

461 - Department of Ecology

A001 Adjudicate Water Rights

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

Expected Results

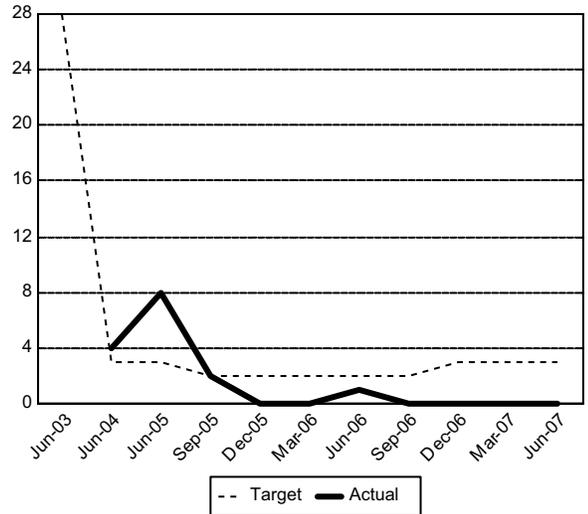
Near completion of the Yakima River Basin adjudication (95 percent) in 2005 will remove major uncertainty regarding the validity and extent of water rights in the Basin.

Number of instream flows set				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	3	0	(3)
	7th Qtr	3	0	(3)
	6th Qtr	3	0	(3)
	5th Qtr	2	0	(2)
	4th Qtr	2	1	(1)
	3rd Qtr	2	0	(2)
	2nd Qtr	2	0	(2)
	1st Qtr	2	2	0
2003-05	8th Qtr	3	8	5
	4th Qtr	3	4	1
2001-03	8th Qtr	28		

Instream flow setting progress is dependent on working and negotiating with local watershed groups (and other factors), so we can only move at the speed they are willing to go. Our target numbers are based on estimates of how fast we think the work will progress.

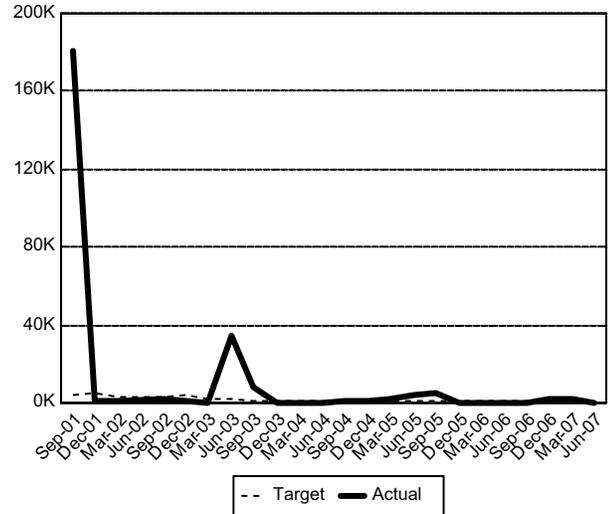
Date Measured: 6/30/2007

Comment: Continuing progress in Quilcene (WRIA 17), Walla Walla (WRIA 32), & Wenatchee (WRIA 45).



Volume of water saved for instream flow in acre feet				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	1,250	90.39	(1,159.61)
	7th Qtr	1,250	2,099.67	849.67
	6th Qtr	1,250	2,008.67	758.67
	5th Qtr	1,250	0	(1,250)
	4th Qtr	1,250	9.2	(1,240.8)
	3rd Qtr	1,250	152	(1,098)
	2nd Qtr	1,250	0	(1,250)
	1st Qtr	1,250	5,220	3,970
2003-05	8th Qtr	1,250	4,313	3,063
	7th Qtr	1,250	1,810	560
	6th Qtr	1,250	723	(527)
	5th Qtr	1,250	853	(397)
	4th Qtr	1,250	265	(985)
	3rd Qtr	1,250	305	(945)
	2nd Qtr	1,250	24	(1,226)
	1st Qtr	1,250	7,991	6,741
2001-03	8th Qtr	2,110	34,927	32,817
	7th Qtr	2,430	365	(2,065)
	6th Qtr	3,930		
	5th Qtr	2,810	1,725	(1,085)
	4th Qtr	2,810		
	3rd Qtr	2,810	632	(2,178)
	2nd Qtr	5,050	797	(4,253)
	1st Qtr	3,930	181,000	177,070

Volume of water saved is dependent on finding people willing to sell or lease water, donate water to the trust water program or implement water use efficiency measures. If people do not come forward or we can not find them, the volume of water acquired will be small.



Date Measured: 6/30/2007

Comment: Lmuma Ck efficiency improvements gain 90.39 AAF for \$125,000 & move point of diversion to Yakima R, leaving 0.4 cfs in Lmuma for ESA species for \$250,000.

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.

A003 Assess, Set, and Achieve Instream Flows

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

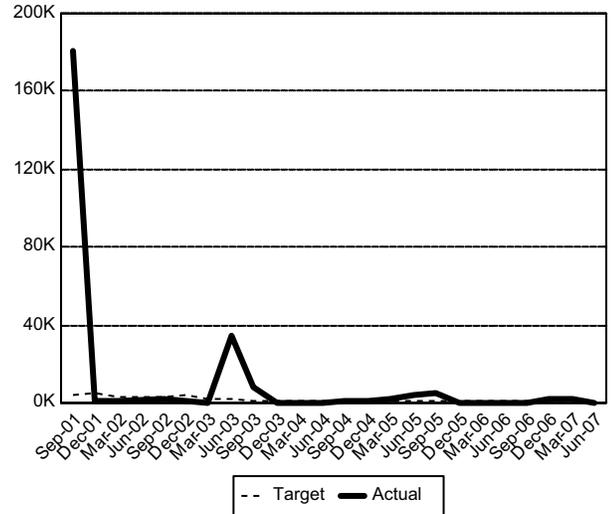
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Increased setting and achievement of instream flows in critical water basins benefit people, fish, farming and the environment. Set six instream flows in the 2003-05 Biennium, working with local watershed groups and critical basins not engaged in watershed planning. Acquire 10,000 acre feet of water to achieve instream flow requirements.

Volume of water saved for instream flow in acre feet				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	1,250	90.39	(1,159.61)
	7th Qtr	1,250	2,099.67	849.67
	6th Qtr	1,250	2,008.67	758.67
	5th Qtr	1,250	0	(1,250)
	4th Qtr	1,250	9.2	(1,240.8)
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Volume of water saved is dependent on finding people willing to sell or lease water, donate water to the trust water program or implement water use efficiency measures. If people do not come forward or we can not find them, the volume of water acquired will be small.



Date Measured: 6/30/2007

Comment: Lmuma Ck efficiency improvements gain 90.39 AAF for \$125,000 & move point of diversion to Yakima R, leaving 0.4 cfs in Lmuma for ESA species for \$250,000.

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

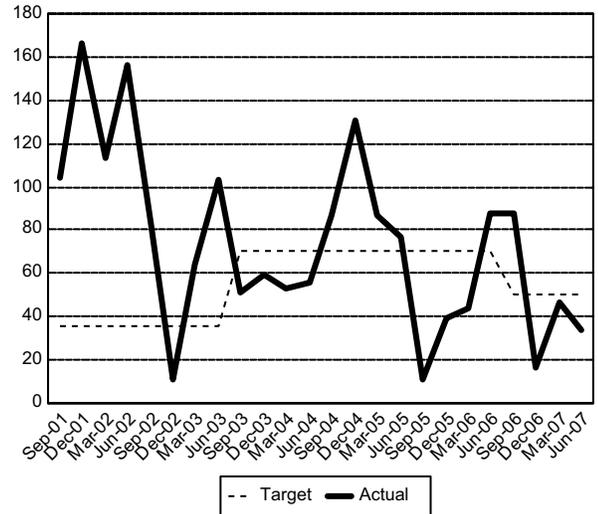
Expected Results

The most highly contaminated sites are cleaned up, public and environmental health is protected, and sites are ready for redevelopment and job creation. Increase the number of sites cleaned up by 3 percent annually. Increase the number of sites with cleanup actions in progress. Decrease the number of sites that are awaiting cleanup.

Number of known toxics-contaminated sites with cleanup actions completed.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	50	34	(16)
	7th Qtr	50	47	(3)
	6th Qtr	50	16	(34)
	5th Qtr	50	88	38
	4th Qtr	70	88	18
	3rd Qtr	70	44	(26)
	2nd Qtr	70	39	(31)
	1st Qtr	70	11	(59)
2003-05	8th Qtr	70	77	7
	7th Qtr	70	87	17
	6th Qtr	70	131	61
	5th Qtr	70	87	17
	4th Qtr	70	56	(14)
	3rd Qtr	70	53	(17)
	2nd Qtr	70	59	(11)
	1st Qtr	70	51	(19)
2001-03	8th Qtr	36	103	67
	7th Qtr	36	64	28
	6th Qtr	36	11	(25)
	5th Qtr	36	82	46
	4th Qtr	36	156	120
	3rd Qtr	36	113	77
	2nd Qtr	36	166	130
	1st Qtr	36	104	68

Baseline is 200 per year statewide.

Date Measured: 7/31/2007



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

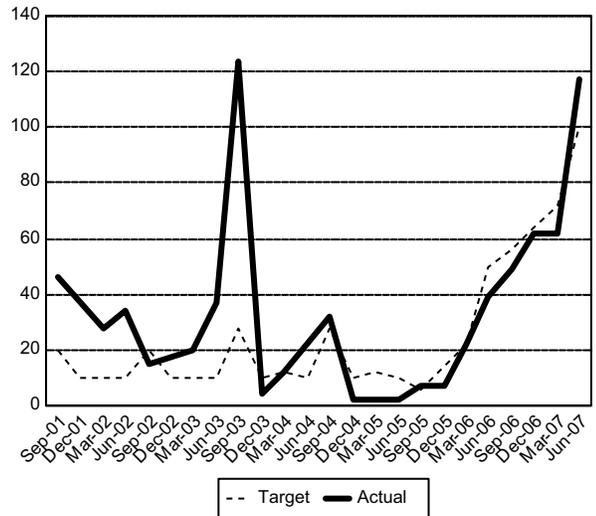
Expected Results

Implementation of water quality clean-up plans to protect public health and the environment. Manage 1,500 contaminated water body segments on 650 water bodies (Washington's legal commitments specified in a Memorandum of Agreement prompted by a lawsuit). Submit 60 water clean-up plans and associated technical reports per year to the Environmental Protection Agency. Assist local communities in implementing water clean-up plans. Specific examples of working with local communities include: eliminate the number of Nooksack River tributaries that exceed healthy bacteria levels; reduce bacteria by 10 percent per year in lower Yakima River irrigation ditches; reduce sediment in the lower Yakima River by 60 percent; reduce bacteria by 10 percent in Upper Allen Creek; and reduce bacteria by 15 percent in Alpowa, Deadman, and Pataha Creeks. Develop an updated list of water bodies failing to meet water quality standards. Assist local communities and businesses in implementing the newly revised water quality standards regulation by developing "use attainability" and other guidance documents.

Number of water quality cleanup plans submitted to the US Environmental Protection Agency				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	100	117	17
	7th Qtr	72	62	(10)
	6th Qtr	64	62	(2)
	5th Qtr	56	49	(7)
	4th Qtr	50	39	(11)
	3rd Qtr	22	22	0
	2nd Qtr	14	7	(7)
	1st Qtr	6	7	1
2003-05	8th Qtr	10	2	(8)
	7th Qtr	12		
	6th Qtr	10	2	(8)
	5th Qtr	28	32	4
	4th Qtr	10		
	3rd Qtr	12	12	0
	2nd Qtr	10	4	(6)
	1st Qtr	28	124	96
2001-03	8th Qtr	10	37	27
	7th Qtr	10	20	10
	6th Qtr	10		
	5th Qtr	20	15	(5)
	4th Qtr	10	34	24
	3rd Qtr	10	28	18
	2nd Qtr	10		
	1st Qtr	20	46	26

Goal is 50 per year. Target and actual values are cumulative for the biennium.

Date Measured: 6/30/2007



A007 Conduct Environmental Studies for Pollution Source Identification and Control

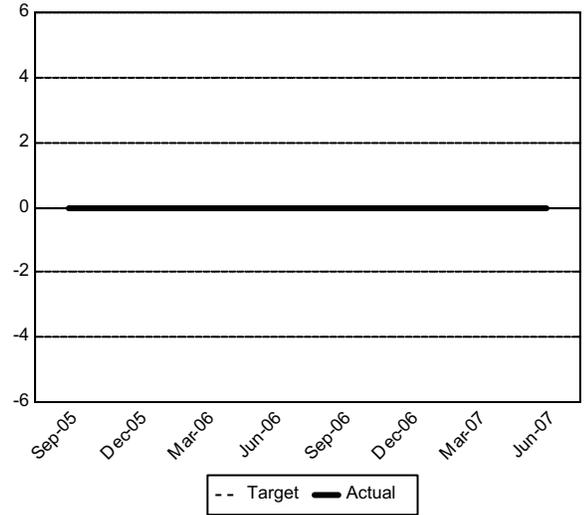
Statewide Result Area: Improve the quality of Washington's natural resources

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

Expected Results

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

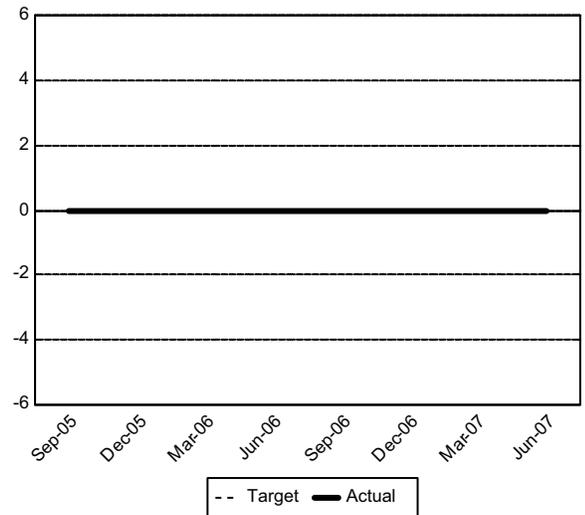
Number of lakes evaluated in water cleanup study reports.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0	0	0
	7th Qtr	0	0	0
	6th Qtr	0	0	0
	5th Qtr	0	0	0
	4th Qtr	0	0	0
	3rd Qtr	0	0	0
	2nd Qtr	0	0	0
	1st Qtr	0	0	0



Date Measured: 6/30/2007

Comment: No lake TMDLs were completed in Q8

Number of marine bays evaluated in water quality cleanup study reports.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0	0	0
	7th Qtr	0	0	0
	6th Qtr	0	0	0
	5th Qtr	0	0	0
	4th Qtr	0	0	0
	3rd Qtr	0	0	0
	2nd Qtr	0	0	0
	1st Qtr	0	0	0



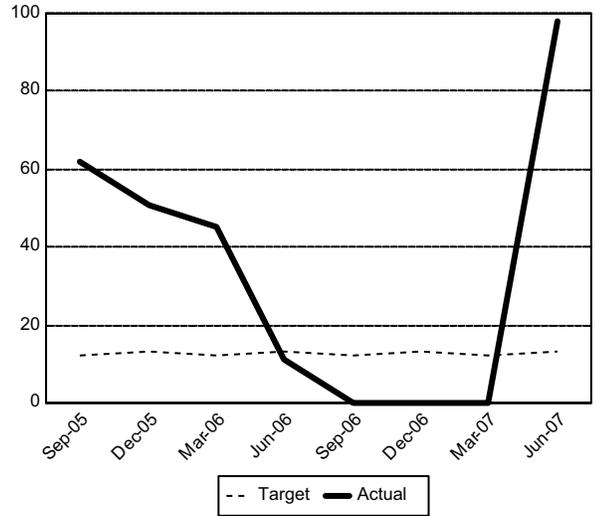
Date Measured: 6/30/2007

Comment: No marine TMDLs were completed in Q8

Number of polluted stream segments and parameters evaluated in water cleanup study reports.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	13	98	85
	7th Qtr	12	0	(12)
	6th Qtr	13	0	(13)
	5th Qtr	12	0	(12)
	4th Qtr	13	11	(2)
	3rd Qtr	12	45	33
	2nd Qtr	13	51	38
	1st Qtr	12	62	50

Stream segments are defined in Ecology's Water Quality Program Policy 1-11. Segments are essentially the portion of a stream lying within a section of a township and range. When a stream segment is evaluated for more than one parameter (e.g. dissolved oxygen and temperature), both are counted for the given segment (i.e. the count = 2).

Date Measured: 6/30/2007



A008 Control Stormwater Pollution

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

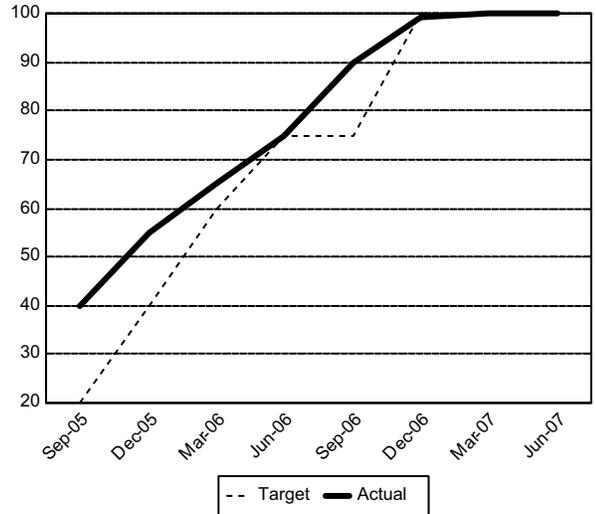
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Reduction in the contamination of streams, rivers, estuaries, lakes, and groundwater from the runoff of stormwater from roads and other impervious surfaces. Administer the stormwater program for the state’s 2,000 construction and industrial stormwater dischargers that require permits. Provide responses to new permit applicants within 45 days of receiving an application. Issue the municipal Phase 1 and Phase 2 permits using stakeholder advisory groups, which will assist nearly 100 jurisdictions with two-thirds of the state’s population. Develop and maintain stormwater manuals for both eastern and western Washington to identify best management practices. Provide web-based information and support for low- and zero-impact development.

