	2,033	2,332
2009-11	Q7	1,927	2,332
2009-11	Q6	1,898	2,332
2009-11	Q5	1,879	2,332
2009-11	Q4	1,858	2,212
2009-11	Q3	1,634	2,212
2009-11	Q2	1,329	2,212
2009-11	Q1	1,236	2,032
2007-09	Q8	1,236	2,032
2007-09	Q7	1,011	2,032
2007-09	Q6	705	2,032
2007-09	Q5	392	532
2007-09	Q4	392	532
2007-09	Q3	91	532
2007-09	Q2	91	532
2007-09	Q1	54	50

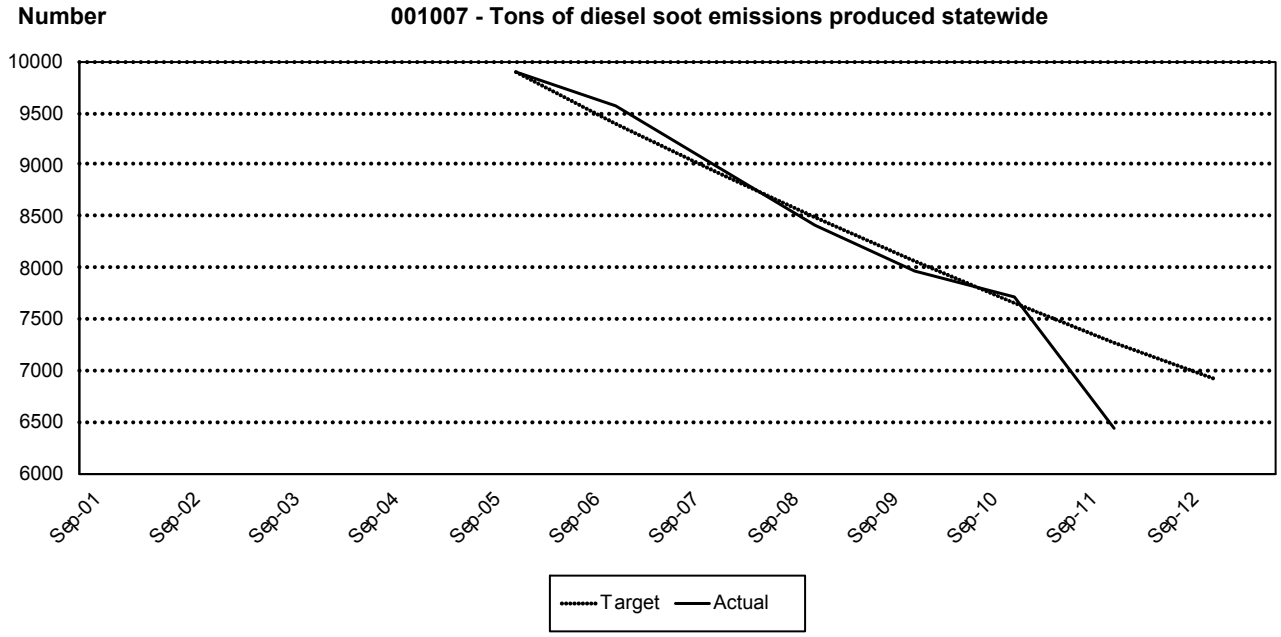
Date Measured: 6/30/2013
Comment: Quarter 8 data incomplete and subject to change in future reports.



001007 - Tons of diesel soot emissions produced statewide.

Biennium	Period	Actual	Target
2011-13	A2		6,910
2011-13	A1	6,444	7,274
2009-11	A2	7,710	7,657
2009-11	A1	7,967	8,060
2007-09	A2	8,400	8,484
2007-09	A1	8,992	8,931

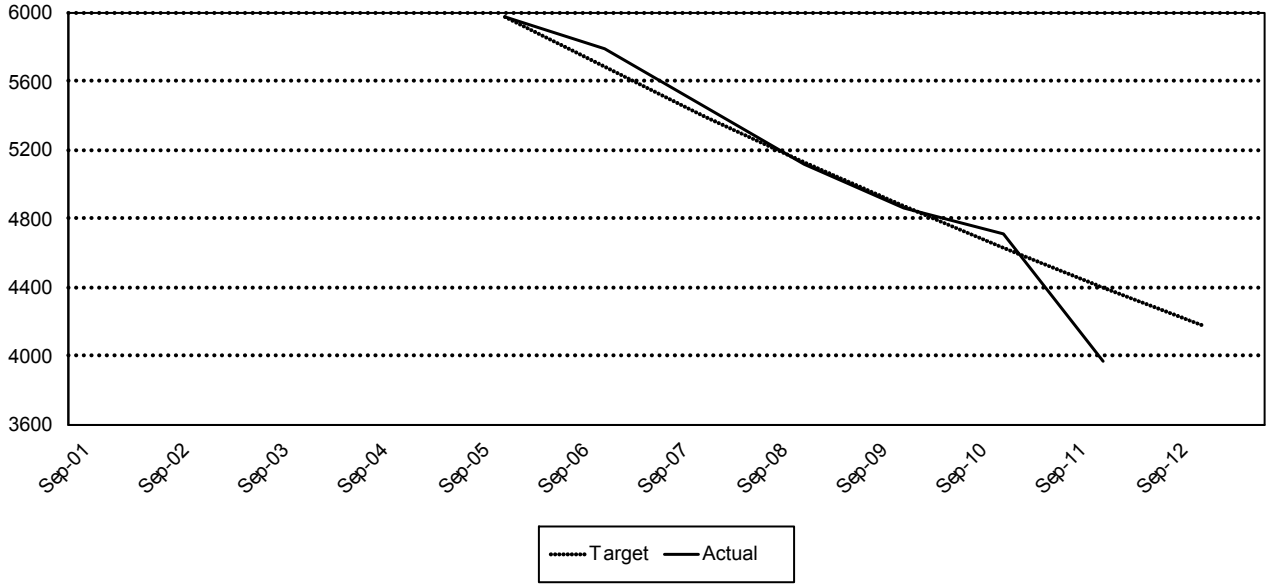
Date Measured: 12/31/2010
Comment: Data compiled for Calendar Year 2010



001008 - Tons of diesel soot emissions produced in counties contiguous to Puget Sound.			
Biennium	Period	Actual	Target
2011-13	A2		4,174
2011-13	A1	3,961	4,394
2009-11	A2	4,710	4,625
2009-11	A1	4,854	4,868
2007-09	A2	5,109	5,124
2007-09	A1	5,455	5,394

Date Measured: 12/31/2012
Comment: US EPA has changed the model states use to calculate motor vehicle emissions information. The new model will result in more accurate emissions data. Ecology will provide updated performance information later in 2013.

Number **001008 - Tons of diesel soot emissions produced in counties contiguous to Puget Sound**



001655 - Refer to Narrative Justification

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

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

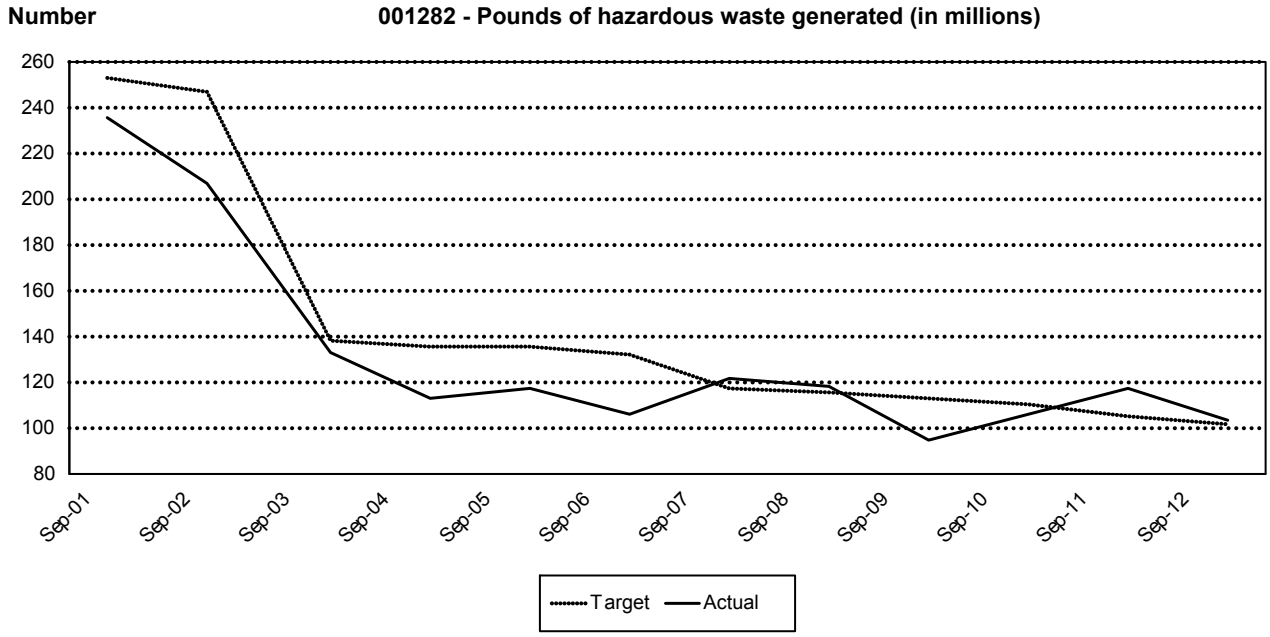
Expected Results

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).

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

Biennium	Period	Actual	Target
2011-13	Q7	102.9	101
2011-13	Q3	116.6	105
2009-11	Q7	105.77	110.4
2009-11	Q3	94.25	112.7
2007-09	Q7	117.46	115
2007-09	Q3	121.6	117

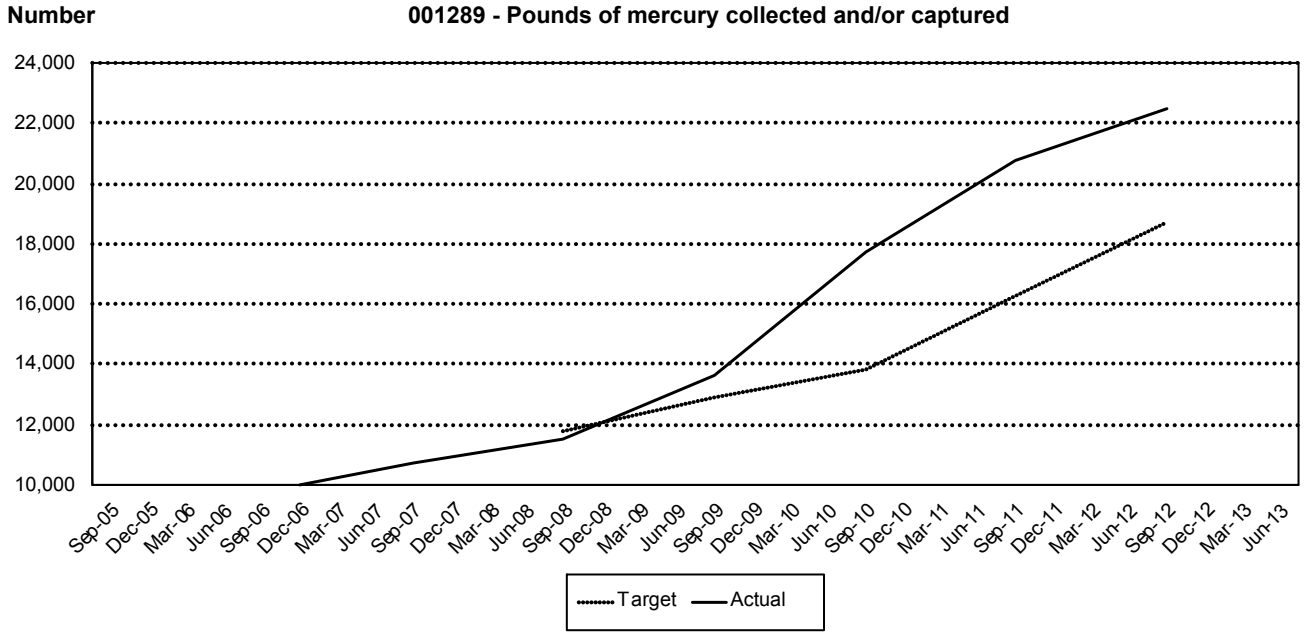
Date Measured: 3/31/2009
Comment: This is the data for 2007



