

461 - Department of Ecology

A001 Clarify Water Rights

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	2.9	2.7	2.8
001 General Fund			
001-1 State	\$480,000	\$503,000	\$983,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Achieve sustainable use of public natural resources

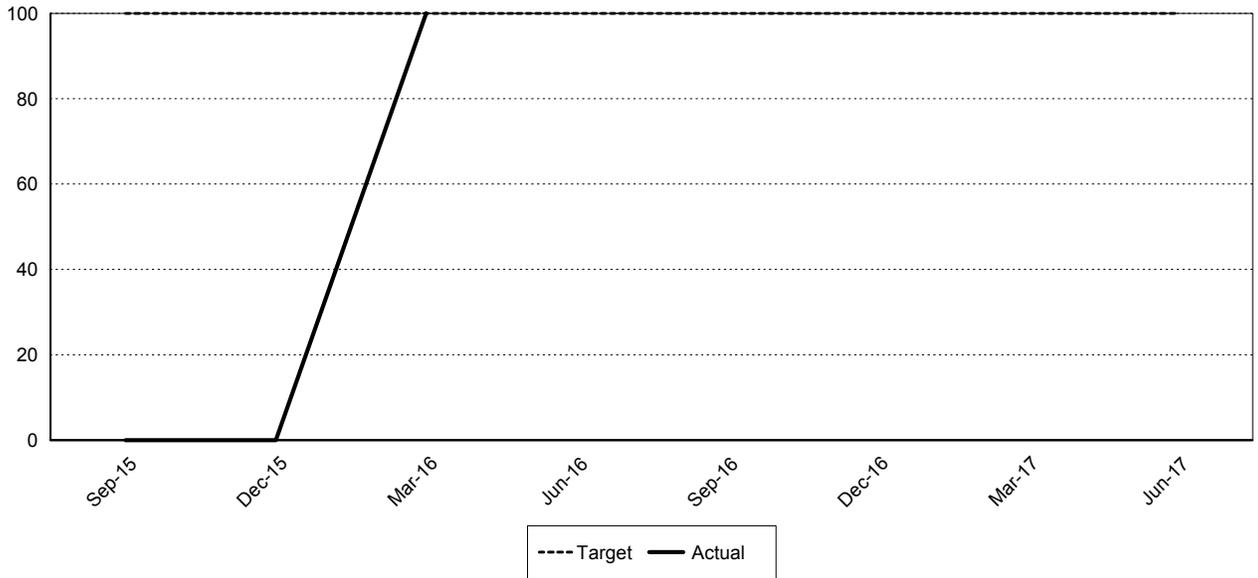
Expected Results

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

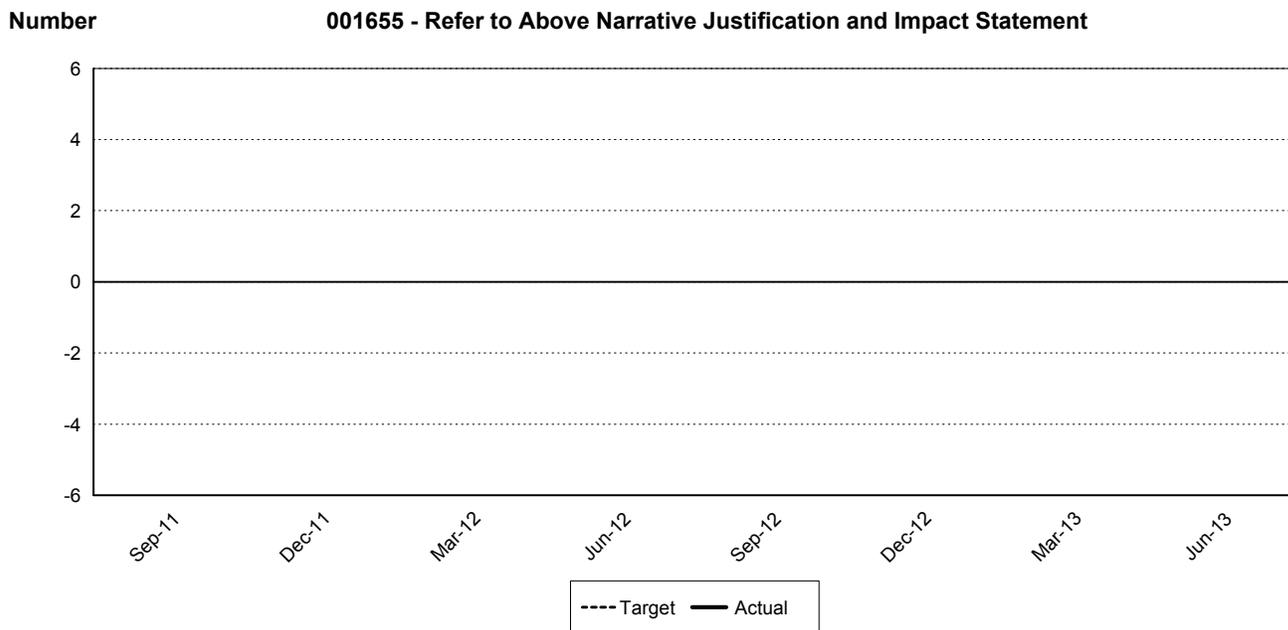
002771 Percentage of Pre-Trial Order #17 Notices filed with the Yakima County Superior Court as part of the Change Application permitting process. Notices are required to be filed with the court within 30 days of the appeal period for all water right changes subject to the Yakima Adjudication.			
Biennium	Period	Actual	Target
2015-17	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3	100%	100%
	Q2	0%	100%
	Q1	0%	100%

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Percent 002771 - Percentage of Water Right Change Notices filed timely with the Yakima County Superior Court



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



A002 Administration

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

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	158.0	151.5	154.8
219 Air Operating Permit Account			
219-1 State	\$162,000	\$164,000	\$326,000
216 Air Pollution Control Account			
216-1 State	\$203,000	\$193,000	\$396,000
10A Aquatic Algae Control Account			
10A-1 State	\$5,000	\$4,000	\$9,000
199 Biosolids Permit Account			
199-1 State	\$90,000	\$88,000	\$178,000
11J Electronic Products Recycling Account			
11J-6 Non-Appropriated	\$29,000	\$47,000	\$76,000
19G Environmental Legacy Stewardship Account			
19G-1 State	\$1,258,000	\$1,103,000	\$2,361,000
02P Flood Control Assistance Account			
02P-1 State	\$67,000	\$66,000	\$133,000
222 Freshwater Aquatic Weeds Account			
222-1 State	\$21,000	\$20,000	\$41,000
001 General Fund			
001-1 State	\$2,042,000	\$2,160,000	\$4,202,000
001-2 Federal	\$2,190,000	\$2,127,000	\$4,317,000
001-7 Private/Local	\$256,000	\$269,000	\$525,000
001 Account Total	\$4,488,000	\$4,556,000	\$9,044,000
207 Hazardous Waste Assistance Account			
207-1 State	\$351,000	\$327,000	\$678,000
072 State and Local Improvements Revolving Account (Water Supply Facilities)			
072-1 State	\$13,000	\$13,000	\$26,000
174 Local Toxics Control Account			
174-1 State	\$190,000	\$169,000	\$359,000
217 Oil Spill Prevention Account			
217-1 State	\$376,000	\$345,000	\$721,000
16T Product Stewardship Programs Account			
16T-6 Non-Appropriated	\$12,000	\$12,000	\$24,000
20R Radioactive Mixed Waste Account			
20R-1 State	\$760,000	\$797,000	\$1,557,000

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
027 Reclamation Account			
027-1 State	\$124,000	\$187,000	\$311,000
125 Site Closure Account			
125-1 State	\$16,000	\$16,000	\$32,000
173 State Toxics Control Account			
173-1 State	\$5,218,000	\$5,091,000	\$10,309,000
182 Underground Storage Tank Account			
182-1 State	\$170,000	\$167,000	\$337,000
044 Waste Reduction/Recycling/Litter Control			
044-1 State	\$408,000	\$380,000	\$788,000
564 Water Pollution Control Revol Admin			
564-1 State	\$29,000	\$107,000	\$136,000
727-1 State	\$15,000	\$8,000	\$23,000
727-2 Federal	\$86,000	\$28,000	\$114,000
727 Account Total	\$130,000	\$143,000	\$273,000
176 Water Quality Permit Account			
176-1 State	\$2,104,000	\$1,904,000	\$4,008,000
10G Water Rights Tracking System Account			
10G-1 State	\$18,000	\$20,000	\$38,000
160 Wood Stove Education and Enforcement Account			
160-1 State	\$15,000	\$23,000	\$38,000
163 Worker and Community Right-to-Know Account			
163-1 State	\$80,000	\$81,000	\$161,000

Program TRN - Department of Ecology-Transportation

Account	FY 2016	FY 2017	Biennial Total
108 Motor Vehicle Account			
108-1 State	\$0	\$10,000	\$10,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