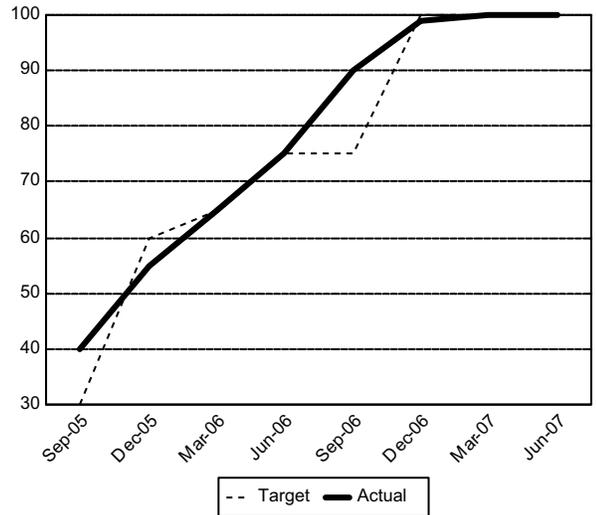
Percent completion of the issuance of the Eastern Washington Phase 2 stormwater permit.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	100%	100%	0%
	7th Qtr	100%	100%	0%
	6th Qtr	100%	99%	(1)%
	5th Qtr	75%	90%	15%
	4th Qtr	75%	75%	0%
	3rd Qtr	60%	65%	5%
	2nd Qtr	40%	55%	15%
	1st Qtr	20%	40%	20%

Date Measured: 6/30/2007



Percent completion of the issuance of the Western Washington Phase 1 and Phase 2 stormwater permits.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	100%	100%	0%
	7th Qtr	100%	100%	0%
	6th Qtr	100%	99%	(1)%
	5th Qtr	75%	90%	15%
	4th Qtr	75%	75%	0%
	3rd Qtr	65%	65%	0%
	2nd Qtr	60%	55%	(5)%
	1st Qtr	30%	40%	10%

Date Measured: 6/30/2007



A009 Eliminate Waste, Promote Material Reuse, and Safely Manage Trash

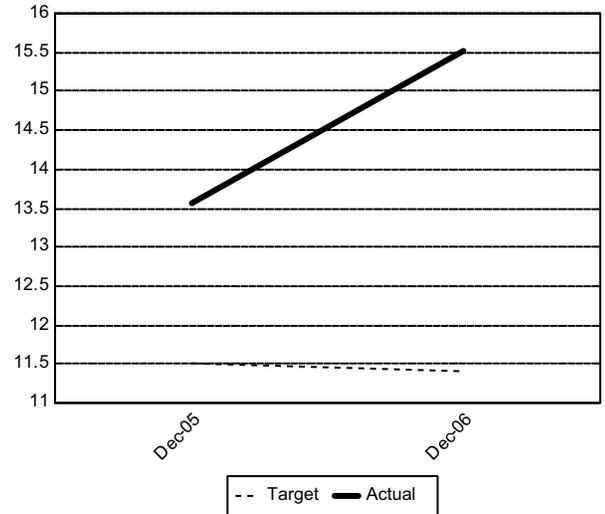
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Solid waste generation per capita decreases, saving businesses and people money, and saving resources for future generations. Develop a long-term strategic plan, including strategic partnerships with business and government, to reduce solid waste and leverage resources. Increase reuse of construction and demolition materials, organic matter, compost, and sludge to save resources and decrease amount of material going to landfills. Reduce generation and use of toxic materials by citizens and industries. Moderate risk waste is appropriately managed and properly disposed of to protect the environment. Increase awareness of the overall impacts of solid waste on public health and the environment.

Million of tons of solid waste generated annually in Washington.				
Biennium	Period	Target	Actual	Variance
2005-07	6th Qtr	11.4	15.52	4.12
	2nd Qtr	11.5	13.57	2.07

Waste generated is the sum of residential and commercial materials that are disposed, recycled or reused.

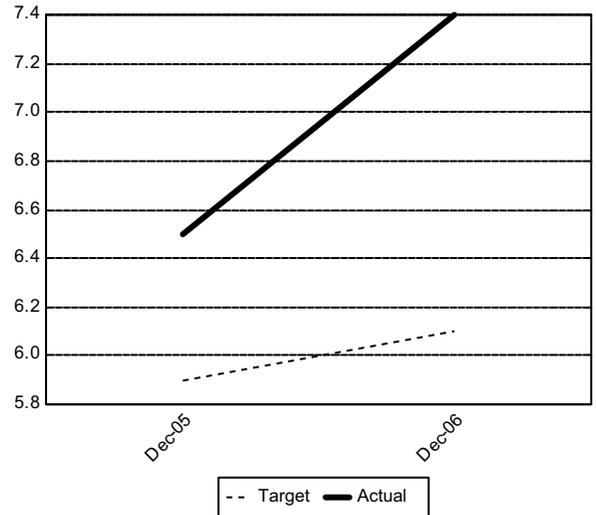


Date Measured: 1/7/2007

Comment: Improved and expanded reporting is leading to higher numbers.

Millions of tons of materials reused or recycled annually.				
Biennium	Period	Target	Actual	Variance
2005-07	6th Qtr	6.1	7.4	1.3
	2nd Qtr	5.9	6.5	0.6

Amount of known materials diverted from landfills for reuse or recycling.

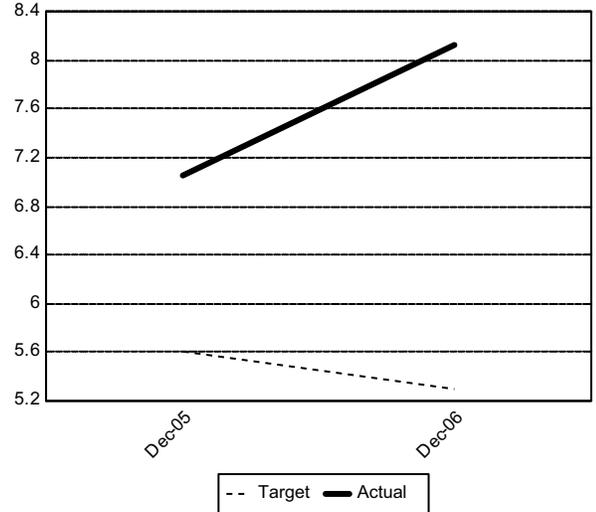


Date Measured: 1/17/2007

Comment: Improved and expanded reporting is leading to higher results.

Millions of tons of solid waste disposed annually by Washington residents and businesses.				
Biennium	Period	Target	Actual	Variance
2005-07	6th Qtr	5.3	8.12	2.82
	2nd Qtr	5.6	7.06	1.46

Amount of residential and commercial solid waste disposed of in landfills.



Date Measured: 1/17/2007

Comment: Improved and expanded reporting is leading to higher figures.

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

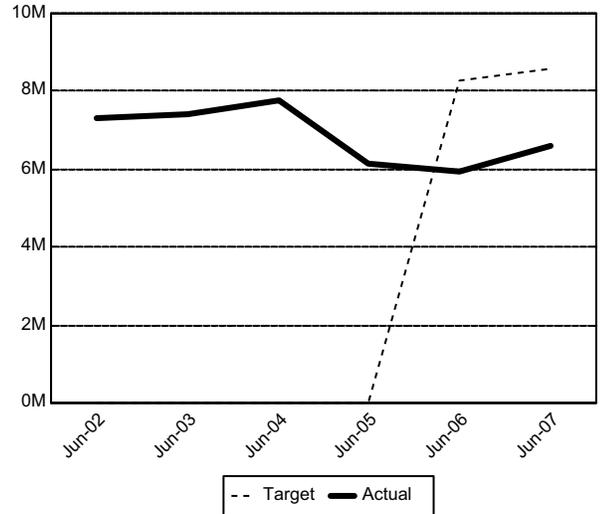
Expected Results

Roads are cleaner, as indicated by a Road Cleanliness Indicator, through prevention campaigns and litter being picked up in a timely manner. Pick up, with local partners, 7,000 tons of litter. Employ 800 youth in litter pick-up. Receive and respond to 20,000 litter hotline calls. Increase litter citations by 10 percent. Conduct a litter survey. Provide \$1.5 million in grants to local governments to clean up litter and illegal dumps. With our partners, pick up litter on over 9,000 miles of roads annually.

Pounds of litter picked up annually.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	8,600,000	6,591,569	(2,008,431)
	4th Qtr	8,300,000	5,914,659	(2,385,341)
2003-05	8th Qtr	0	6,164,141	6,164,141
	4th Qtr	0	7,772,436	7,772,436
2001-03	8th Qtr	0	7,401,004	7,401,004
	4th Qtr	0	7,314,664	7,314,664

Combined litter pick-up from state and local agencies.

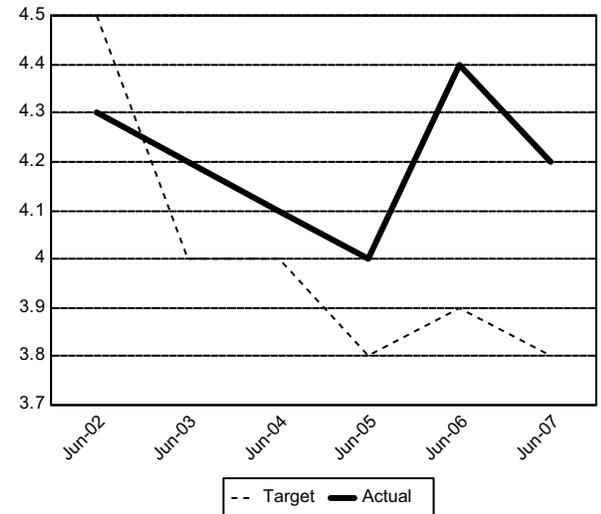
Comment: Calendar Year 2006 in pounds



Road cleanliness rating (1=cleanest:6=very littered)				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	3.8	4.2	0.4
	4th Qtr	3.9	4.4	0.5
2003-05	8th Qtr	3.8	4	0.2
	4th Qtr	4	4.1	0.1
2001-03	8th Qtr	4	4.2	0.2
	4th Qtr	4.5	4.3	(0.2)

The average road cleanliness rating reflects the amount of visible litter on a cross section of Washington's roads (measured by the Department of Transportation).

Comment: Calendar Year 2006 rating



A011 Ensure Dam Safety

Statewide Result Area: Improve the safety of people and property

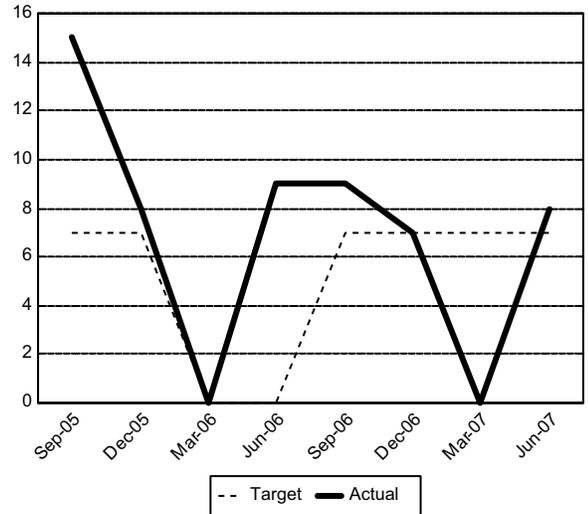
Statewide Strategy: Prevent accidents and prepare for emergencies

Expected Results

Reduce the risk of potentially catastrophic dam failures for the safety of people and property located below dams.

Inspect 48 high-hazard dams, 46 significant-hazard dams, and 20 low-hazard dams.

Number of high hazard dams inspected				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	7	8	1
	7th Qtr	7	0	(7)
	6th Qtr	7	7	0
	5th Qtr	7	9	2
	4th Qtr	0	9	9
	3rd Qtr	0	0	0
	2nd Qtr	7	8	1
	1st Qtr	7	15	8



Date Measured: 6/30/2007

Comment: Beehive Reservoir Main & Saddle Dams (Wenatchee); Wenas Dam (Selah); Meadow Lk Dam (Malaga); Trossachs Detention Ponds PC-2 and PC-3 (King Cty.); Welcome Lk Dam (Bear Ck nr Redmond), & Issaquah Highlands NP2.

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

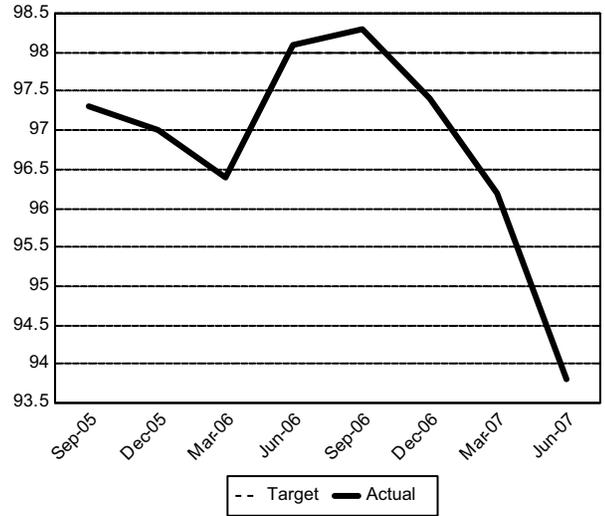
Expected Results

Environmental laboratories submitting data to the Departments of Ecology and Health have the demonstrated capability to provide accurate and defensible data. Evaluate and accredit over 480 environmental laboratories in 29 states and three provinces, including 92 drinking water laboratories. Ensure 100 percent acceptable performance testing analyses for major permitted wastewater discharge laboratories. Regulated laboratories maintain successful quality programs. Environmental labs and public health decisions are based on accurate and defensible scientific data.

Percent of acceptable proficiency testing analyses completed by 95 representative accredited laboratories (of 480 labs in the program).				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	98%	93.8%	(4.2)%
	7th Qtr	98%	96.2%	(1.8)%
	6th Qtr	98%	97.4%	(0.6)%
	5th Qtr	98%	98.3%	0.3%
	4th Qtr	98%	98.1%	0.1%
	3rd Qtr	98%	96.4%	(1.6)%
	2nd Qtr	98%	97%	(1)%
	1st Qtr	98%	97.3%	(0.7)%

Standardized unknown samples analyzed at accredited commercial and public environmental laboratories to test for accuracy of analysis.

Date Measured: 6/30/2007



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

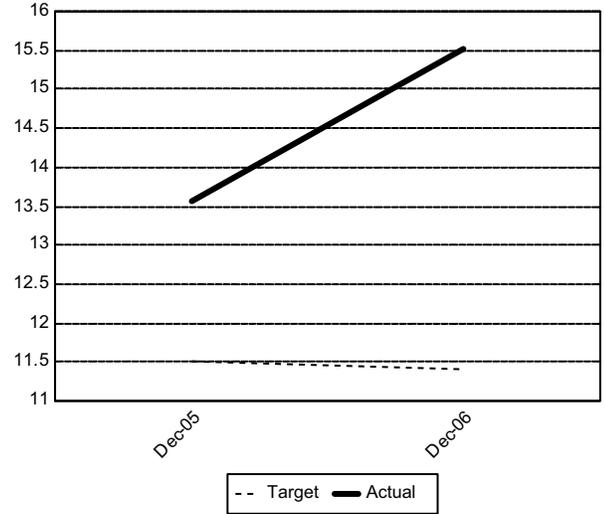
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Grant funding is provided to local governments for cleaning up contaminated waste sites for redevelopment and for local solid waste and recycling programs. Funding is also provided to citizens for public participation in the clean up of toxic waste sites. Provide and manage over \$95 million in grants to local governments, leveraging approximately \$42 million in local government resources. Provide technical assistance for about 160 agreements with about 400 projects. Collect over 25 million pounds of moderate risk waste each biennium for proper recycling or disposal at moderate risk waste collection facilities funded through Coordinated Prevention Grants. Manage grant funds to local jurisdictional health departments to ensure that approximately 350 solid waste facilities statewide are in compliance with regulatory standards. Provide and manage funding for the clean up of toxic sites and drinking water systems. Provide access and information to citizens about local cleanup activities.

Million of tons of solid waste generated annually in Washington.				
Biennium	Period	Target	Actual	Variance
2005-07	6th Qtr	11.4	15.52	4.12
	2nd Qtr	11.5	13.57	2.07

Waste generated is the sum of residential and commercial materials that are disposed, recycled or reused.

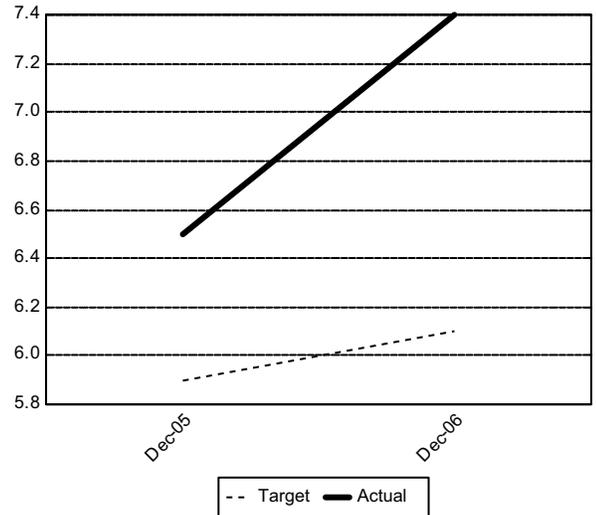


Date Measured: 1/7/2007

Comment: Improved and expanded reporting is leading to higher numbers.

Millions of tons of materials reused or recycled annually.				
Biennium	Period	Target	Actual	Variance
2005-07	6th Qtr	6.1	7.4	1.3
	2nd Qtr	5.9	6.5	0.6

Amount of known materials diverted from landfills for reuse or recycling.