As of 9/3/2013

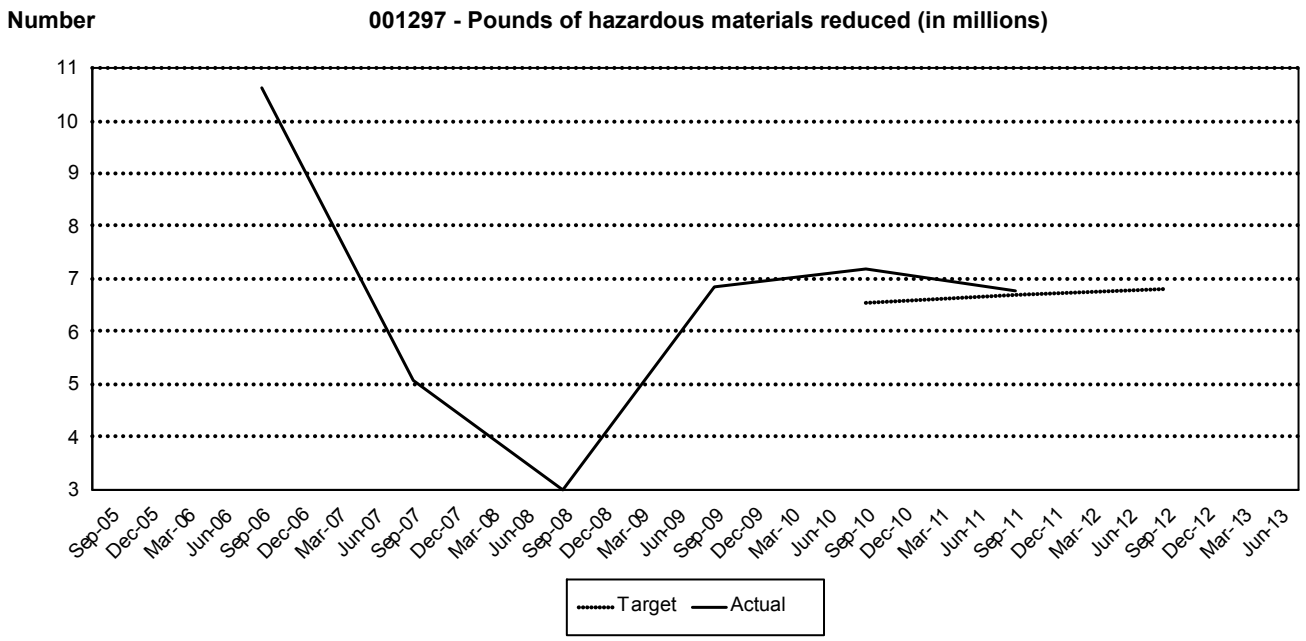
001289 - Cumulative pounds of mercury collected and/or captured while implementing Ecology's mercury chemical action plan (measured once annually).			
Biennium	Period	Actual	Target
2011-13	Q5	22,454	18,700
2011-13	Q1	20,736	16,300
2009-11	Q5	17,744	13,800
2009-11	Q1	13,640	12,900
2007-09	Q5	11,500	11,800
2007-09	Q1	10,700	

Date Measured: 9/30/2011
Comment: Actual based on collection efforts through 12/31/10. Targets revised/increased to better reflect actual recent collection/capture amounts.



001297 - Annual pounds of hazardous materials reduced (in millions).			
Biennium	Period	Actual	Target
2011-13	Q5		6.82
2011-13	Q1	6.78	6.68
2009-11	Q5	7.2	6.55
2009-11	Q1	6.85	
2007-09	Q5	3	
2007-09	Q1	5.09	

Date Measured: 9/30/2012
Comment: We are unable to report a 2012 annual result as we are currently changing the methodology and old queries from the old database are no longer available.



001655 - Refer to Narrative Justification

A053 Regulate Well Construction

Statewide Result Area: **Improve the health of Washingtonians**
Statewide Strategy: **Mitigate environmental hazards**

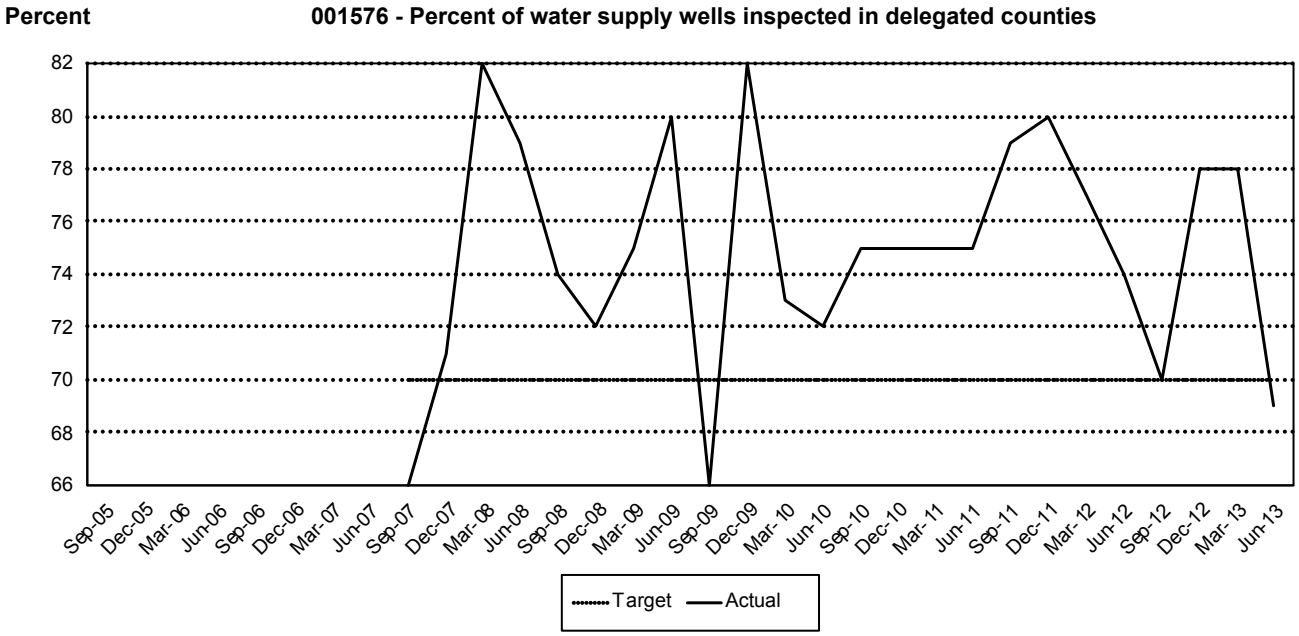
Expected Results

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.

As of 9/3/2013

001576 - Percent of water supply wells inspected in delegated counties			
Biennium	Period	Actual	Target
2011-13	Q8	69%	70%
2011-13	Q7	78%	70%
2011-13	Q6	78%	70%
2011-13	Q5	70%	70%
2011-13	Q4	74%	70%
2011-13	Q3	77%	70%
2011-13	Q2	80%	70%
2011-13	Q1	79%	70%
2009-11	Q8	75%	70%
2009-11	Q7	75%	70%
2009-11	Q6	75%	70%
2009-11	Q5	75%	70%
2009-11	Q4	72%	70%
2009-11	Q3	73%	70%
2009-11	Q2	82%	70%
2009-11	Q1	66%	70%
2007-09	Q8	80%	70%
2007-09	Q7	75%	70%
2007-09	Q6	72%	70%
2007-09	Q5	74%	70%
2007-09	Q4	79%	70%
2007-09	Q3	82%	70%
2007-09	Q2	71%	70%
2007-09	Q1	66%	70%

Date Measured: 12/31/2012
Comment: 193 Wells inspected by county government inspectors



001655 - Refer to Narrative Justification

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

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

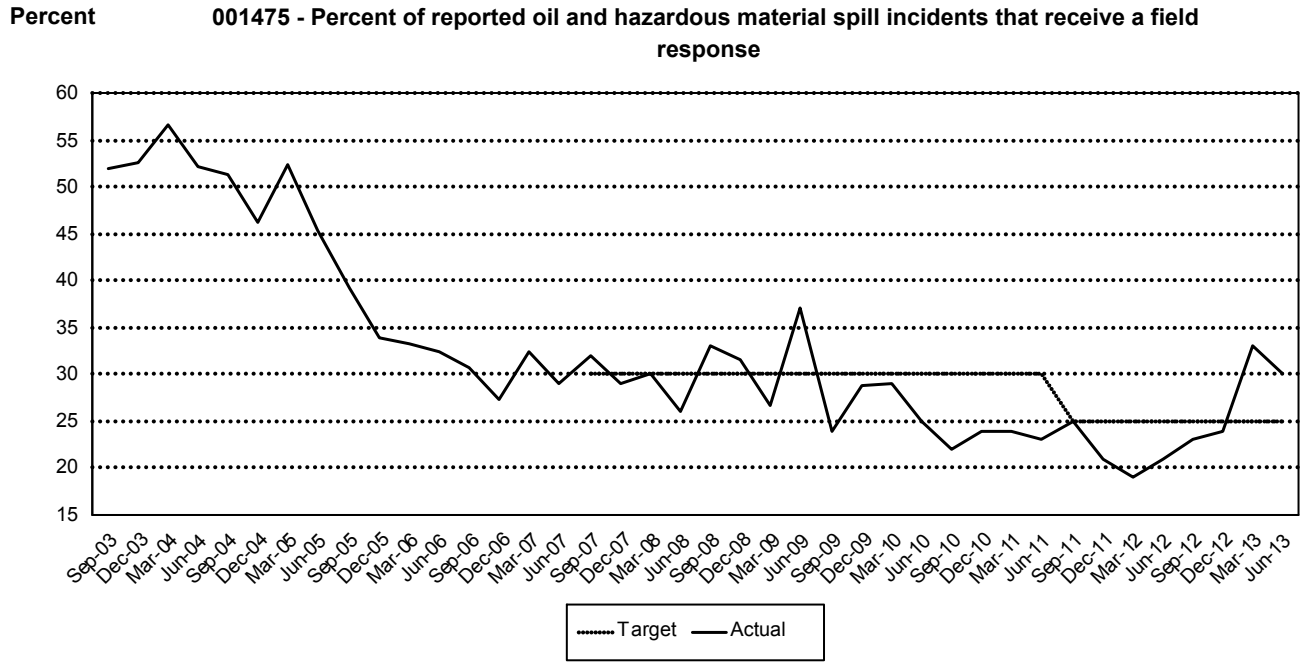
Expected Results

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.