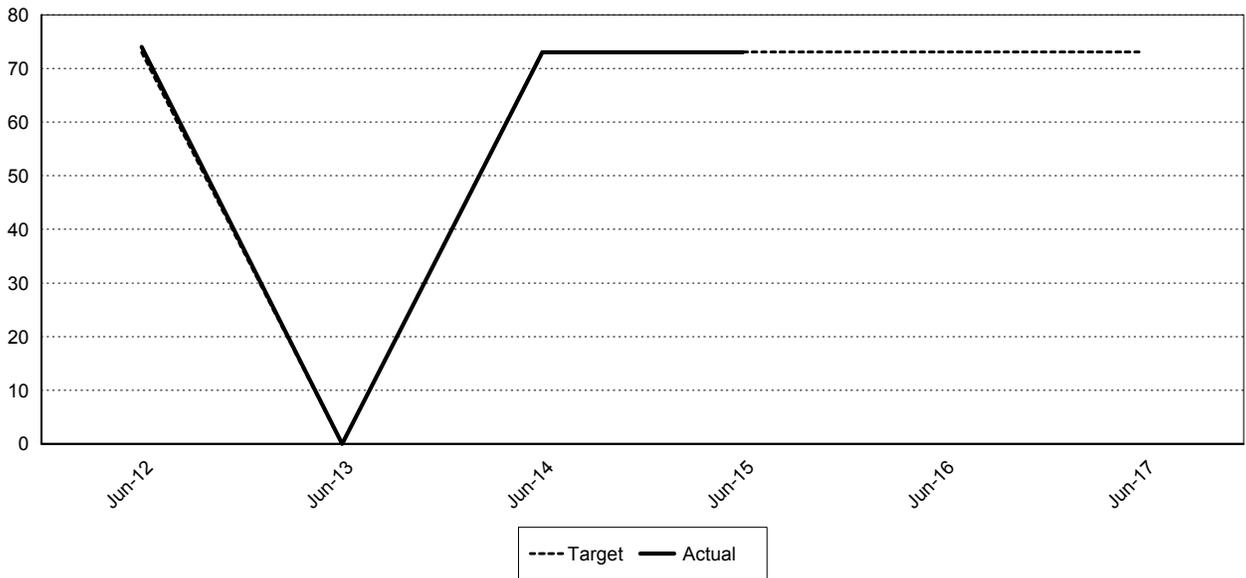
Expected Results

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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.

002728			
Biennium	Period	Actual	Target
2015-17	A3		73%
	A2		73%
2013-15	A3	73%	73%
	A2	73%	73%
2011-13	A3	0%	0%
	A2	74%	73%

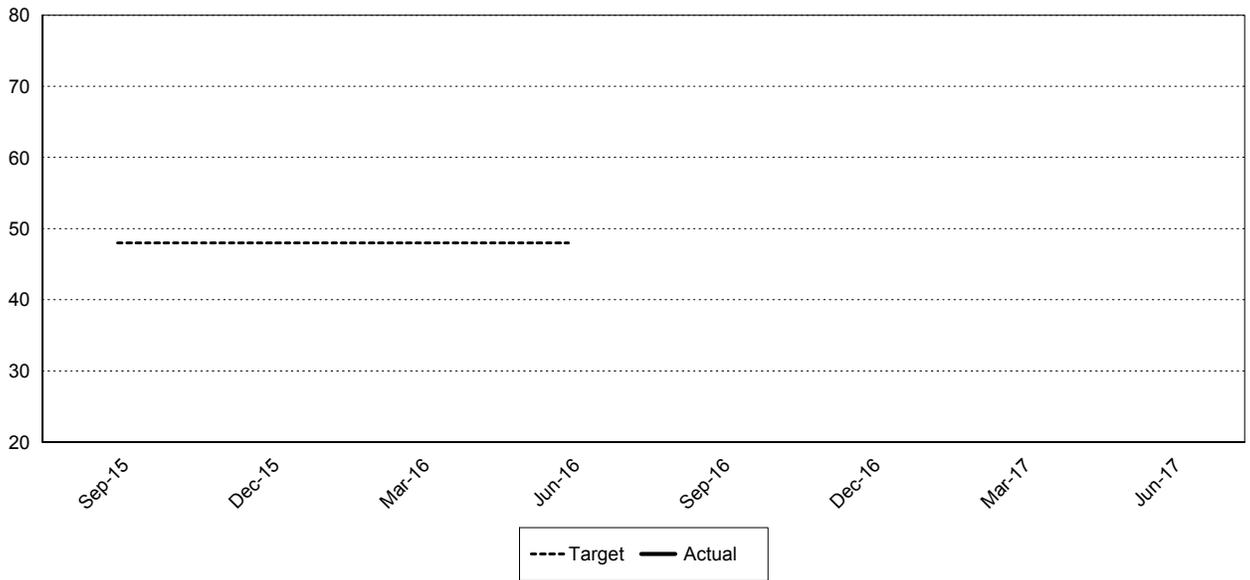
Percent 002728 - By survey, percent of employees indicating they are usually or always satisfied with their jobs.



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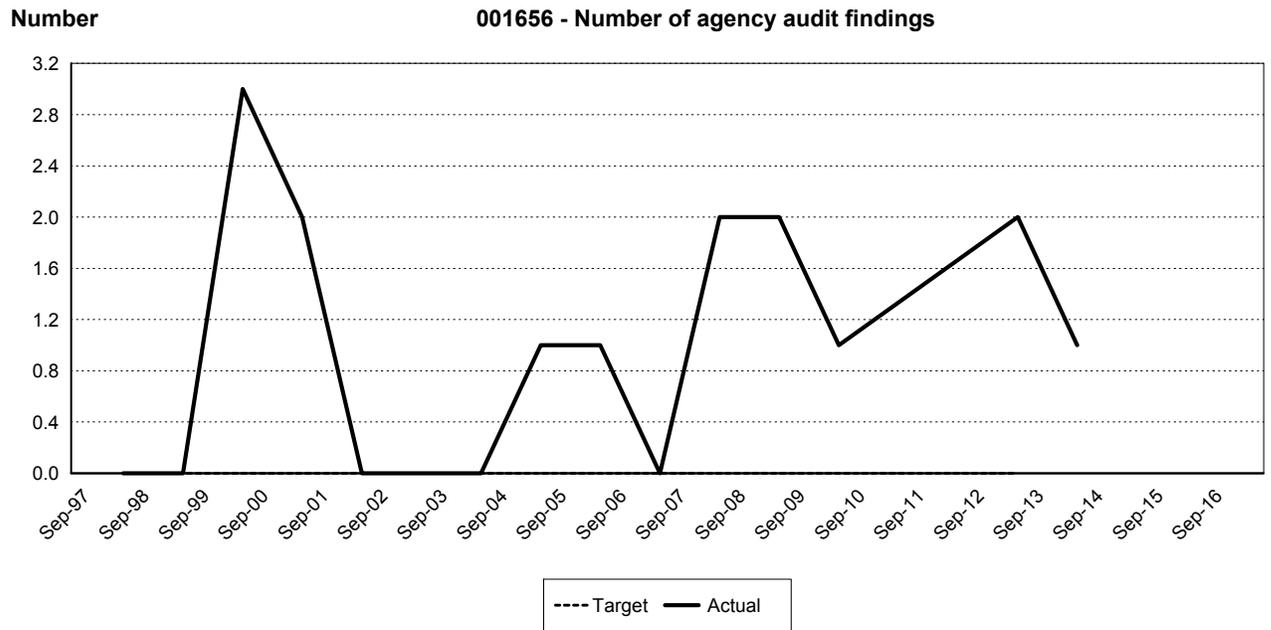
002770 kBtu per square foot per quarter			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		48%
	Q3		48%
	Q2		48%
	Q1		48%

Percent 002770 - Energy use index for Ecology facilities over 10,000 sq. ft.(measured as energy used per sq. ft./qtr)



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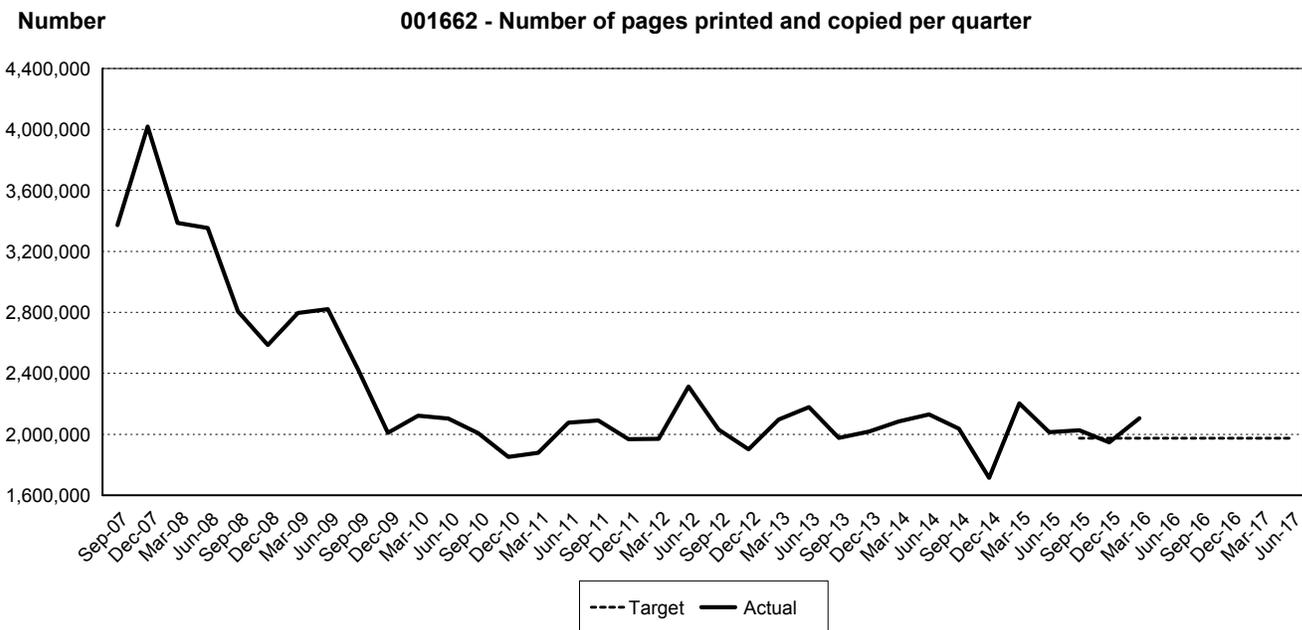
001656 Number of agency audit findings.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		
	2013-15	Q8	
Q7			
Q6			
Q5			
Q4		1	
Q3			
Q2			
Q1			
2011-13		Q8	2
	Q7		
	Q6		
	Q5		
	Q4		0
	Q3		
	Q2		
	Q1		