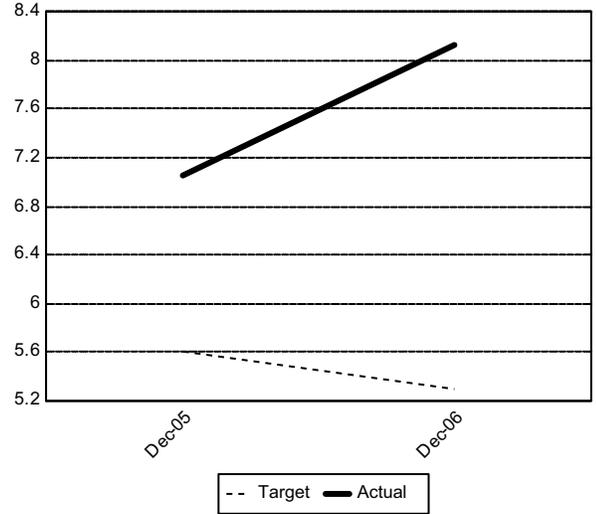


Date Measured: 1/17/2007

Comment: Improved and expanded reporting is leading to higher results.

Millions of tons of solid waste disposed annually by Washington residents and businesses.				
Biennium	Period	Target	Actual	Variance
2005-07	6th Qtr	5.3	8.12	2.82
	2nd Qtr	5.6	7.06	1.46

Amount of residential and commercial solid waste disposed of in landfills.



Date Measured: 1/17/2007

Comment: Improved and expanded reporting is leading to higher figures.

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

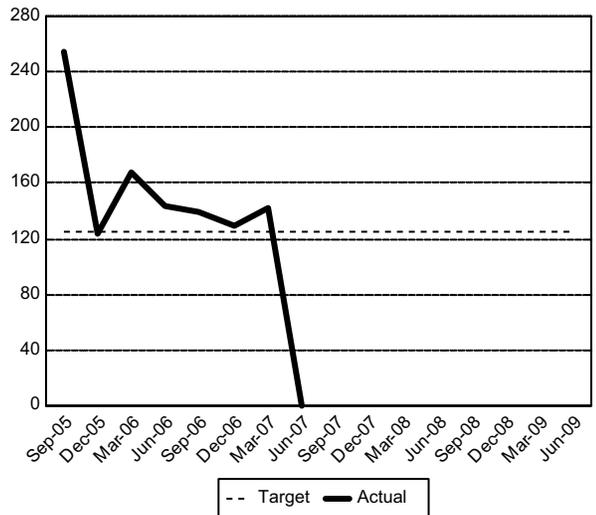
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Public use of the air, soil, and water at Hanford will be restored, and human and environmental risks associated with past Hanford activities are removed or reduced.

Tons of radioactive and/or chemically contaminated soil & debris removed and securely disposed at Hanford.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	125	0	(125)
	7th Qtr	125	142	17
	6th Qtr	125	130	5
	5th Qtr	125	140	15
	4th Qtr	125	143	18
	3rd Qtr	125	168	43
	2nd Qtr	125	123	(2)
	1st Qtr	125	254	129

Measured in Tons



Date Measured: 6/30/2007

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

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

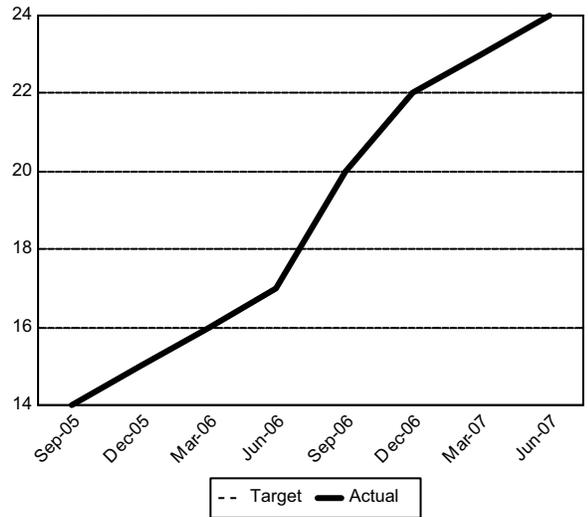
Expected Results

All major facilities on the Hanford Site will be decontaminated and decommissioned, and either demolished or placed into a long-term safe storage configuration.

Decontaminate and decommission the plutonium finishing plant on Hanford on schedule by 2016. (percent complete)				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	24%	24%	0%
	7th Qtr	23%	23%	0%
	6th Qtr	22%	22%	0%
	5th Qtr	20%	20%	0%
	4th Qtr	17%	17%	0%
	3rd Qtr	16%	16%	0%
	2nd Qtr	15%	15%	0%
	1st Qtr	14%	14%	0%

Decontaminate and dismantle the 232-Z building

Date Measured: 6/30/2007



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

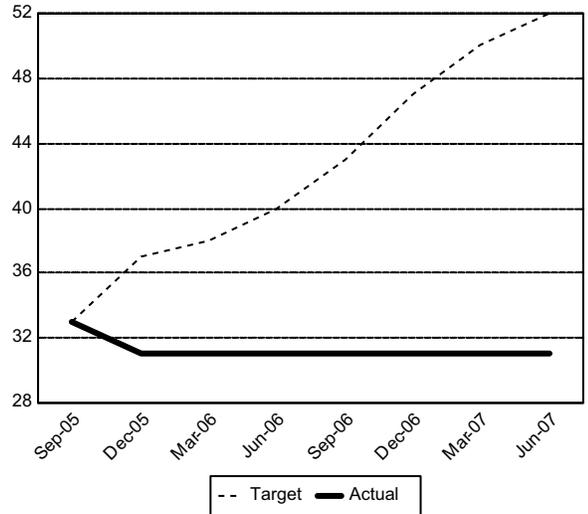
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

By 2028, 53 million gallons of high-level radioactive mixed waste from Hanford's interim storage tanks will be retrieved and treated. The Hanford Tank Waste Treatment Plant will be operating by January 2011.

Percent of the Hanford tank waste treatment plant construction completed.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	52%	31%	(21)%
	7th Qtr	50%	31%	(19)%
	6th Qtr	47%	31%	(16)%
	5th Qtr	43%	31%	(12)%
	4th Qtr	40%	31%	(9)%
	3rd Qtr	38%	31%	(7)%
	2nd Qtr	37%	31%	(6)%
	1st Qtr	33%	33%	0%

*Completion percentage is compared to construction schedule.
Milestones require operation of the treatment plant by 2011.*



Date Measured: 6/30/2007

Comment: USDOE stopped construction. Ecology and USDOE are focusing on design work. Ecology is initiating negotiations

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

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

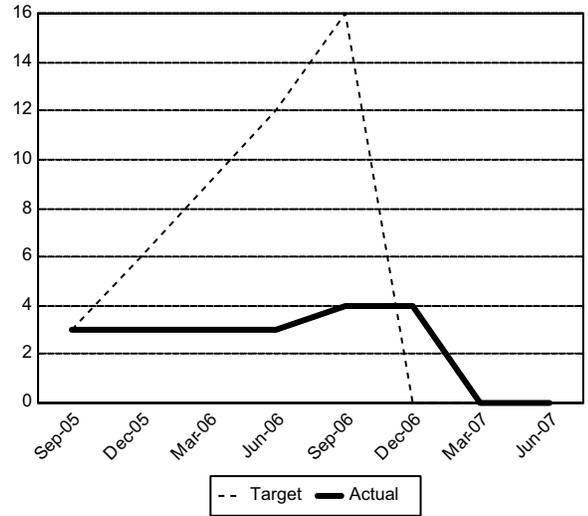
Expected Results

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.

Number of tanks containing radioactive hazardous waste emptied at Hanford's "C-Tank Farm"				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0	0	0
	7th Qtr	0	0	0
	6th Qtr	0	4	4
	5th Qtr	16	4	(12)
	4th Qtr	12	3	(9)
	3rd Qtr	9	3	(6)
	2nd Qtr	6	3	(3)
	1st Qtr	3	3	0

1) Tank waste is being moved from single walled tanks to double walled tanks. 2) The schedule is included in Hanford Consent order. 3) USDOE work schedules may not meet milestones.

Date Measured: 6/30/2007



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

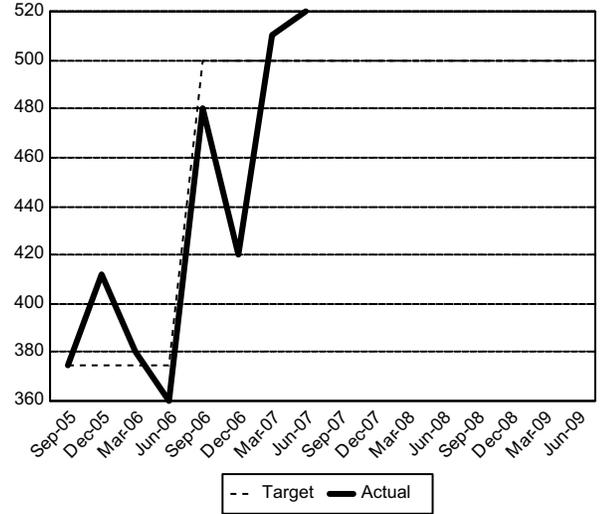
Expected Results

Treat and dispose 2.6 billion gallons of liquid waste and 35 million cubic feet of solid wastes by 2017 to significantly reduce the risks posed to Hanford workers and the environment.

Amount of transuranic waste removed from the low level burial grounds at Hanford. (cubic meters)				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	500	520	20
	7th Qtr	500	510	10
	6th Qtr	500	420	(80)
	5th Qtr	500	480	(20)
	4th Qtr	375	360	(15)
	3rd Qtr	375	380	5
	2nd Qtr	375	412	37
	1st Qtr	375	375	0

*Measured in cubic meters.
Transuranic waste is radioactive waste containing elements that are higher than Uranium on the periodic chart of the elements.*

Date Measured: 6/30/2006



A019 Improve Community Access to Hazardous Substance and Waste Information

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

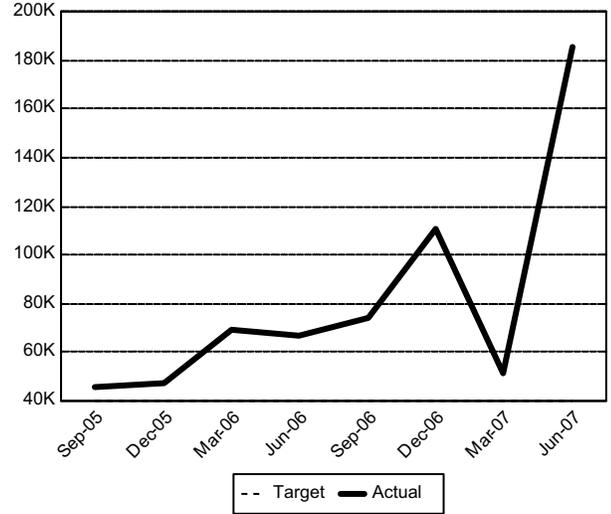
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Hazardous waste data (type, location, volume, etc.) is readily available to emergency responders, local governments, citizens, and decision makers. Improve website and public access to hazardous waste information. Respond to over 9,500 phone calls for assistance annually through the hazardous assistance hotline. Issue the "Shoptalk" newsletter to 25,000 businesses. Develop 40 new or revised publications for businesses annually. Assist the State Emergency Response Commission and local emergency planning committees with data on chemicals and hazardous substances. Collect and analyze 7,000 hazardous waste reports annually from businesses. Provide guidance to agency staff and local governments on environmental justice issues.

Increase marketing and public access to hazardous waste web sites.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	40,000	185,301	145,301
	7th Qtr	40,000	50,996	10,996
	6th Qtr	40,000	110,719	70,719
	5th Qtr	40,000	74,293	34,293
	4th Qtr	40,000	66,439	26,439
	3rd Qtr	40,000	68,996	28,996
	2nd Qtr	40,000	47,489	7,489
	1st Qtr	40,000	45,834	5,834

Measured by number of unique visits to hazardous waste web sites per quarter.



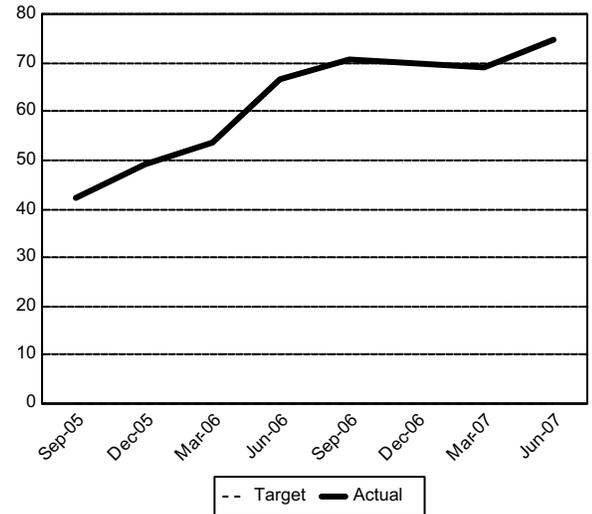
A020 Improve Quality of Data Used for Environmental Decision Making

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 decisions are made based upon accurate, reliable, and timely data. All environmental monitoring plans are reviewed by peers, completed before sampling begins, and posted to the Internet. Credible scientific data are collected to inform environmental policy decisions. Technical assistance is provided to four local grant recipients each quarter. Local government grant recipients provide high-quality data to Ecology.

Percent of data results in Ecology's Environmental Information Management database associated with studies meeting the highest quality assurance levels				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0%	74.9%	74.9%
	7th Qtr	0%	69%	69%
	6th Qtr	0%	69.9%	69.9%
	5th Qtr	0%	70.5%	70.5%
	4th Qtr	0%	66.6%	66.6%
	3rd Qtr	0%	53.8%	53.8%
	2nd Qtr	0%	49.2%	49.2%
	1st Qtr	0%	42.1%	42.1%



Date Measured: 6/30/2007

A021 Increase Compliance and Act on Environmental Threats from Hazardous Waste

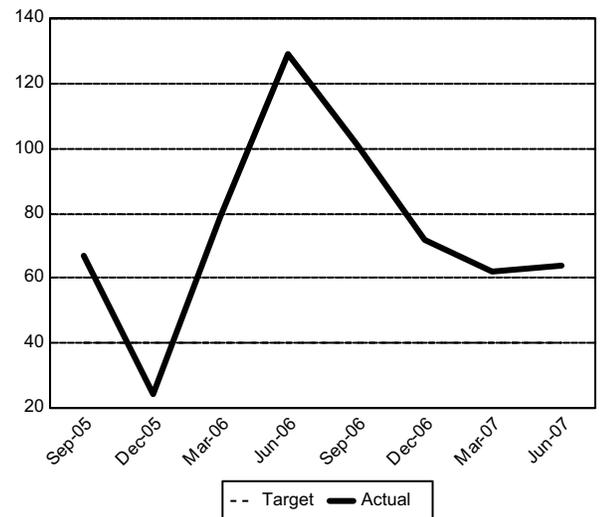
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Improved facility compliance in managing hazardous wastes for the protection of public health and the environment when other voluntary efforts fail. Improve compliance by an increase in the number of facilities that have few or no violations. Conduct 320 compliance inspections annually (including 15 treatment, storage, and disposal facilities; 17 recyclers; and 70 large quantity hazardous waste generators). Issue penalties and regulatory orders when necessary. Respond to approximately 180 complaints regarding hazardous wastes or substances. Investigate and respond to environmental crimes (illegal dumping, falsifying records, etc.).

Number of targeted inspections to find and resolve all significant hazardous waste environmental threats.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	40	64	24
	7th Qtr	40	62	22
	6th Qtr	40	72	32
	5th Qtr	40	101	61
	4th Qtr	40	129	89
	3rd Qtr	40	79	39
	2nd Qtr	40	24	(16)
	1st Qtr	40	67	27

Focused inspections on the four highest priority environmental threats in hazardous waste management including spill, disposal, waste designation, and container violations.



A022 Increase Safe Hazardous Waste Management Through Technical Assistance

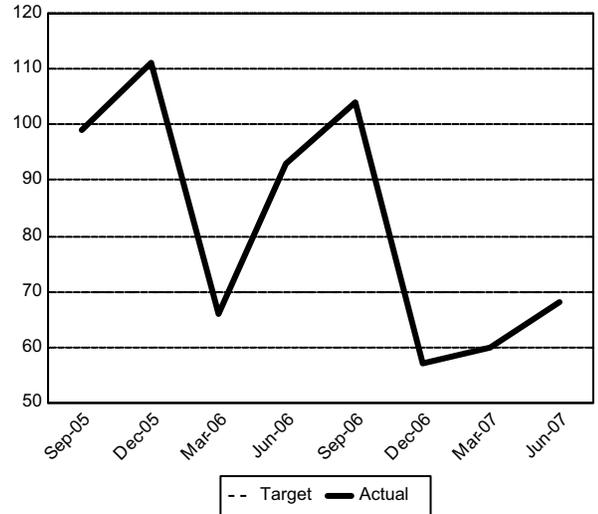
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Hazardous waste is safely managed, the public is protected, and businesses are in compliance with state hazardous waste laws. This includes conducting 376 compliance technical assistance visits annually. Assisting businesses with determining how to manage their wastes safely. Conducting annual workshops to explain regulatory requirements and best management practices. Adopting rules that provide the best environmental protection while being flexible to meet business needs. Increasing the number of facilities that achieve and stay in compliance with regulatory requirements. Visiting new businesses to explain hazardous waste requirements.

Number of technical assistance visits prioritized for Beyond Waste sectors.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	70	68	(2)
	7th Qtr	70	60	(10)
	6th Qtr	70	57	(13)
	5th Qtr	70	104	34
	4th Qtr	70	93	23
	3rd Qtr	70	66	(4)
	2nd Qtr	70	111	41
	1st Qtr	70	99	29

Sectors are similar types of businesses that receive technical assistance to help them reduce their hazardous substance use and to improve safe management of their wastes (for example, sectors include business types such as dry cleaners, electroplaters, hospitals, metal finishers, circuit board manufacturers, auto body shops, wood finishers, etc.).