As of 9/3/2013

001475 - Percent of reported incidents that receive field responses by Spills staff.			
Biennium	Period	Actual	Target
2011-13	Q8	30%	25%
2011-13	Q7	33%	25%
2011-13	Q6	24%	25%
2011-13	Q5	23%	25%
2011-13	Q4	21%	25%
2011-13	Q3	19%	25%
2011-13	Q2	21%	25%
2011-13	Q1	25%	25%
2009-11	Q8	23%	30%
2009-11	Q7	24%	30%
2009-11	Q6	24%	30%
2009-11	Q5	22%	30%
2009-11	Q4	25%	30%
2009-11	Q3	29%	30%
2009-11	Q2	28.8%	30%
2009-11	Q1	24%	30%
2007-09	Q8	37%	30%
2007-09	Q7	26.7%	30%
2007-09	Q6	31.5%	30%
2007-09	Q5	33%	30%
2007-09	Q4	26.1%	30%
2007-09	Q3	30%	30%
2007-09	Q2	29.1%	30%
2007-09	Q1	31.9%	30%

Date Measured: 6/30/2013
Comment: Total number of reported incidents = 936



001655 - Refer to Narrative Justification

A055 Restore Public Natural Resources Damaged by Oil Spills

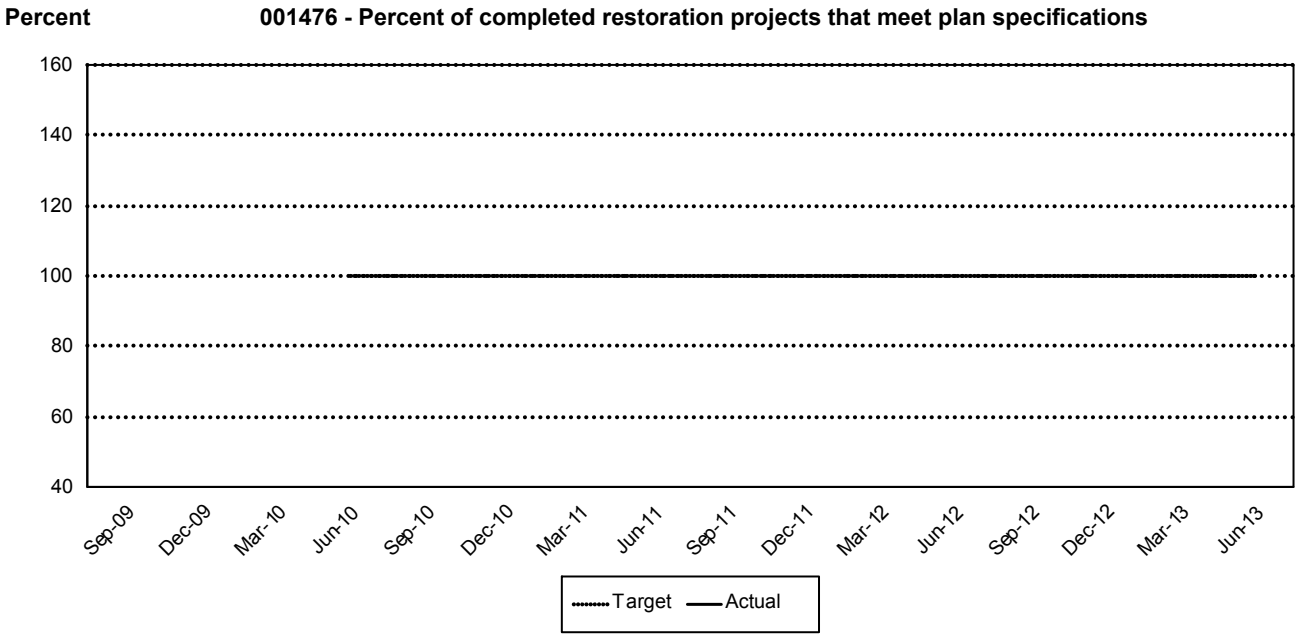
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Preserve, maintain and restore natural systems and landscapes**

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.

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

Date Measured: 6/30/2012
Comment: All projects completed meet specifications



001655 - Refer to Narrative Justification

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

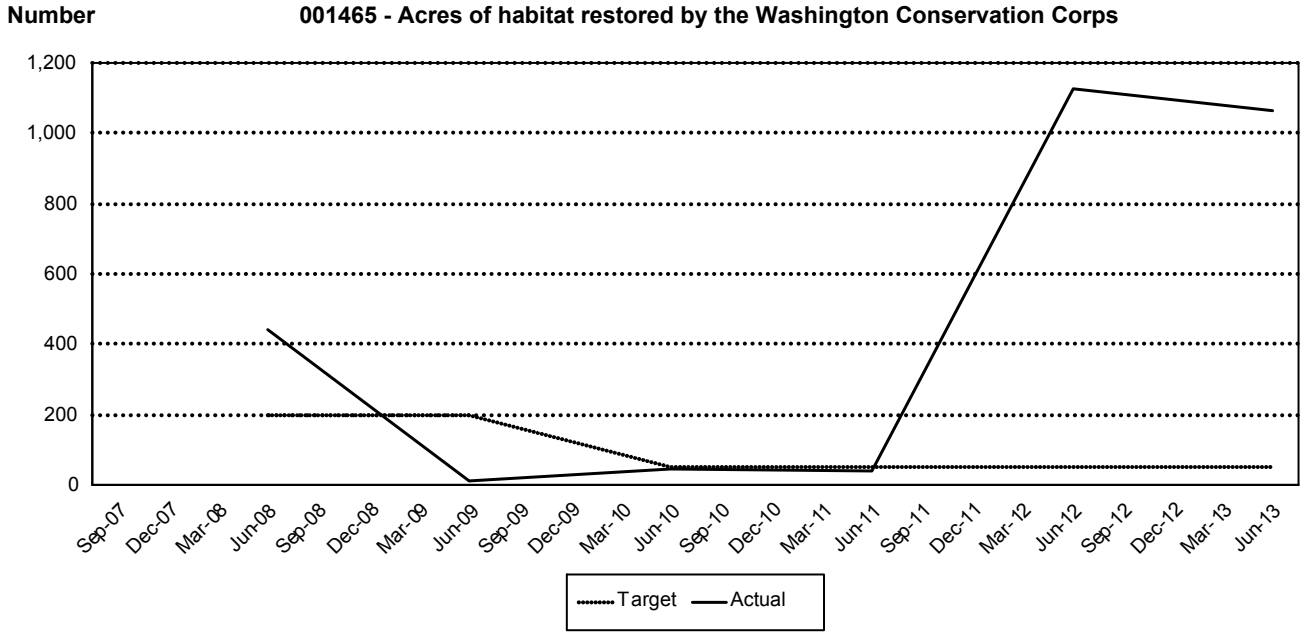
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Preserve, maintain and restore natural systems and landscapes**

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	1,062.5	50
2011-13	Q4	1,129	50
2009-11	Q8	37.5	50
2009-11	Q4	46.2	50
2007-09	Q8	8.3	200
2007-09	Q4	441	200

Date Measured: 6/30/2011
Comment: WCC work was focused on trails restoration and maintenance.

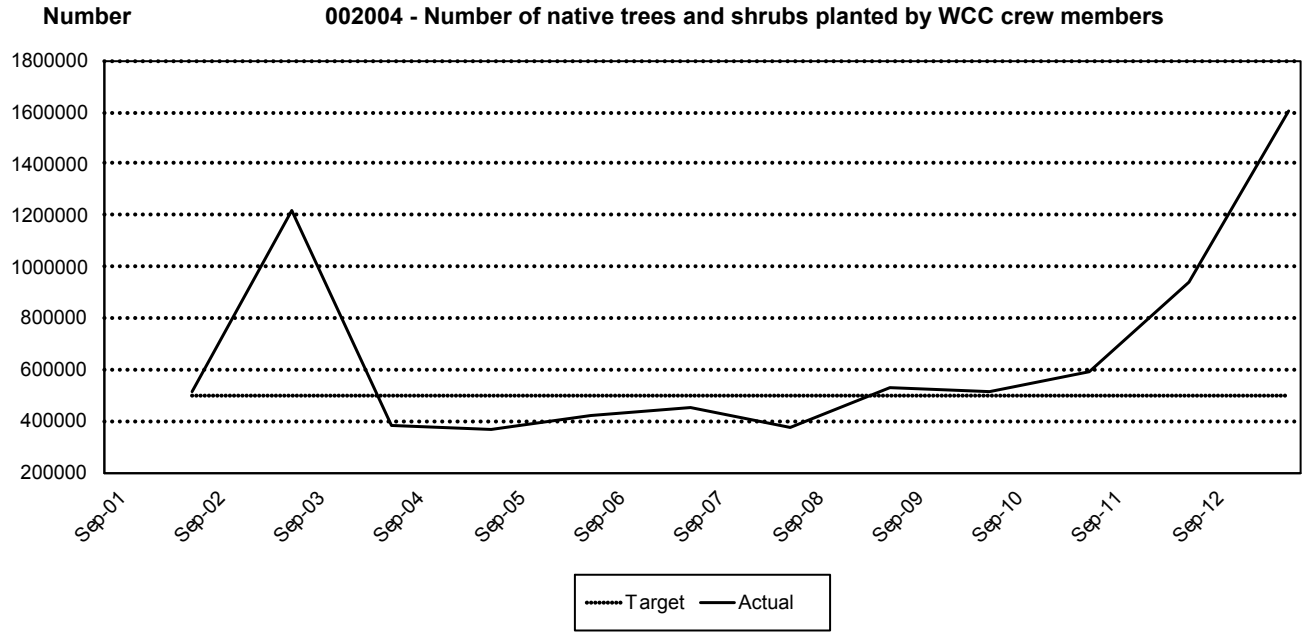


001655 - Refer to Narrative Justification

As of 9/3/2013

002004 - Number of native trees and shrubs planted by WCC crew members. Reported annually.