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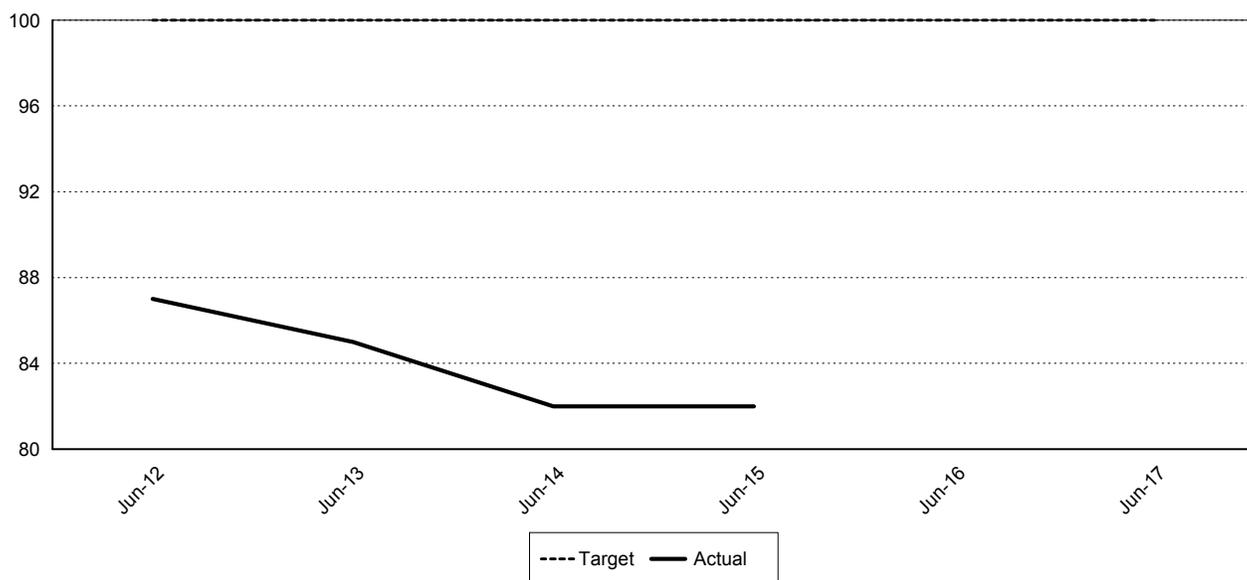
001662 The number of pages printed and copied per quarter.			
Biennium	Period	Actual	Target
2015-17	Q8		1,974,373
	Q7		1,974,373
	Q6		1,974,373
	Q5		1,974,373
	Q4		1,974,373
	Q3	2,104,878	1,974,373
	Q2	1,948,017	1,974,373
	Q1	2,026,143	1,974,373
2013-15	Q8	2,014,666	
	Q7	2,203,019	
	Q6	1,713,965	
	Q5	2,036,224	
	Q4	2,129,319	
	Q3	2,085,024	
	Q2	2,017,088	
	Q1	1,975,688	
2011-13	Q8	2,177,160	
	Q7	2,097,616	
	Q6	1,901,646	
	Q5	2,029,698	
	Q4	2,312,650	
	Q3	1,970,522	
	Q2	1,968,021	
	Q1	2,090,602	

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002727			
Biennium	Period	Actual	Target
2015-17	A3		100%
	A2		100%
2013-15	A3	82%	100%
	A2	82%	100%
2011-13	A3	85%	100%
	A2	87%	100%

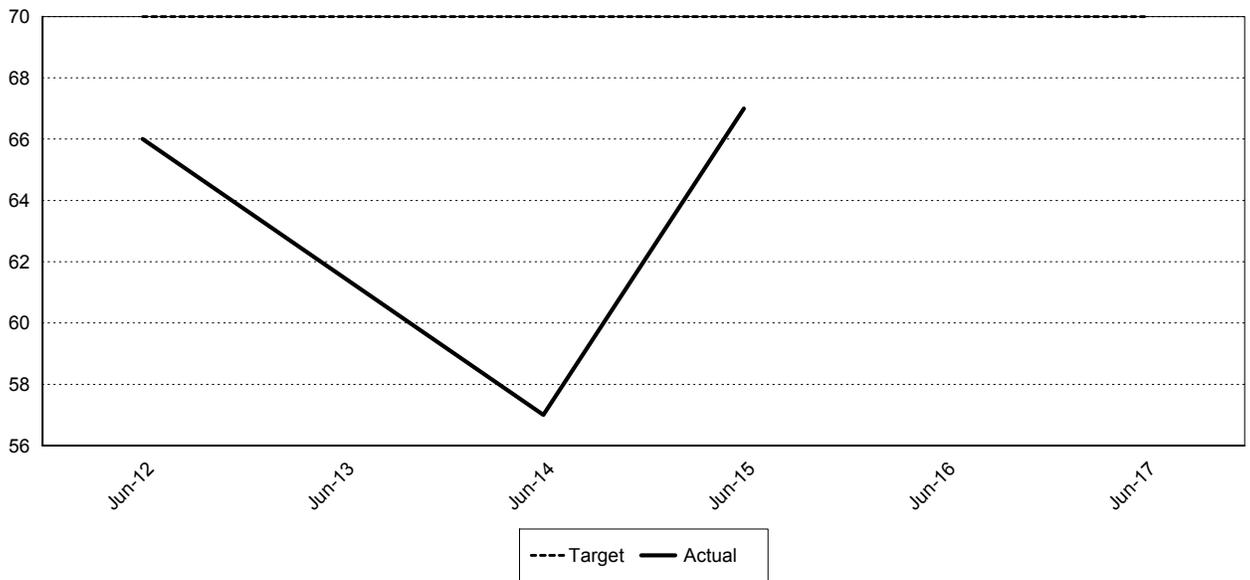
002727 - Percent of current employees who have completed performance development plans



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002729 Percent of Ecology employees taking the annual employee survey			
Biennium	Period	Actual	Target
2015-17	A3		70%
	A2		70%
2013-15	A3	67%	70%
	A2	57%	70%
2011-13	A3		
	A2	66%	70%

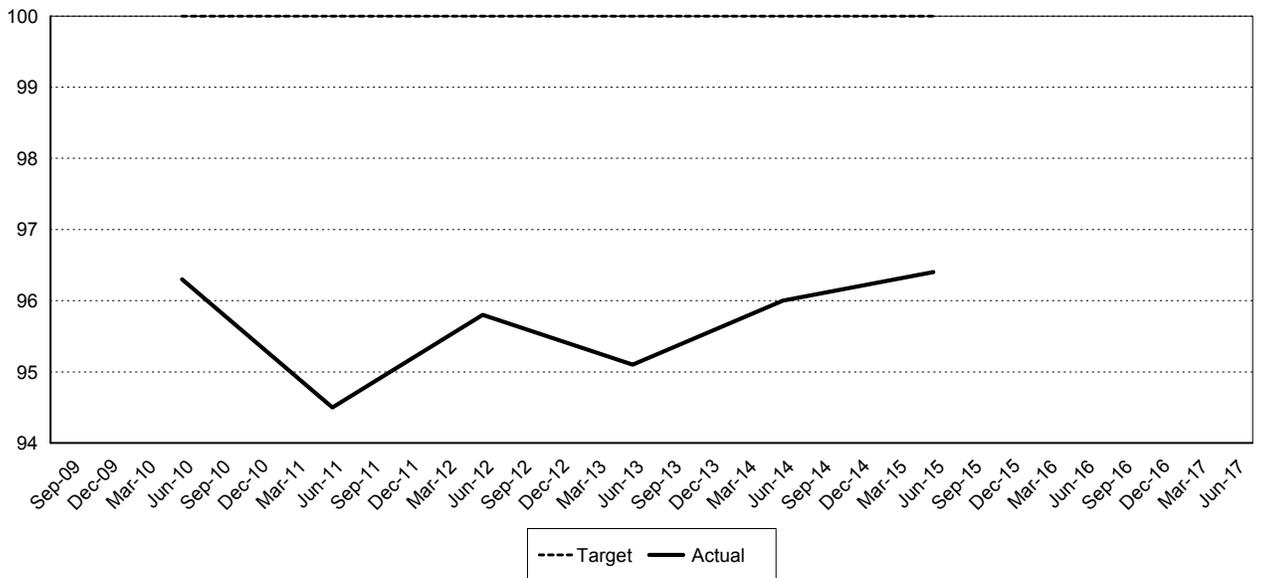
Percent 002729 - Percent of Ecology employees taking the annual employee survey



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001767 Percent of employees who are accident-free			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		
	A1		
	A1		
2013-15	A3		
	A3	96.4%	100%
	A2		
	A2	96%	100%
	A2		
	A2		
	A1		
	A1		
2011-13	A3		
	A3	95.1%	100%
	A2		
	A2	95.8%	100%
	A2		
	A2		
	A1		
	A1		