A023 Manage Underground Storage Tanks to Minimize Releases

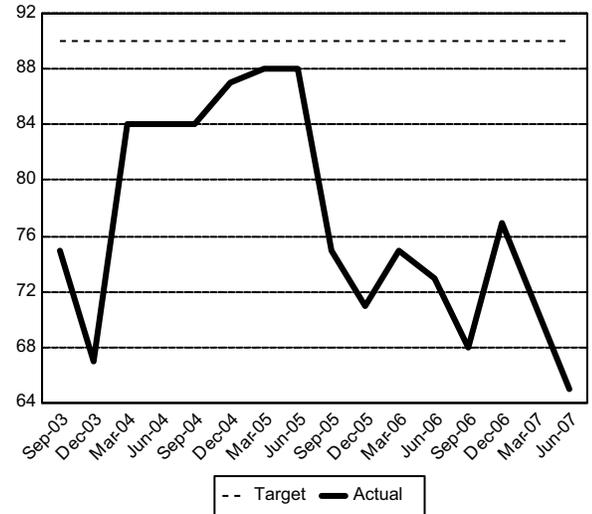
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

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

Percent of inspected underground storage tank sites in compliance with state requirements within 60 days of inspection.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	90%	65%	(25)%
	7th Qtr	90%	71%	(19)%
	6th Qtr	90%	77%	(13)%
	5th Qtr	90%	68%	(22)%
	4th Qtr	90%	73%	(17)%
	3rd Qtr	90%	75%	(15)%
	2nd Qtr	90%	71%	(19)%
	1st Qtr	90%	75%	(15)%
	2003-05	8th Qtr	90%	88%
7th Qtr		90%	88%	(2)%
6th Qtr		90%	87%	(3)%
5th Qtr		90%	84%	(6)%
4th Qtr		90%	84%	(6)%
3rd Qtr		90%	84%	(6)%
2nd Qtr		90%	67%	(23)%
1st Qtr		90%	75%	(15)%
Goal is 90%				

Date Measured: 7/31/2007



A024 Manage Water Rights

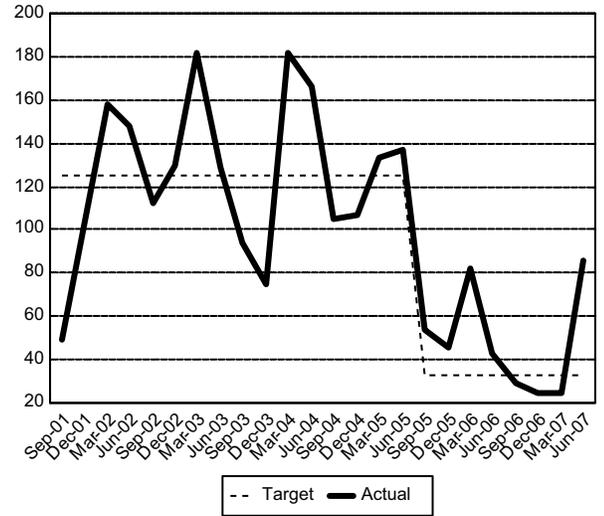
Statewide Result Area: Improve the quality of Washington’s natural resources

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. 1,000 water right change permit decisions made during the 2003-05 Biennium. 300 new water right permit decisions made during the 2003-05 Biennium. Implement new municipal water right provisions with the Department of Health.

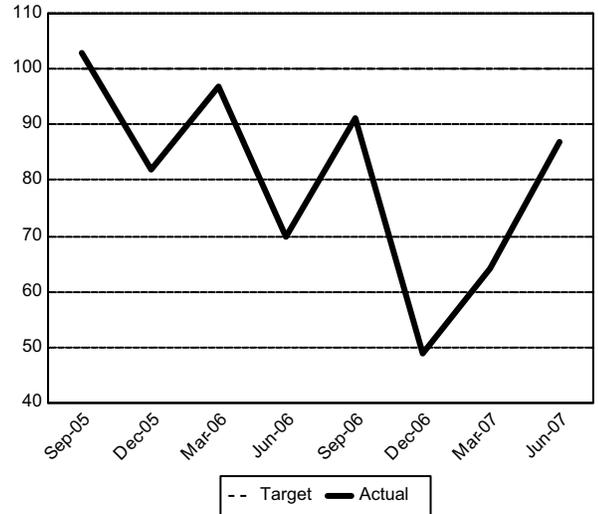
Number of new water right decisions completed				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	32.5	86	53.5
	7th Qtr	32.5	25	(7.5)
	6th Qtr	32.5	25	(7.5)
	5th Qtr	32.5	29	(3.5)
	4th Qtr	32.5	43	10.5
	3rd Qtr	32.5	82	49.5
	2nd Qtr	32.5	46	13.5
	1st Qtr	32.5	54	21.5
2003-05	8th Qtr	125	137	12
	7th Qtr	125	133	8
	6th Qtr	125	107	(18)
	5th Qtr	125	105	(20)
	4th Qtr	125	166	41
	3rd Qtr	125	182	57
	2nd Qtr	125	75	(50)
	1st Qtr	125	94	(31)
2001-03	8th Qtr	125	129	4
	7th Qtr	125	182	57
	6th Qtr	125	130	5
	5th Qtr	125	112	(13)
	4th Qtr	125	148	23
	3rd Qtr	125	158	33
	2nd Qtr	125	101	(24)
	1st Qtr	125	49	(76)



Date Measured: 6/30/2007

Comment: We were able to batch process similar water rights in WRIA 14 (Summit Lk.) and WRIA 41 (Quincy Basin).

Number of water right change decisions completed				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	100	87	(13)
	7th Qtr	100	64	(36)
	6th Qtr	100	49	(51)
	5th Qtr	100	91	(9)
	4th Qtr	100	70	(30)
	3rd Qtr	100	97	(3)
	2nd Qtr	100	82	(18)
	1st Qtr	100	103	3



Date Measured: 6/30/2007

A025 Measure Air Pollution Levels and Emissions

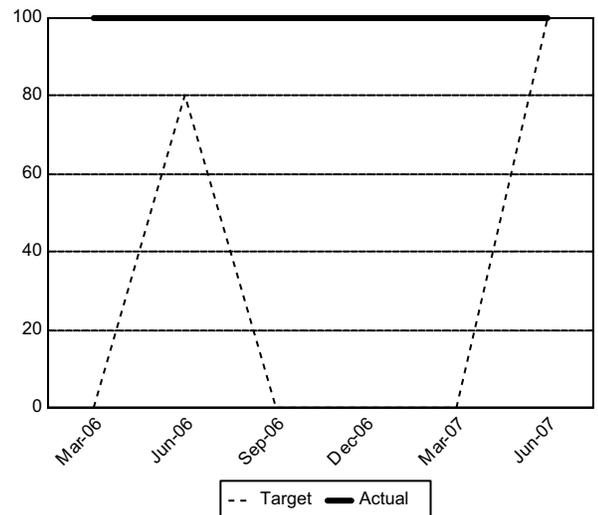
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Provide good science and natural resource monitoring data to support decision-making

Expected Results

Accurate and comprehensive air quality data are gathered, maintained, and evaluated over time to ensure informed policy decisions. Conduct annual network review and modifications to meet air quality needs. No one is exposed to violations of standards. Adequate data are available to policy makers. Provide leadership to establish regional consortium for air quality forecast modeling. Continually improve emissions data and modeling tools to predict air quality levels, impacts and trends. Participate in region-wide, trans-boundary efforts to characterize air quality patterns. Provide support of ambient air monitoring sites in cooperation with outside agencies.

Percent of statewide population living where air quality is routinely measured or modeled.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	100%	100%	0%
	7th Qtr	0%	100%	100%
	6th Qtr	0%	100%	100%
	5th Qtr	0%	100%	100%
	4th Qtr	80%	100%	20%
	3rd Qtr	0%	100%	100%

Performance measured annually.



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

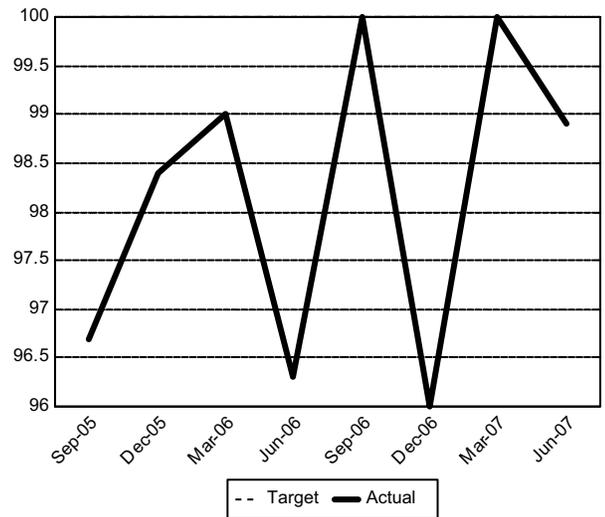
Expected Results

Operation of a full-service environmental testing laboratory that provides defensible and accurate analytical and sampling support to the agency and other state and local governments. Maintain the goal of achieving 100 percent acceptable performance testing results. Provide scientifically sound data sampling results to clients as a basis for making environmental decisions.

Percent of acceptable proficiency testing analyses completed by Ecology's Manchester Environmental Laboratory.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	100%	98.9%	(1.1)%
	7th Qtr	100%	100%	0%
	6th Qtr	100%	96%	(4)%
	5th Qtr	100%	100%	0%
	4th Qtr	100%	96.3%	(3.7)%
	3rd Qtr	100%	99%	(1)%
	2nd Qtr	100%	98.4%	(1.6)%
	1st Qtr	100%	96.7%	(3.3)%

Standardized unknown samples analyzed by the Ecology Manchester laboratory to test for accuracy of analysis.

Date Measured: 6/30/2007



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

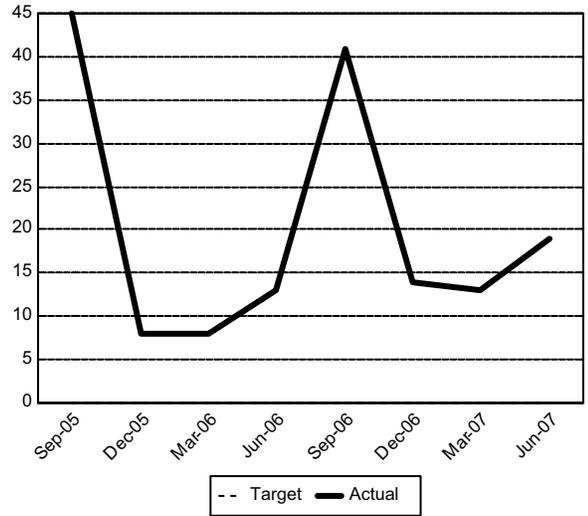
Expected Results

The health of freshwater rivers, streams, lakes, marine and estuarine water, and marine sediments are assessed statewide. Collect monthly samples from 82 freshwater and 35 marine water sites. Collect annual samples from 75 random, representative freshwater sites and 40 marine sites. Measure near real-time stream flows at 62 sites in critical salmon basins, and continuous flows at 75 other sites statewide. Provide real-time stream flow data to watershed and salmon managers via the agency’s website. Alert regional office staff, the Department of Health, the Puget Sound Action Team, and the public to emerging water quality problems, trends, and fecal coliform contamination. Track and assess the effectiveness of water clean-up activities.

Percent of ambient monitoring stations not meeting water quality criteria.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0%	19%	19%
	7th Qtr	0%	13%	13%
	6th Qtr	0%	14%	14%
	5th Qtr	0%	41%	41%
	4th Qtr	0%	13%	13%
	3rd Qtr	0%	8%	8%
	2nd Qtr	0%	8%	8%
	1st Qtr	0%	45%	45%

Based upon 62 long-term, core river and stream monitoring stations.

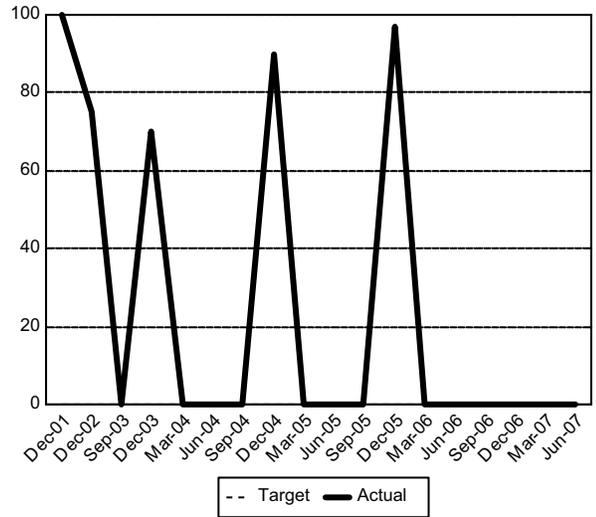
Date Measured: 6/30/2007



Percent of monitored sites not meeting water quality criteria for fish tissue.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0%	0%	0%
	7th Qtr	0%	0%	0%
	6th Qtr	0%	0%	0%
	5th Qtr	0%	0%	0%
	4th Qtr	0%	0%	0%
	3rd Qtr	0%	0%	0%
	2nd Qtr	0%	97%	97%
	1st Qtr	0%	0%	0%
2003-05	8th Qtr	0%	0%	0%
	7th Qtr	0%	0%	0%
	6th Qtr	0%	90%	90%
	5th Qtr	0%	0%	0%
	4th Qtr	0%	0%	0%
	3rd Qtr	0%	0%	0%
	2nd Qtr	0%	70%	70%
	1st Qtr	0%	0%	0%
2001-03	6th Qtr	0%	75%	75%
	2nd Qtr	0%	100%	100%

Date Measured: 6/30/2007

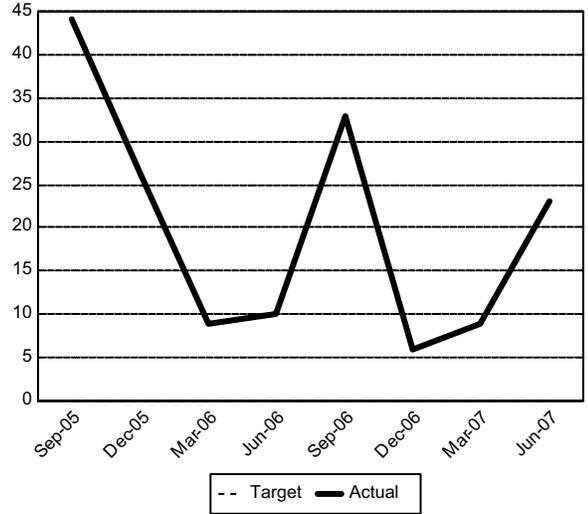
Comment: 2006 report not available yet



Percent of monitored stream flows below critical flow levels.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0%	23%	23%
	7th Qtr	0%	9%	9%
	6th Qtr	0%	6%	6%
	5th Qtr	0%	33%	33%
	4th Qtr	0%	10%	10%
	3rd Qtr	0%	9%	9%
	2nd Qtr	0%	26%	26%
	1st Qtr	0%	44%	44%

Defined as the 20th percentile of historic flow

Date Measured: 6/30/2007



A028 Provide a One Stop Shop to the State's Largest Industrial Facilities for Environ

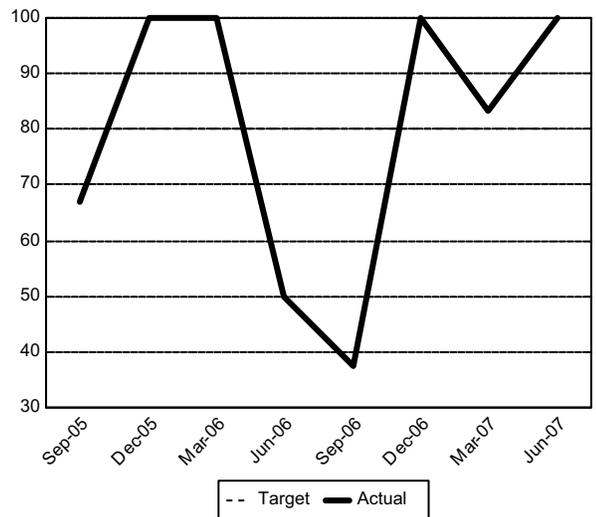
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Improved compliance with environmental standards at pulp and paper facilities, oil refineries, and aluminum smelters throughout the state. Provide one-stop environmental permitting, compliance, and technical assistance to three major industry sectors. Maintain a 90 percent rate of current permits. Plant permits comply with federal standards, which drive emissions down over time. Develop a strategy to simplify the restart of Washington’s aluminum smelters. Permitted pollution levels continue to decline.

Percent of industrial section permit actions that meet the agency timeliness goals.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	80%	100%	20%
	7th Qtr	80%	83.3%	3.3%
	6th Qtr	80%	100%	20%
	5th Qtr	80%	37.5%	(42.5)%
	4th Qtr	80%	50%	(30)%
	3rd Qtr	80%	100%	20%
	2nd Qtr	80%	100%	20%
	1st Qtr	80%	67%	(13)%

Date Measured: 8/2/2007



A029 Prepare and Respond to Drought and Climate Change

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

Expected Results

Mitigation of drought effects through improved planning, communication, coordination, and loss prevention efforts.
 Increased number of temporary water right permits processed during periods of drought.

A030 Prepare for Aggressive Response to Oil and Hazardous Material Incidents

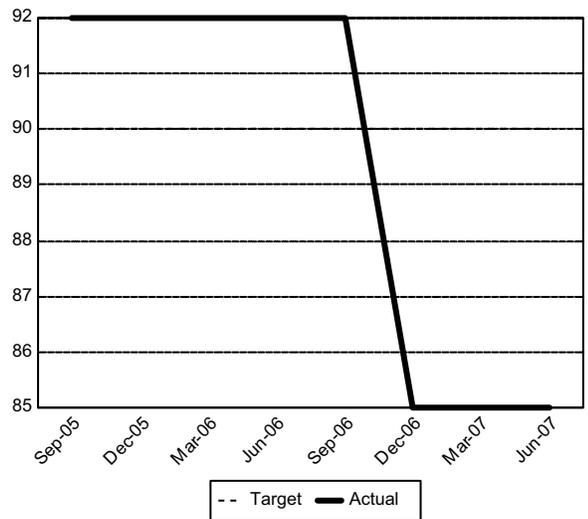
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

The agency and regulated community are fully prepared to promptly respond to and mitigate the impacts of oil spills. Enhance the capability of regional spill response teams. Approve oil spill contingency plans. Complete 60 percent of new internal DRILLTRAC training (spill responder training and certification program). Complete 100 percent of required oil spill drills to ensure all plan holders are able to mount effective actions in response to oil spills to surface or ground water. Update the Northwest Area Plan (single plan among several agencies on how spills are managed). Develop one new inland Geographic Response Plan.