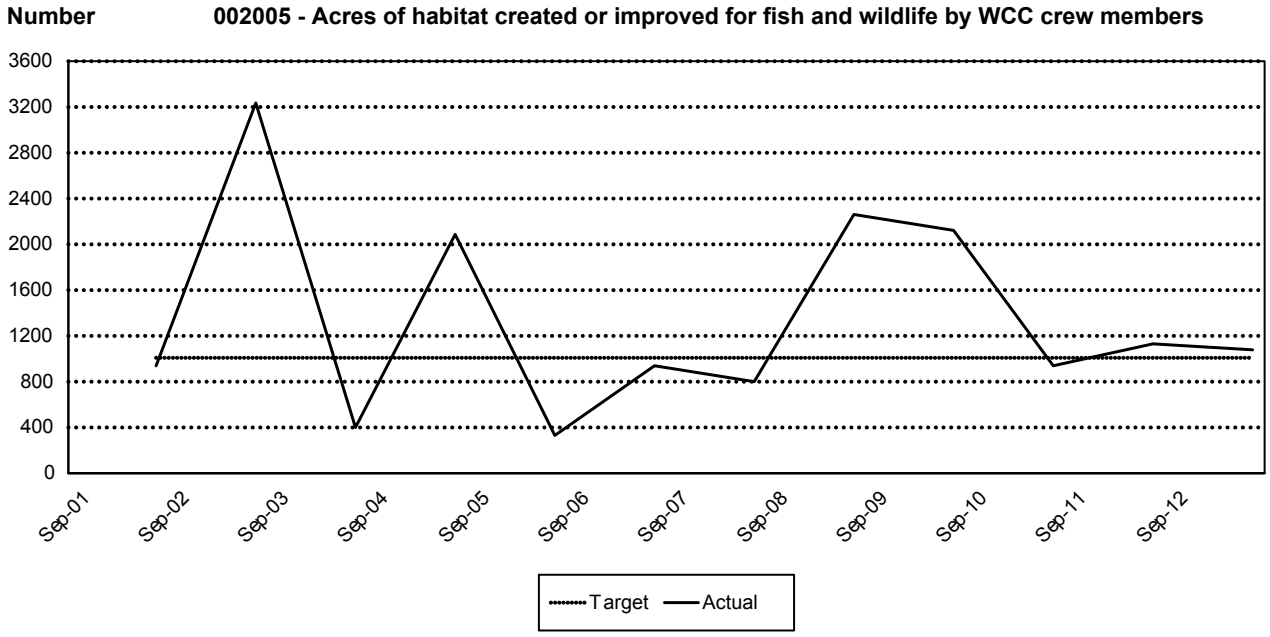
Biennium	Period	Actual	Target
2011-13	Q8	1,607,260	500,000
2011-13	Q4	941,471	500,000
2009-11	Q8	593,113	500,000
2009-11	Q4	513,531	500,000
2007-09	Q8	530,211	500,000
2007-09	Q4	373,501	500,000



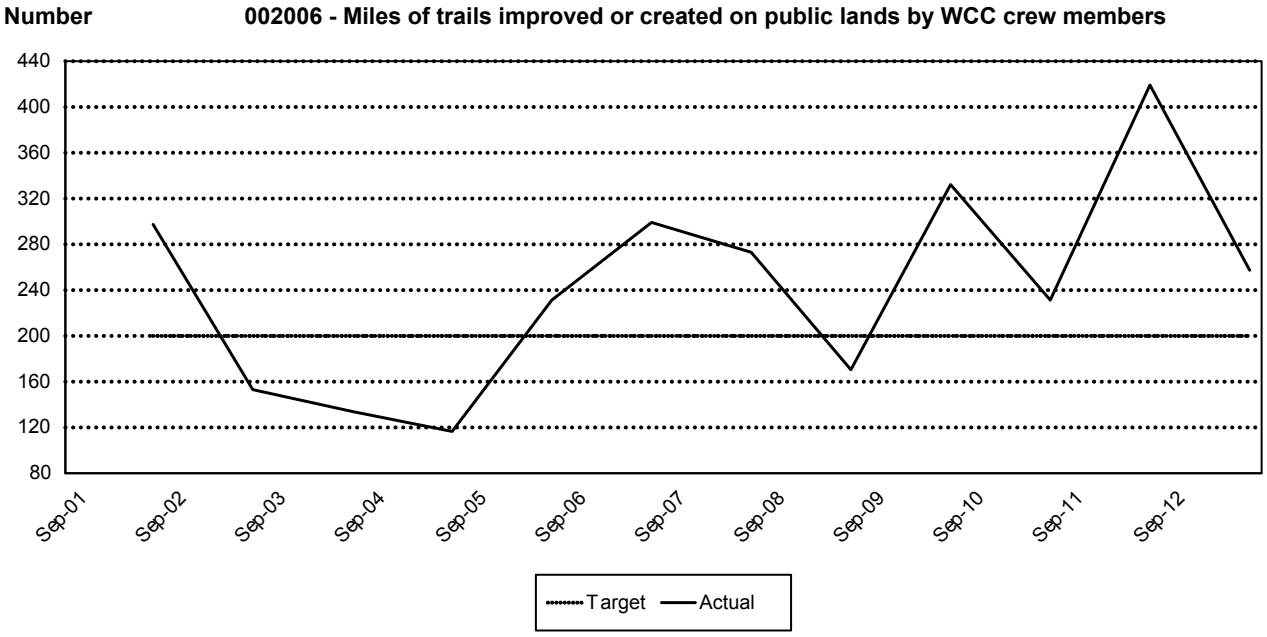
As of 9/3/2013

002005 - Acres of habitat created or improved for fish and wildlife by WCC crew members. Reported annually.

Biennium	Period	Actual	Target
2011-13	Q8	1,063	1,000
2011-13	Q4	1,129	1,000
2009-11	Q8	936	1,000
2009-11	Q4	2,121	1,000
2007-09	Q8	2,262	1,000
2007-09	Q4	789	1,000



002006 - Miles of trails improved or created on public lands by WCC crew members. Reported annually.			
Biennium	Period	Actual	Target
2011-13	Q8	257	200
2011-13	Q4	418	200
2009-11	Q8	231	200
2009-11	Q4	332	200
2007-09	Q8	170	200
2007-09	Q4	272	200



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

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

Expected Results

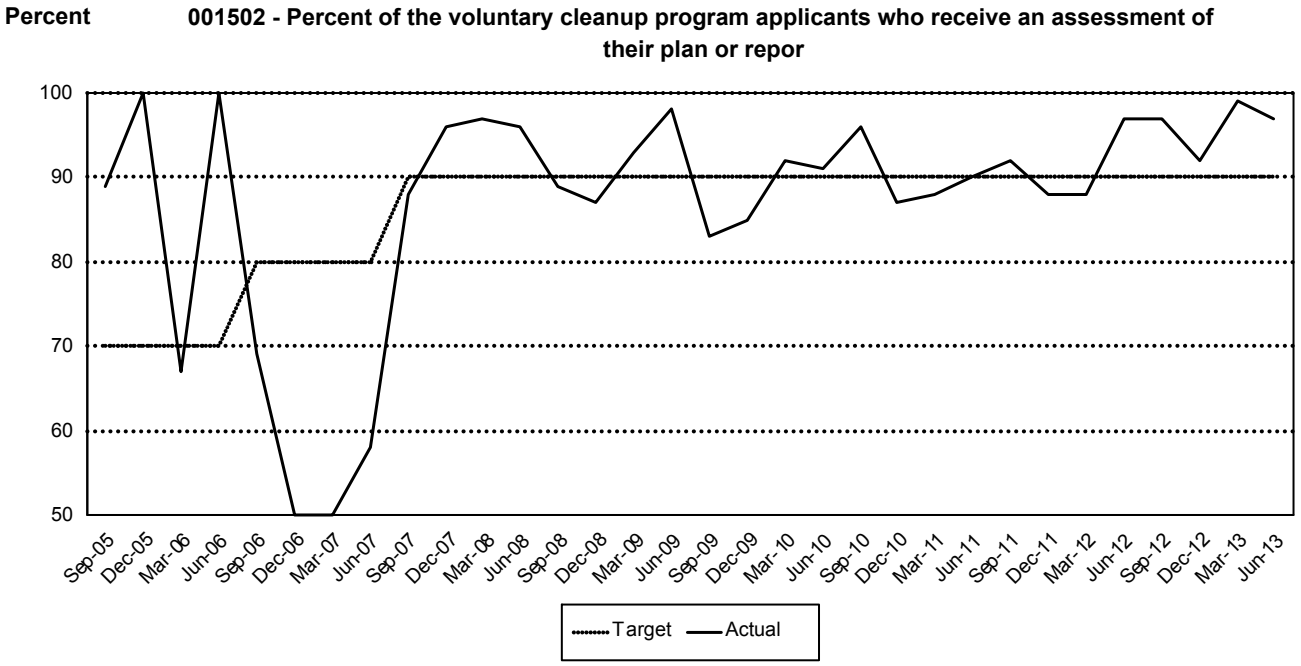
Three percent increase in the number of contaminated sites that are voluntarily cleaned up by site owners and prospective buyers using private funding. Public and environmental health is protected. Cleaned sites are ready for redevelopment and job creation. Increased number of sites with cleanup actions 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.

As of 9/3/2013

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	97%	90%
2011-13	Q7	99%	90%
2011-13	Q6	92%	90%
2011-13	Q5	97%	90%
2011-13	Q4	97%	90%
2011-13	Q3	88%	90%
2011-13	Q2	88%	90%
2011-13	Q1	92%	90%
2009-11	Q8	90%	90%
2009-11	Q7	88%	90%
2009-11	Q6	87%	90%
2009-11	Q5	96%	90%
2009-11	Q4	91%	90%
2009-11	Q3	92%	90%
2009-11	Q2	85%	90%
2009-11	Q1	83%	90%
2007-09	Q8	98%	90%
2007-09	Q7	93%	90%
2007-09	Q6	87%	90%
2007-09	Q5	89%	90%
2007-09	Q4	96%	90%
2007-09	Q3	97%	90%
2007-09	Q2	96%	90%
2007-09	Q1	88%	90%

Date Measured: 6/30/2012
Comment: 62 reports received, 2 not reviewed within 90 days.

As of 9/3/2013


Percent
001502 - Percent of the voluntary cleanup program applicants who receive an assessment of their plan or repor
100
90
80
70
60
50
Sep-05
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Mar-11
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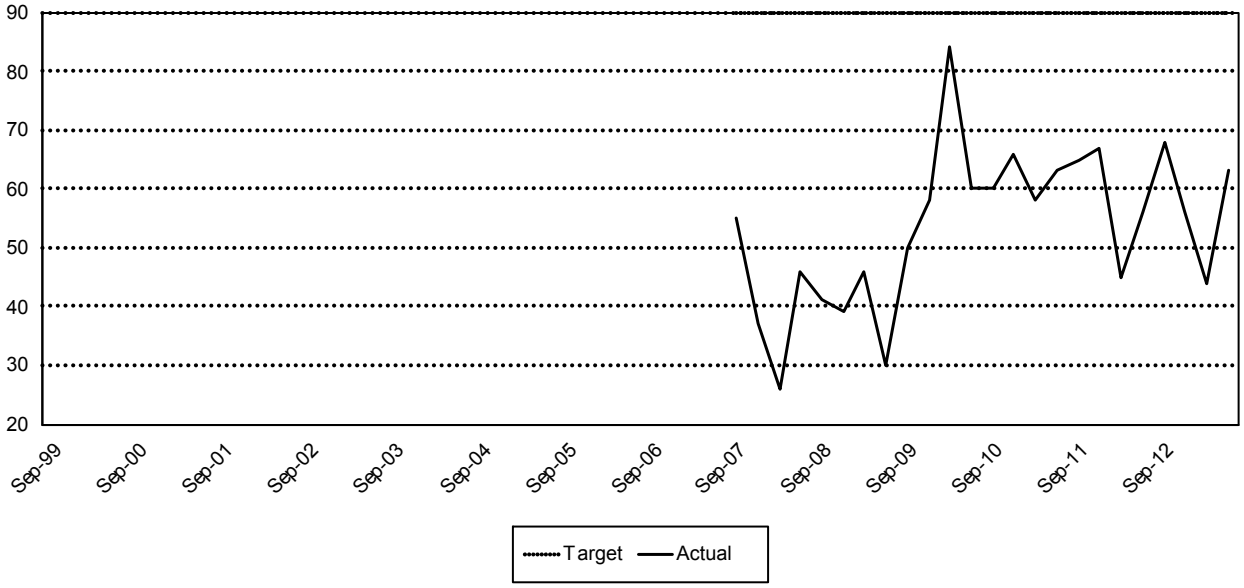
Dec-12
Mar-13
Jun-13
Target
Actual

001504 - Average number of days to provide an assessment of a plan or report received from a voluntary cleanup program applicant.			
Biennium	Period	Actual	Target
2011-13	Q8	63	90
2011-13	Q7	44	90
2011-13	Q6	56	90
2011-13	Q5	68	90
2011-13	Q4	56	90
2011-13	Q3	45	90
2011-13	Q2	67	90
2011-13	Q1	65	90
2009-11	Q8	63	90
2009-11	Q7	58	90
2009-11	Q6	66	90
2009-11	Q5	60	90
2009-11	Q4	60	90
2009-11	Q3	84	90
2009-11	Q2	58	90
2009-11	Q1	50	90
2007-09	Q8	30	90
2007-09	Q7	46	90
2007-09	Q6	39	90
2007-09	Q5	41	90
2007-09	Q4	46	90
2007-09	Q3	26	90
2007-09	Q2	37	90
2007-09	Q1	55	90

Date Measured: 12/31/2012

Comment: 3 out of 64 were longer and unable to be averaged.