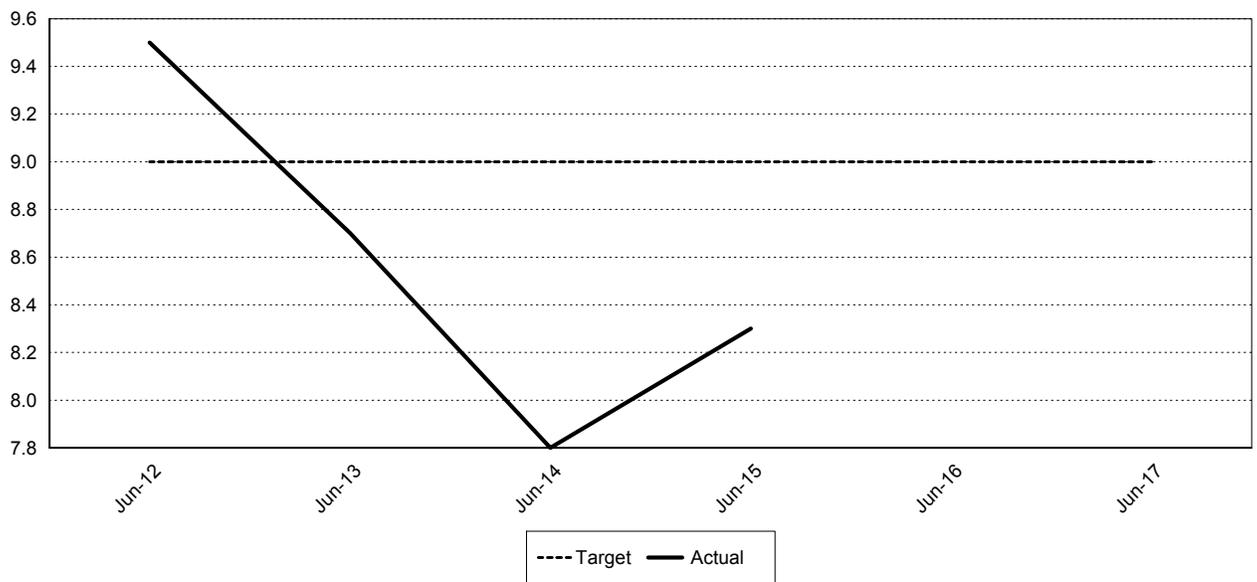
Percent 001767 - Percent of Ecology employees who are accident-free



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002726			
Biennium	Period	Actual	Target
2015-17	A3		9%
	A2		9%
2013-15	A3	8.3%	9%
	A2	7.8%	9%
2011-13	A3	8.7%	9%
	A2	9.5%	9%

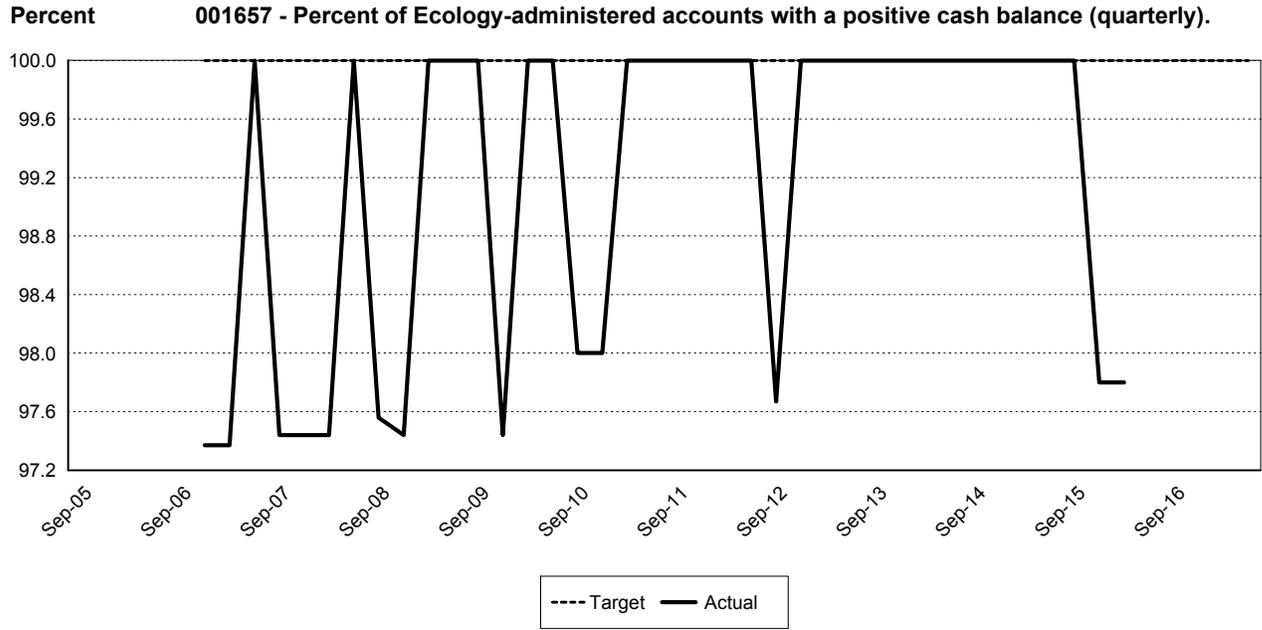
Percent 002726 - Percent of Ecology's workforce who self-identify as a veteran



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001657 Percent of Ecology-administered dedicated accounts with a positive cash balance at the end of each quarter.			
Biennium	Period	Actual	Target
2015-17	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3	97.8%	100%
	Q2	97.8%	100%
	Q1	100%	100%
2013-15	Q8	100%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%
2011-13	Q8	100%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	97.67%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%

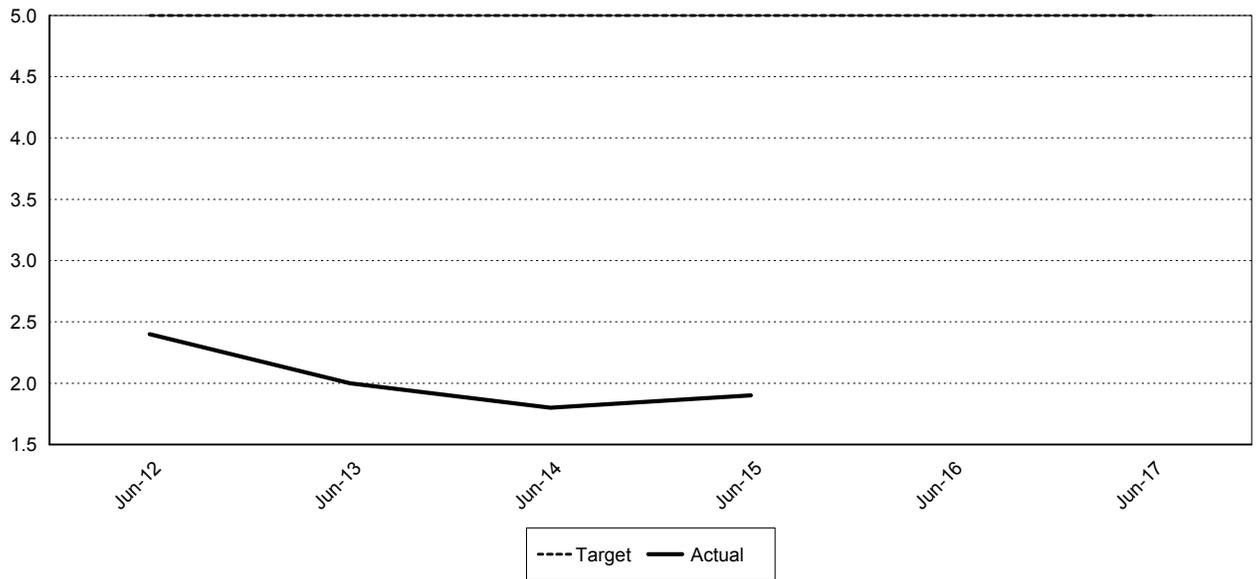
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002719			
Biennium	Period	Actual	Target
2015-17	A3		5%
	A2		5%
2013-15	A3	1.9%	5%
	A2	1.8%	5%
2011-13	A3	2%	5%
	A2	2.4%	5%