Percent of Ecology Spills Program staff trained to participate in the state Incident Management Assist Team (to ensure effective management of major spill incidents).				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	90%	85%	(5)%
	7th Qtr	90%	85%	(5)%
	6th Qtr	90%	85%	(5)%
	5th Qtr	90%	92%	2%
	4th Qtr	90%	92%	2%
	3rd Qtr	90%	92%	2%
	2nd Qtr	90%	92%	2%
	1st Qtr	90%	92%	2%

Date Measured: 7/31/2007



A031 Prevent Hazardous Waste Pollution Through Permitting, Closure, and Correctiv

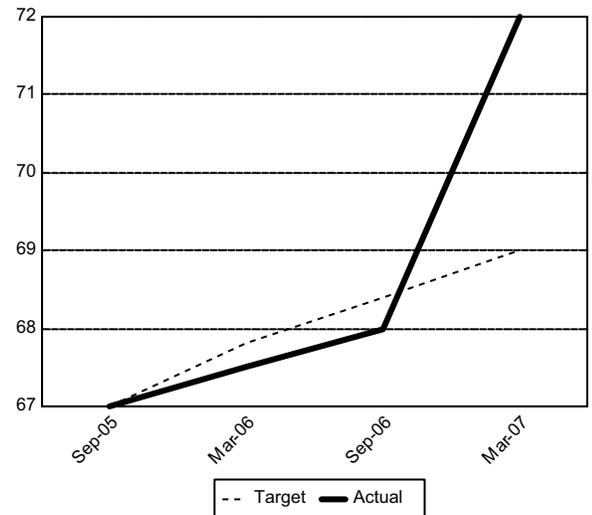
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Assurance that facilities treating, storing or disposing of hazardous wastes are constructed and operating properly to prevent soil, water, or air contamination. Issue protective permits for hazardous waste management facilities. Process permit modifications for facilities that want to change or expand operations for treating, storing, or disposing of hazardous wastes. Increase by 8 percent annually the goal toward complete cleanup or remediation at 27 high priority facilities. Improve compliance at treatment, storage and disposal facilities. Prevent future abandoned facilities requiring cleanup by proposing statutory and regulatory improvements for Washington’s waste management system. Address proper financial assurance requirements at used oil processors and recyclers to ensure the state doesn't have to pick up the tab when these facilities are abandoned.

Percent progress toward formal corrective action activities.				
Biennium	Period	Target	Actual	Variance
2005-07	7th Qtr	69%	72%	3%
	5th Qtr	68.4%	68%	(0.4)%
	3rd Qtr	67.8%	67.5%	(0.3)%
	1st Qtr	67%	67%	0%

Corrective action is what happens at hazardous waste treatment, storage and disposal (TSD) facilities that need cleanup. Corrective action includes activities such as facility assessment, remedial investigation, sampling, soil & groundwater assessments, feasibility studies, cleanup action plans, corrective measures implementation, and long-term monitoring and remediation.



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

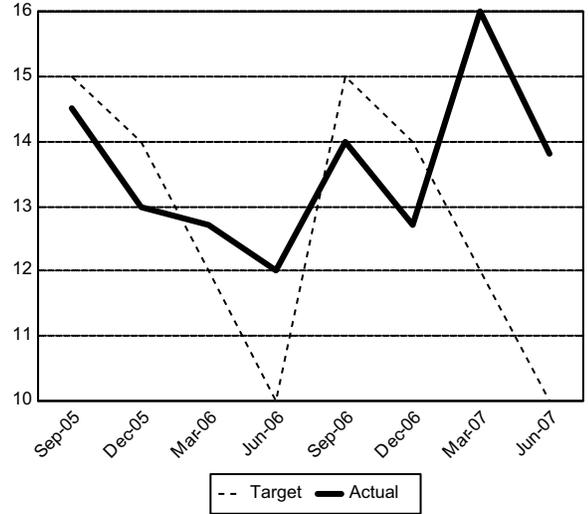
Expected Results

Surface and groundwater resources meet federal and state water quality standards for the protection of human health and the environment (supply/use, public health, aquatic life, recreation, habitat, and commerce). Reduce the amount and toxicity of water pollution by administering the permit program for 2,300 permit holders. Issue or renew 85 National Pollution Discharge Elimination System wastewater discharge permits per year. Reduce the backlog of permit requests and provide responses to new permit applicants within 60 days. Develop eight general permits for 1,400 dischargers. Conduct 700 site visits per year. Provide certification for 2,000 wastewater plant operators. Assist communities in increasing the production and use of reclaimed wastewater. Reduce the number of repeat violators (five or more violations per year). Administer the \$25 million Permit Fee Account.

Percent backlog in issuing water discharge permits (national pollutant discharge elimination system permits).				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	10%	13.8%	3.8%
	7th Qtr	12%	16%	4%
	6th Qtr	14%	12.7%	(1.3)%
	5th Qtr	15%	14%	(1)%
	4th Qtr	10%	12%	2%
	3rd Qtr	12%	12.7%	0.7%
	2nd Qtr	14%	13%	(1)%
	1st Qtr	15%	14.5%	(0.5)%

Goal is 10%

Date Measured: 6/30/2007



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

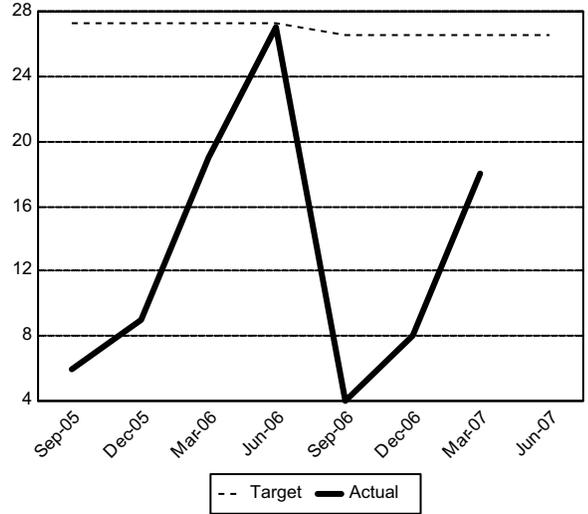
Expected Results

Oil and chemical spills from vessels and oil handling facilities are minimized and avoided through risk management, the Neah Bay Rescue Tugboat, and targeted inspections. Conduct 1,000 inspections focused on high-risk commercial vessels. Enroll 60 percent of all tank vessels in the voluntary Best Achievable Protection program to prevent oil spills. Reduce the number of spills where 25 or more gallons of oil enter surface waters. Reduce the total volume of oil entering surface waters. Reduce the percentage of vessels having incidents that can lead to spills (for instance, power loss). Assist vessels as needed with the Neah Bay Rescue Tug. Increase prevention emphasis on non-regulated entities. Initiate a study of the oil tanker escort system. Eliminate intentional waste oil discharges from vessels.

Number of oil spills that enter surface waters in the range of 25 to 10,000 gallons.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	26.6		
	7th Qtr	26.6	18	(8.6)
	6th Qtr	26.6	8	(18.6)
	5th Qtr	26.6	4	(22.6)
	4th Qtr	27.3	27	(0.3)
	3rd Qtr	27.3	19	(8.3)
	2nd Qtr	27.3	9	(18.3)
	1st Qtr	27.3	6	(21.3)

Actuals are cumulative from the start of the fiscal year.

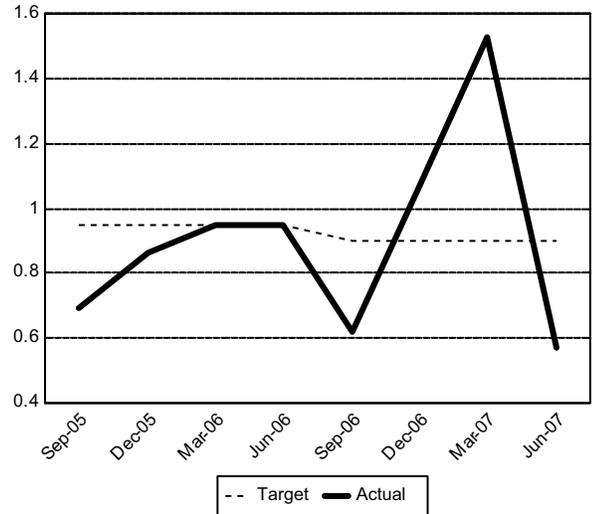
Date Measured: 4/30/2007



Percent of large regulated vessels entering state waters that have spills and casualties.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0.9%	0.57%	(0.33)%
	7th Qtr	0.9%	1.53%	0.63%
	6th Qtr	0.9%	1.07%	0.17%
	5th Qtr	0.9%	0.62%	(0.28)%
	4th Qtr	0.95%	0.95%	0%
	3rd Qtr	0.95%	0.95%	0%
	2nd Qtr	0.95%	0.86%	(0.09)%
	1st Qtr	0.95%	0.69%	(0.26)%

Actuals are quarterly values.

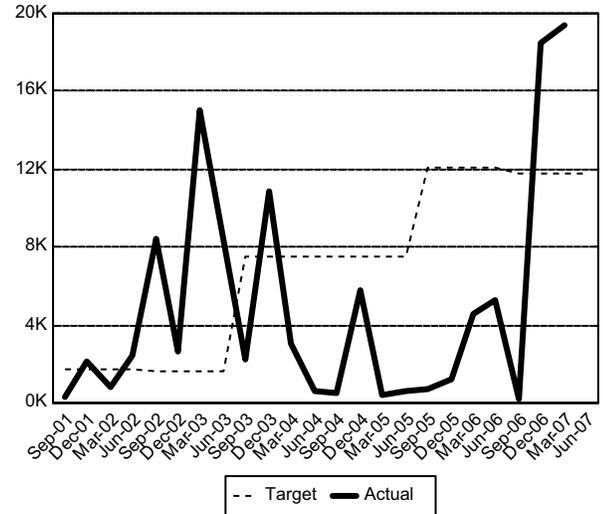
Date Measured: 7/31/2007



Total volume of oil that enters surface waters from spills in the range of 25 to 10,000 gallons.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	11,780		
	7th Qtr	11,780	19,361	7,581
	6th Qtr	11,780	18,520	6,740
	5th Qtr	11,780	187	(11,593)
	4th Qtr	12,082	5,244	(6,838)
	3rd Qtr	12,082	4,519	(7,563)
	2nd Qtr	12,082	1,201	(10,881)
	1st Qtr	12,082	751	(11,331)
2003-05	8th Qtr	7,500	588	(6,912)
	7th Qtr	7,500	435	(7,065)
	6th Qtr	7,500	5,740	(1,760)
	5th Qtr	7,500	554	(6,946)
	4th Qtr	7,500	607	(6,893)
	3rd Qtr	7,500	3,068	(4,432)
	2nd Qtr	7,500	10,885	3,385
	1st Qtr	7,500	2,229	(5,271)
2001-03	8th Qtr	1,625		
	7th Qtr	1,625	15,000	13,375
	6th Qtr	1,625	2,626	1,001
	5th Qtr	1,625	8,405	6,780
	4th Qtr	1,750	2,462	712
	3rd Qtr	1,750	800	(950)
	2nd Qtr	1,750	2,180	430
	1st Qtr	1,750	335	(1,415)

Actuals are cumulative from the start of the fiscal year.

Date Measured: 4/30/2007



A034 Prevent Unhealthy Air and Violations of Air Quality Standards

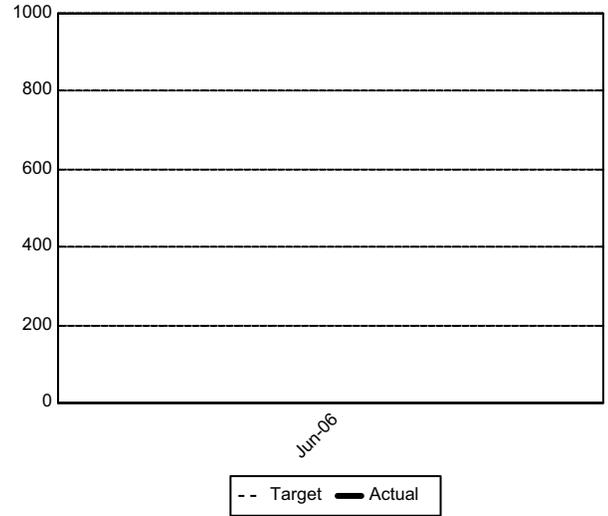
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Air quality standards in Washington are met; public health problems associated with unsafe air are minimized; and federal sanctions are avoided. Measured air quality is good for 85 percent of all days and 99 percent of all measurements. Good air quality means ambient (outdoor) concentrations are less than one-half the national standards. Achieve no violations of ambient air quality standards. All areas of the state have attained clean air as classified and officially recognized by the Environmental Protection Agency. Complete a statewide assessment and prioritization of areas for their likelihood of violating standards. Design and implement strategies to address pending fine particle (particles that are small enough to lodge in the lungs when breathed) problems in eastern Washington.

Health and societal costs attributable to residential wood smoke pollution.				
Biennium	Period	Target	Actual	Variance
2005-07	4th Qtr	\$0	\$930	\$930

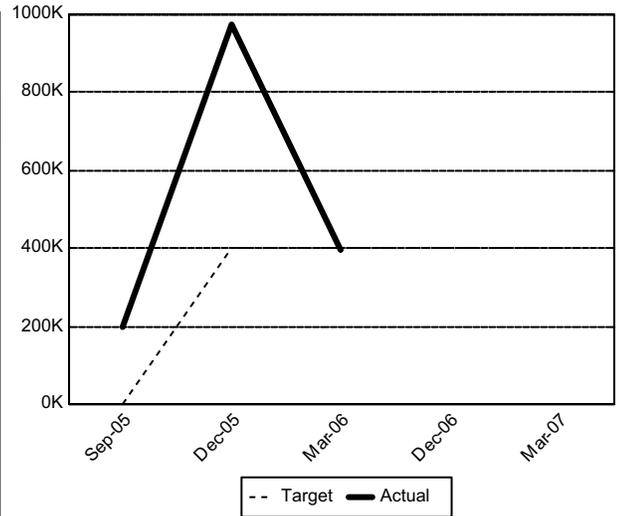
Environmental Protection Agency (USEPA) low-end estimate of annual health care and societal costs attributable to residential wood smoke pollution in Washington State projected for 2008 (millions of dollars).



Comment: Annual health and societal costs of residential wood smoke pollution (in millions of dollars)

Number of citizens exposed to air quality that does not meet "healthy" levels.				
Biennium	Period	Target	Actual	Variance
2005-07	7th Qtr	400,000		
	6th Qtr	400,000		
	3rd Qtr	400,000	395,000	(5,000)
	2nd Qtr	400,000	975,000	575,000
	1st Qtr	0	199,000	199,000

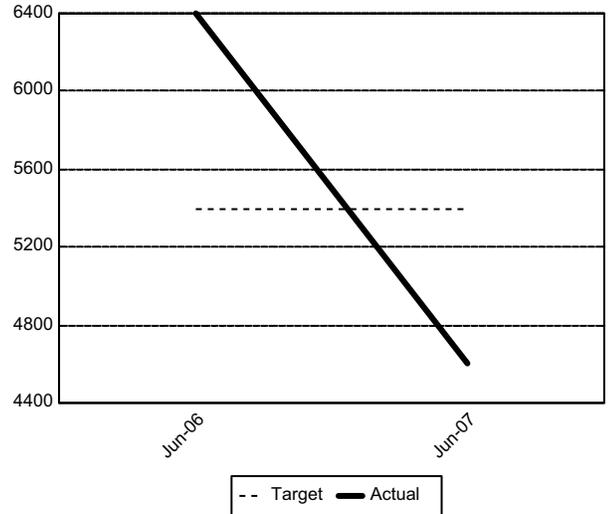
Number of daily average monitoring measurements that exceed "healthy" levels multiplied by an estimate of local population in proximity to the monitoring site .



Comment: Preliminary data show that monitors exceeded "healthy" levels 4 times in the 3rd quarter

Tons of diesel emissions reduced.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	5,400	4,600	(800)
	4th Qtr	5,400	6,400	1,000

Includes all diesel engine exhaust emissions.



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. Ensure water is metered and reported in 16 critical water basins. Provide compliance information, assistance and strategic enforcement action. Regulate water use on streams with flows set during periods of low flows.

A036 Protect and Manage Shorelines in Partnership with Local Governments

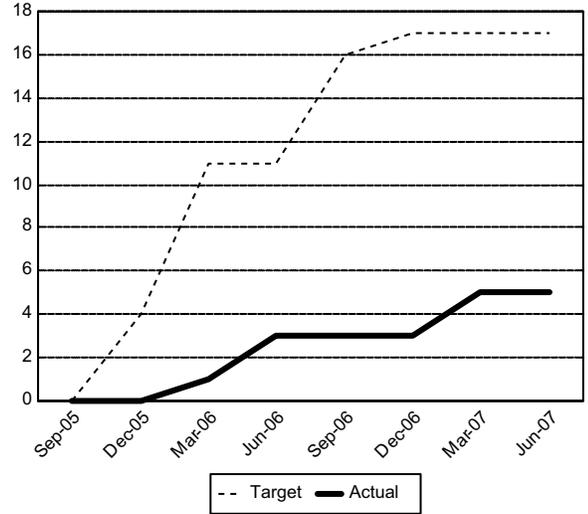
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Shorelines of the state are protected, restored and managed consistent with state and local laws. Provide technical and financial assistance to local governments updating their shoreline master programs. This includes passing through state funds and federal coastal zone management funds to communities. Respond to 100-200 requests for technical assistance every month from local governments, state agencies, tribes, and citizens on interpreting and administering the Shoreline Management Act. Process approximately 600-800 shoreline permits every year.