Number **001504 - Average number of days to provide an assessment of a plan or report received from a voluntary cleanu**



001655 - Refer to Narrative Justification

A058 Provide Streamlined Project Permitting for Transportation Projects

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

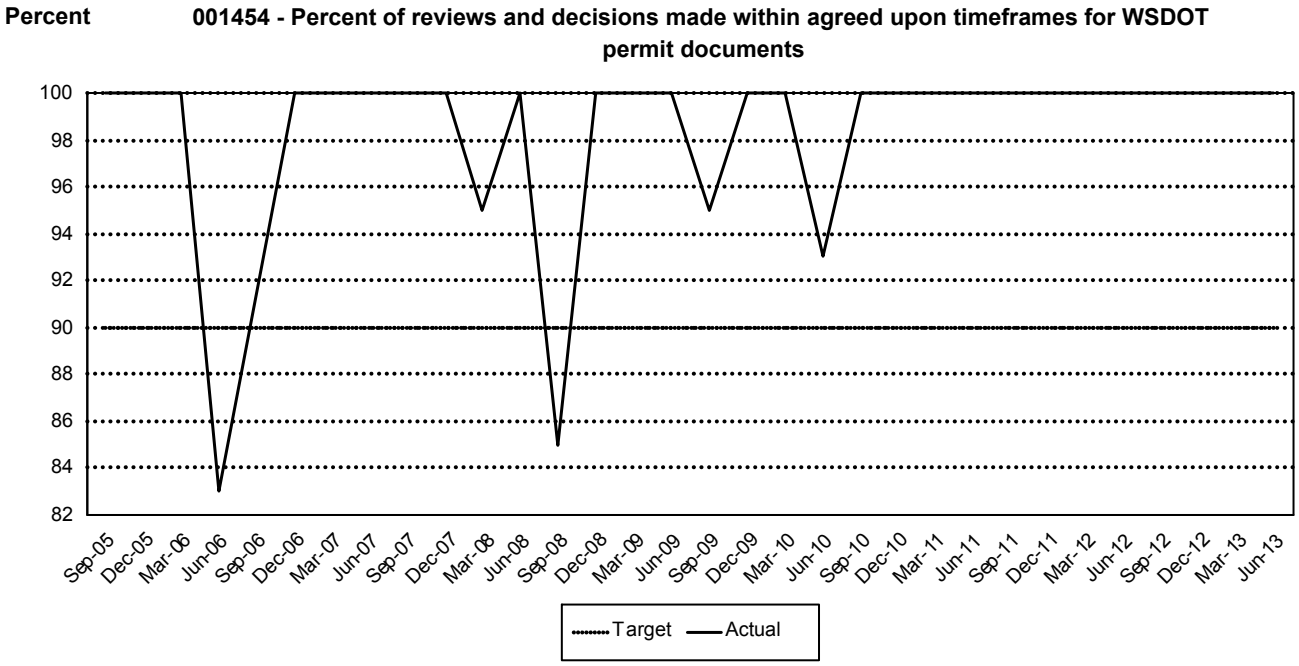
Expected Results

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

As of 9/3/2013

001454 - Percent of reviews and decisions from Ecology's Transportation Team made within agreed upon timeframes for WSDOT's applications, permits, NEPA/SEPA documents, or other environmental documents.

Biennium	Period	Actual	Target
2011-13	Q8	100%	90%
2011-13	Q7	100%	90%
2011-13	Q6	100%	90%
2011-13	Q5	100%	90%
2011-13	Q4	100%	90%
2011-13	Q3	100%	90%
2011-13	Q2	100%	90%
2011-13	Q1	100%	90%
2009-11	Q8	100%	90%
2009-11	Q7	100%	90%
2009-11	Q6	100%	90%
2009-11	Q5	100%	90%
2009-11	Q4	93%	90%
2009-11	Q3	100%	90%
2009-11	Q2	100%	90%
2009-11	Q1	95%	90%
2007-09	Q8	100%	90%
2007-09	Q7	100%	90%
2007-09	Q6	100%	90%
2007-09	Q5	85%	90%
2007-09	Q4	100%	90%
2007-09	Q3	95%	90%
2007-09	Q2	100%	90%
2007-09	Q1	100%	90%



001655 - Refer to Narrative Justification

A059 Inactive 2

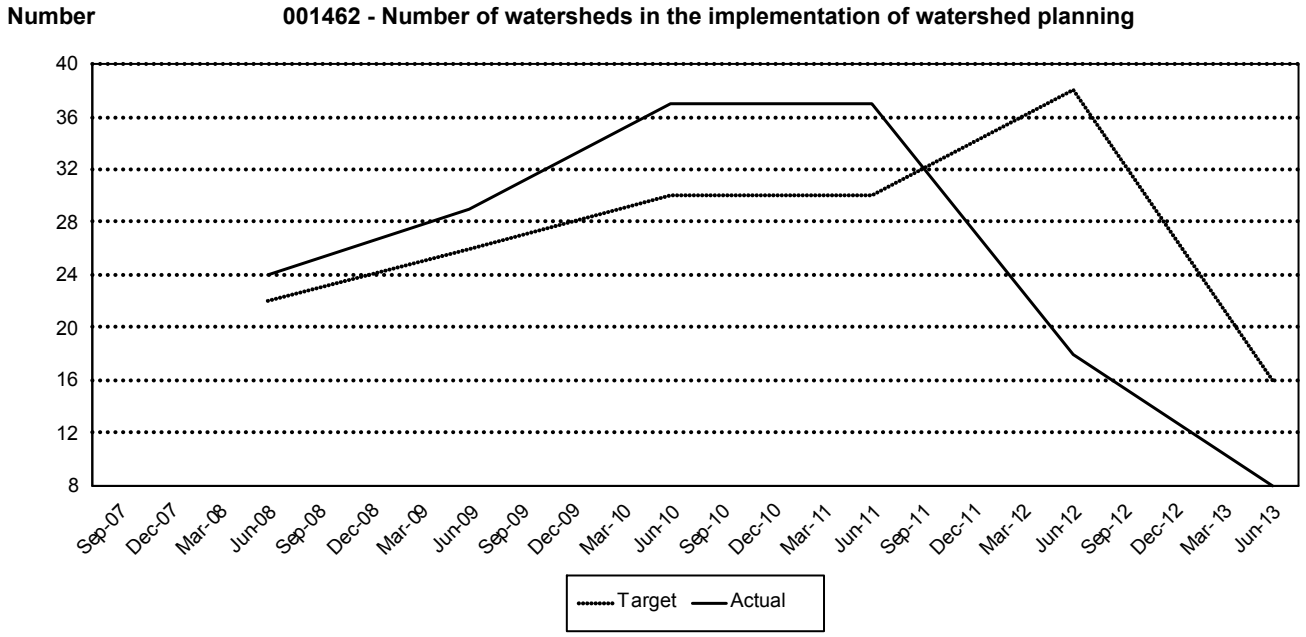
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Preserve, maintain and restore natural systems and landscapes**

Expected Results

Inactive.

001462 - Number of Watershed Planning Units in Phase 4 - Plan Implementation.			
Biennium	Period	Actual	Target
2011-13	Q8	8	16
2011-13	Q4	18	38
2009-11	Q8	37	30
2009-11	Q4	37	30
2007-09	Q8	29	26
2007-09	Q4	24	22

Date Measured: 6/30/2013
Comment: There will be no changes going forward. We are not able to provide as much financial support to watersheds with adopted plans as we've been able to in the past because of funding reductions.



001655 - Refer to Narrative Justification

A060 Provide Regulatory Assistance for Significant Projects and Small Businesses

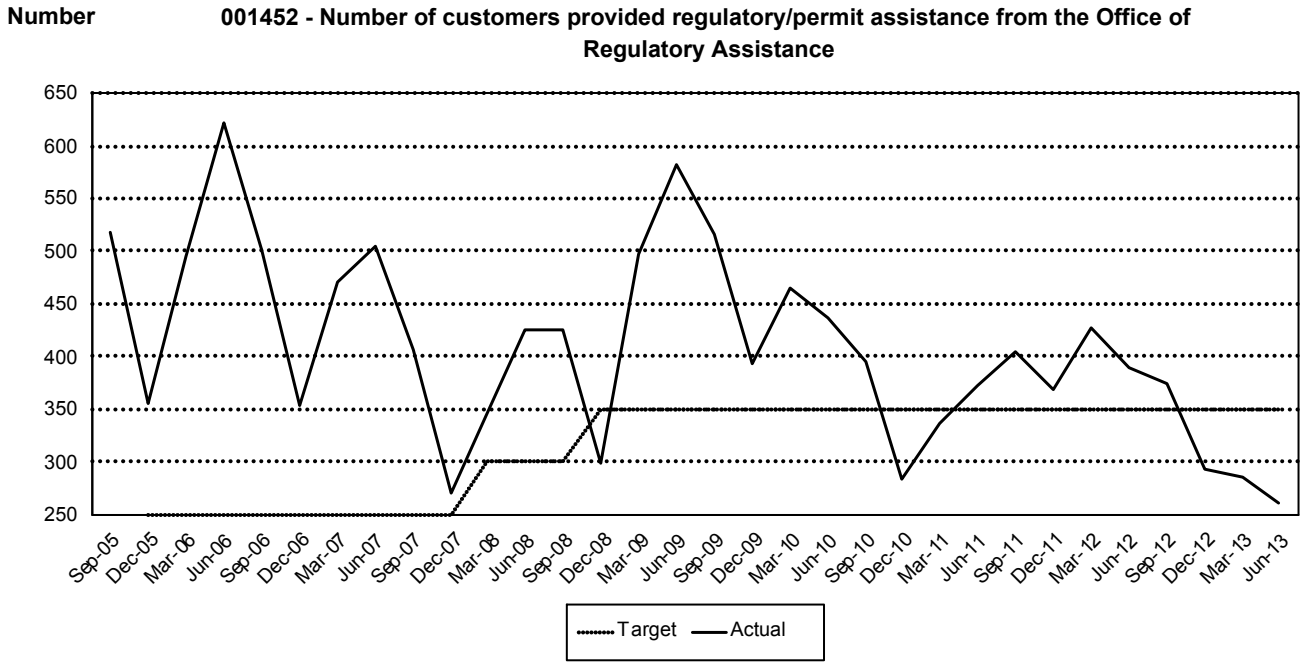
Statewide Result Area: **Improve the economic vitality of businesses and individuals**
Statewide Strategy: **Remove economic development barriers through targeted infrastructure and assistance**