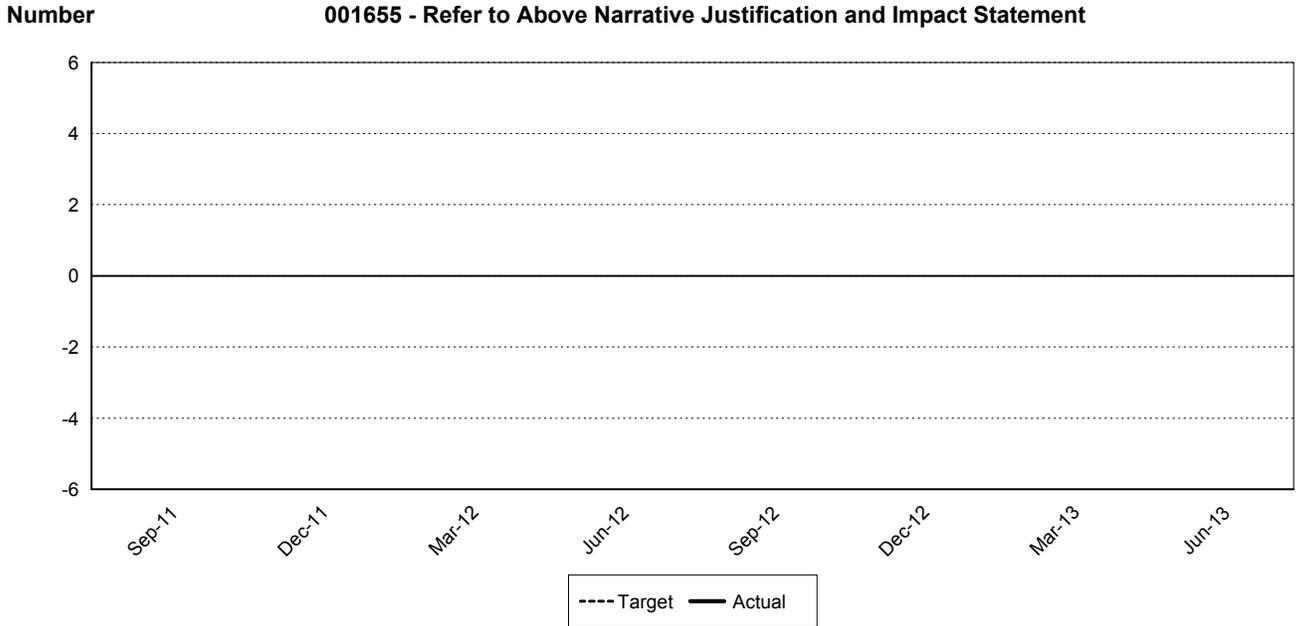
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Percent 002719 - Percent of Ecology's workforce who self-identify as a person living with a disability



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

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A003 Implementing Integrated Solutions to Protect Instream Resources

Water is a limited resource. Washington State seeks to meet increasing demands from population growth, while protecting instream resources and adapting to climate change. To accomplish this activity, Ecology works with local partners to develop creative solutions, such as new storage (above and below ground), more efficient use of water, collaborative agreements to share water between users, and legal structures to facilitate water transfers between users (water banks). Ecology manages water resources by developing watershed-specific instream flow rules; Ecology has adopted such rules in 29 of 62 watersheds in the state. Where these rules are in place, Ecology works collaboratively with local partners to develop water supply options for communities, while protecting stream flows for fish and wildlife, recreational uses and senior water right holders. In watersheds without instream flow rules, Ecology works to establish these regulatory protections, working in collaboration with local partners. To accomplish our goals, Ecology provides technical assistance and scientific expertise.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	17.3	17.3	17.3
001 General Fund			
001-1 State	\$2,960,000	\$3,148,000	\$6,108,000
001-7 Private/Local	\$67,000	\$68,000	\$135,000
001 Account Total	\$3,027,000	\$3,216,000	\$6,243,000

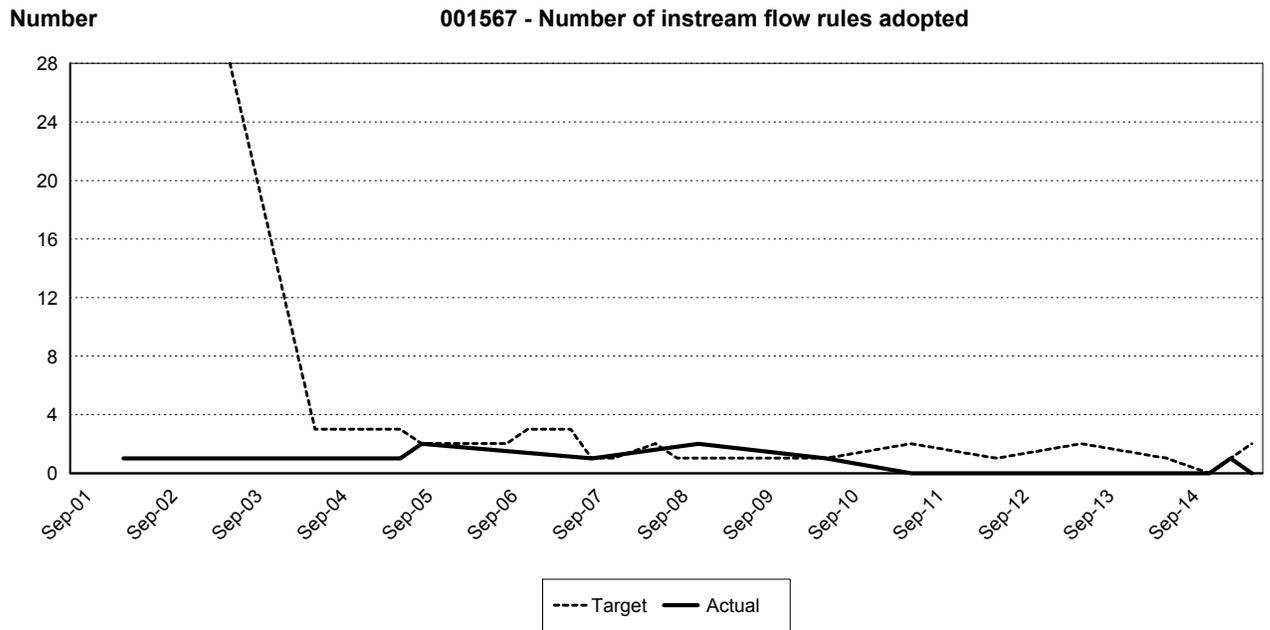
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Achieve sustainable use of public natural resources

Expected Results

Water will be available to meet the needs, today and into the future, for communities, agriculture, industry and fish. Success includes developing permanent instream flow protection through implementation of administrative rules to protect flows, coupled with water supply options to meet community and agricultural needs.

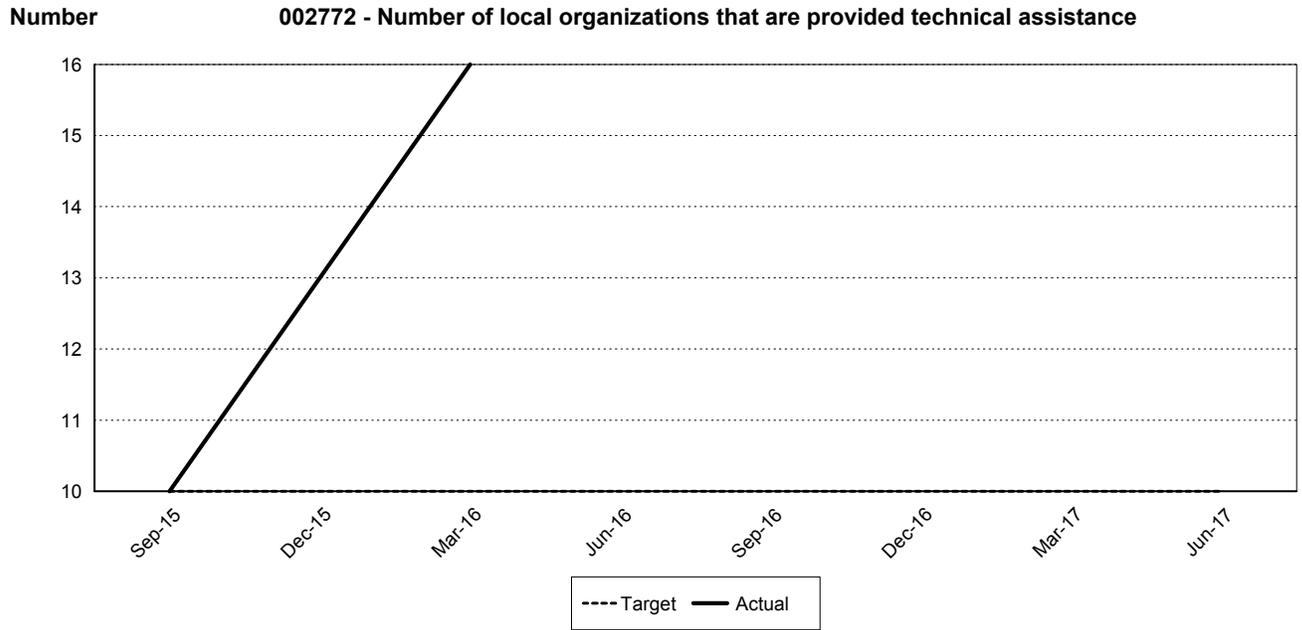
001567 Number of instream flow rules adopted			
Biennium	Period	Actual	Target
2013-15	A3	1	
	A3	0	2
	A2	0	
	A2	0	1
	A2	0	
	A2	0	0
	A1	0	
	A1	0	
2011-13	A3		
	A3	0	2
	A2		
	A2	0	1
	A2		
	A2		
	A1		
	A1		

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002772			
Biennium	Period	Actual	Target
2015-17	Q8		10
	Q7		10
	Q6		10
	Q5		10
	Q4		10
	Q3	16	10
	Q2	13	10
	Q1	10	10