Number of the communities (cities and counties) that have submitted updated Shoreline Master Plans.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	17	5	(12)
	7th Qtr	17	5	(12)
	6th Qtr	17	3	(14)
	5th Qtr	16	3	(13)
	4th Qtr	11	3	(8)
	3rd Qtr	11	1	(10)
	2nd Qtr	4	0	(4)
	1st Qtr	0	0	0

SMPs are taking longer to complete than expected. The Shoreline Management Act stipulates two years for updating SMPs. No local government has accomplished this. The 2005-07 targets were based on the expectations in the Shoreline Management Act. The 2007 Legislature passed a bill allowing a one-year extension for local governments to complete their updates.



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

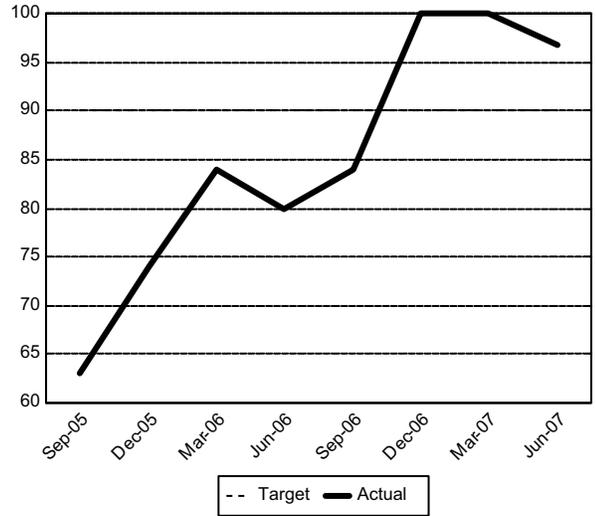
Expected Results

Ensure projects that will potentially affect water quality meet federal and state water quality standards to protect water quality, habitat, and aquatic life. Review and take action on 600-800 federally permitted projects each year to ensure that appropriate environmental standards are met. Provide outreach and assistance to local governments, tribes, state and federal agencies, and other applicants resulting in more environmentally sound permit applications. Continue to improve the timeliness of 401 permit decisions.

Percentage of routine 401 water quality certifications issued within 90 days.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	90%	96.8%	6.8%
	7th Qtr	90%	100%	10%
	6th Qtr	90%	100%	10%
	5th Qtr	90%	84%	(6)%
	4th Qtr	90%	80%	(10)%
	3rd Qtr	90%	84%	(6)%
	2nd Qtr	90%	74%	(16)%
	1st Qtr	90%	63%	(27)%

Issuance of a certification means that Ecology anticipates that the applicant's project will comply with state water quality standards and other aquatic resource protection requirements under Ecology's authority.

Date Measured: 6/30/2007



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

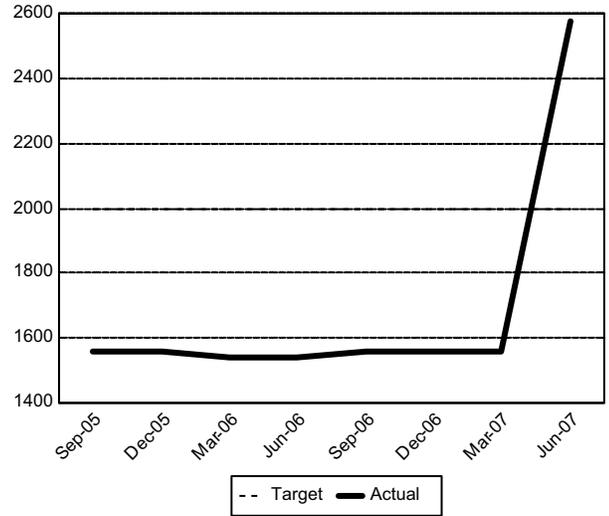
Expected Results

Wetlands are protected, restored and managed, and local governments and other parties are assisted in carrying out local wetland protection efforts. Assist three counties and two cities in the adoption of wetland regulations. Review and comment on four county and five city critical area regulations. Develop information and tools for local governments to improve local and state wetlands protection programs. Develop assessment methods for wetlands functions, a rating system for wetlands, a model ordinance, a compliance tracking system, and a compendium of best available science for wetlands. Provide technical information and assistance to local governments and citizens on wetlands restoration and stewardship related to shoreline management and federal permitting activities.

Number of acres of wetlands in wetland banks.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	2,000	2,574	574
	7th Qtr	2,000	1,557	(443)
	6th Qtr	2,000	1,557	(443)
	5th Qtr	2,000	1,557	(443)
	4th Qtr	2,000	1,540	(460)
	3rd Qtr	2,000	1,540	(460)
	2nd Qtr	2,000	1,557	(443)
	1st Qtr	2,000	1,557	(443)

Data is cumulative for the biennium. Wetland "banks" typically involve the consolidation of many small wetland mitigation projects into a larger, potentially more ecologically valuable site.

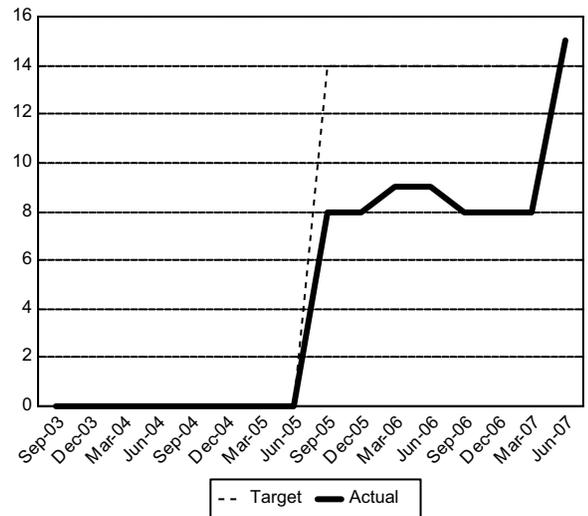
Date Measured: 6/30/2007



Number of wetland banks approved or under review.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	14	15	1
	7th Qtr	14	8	(6)
	6th Qtr	14	8	(6)
	5th Qtr	14	8	(6)
	4th Qtr	14	9	(5)
	3rd Qtr	14	9	(5)
	2nd Qtr	14	8	(6)
	1st Qtr	14	8	(6)
2003-05	8th Qtr	0	0	0
	7th Qtr	0	0	0
	6th Qtr	0	0	0
	5th Qtr	0	0	0
	4th Qtr	0	0	0
	3rd Qtr	0	0	0
	2nd Qtr	0	0	0
	1st Qtr	0	0	0

Data is cumulative for the biennium. Wetland "banks" typically involve the consolidation of many small wetland mitigation projects into a larger, potentially more ecologically valuable site.

Date Measured: 6/30/2007



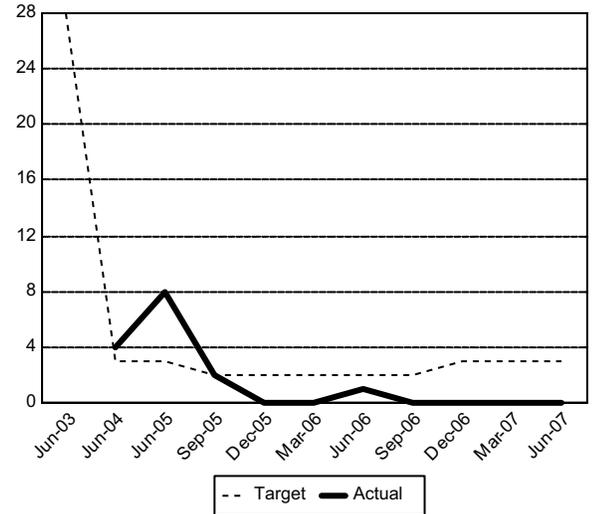
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Local watershed plans are developed and implemented to effectively address local water use needs, water quality protection, and fish habitat. Provide technical assistance to 45 of the state’s 62 Water Resource Inventory Areas and represent the state’s interests in the development of local watershed plans. The outcome of this effort will be locally developed plans that meet the needs of instream flows for fish and out-of-stream uses for agriculture, energy production, population, and economic growth. Administer an \$11.2 million biennial grant program to assist 20 local planning units in both development and implementation of their watershed plans. Establish new instream flow rules to protect salmonids.

Number of instream flows set				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	3	0	(3)
	7th Qtr	3	0	(3)
	6th Qtr	3	0	(3)
	5th Qtr	2	0	(2)
	4th Qtr	2	1	(1)
	3rd Qtr	2	0	(2)
	2nd Qtr	2	0	(2)
	1st Qtr	2	2	0
2003-05	8th Qtr	3	8	5
	4th Qtr	3	4	1
2001-03	8th Qtr	28		

Instream flow setting progress is dependent on working and negotiating with local watershed groups (and other factors), so we can only move at the speed they are willing to go. Our target numbers are based on estimates of how fast we think the work will progress.



Date Measured: 6/30/2007

Comment: Continuing progress in Quilcene (WRIA 17), Walla Walla (WRIA 32), & Wenatchee (WRIA 45).

A040 Provide Technical and Financial Assistance to Local Governments to Reduce F

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

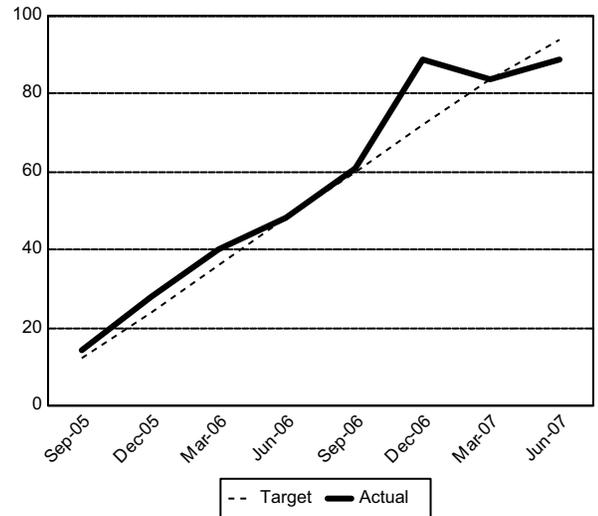
Expected Results

Flood damage to properties and the environment is minimized through development and implementation of local comprehensive flood hazard management plans and flood control projects. Award over \$954,000 in Flood Control Assistance Account Program grants this biennium that result in plans and projects that reduce flood hazards and minimize environmental degradation. Meet the NFIP requirements by providing 86 community assistance visits, 64 community assistance contacts, and up to 48 floodplain management ordinance reviews each year. Meet with local officials, provide training, and review permitting records in an effort to reduce development in floodplains. Focus on assisting 12 communities to adopt more restrictive floodplain management ordinances. Improve floodplain management coordination by administering the Floodplain Management Task Force, developing statewide flood mapping standards, and coordinating federal and state funding for flood control projects. Work with the Federal Emergency Management Agency to produce better floodplain maps for local governments.

Number of flood-prone communities receiving direct support on regulatory issues, flood hazard reduction, and the protection of floodplain functions and values.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	94	89	(5)
	7th Qtr	84	84	0
	6th Qtr	72	89	17
	5th Qtr	60	61	1
	4th Qtr	48	48	0
	3rd Qtr	36	40	4
	2nd Qtr	24	28	4
	1st Qtr	12	14	2

Target is 94 communities over the bienium, which is 40% of all flood-prone communities.

Date Measured: 6/30/2007



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

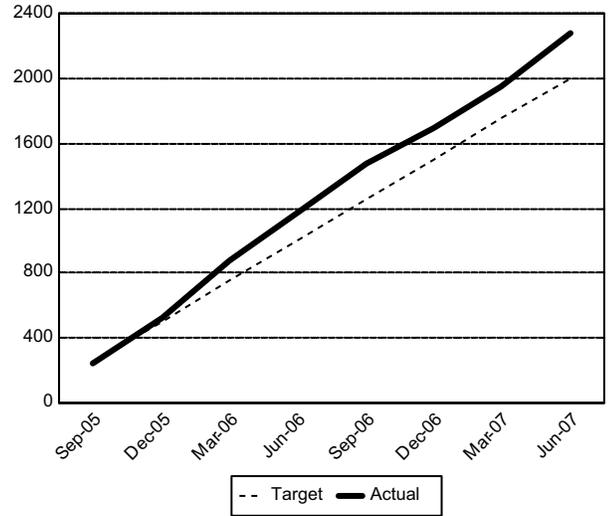
Expected Results

The environmental review process in SEPA is used to effectively mitigate environmental impacts, minimize development costs, and provide public input into the process. Provide technical assistance and education on the purposes and use of SEPA to over 1,000 citizens and state/local agency staff per year. Provide information to the public on proposed projects by entering 7,000 - 8,000 SEPA documents into the on-line SEPA Register every year. Provide early input on projects by reviewing SEPA documents.

Number of State Environmental Policy Act assistance actions.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	2,000	2,279	279
	7th Qtr	1,750	1,951	201
	6th Qtr	1,500	1,692	192
	5th Qtr	1,250	1,469	219
	4th Qtr	1,000	1,164	164
	3rd Qtr	750	874	124
	2nd Qtr	500	518	18
	1st Qtr	250	238	(12)

Data is cumulative for the biennium. Requests for SEPA assistance increase when more SEPA documents from around the state are being processed. Requests may increase after workshops because more people are aware of Ecology as a technical resource. Increases also occur when the SEPA website is advertised or listed in other agency's documents.

Date Measured: 6/30/2007



A042 Provide Technical Training, Education, and Research through Padilla Bay Estu.

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

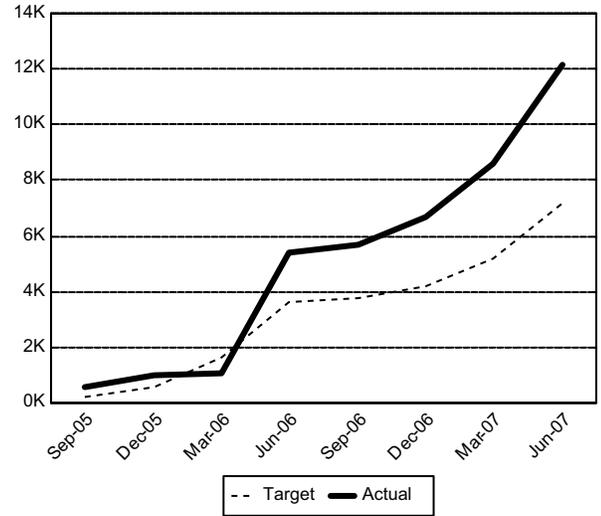
Statewide Strategy: Improve individual practices and choices about natural resources

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. Provide education and training programs to over 13,000 students, teachers, adults, and coastal professionals each year. Improve our understanding of estuarine ecosystems and provide information that supports coastal decision-making. Develop local solutions to marine resource problems. Provide technical and professional educational workshops and seminars to enhance the ability of coastal managers at the local government level. The Reserve will begin a major construction project (\$3.2 million), partnering with the NOAA to expand educational and training spaces and new research laboratory capabilities.

Number of school children participating in educational programs at Padilla Bay.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	7,200	12,156	4,956
	7th Qtr	5,200	8,624	3,424
	6th Qtr	4,200	6,676	2,476
	5th Qtr	3,800	5,704	1,904
	4th Qtr	3,600	5,410	1,810
	3rd Qtr	1,600	1,066	(534)
	2nd Qtr	600	972	372
	1st Qtr	200	534	334

Data is cumulative for the biennium.



Date Measured: 6/30/2007

Comment: Cumulative.

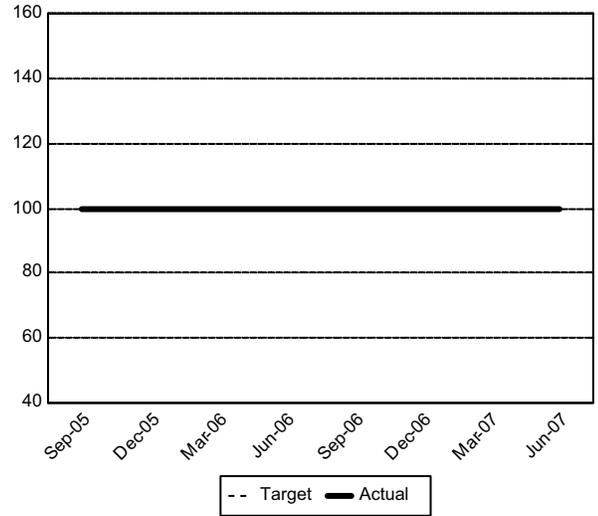
A043 Provide Water Quality Financial Assistance

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

Expected Results

Responsible management of public funds dedicated to improving water quality for the protection of public health and the environment. Improve water quality by dispersing \$115 million in water quality grants and loans per year to local communities. Award 120 new grants and loans per year for projects that demonstrate clear benefits for the environment. Administer 500 existing grants and loans per year. Support local governments by developing an alternative contracting rule to accommodate design-build wastewater treatment projects. Capture and illustrate environmental benefits through data generated from grants and loans. Meet grant and loan timing expectations of recipients.

Percent of water quality grant and loan agreements that have identified quantifiable environmental benefits which reflect the environmental return on the dollars invested.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	100%	100%	0%
	7th Qtr	100%	100%	0%
	6th Qtr	100%	100%	0%
	5th Qtr	100%	100%	0%
	4th Qtr	100%	100%	0%
	3rd Qtr	100%	100%	0%
	2nd Qtr	100%	100%	0%
	1st Qtr	100%	100%	0%



Date Measured: 6/30/2007

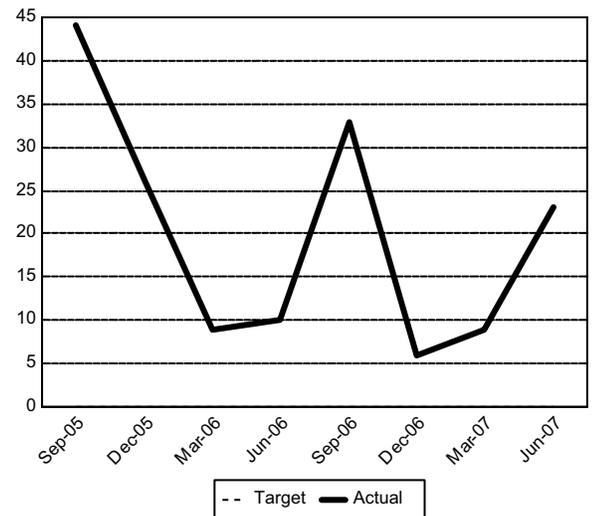
A044 Provide Water Resources Data and Information

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

Greater agreement and more informed water resources decisions based on increasingly timely and accurate data and improved public access to information. Develop and maintain data and information systems for use 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.