Expected Results

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

001452 - Number of applicants and customers provided permit assistance information by the Office of Regulatory Assistance Service Center.			
Biennium	Period	Actual	Target
2011-13	Q8	261	350
2011-13	Q7	286	350
2011-13	Q6	294	350
2011-13	Q5	375	350
2011-13	Q4	390	350
2011-13	Q3	428	350
2011-13	Q2	369	350
2011-13	Q1	405	350
2009-11	Q8	373	350
2009-11	Q7	336	350
2009-11	Q6	283	350
2009-11	Q5	396	350
2009-11	Q4	436	350
2009-11	Q3	466	350
2009-11	Q2	394	350
2009-11	Q1	516	350
2007-09	Q8	583	350
2007-09	Q7	498	350
2007-09	Q6	299	350
2007-09	Q5	426	300
2007-09	Q4	425	300
2007-09	Q3	346	300
2007-09	Q2	271	250
2007-09	Q1	407	250

As of 9/3/2013



001655 - Refer to Narrative Justification

A061 Support Water Use Efficiency

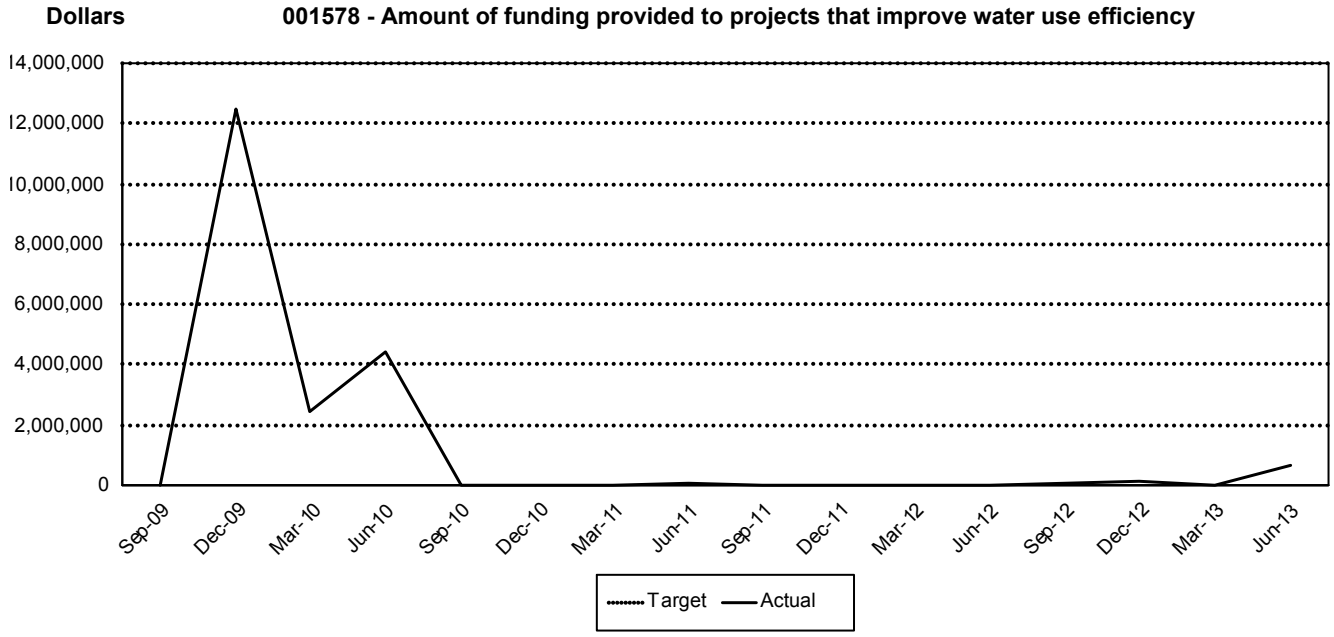
Statewide Result Area: **Improve the quality of Washington's natural resources**
Statewide Strategy: **Achieve sustainable use of public natural resources**

Expected Results

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

001578 - Amount of funding provided to projects that improve water use efficiency			
Biennium	Period	Actual	Target
2011-13	Q8	$625,175	
2011-13	Q7	$0	
2011-13	Q6	$106,419	
2011-13	Q5	$32,614	
2011-13	Q4	$0	
2011-13	Q3	$0	
2011-13	Q2	$0	
2011-13	Q1	$0	
2009-11	Q8	$80,799	
2009-11	Q7	$0	
2009-11	Q6	$0	
2009-11	Q5	$0	
2009-11	Q4	$4,400,000	
2009-11	Q3	$2,455,755	
2009-11	Q2	$12,454,312	
2009-11	Q1	$0	

Date Measured: 9/30/2011
Comment: No target - The amount of funding is subject to the amount appropriated for water use efficiency projects.



001655 - Refer to Narrative Justification

A063 Climate Change Mitigation and Adaptation

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

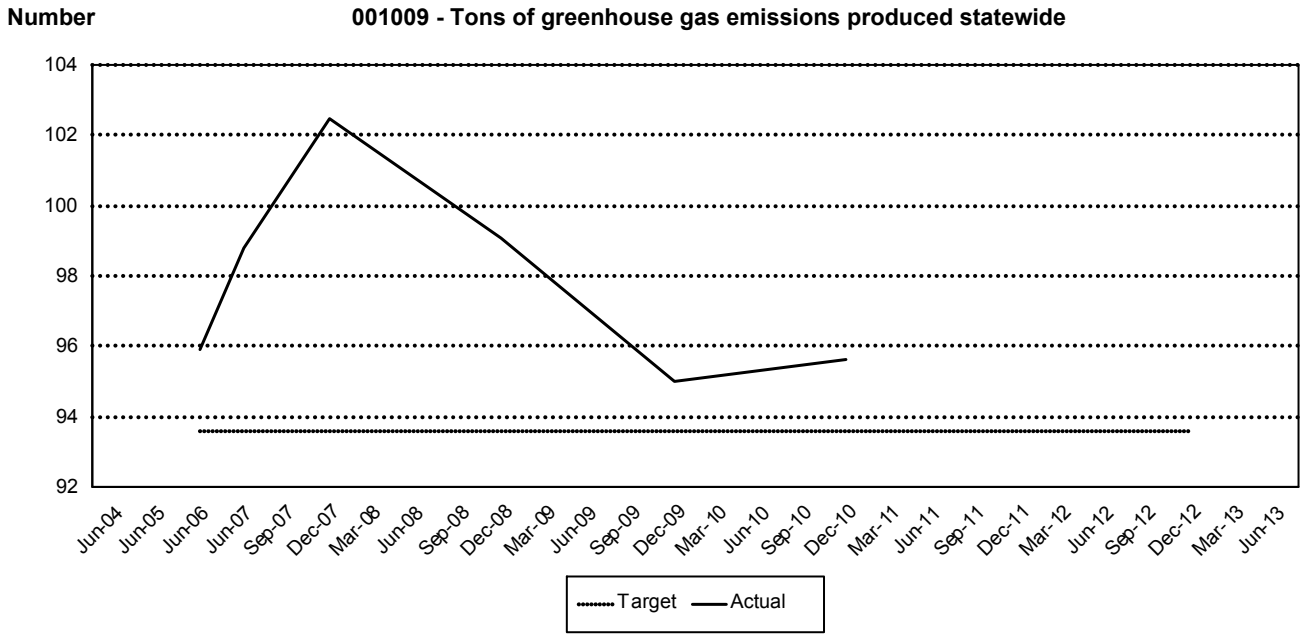
Expected Results

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.

001009 - Tons of greenhouse gas emissions produced statewide.
Target: 2020 statutory target equal to statewide emissions level of 92.9 million metric tons (mmt) of carbon dioxide equivalents (CO2e) in 1990.

Biennium	Period	Actual	Target
2011-13	Q6		93.6
2011-13	Q2		93.6
2009-11	Q6	95.6	93.6
2009-11	Q2	95	93.6
2007-09	Q6	99.1	93.6
2007-09	Q2	102.5	93.6

Date Measured: 12/31/2012
Comment: By law (RCW 70.235.020(2)), emission data for this period is due to be reported by 12/31/2014.



001655 - Refer to Narrative Justification

A064 Manage Solid Waste Safely

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

Expected Results

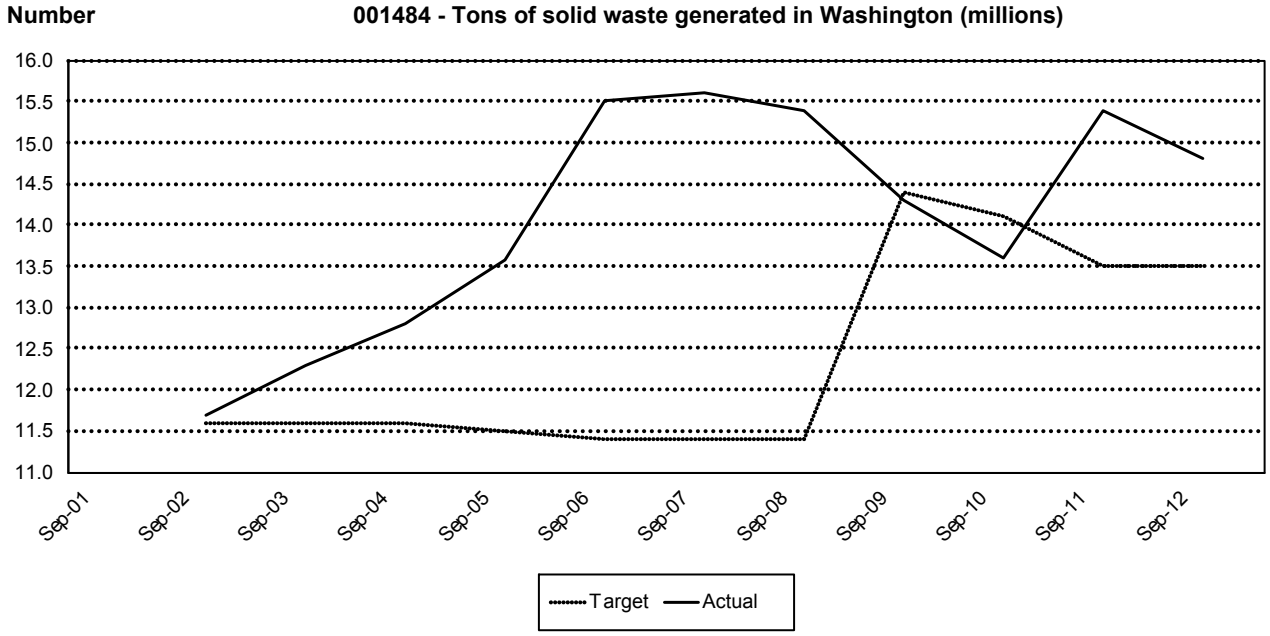
Disposed solid waste needs to be managed in environmentally compliant facilities. Proper solid waste handling and disposal practices will minimize toxic contamination to the state's groundwater, surface water, and air.