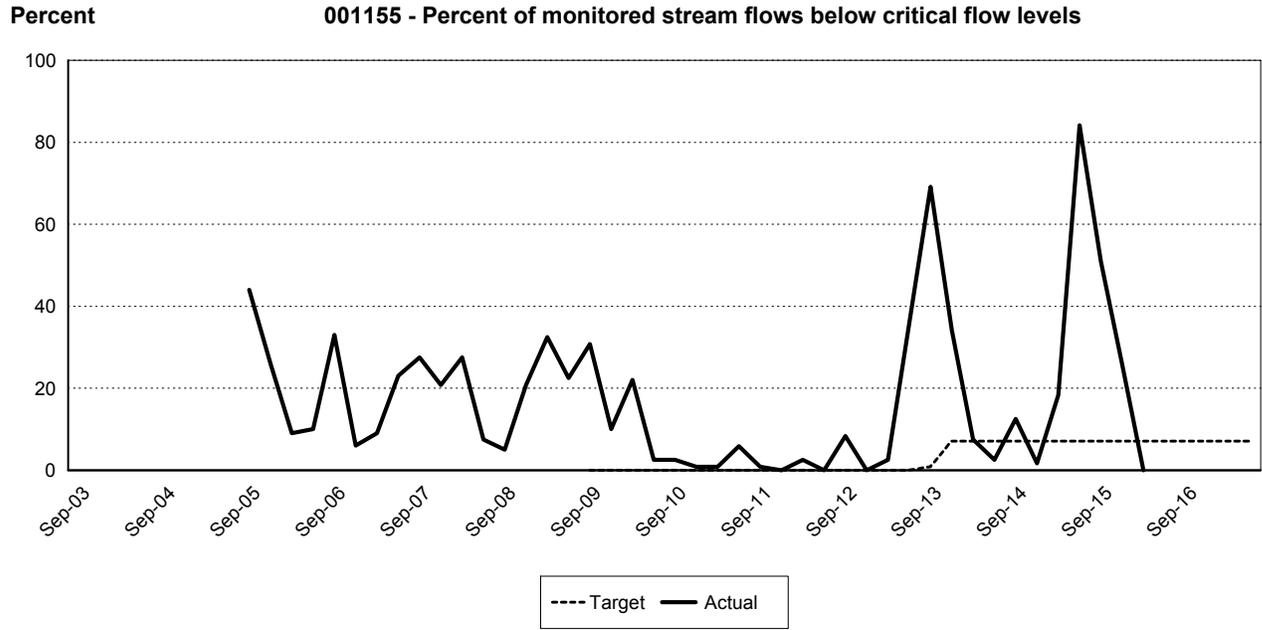
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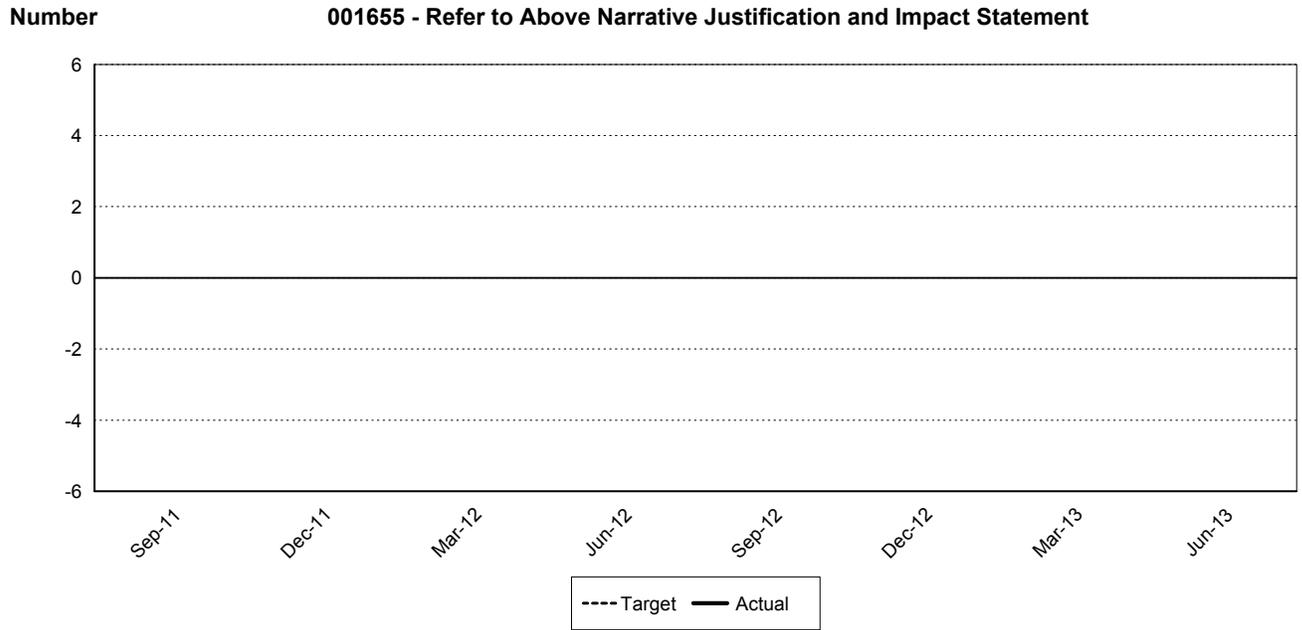
001155 Percent of monitored stream flows below critical flow levels.			
Biennium	Period	Actual	Target
2015-17	Q8		7.13%
	Q7		7.13%
	Q6		7.13%
	Q5		7.13%
	Q4		7.13%
	Q3	0%	7.13%
	Q2	25.8%	7.13%
	Q1	51%	7.13%
2013-15	Q8	84.17%	7.13%
	Q7	18.33%	7.13%
	Q6	1.7%	7.13%
	Q5	12.5%	7.13%
	Q4	2.5%	7.13%
	Q3	7.5%	7.13%
	Q2	34.2%	7.13%
	Q1	69.2%	0.83%
2011-13	Q8		0%
	Q7	2.5%	0%
	Q6	0%	0%
	Q5	8.3%	0%
	Q4	0%	0%
	Q3	2.5%	0%
	Q2	0%	0%
	Q1	0.83%	0%

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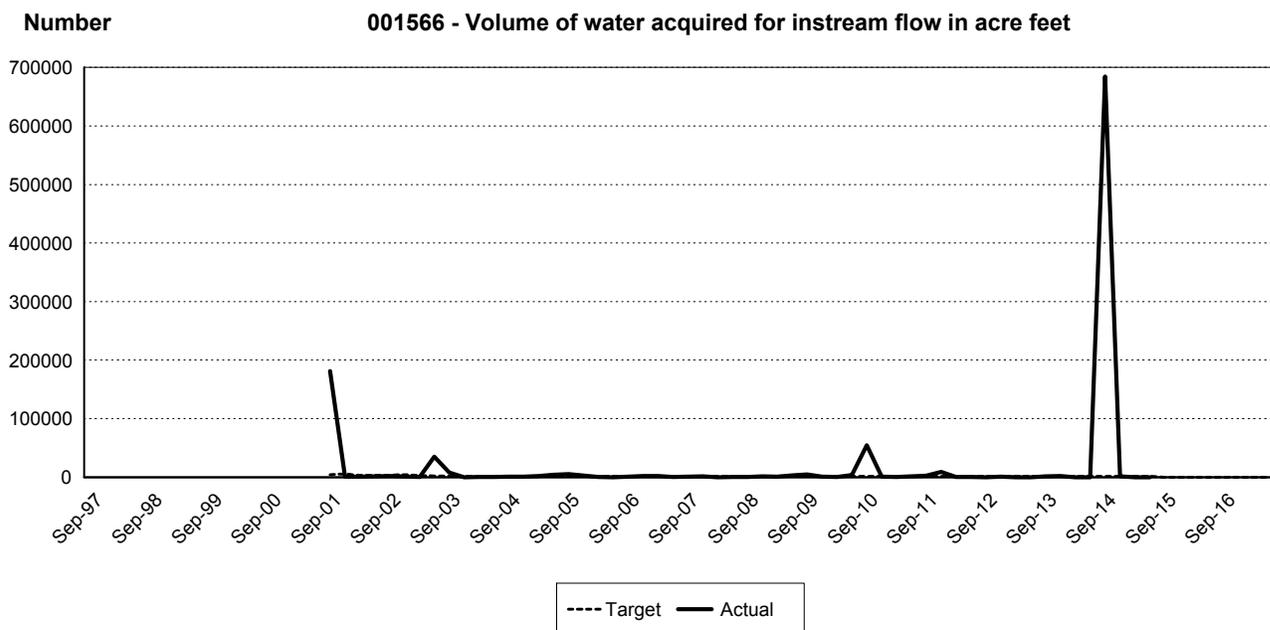
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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001566 Volume of water acquired for instream flow in acre feet			
Biennium	Period	Actual	Target
2015-17	Q8		50
	Q7		50
	Q6		50
	Q5		50
	Q4		50
	Q3		50
	Q2		50
	Q1		50
2013-15	Q8	0	1,250
	Q7	0	1,250
	Q6	1,445	1,250
	Q5	684,702	1,250
	Q4	0	1,250
	Q3	0	1,250
	Q2	2,057.17	1,250
	Q1	1,426.34	1,250
2011-13	Q8	0	1,250
	Q7	0	1,250
	Q6	1,006	1,250
	Q5	17.71	1,250
	Q4	477.88	1,250
	Q3	485.53	1,250
	Q2	8,795.01	1,250
	Q1	2,302.53	1,250



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

Ecology protects public health and natural resources by cleaning up and managing contaminated upland sites and contaminated sediments in the aquatic environment. Resources are first focused on cleaning up contaminated sites that pose the greatest risk to public health and the environment. These include sites where contamination threatens drinking water, exists in a large quantity, is very toxic, may affect a waterbody or the environmental health of sediments, or may affect people that are living, working, or recreating near the site. Contamination may be in the soil, sediments, underground water, air, drinking water, or surface water. Ecology also manages multi-agency upland and sediment cleanup projects. Cleaning up these sites protects public health, safeguards the environment, and promotes local economic development by making land available for new industries and other beneficial uses.