Percent of monitored stream flows below critical flow levels.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	0%	23%	23%
	7th Qtr	0%	9%	9%
	6th Qtr	0%	6%	6%
	5th Qtr	0%	33%	33%
	4th Qtr	0%	10%	10%
	3rd Qtr	0%	9%	9%
	2nd Qtr	0%	26%	26%
	1st Qtr	0%	44%	44%



Defined as the 20th percentile of historic flow

Date Measured: 6/30/2007

A045 Reduce Air Pollution from Industrial and Commercial Sources

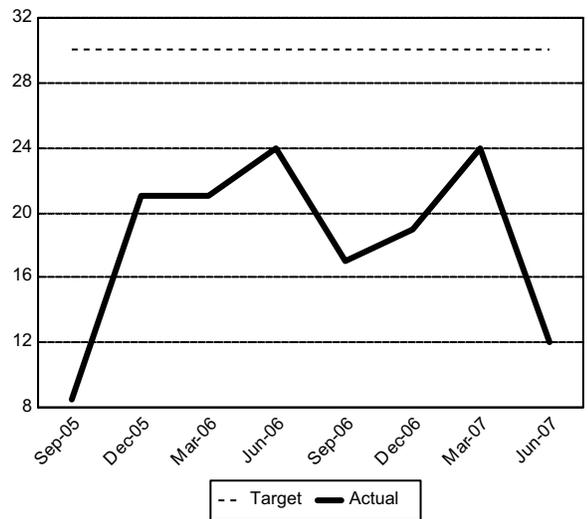
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Air pollution from industrial and commercial sources are managed to protect public health and minimize costs and regulatory burdens. Reduce or prevent at least 10,000 tons of air emissions per year through permit conditions. Ensure 100 percent of permits meet timeliness targets. Provide certainty to the regulated community on the need, content and timeframes for permits. Improve timeliness of permit processing. Retain delegation and local control of federal permit programs.

Average Notice of Construction permit processing time (days).				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	30	12	(18)
	7th Qtr	30	24	(6)
	6th Qtr	30	19	(11)
	5th Qtr	30	17	(13)
	4th Qtr	30	24	(6)
	3rd Qtr	30	21	(9)
	2nd Qtr	30	21	(9)
	1st Qtr	30	8.5	(21.5)

Number of days required to finalize a permit from draft status after any required public comment period.



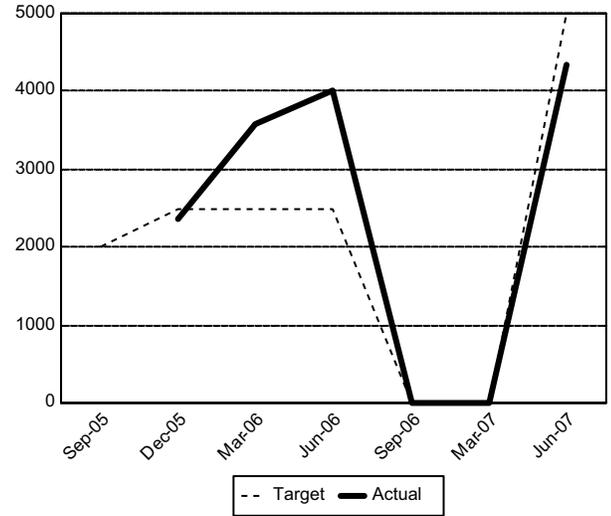
A047 Reduce Health and Environmental Threats from Motor Vehicle Emissions

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

Expected Results

Number of diesel vehicles (school buses and public sector equipment) retrofitted with pollution control equipment.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	5,000	4,346	(654)
	7th Qtr	0	0	0
	5th Qtr	0	0	0
	4th Qtr	2,500	4,000	1,500
	3rd Qtr	2,500	3,581	1,081
	2nd Qtr	2,500	2,360	(140)
	1st Qtr	2,000		

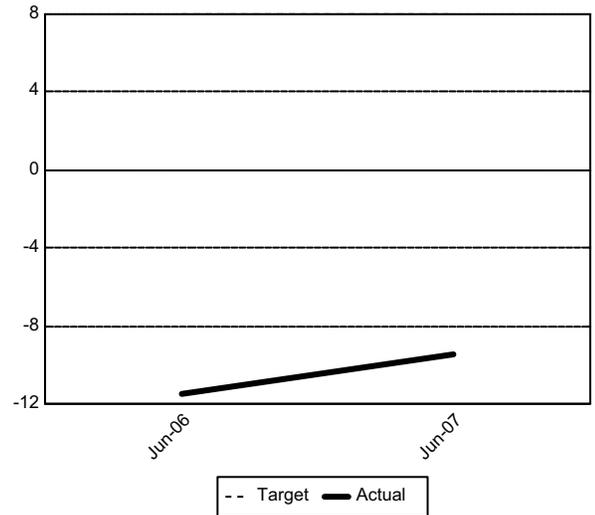
Performance measured annually.



Comment: Miscounts of completed retrofits, rather than the number of completed buses resulted in overstatement of results in previous three quarters. Some buses are receiving more than one retrofit installation.

Percent reduction in tons of motor vehicle emissions				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	8%	(9.5)%	(17.5)%
	4th Qtr	8%	(11.5)%	(19.5)%

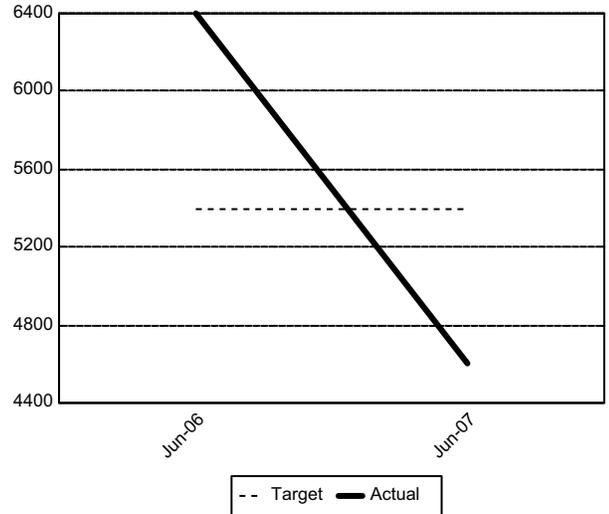
Measured by change in average emission rates times vehicle miles traveled. Performance measured annually.



Comment: This is an estimated calculation based on pollution times vehicle miles traveled in WA.

Tons of diesel emissions reduced.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	5,400	4,600	(800)
	4th Qtr	5,400	6,400	1,000

Includes all diesel engine exhaust emissions.



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

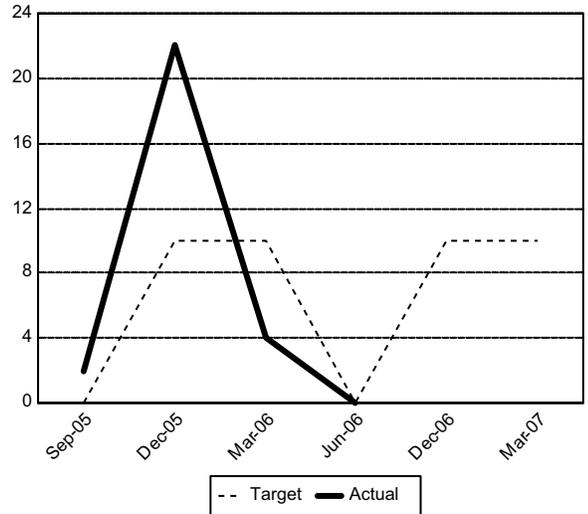
Expected Results

Public health threats from smoke and dust are managed and minimized. Reduce emissions from cereal grain stubble burning by at least 50 percent by June 2005 using a 1998 baseline. Continue to improve and streamline the outdoor burning permit and smoke management systems. Audit local burning permit programs to ensure effective and efficient operation. Foster development and use of practical alternatives and best management practices for burning and dust mitigation through research, technical assistance and demonstration projects.

Number of times monitored particulate matter levels, less than 2.5 microns, exceed "healthy" levels statewide.				
Biennium	Period	Target	Actual	Variance
2005-07	7th Qtr	10		
	6th Qtr	10		
	4th Qtr	0	0	0
	3rd Qtr	10	4	(6)
	2nd Qtr	10	22	12
	1st Qtr	0	2	2

"Healthy" Particulate Matter (PM) levels are considered 40 micrograms per cubic meter measured over a 24-hour average. Statistical analysis has not shown a threshold for health effects of PM.

Comment: Preliminary data show that monitors did not exceed healthy levels in the 4th quarter



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

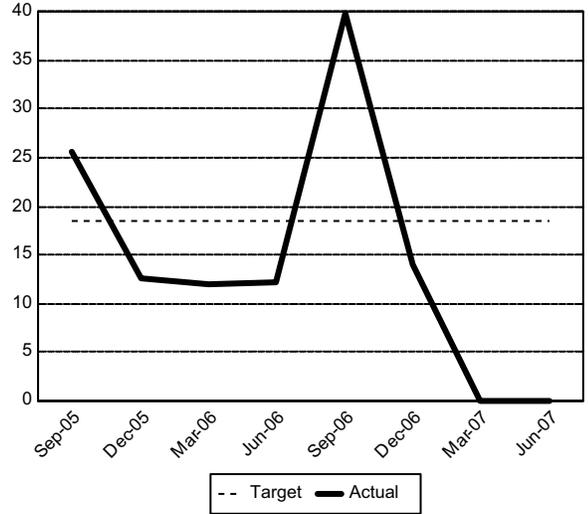
Expected Results

Improved protection of surface and groundwater through community implementation of the state’s Nonpoint Pollution Management Plan to address Washington’s leading cause of water pollution. Surface and groundwater resources meet water quality standards. Assist the Department of Natural Resources and the forestry industry in managing 12 million acres of state and privately-owned forests. Assist the Department of Agriculture in developing and implementing a new program for managing animal feeding operations. Complete Endangered Species Act assurances for the Forest and Fish program. Manage and update Washington’s Plan to Control Nonpoint Source Pollution and secure Coastal Zone Management Act approval for it. Ensure state and federal grants are available to, and used efficiently by, organizations in Washington. Work with local communities and other agencies to increase the number of stream miles restored or protected (a specific example is to reduce pesticides by 50 percent in the Grayland ditches in Grays Harbor County).

Fecal coliform concentration to Hood Canal from the Skokomish River, (measured at the Highway 106 bridge (colony forming units per 100 milliliters)).				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	18.4	0	(18.4)
	7th Qtr	18.4	0	(18.4)
	6th Qtr	18.4	14	(4.4)
	5th Qtr	18.4	39.7	21.3
	4th Qtr	18.4	12.2	(6.2)
	3rd Qtr	18.4	12	(6.4)
	2nd Qtr	18.4	12.5	(5.9)
	1st Qtr	18.4	25.6	7.2

The goal is a 44% reduction at the end of the biennium compared to the 2000 baseline. This would result in a measure of 18.4 colony forming units per 100 milliliters.

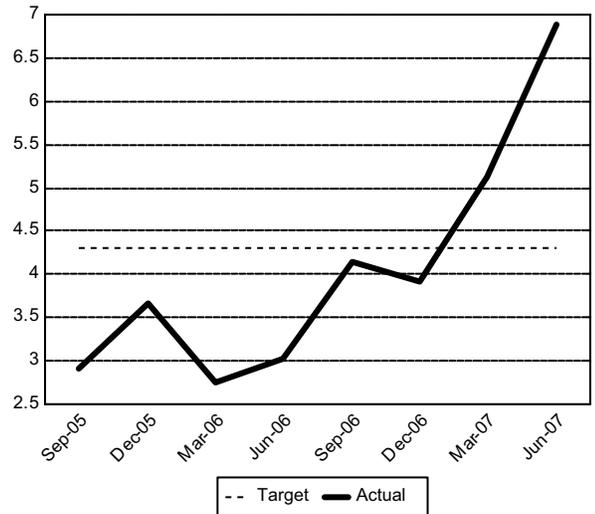
Comment: Monitoring at Hwy 106 discontinued



Fecal coliform loading to the Hood Canal from the Union River, measured at Timberline Drive (billions of colony forming units per day).				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	4.3	6.88	2.58
	7th Qtr	4.3	5.13	0.83
	6th Qtr	4.3	3.91	(0.39)
	5th Qtr	4.3	4.15	(0.15)
	4th Qtr	4.3	3.02	(1.28)
	3rd Qtr	4.3	2.75	(1.55)
	2nd Qtr	4.3	3.66	(0.64)
	1st Qtr	4.3	2.91	(1.39)

The target is based on a 44% reduction at the end of the biennium compared to the 2003 baseline. This would result in a measure of 4.3 billion colony forming units per day.

Date Measured: 6/30/2007



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

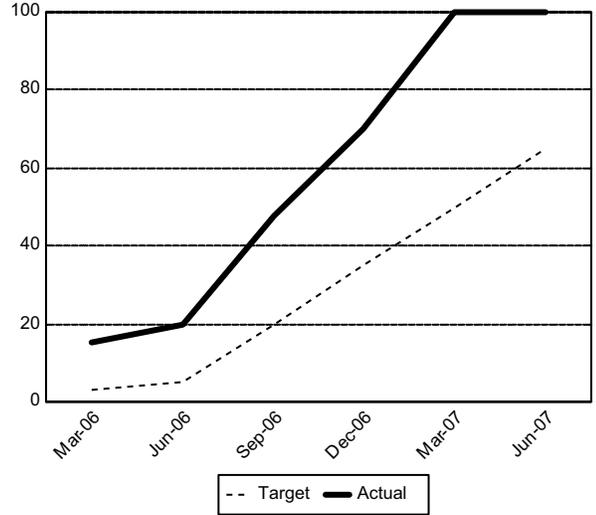
Expected Results

Public health and environmental impacts associated with PBTs are minimized, and strategies are developed and implemented to reduce and eliminate these harmful chemicals. Reduce mercury releases from dental offices to the environment through the successful implementation of a Memorandum of Understanding with the Washington State Dental Association. Increase fluorescent lamp recycling rate in Washington to 30 percent by June 2004 and 40 percent by June 2005.

Percent completion of 1) Implementation of the flame-retardant (PBDE) Chemical Action Plan, and 2) Developing a multi-year schedule for the next several chemical action plans.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	65%	100%	35%
	7th Qtr	50%	100%	50%
	6th Qtr	35%	70%	35%
	5th Qtr	20%	47.5%	27.5%
	4th Qtr	5%	20%	15%
	3rd Qtr	3%	15%	12%

The measure reflects the percentage completion of implementing the PBDE chemical action plan and developing the schedule for future chemical action plans.

Date Measured: 2/2/2007



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

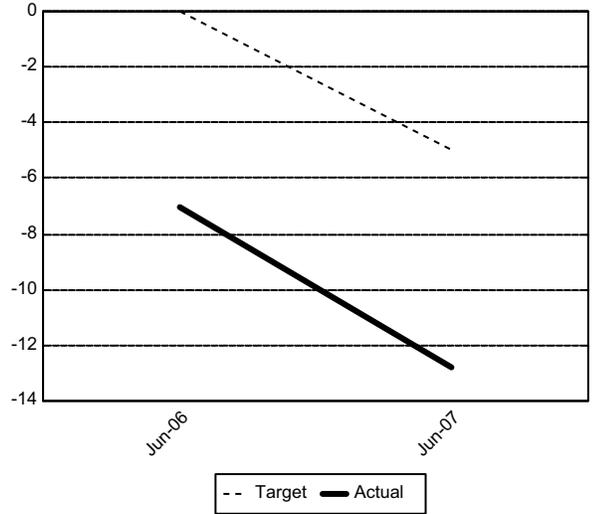
The public health threat from toxic air pollutants is minimized. Less than 60 percent of facility-reported toxics released to the environment (Community Right to Know, Toxics Release Inventory) are air emissions, and total tons of air toxics decrease by 5 percent by July 2005. Achieve a 50 percent reduction in emissions of priority toxics by 2010. Reduce diesel soot emissions by 15 percent by 2005, and by 50 percent by 2010. Equip 800 school buses with new emission controls, and 2,000 buses by July 2005. Improve emissions inventories and understanding of ambient concentrations and sources of priority toxics. Evaluate and initiate appropriate strategies to reduce emissions of priority toxics.

Diesel emissions in counties contiguous to Puget Sound are reduced by 5% (combined) over the 2002 baseline.

Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	(5)%	(12.8)%	(7.8)%
	4th Qtr	0%	(7)%	(7)%

This measure will be reported in 2007.

Comment: Cumulative reduction from 2002 base year

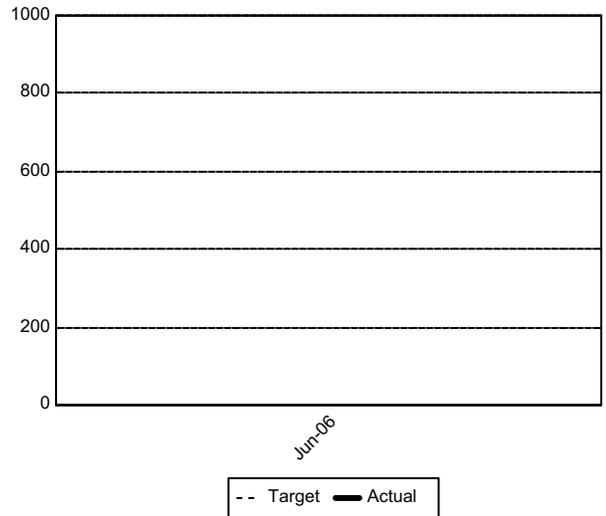


Health and societal costs attributable to residential wood smoke pollution.