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

001484 - Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.

Biennium	Period	Actual	Target
2011-13	Q6	14.8	13.5
2011-13	Q2	15.4	13.5
2009-11	Q6	13.6	14.1
2009-11	Q2	14.3	14.4
2007-09	Q6	15.4	11.4
2007-09	Q2	15.6	11.4

Date Measured: 12/31/2011
Comment: For calendar year 2010.

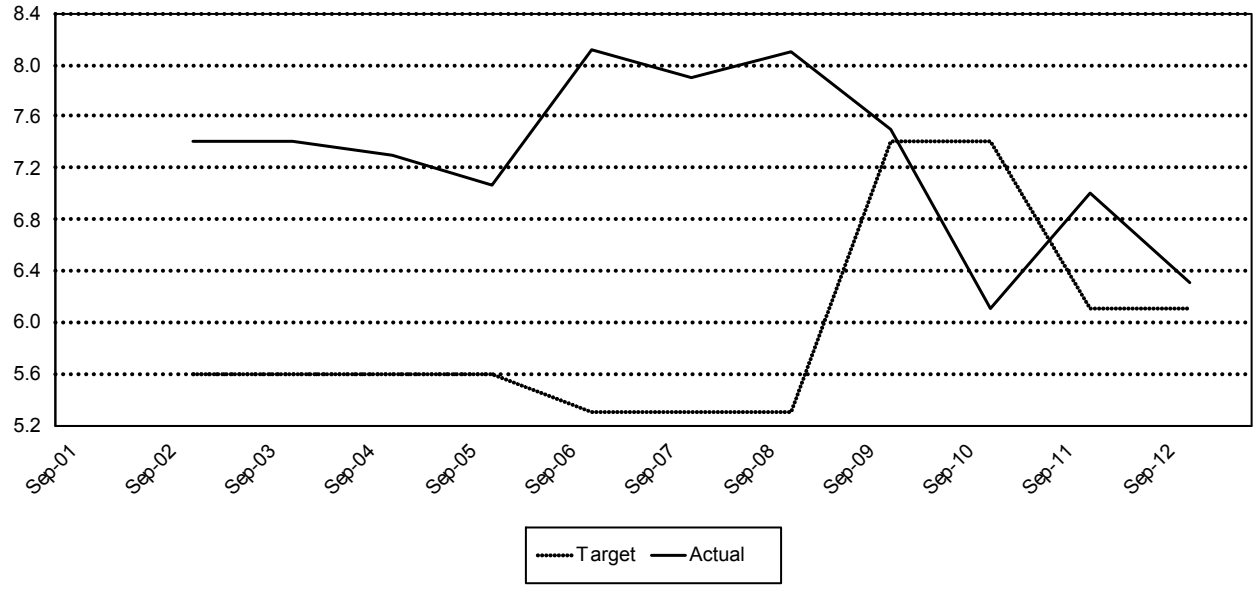


001485 - Millions of tons of solid waste disposed annually by Washington residents and businesses. Reported annually in Quarters 2 and 6.

Biennium	Period	Actual	Target
2011-13	Q6	6.3	6.1
2011-13	Q2	7	6.1
2009-11	Q6	6.1	7.4
2009-11	Q2	7.5	7.4
2007-09	Q6	8.1	5.3
2007-09	Q2	7.9	5.3

Date Measured: 12/31/2011
Comment: For calendar year 2010.

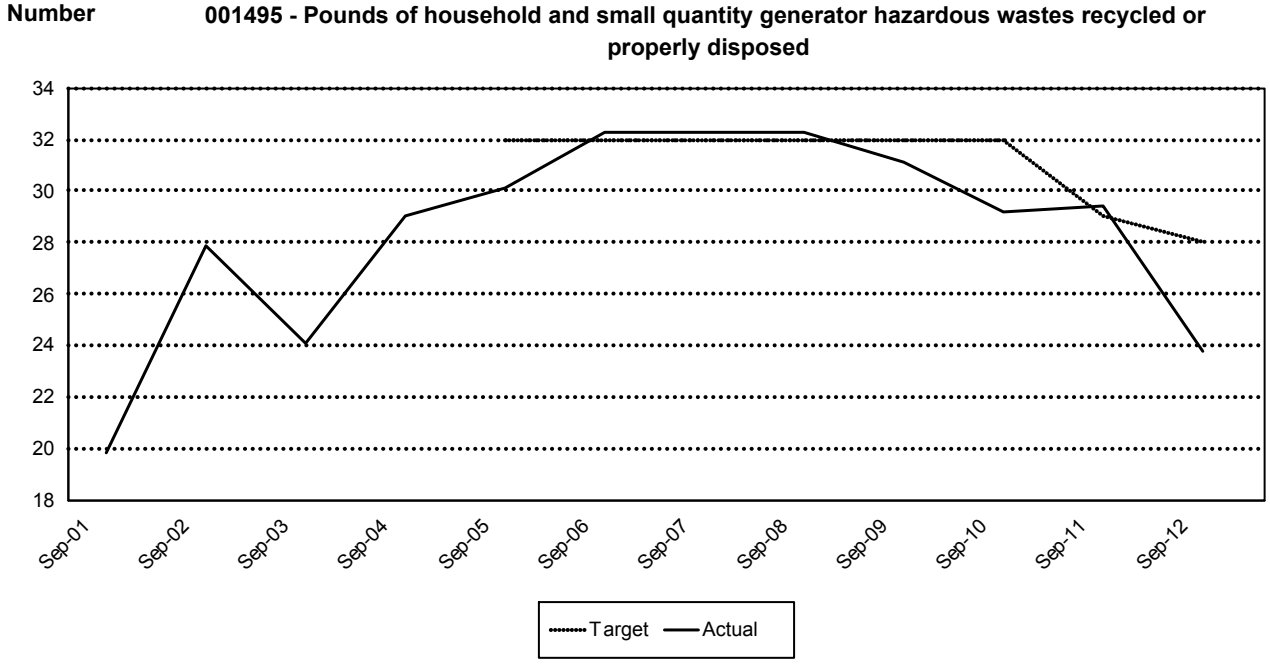
Number **001485 - Tons of solid waste disposed by Washington residents and businesses (millions)**



As of 9/3/2013

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	Q6	23.8	28
2011-13	Q2	29.4	29
2009-11	Q6	29.2	32
2009-11	Q2	31.1	32
2007-09	Q6	32.3	32
2007-09	Q2	32.3	32

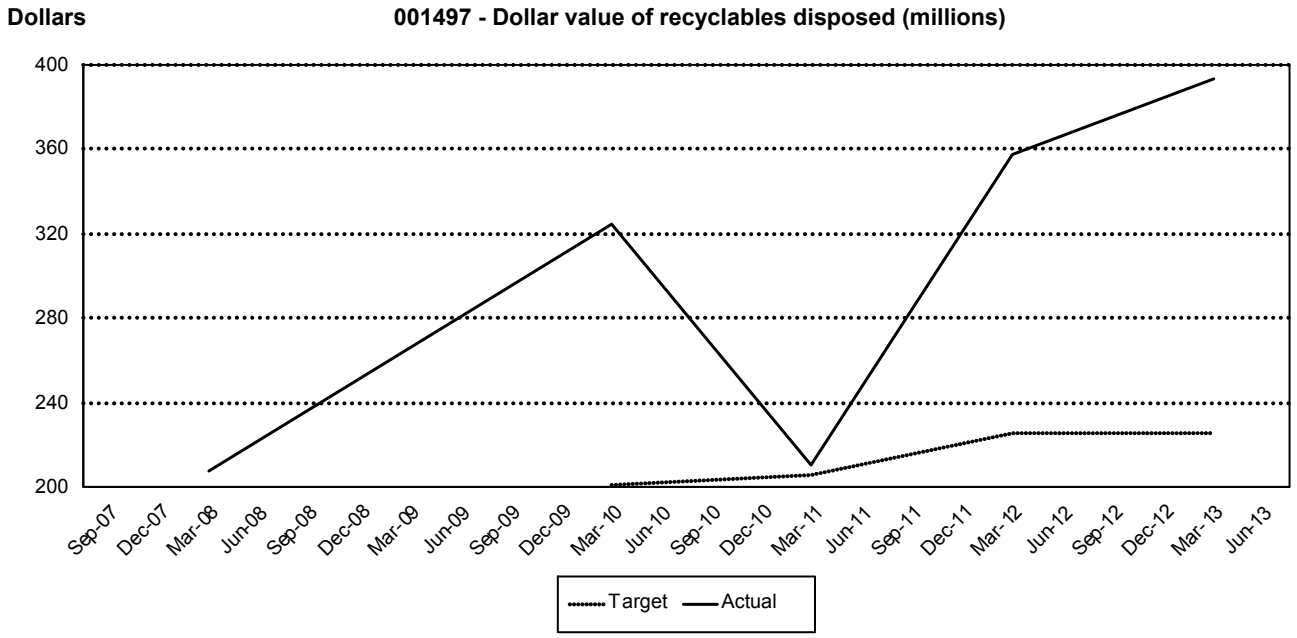
Date Measured: 12/31/2012
Comment: A database error was discoverd which had over-calulated the totals.



As of 9/3/2013

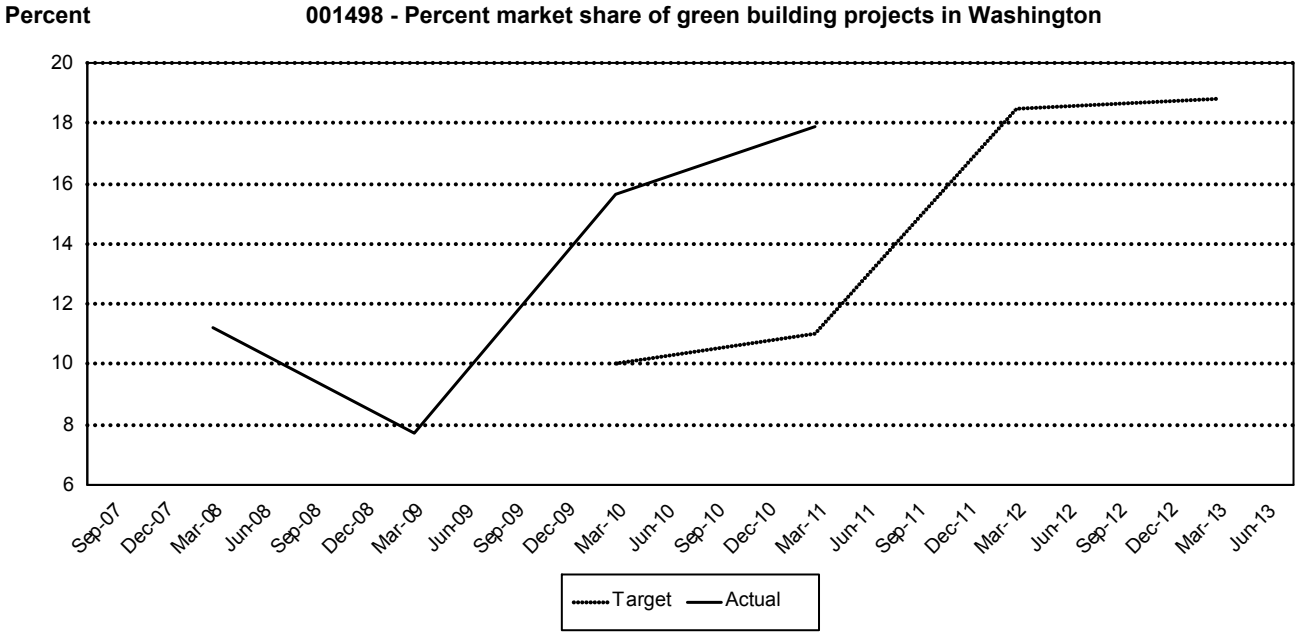
001497 - Dollar value of recyclables disposed (in millions). Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7	$393.3	$225
2011-13	Q3	$357.3	$225
2009-11	Q7	$210.4	$206
2009-11	Q3	$324.1	$201
2007-09	Q7	$265.7	
2007-09	Q3	$207.1	

Date Measured: 3/31/2011
Comment: Revised based on new data for electronics.