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	145.0	145.3	145.2
19G Environmental Legacy Stewardship Account			
19G-1 State	\$2,869,000	\$3,115,000	\$5,984,000
001 General Fund			
001-2 Federal	\$3,162,000	\$3,344,000	\$6,506,000
001-7 Private/Local	\$1,463,000	\$1,541,000	\$3,004,000
001 Account Total	\$4,625,000	\$4,885,000	\$9,510,000
173 State Toxics Control Account			
173-1 State	\$13,141,000	\$14,223,000	\$27,364,000
173-7 Private/Local	\$251,000	\$248,000	\$499,000
173 Account Total	\$13,392,000	\$14,471,000	\$27,863,000
176 Water Quality Permit Account			
176-1 State	\$635,000	\$687,000	\$1,322,000

Statewide Result Area: Sustainable Energy and a Clean Environment

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

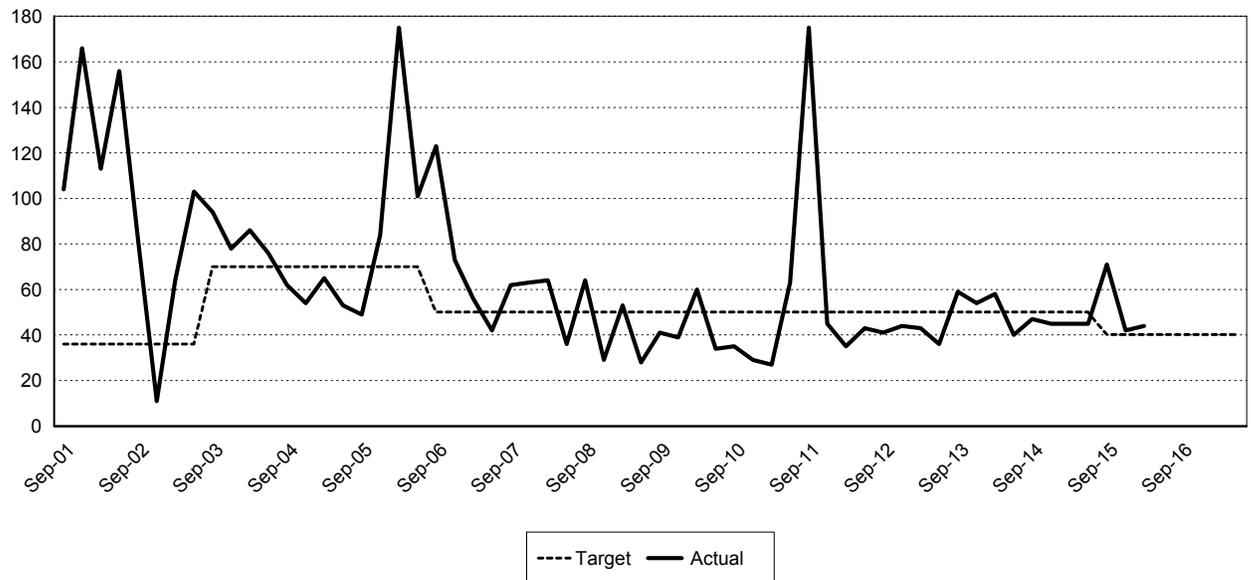
Expected Results

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

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001501 Number of known toxics-contaminated sites with cleanup actions completed.			
Biennium	Period	Actual	Target
2015-17	Q8		40
	Q7		40
	Q6		40
	Q5		40
	Q4		40
	Q3	44	40
	Q2	42	40
	Q1	71	40
2013-15	Q8	45	50
	Q7	45	50
	Q6	45	50
	Q5	47	50
	Q4	40	50
	Q3	58	50
	Q2	54	50
	Q1	59	50
2011-13	Q8	36	50
	Q7	43	50
	Q6	44	50
	Q5	41	50
	Q4	43	50
	Q3	35	50
	Q2	45	50
	Q1	175	50

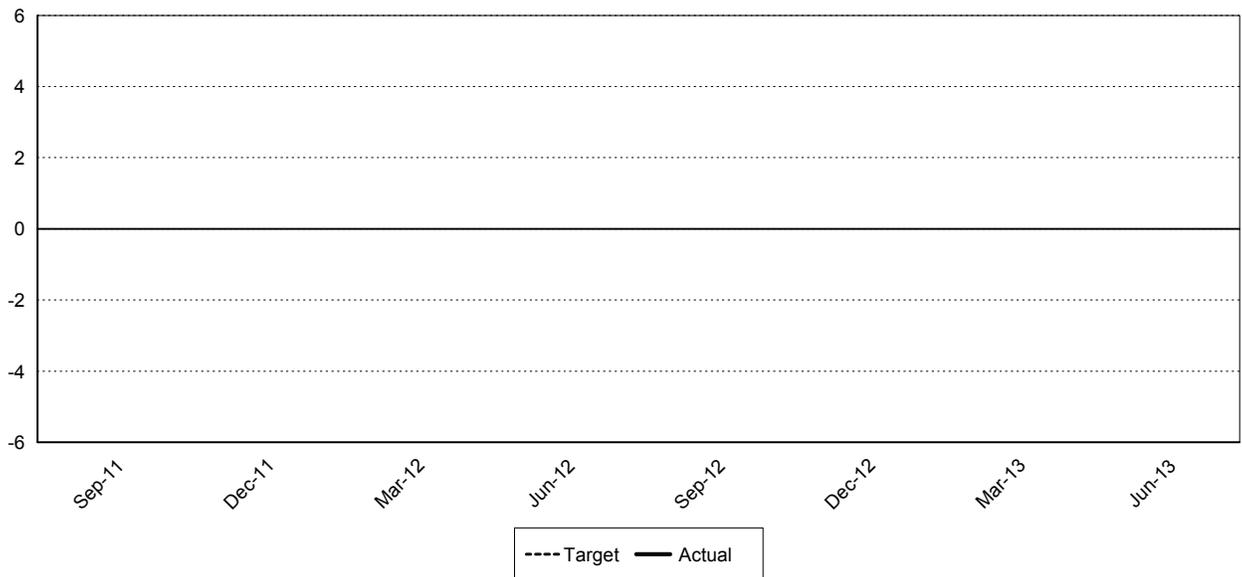
Number **001501 - Number of known toxics-contaminated sites with cleanup actions completed state-wide**



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

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Number 001655 - Refer to Above Narrative Justification and Impact Statement



A006 Clean Up Polluted Waters

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	33.9	33.3	33.6
19G Environmental Legacy Stewardship Account			
19G-1 State	\$85,000	\$86,000	\$171,000
001 General Fund			
001-1 State	\$51,000	\$5,000	\$56,000
001-2 Federal	\$1,882,000	\$1,645,000	\$3,527,000
001 Account Total	\$1,933,000	\$1,650,000	\$3,583,000
173 State Toxics Control Account			
173-1 State	\$1,769,000	\$2,086,000	\$3,855,000
176 Water Quality Permit Account			
176-1 State	\$249,000	\$229,000	\$478,000

Statewide Result Area: Sustainable Energy and a Clean Environment

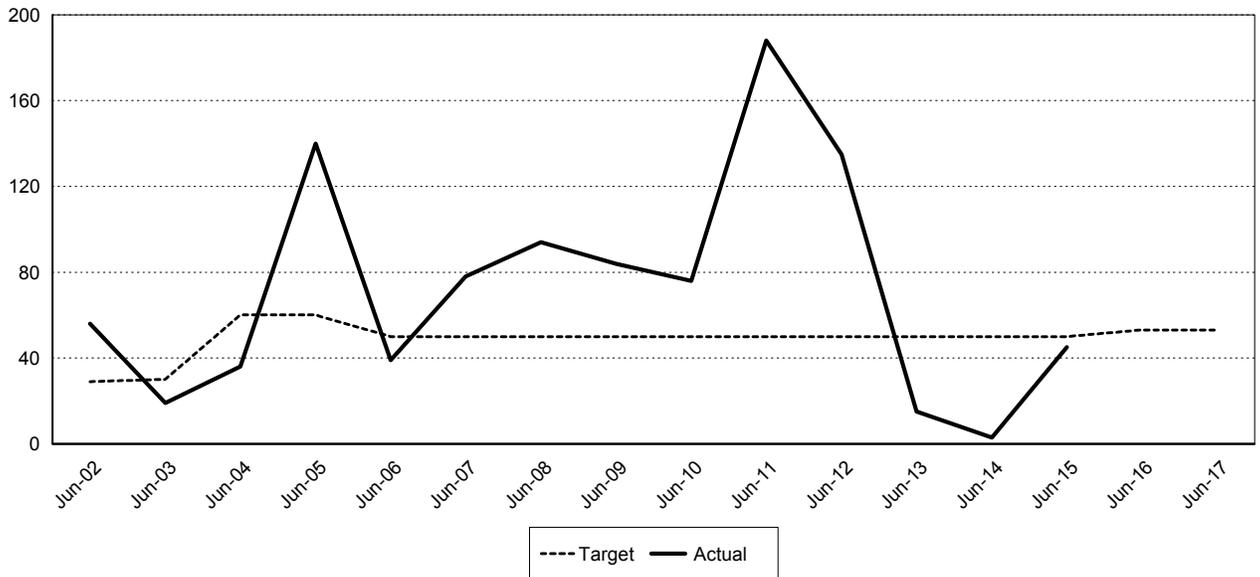
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

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

001553 Number of water quality cleanup plans submitted to the US Environmental Protection Agency			
Biennium	Period	Actual	Target
2015-17	A3		53
	A2		53
2013-15	A3	45	50
	A2	3	50
2011-13	A3	15	50
	A2	135	50