Biennium	Period	Target	Actual	Variance
2005-07	4th Qtr	\$0	\$930	\$930

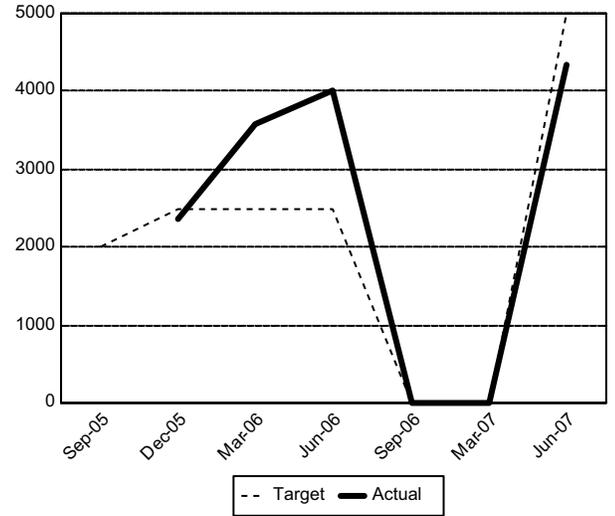
Environmental Protection Agency (USEPA) low-end estimate of annual health care and societal costs attributable to residential wood smoke pollution in Washington State projected for 2008 (millions of dollars).

Comment: Annual health and societal costs of residential wood smoke pollution (in millions of dollars)



Number of diesel vehicles (school buses and public sector equipment) retrofitted with pollution control equipment.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	5,000	4,346	(654)
	7th Qtr	0	0	0
	5th Qtr	0	0	0
	4th Qtr	2,500	4,000	1,500
	3rd Qtr	2,500	3,581	1,081
	2nd Qtr	2,500	2,360	(140)
	1st Qtr	2,000		

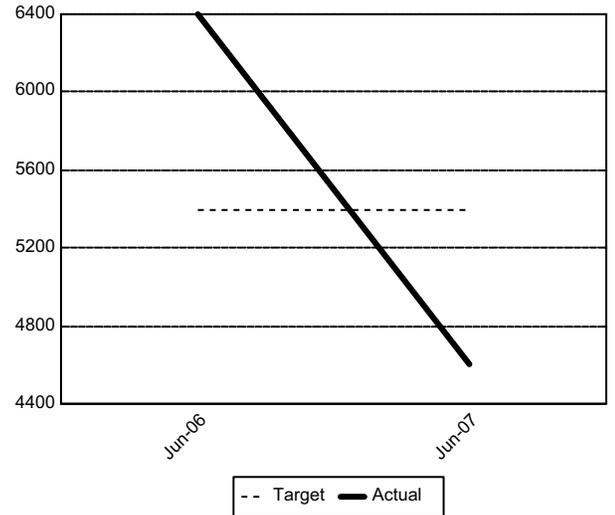
Performance measured annually.



Comment: Miscounts of completed retrofits, rather than the number of completed buses resulted in overstatement of results in previous three quarters. Some buses are receiving more than one retrofit installation.

Tons of diesel emissions reduced.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	5,400	4,600	(800)
	4th Qtr	5,400	6,400	1,000

Includes all diesel engine exhaust emissions.



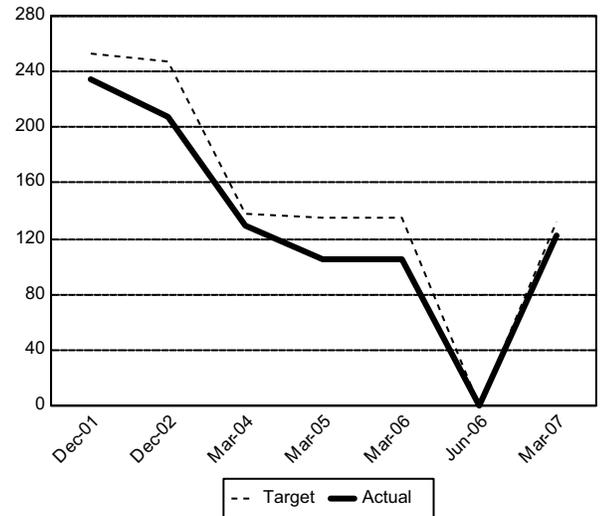
A052 Reduce the Generation of Hazardous Waste and the Use of Toxic Substances t

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

Expected Results

The amount of hazardous waste generated is reduced, resulting in clean-up and disposal cost savings for businesses, reduced public exposure, and less cleanups. Reduce statewide generation of hazardous waste by 2 percent annually (about 5 million pounds a year). Achieve quantifiable savings in energy (dollars); process water conservation (gallons); and reduce hazardous waste (pounds) at several businesses that volunteer for assistance (Toxics Reduction Engineer Efficiency or TREE). Focus on improvements in sectors that have the highest rate of contamination and non-compliance (electroplaters, printed circuit boards, and aerospace parts manufacturers). Create a partnership with dentists to reduce mercury. Achieve progress on purchasing environmentally preferable products and services at state and local government agencies. Conduct 250 pollution prevention technical assistance visits annually. Develop a long-range strategic State Hazardous Waste Management Plan to reduce or eliminate hazardous substances. Support the annual Governor's Award for pollution prevention and sustainability practices.

Annual pounds of hazardous waste generated (in millions).				
Biennium	Period	Target	Actual	Variance
2005-07	7th Qtr	132	121.6	(10.4)
	4th Qtr	0	0	0
	3rd Qtr	135	105.3	(29.7)
2003-05	7th Qtr	135	105	(30)
	3rd Qtr	138	130	(8)
2001-03	6th Qtr	247	207	(40)
	2nd Qtr	253	235	(18)



Comment: This is the amount reported for 2006.

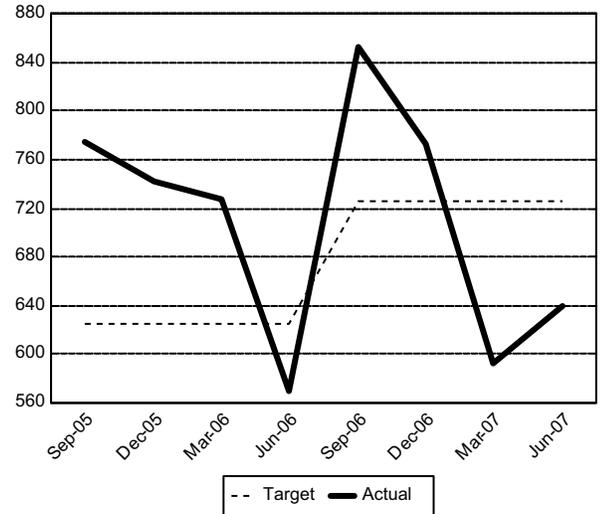
A053 Regulate Well Construction

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

Expected Results

Improve the protection of consumers, well drillers, and the environment, including reducing the risk of aquifer contamination and cleanup costs. License and provide training to well drillers. Regulate the drilling of wells.

Number of water supply wells inspected				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	725	640	(85)
	7th Qtr	725	593	(132)
	6th Qtr	725	773	48
	5th Qtr	725	853	128
	4th Qtr	625	570	(55)
	3rd Qtr	625	727	102
	2nd Qtr	625	742	117
	1st Qtr	625	774	149



Date Measured: 6/7/2007

Comment: 590 inspections by delegated counties & 50 by Water resources program well coordinators.

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

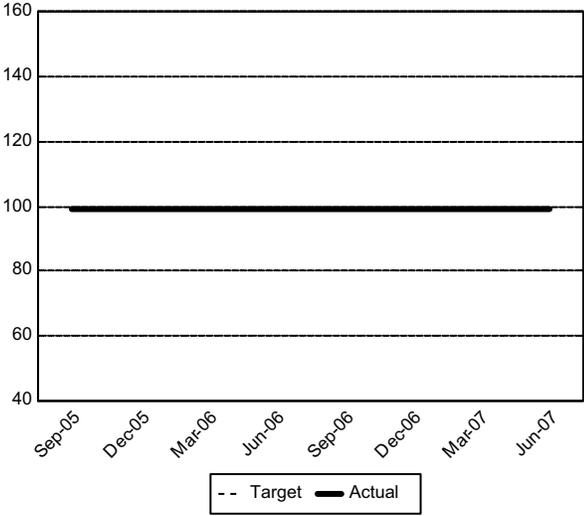
Statewide Result Area: Improve the quality of Washington’s natural resources

Statewide Strategy: Establish safeguards and standards to protect natural resources

Expected Results

Rapid response to and clean-up of oil spills, chemical spills and methamphetamine labs to protect public health, natural resources and property. Maintain 24 hour, 7 days per week spill response capability throughout the state. Increase the response time to spills within 48 hours from 90 percent to 95 percent. Manage agency response to 4,000 annual spill reports. Complete 1,500 annual drug lab removals. Increase the drug laboratory chemicals that are batched by local government for Ecology to properly handle and dispose of from 30 percent to 35 percent. Respond to all oil spills from vessels and facilities. Support environmental crime investigations.

Percent of oil spill and hazardous material complaints responded to within 24 hours (through field response or documented communication).				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	99%	99%	0%
	7th Qtr	99%	99%	0%
	6th Qtr	99%	99%	0%
	5th Qtr	99%	99%	0%
	4th Qtr	99%	99%	0%
	3rd Qtr	99%	99%	0%
	2nd Qtr	99%	99%	0%
	1st Qtr	99%	99%	0%



Date Measured: 7/31/2007

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

The environmental impacts from oil spills to publicly-owned natural resources are partially mitigated (compensated for) using damage assessment funding. Issue a Natural Resource Damage Assessment on 100 percent of oil spills where 25 or more gallons reach surface waters. Restore or protect priority wildlife habitat using natural resource damage funds. Develop a fresh water oil spill damage compensation table.

Value of natural resource restoration projects initiated (resulting from oil spill damages.)

A056 Restore Watersheds by Supporting Community-Based Projects with the Washi

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

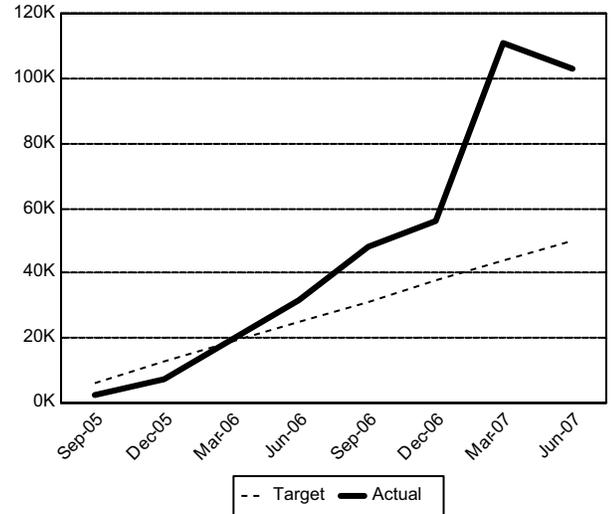
Expected Results

The Washington Conservation Corps (WCC) carries out conservation and emergency response related projects in support of local communities, and the young adults involved are provided valuable educational and work experiences. Support up to 20 WCC crews throughout the state (120 Corps members) restoring watersheds, enhancing streams and riparian corridors, building trails, and carrying out other water quality, salmon recovery, and emergency response projects. Crews will restore or enhance up to 25 miles of riparian habitat. Provide training, education, and career guidance for every crew member.

Number of plantings to restore stream habitat				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	50,000	102,865	52,865
	7th Qtr	43,750	110,710	66,960
	6th Qtr	37,500	55,904	18,404
	5th Qtr	31,250	48,332	17,082
	4th Qtr	25,000	31,862	6,862
	3rd Qtr	18,750	19,578	828
	2nd Qtr	12,500	7,572	(4,928)
	1st Qtr	6,250	2,200	(4,050)

Plantings are carried out by the Ecology Washington Conservation Corps to improve habitat. Data is cumulative for the biennium.

Date Measured: 6/30/2007



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

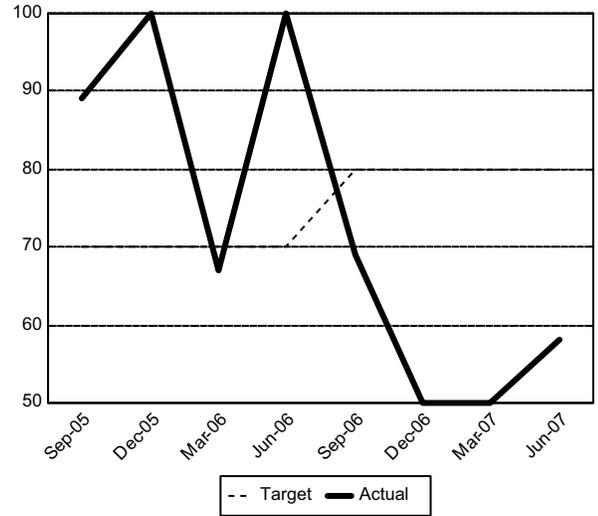
Statewide Result Area: Improve the quality of Washington’s natural resources
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

Contaminated sites are voluntarily cleaned up by site owners and prospective buyers using private funding. Increase the number of sites voluntarily cleaned up by 3 percent annually. Increase the number of sites with cleanup actions in progress. Decrease the number of sites that are awaiting cleanup. Increase the number of determinations made on final cleanup reports submitted by parties who voluntarily cleaned up sites.

Percent of the voluntary cleanup program applicants who receive an assessment of their plan or report within 90 days.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	80%	58%	(22)%
	7th Qtr	80%	50%	(30)%
	6th Qtr	80%	50%	(30)%
	5th Qtr	80%	69%	(11)%
	4th Qtr	70%	100%	30%
	3rd Qtr	70%	67%	(3)%
	2nd Qtr	70%	100%	30%
	1st Qtr	70%	89%	19%

Goal is 90%



Date Measured: 7/31/2007

Comment: NWRO overflow work to HQ, eastern regional offices on track

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

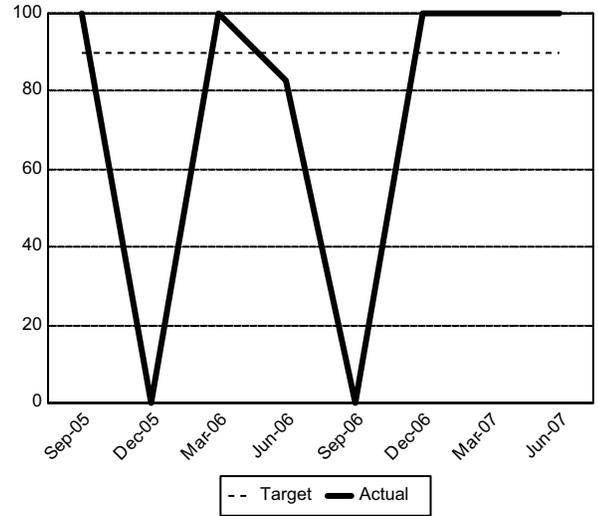
Expected Results

State transportation project reviews are adequately funded, and permits are processed in an expedited manner to meet DOT timelines, while also meeting applicable environmental laws. Reduce to zero the number of transportation projects where start dates slip due to environmental permitting delays caused by Ecology. Establish multi-agency transportation permitting teams in two regional offices.

Percent of transportation project decision documents that are completed within agree-upon timeframes.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	90%	100%	10%
	7th Qtr	90%	100%	10%
	6th Qtr	90%	100%	10%
	5th Qtr	90%	0%	(90)%
	4th Qtr	90%	83%	(7)%
	3rd Qtr	90%	100%	10%
	2nd Qtr	90%	0%	(90)%
	1st Qtr	90%	100%	10%

Ecology provides a dedicated team that assists Washington Department of Transportation with the environmental permit process. This work supports transportation projects be built on schedule with least impacts to the environment.

Date Measured: 6/30/2007



A059 Support Local Watershed Management of Water Resources

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

Expected Results

Local watershed management plans are adopted and implementation has begun with sufficient information and agreement to support sound water resources use and actions. Provide technical assistance and support to 42 local watershed planning groups. Provide technical support to the regional initiatives for central Puget Sound, Columbia River and Yakima River.

A060 Provide Regulatory Assistance for Significant Projects and Small Businesses

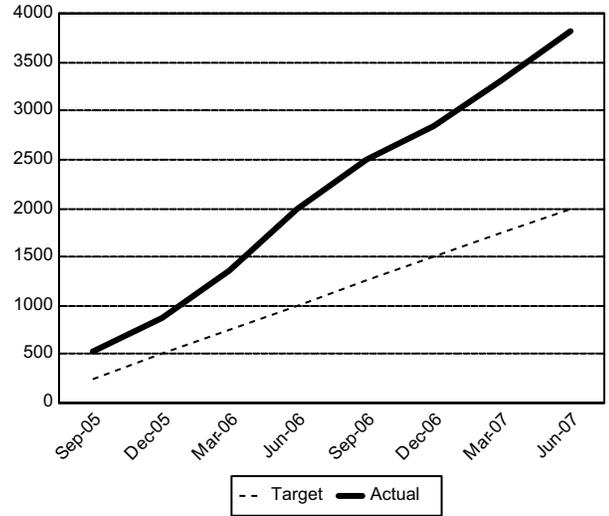
Statewide Result Area: Improve the economic vitality of businesses and individuals
Statewide Strategy: Remove economic development barriers through targeted infrastructure and assistance

Expected Results

Number of applicants provided permit assistance information by the Office of Regulatory Assistance One-Stop Service Center.				
Biennium	Period	Target	Actual	Variance
2005-07	8th Qtr	2,000	3,820	1,820
	7th Qtr	1,750	3,315	1,565
	6th Qtr	1,500	2,844	1,344
	5th Qtr	1,250	2,491	1,241
	4th Qtr	1,000	1,991	991
	3rd Qtr	750	1,370	620
	2nd Qtr	500	874	374
	1st Qtr	250	518	268

Data is reported cumulatively for the biennium. Outreach has been a priority for ORA. The toll-free number for the Service Center was promoted via the ORA website, seminars, meetings, conferences and other marketing efforts.

Date Measured: 6/30/2007



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

Improved water savings, lower water and energy costs, more competitive enterprises, less pressure on water supplies and waste treatment facilities, and improved environmental protection. Increase the volume of water saved as a result of water use efficiency. Provide technical assistance to agricultural, commercial, industrial, and non-profit water users. Support Department of Health water conservation and reclaimed water efforts.