001498 - Percent market share of green building projects in Washington. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2011-13	Q7		18.8%
2011-13	Q3		18.5%
2009-11	Q7	17.91%	11%
2009-11	Q3	15.67%	10%
2007-09	Q7	7.69%	
2007-09	Q3	11.2%	

Date Measured: 3/31/2012
Comment: Cannot report data - Legislative proviso prohibited work on Green Building and funding reduced so not able to purchase needed data.



001655 - Refer to Narrative Justification

A065 Reduce Toxic Chemicals in Products and Promote Safer Alternatives

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

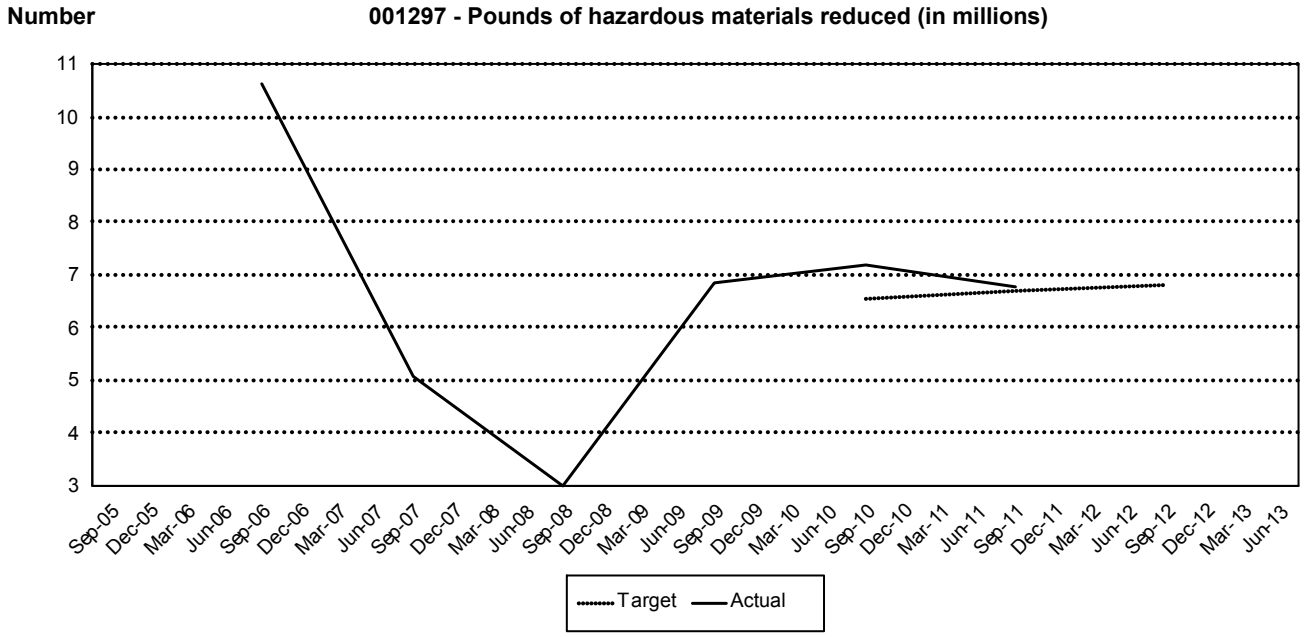
Expected Results

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.

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

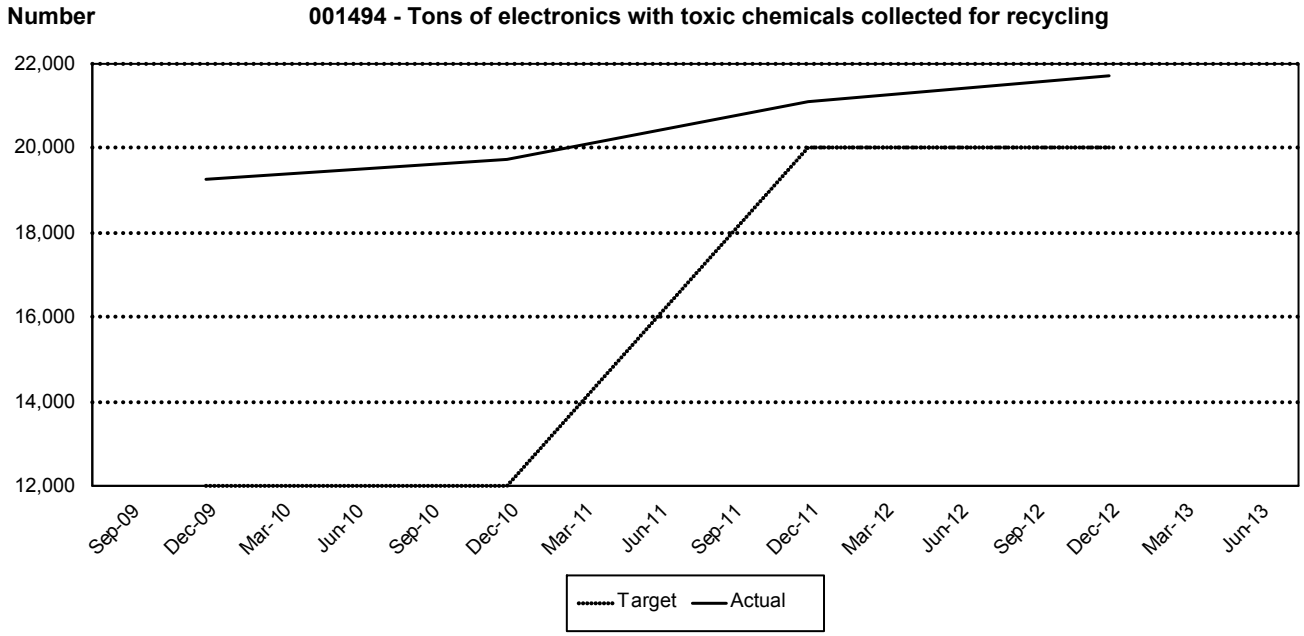
Biennium	Period	Actual	Target
2011-13	Q5		6.82
2011-13	Q1	6.78	6.68
2009-11	Q5	7.2	6.55
2009-11	Q1	6.85	
2007-09	Q5	3	
2007-09	Q1	5.09	

Date Measured: 9/30/2012
Comment: We are unable to report a 2012 annual result as we are currently changing the methodology and old queries from the old database are no longer available.



001494 - Tons of electronics with toxic chemicals collected for recycling.			
Biennium	Period	Actual	Target
2011-13	Q6	21,737	20,000
2011-13	Q2	21,096	20,000
2009-11	Q6	19,734	12,000
2009-11	Q2	19,274	12,000

Date Measured: 12/31/2011
Comment: For calendar year 2011.



001655 - Refer to Narrative Justification

A066 Consolidation

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

Expected Results

001655 - Refer to Narrative Justification

A067 Support Watershed-Based Water Supply and Resource Stewardship

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.

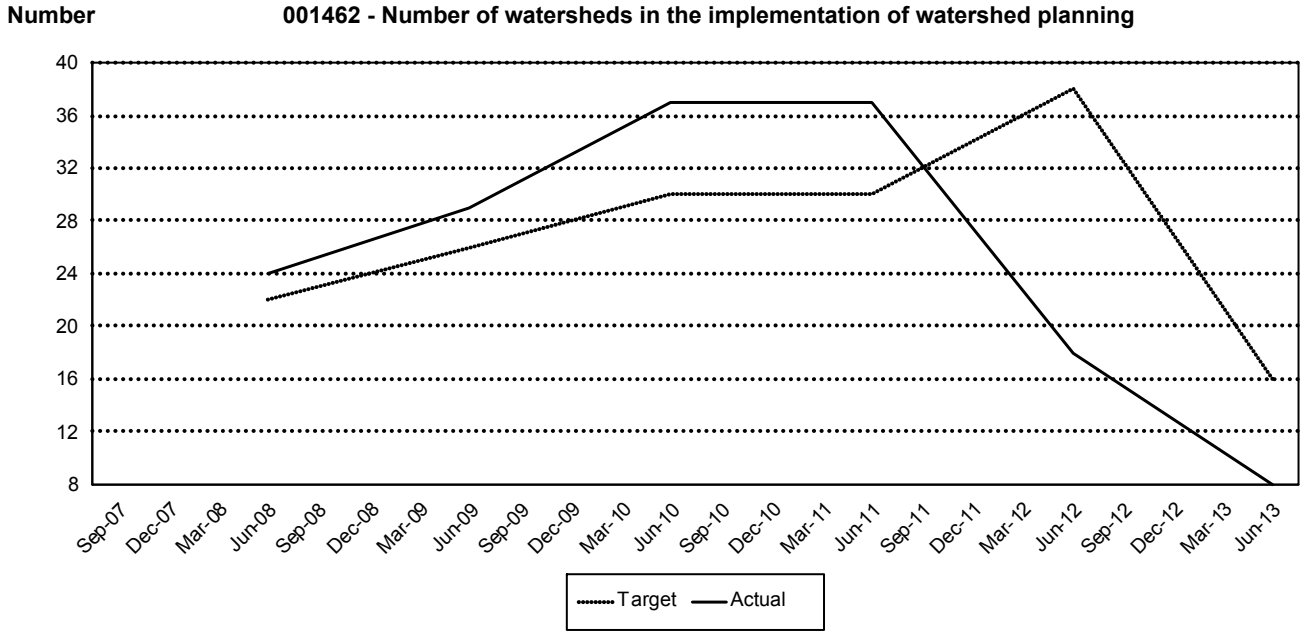
Participating watersheds see improved long-term reliability and availability of water for in-stream (fish life) and out-of-stream (municipal, agricultural, commercial) needs, in keeping with locally developed watershed plans and activities.

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

001462 - Number of Watershed Planning Units in Phase 4 - Plan Implementation.

Biennium	Period	Actual	Target
2011-13	Q8	8	16
2011-13	Q4	18	38
2009-11	Q8	37	30
2009-11	Q4	37	30
2007-09	Q8	29	26
2007-09	Q4	24	22

Date Measured: 6/30/2013
Comment: There will be no changes going forward. We are not able to provide as much financial support to watersheds with adopted plans as we've been able to in the past because of funding reductions.



ZZZX Other Statewide Adjustments

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

Expected Results

001655 - Refer to Narrative Justification