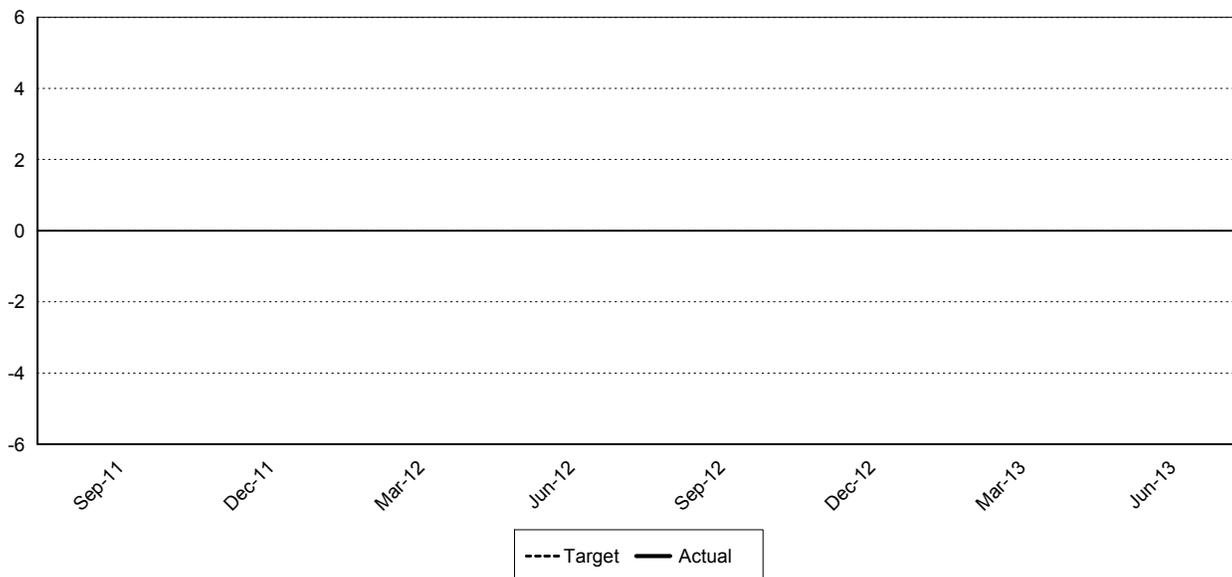
Number 001553 - Number of water quality cleanup plans submitted to the US Environmental Protection Agency



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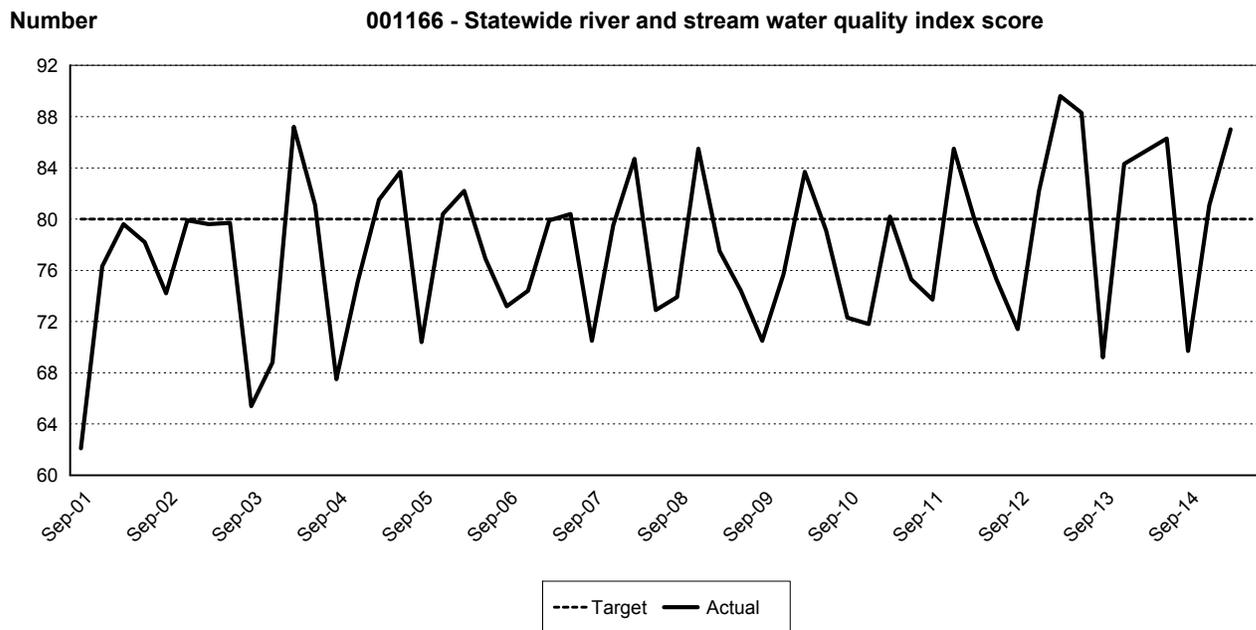
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number 001655 - Refer to Above Narrative Justification and Impact Statement



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001166 Statewide river and stream water quality index score.			
Biennium	Period	Actual	Target
2013-15	Q8		80
	Q7	87	80
	Q6	81.1	80
	Q5	69.7	80
	Q4	86.3	80
	Q3		80
	Q2	84.3	80
	Q1	69.2	80
2011-13	Q8	88.3	80
	Q7	89.6	80
	Q6	82.2	80
	Q5	71.4	80
	Q4	75.3	80
	Q3	79.8	80
	Q2	85.5	80
	Q1	73.7	80



A007 Conduct Environmental Studies for Pollution Source Identification and Control

Ecology conducts pollution studies to address known or suspected problems at specific sites and across regional areas. These studies support agency efforts under the federal Clean Water Act, as well as the state Water Pollution Control and Model Toxics Control Acts. Studies range from simple water quality sampling for bacteria or dissolved oxygen, to very complex projects measuring toxic contaminants in fish tissues or pesticides in groundwater. Many projects are water cleanup studies, which calculate the total maximum daily load (TMDL) of a pollutant a water body can absorb without causing violations of water quality standards. Under a memorandum of agreement with the Environmental Protection Agency (EPA), Ecology must develop nearly 1,500 TMDLs by 2013. Study results are published in scientific reports used for regulatory decision making, policy development, and environmental health protection.

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	60.5	60.2	60.4
19G Environmental Legacy Stewardship Account			
19G-1 State	\$25,000	\$26,000	\$51,000
001 General Fund			
001-1 State	\$81,000	\$55,000	\$136,000
001-2 Federal	\$2,114,000	\$2,139,000	\$4,253,000
001 Account Total	\$2,195,000	\$2,194,000	\$4,389,000
173 State Toxics Control Account			
173-1 State	\$2,543,000	\$2,317,000	\$4,860,000
176 Water Quality Permit Account			
176-1 State	\$2,442,000	\$2,547,000	\$4,989,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

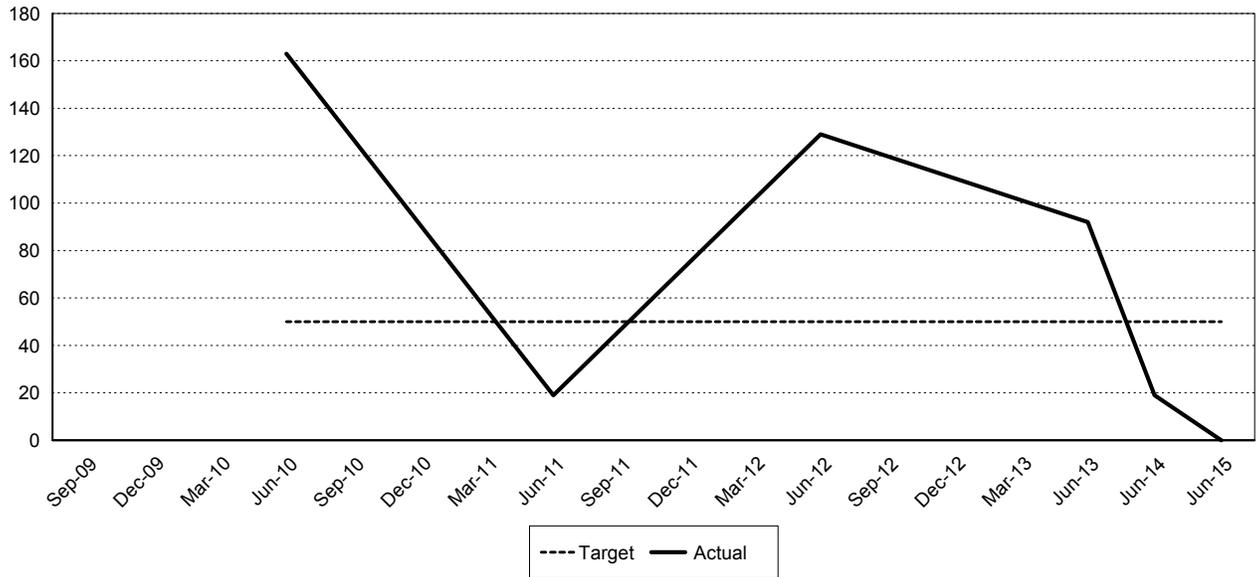
Expected Results

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

001165 Number of polluted waters assessed to identify pollution sources or cleanup success.			
Biennium	Period	Actual	Target
2013-15	A3	0	50
	A2	19	50
2011-13	A3	92	50
	A2		
	A2	129	50
	A2		
	A2		
	A1		

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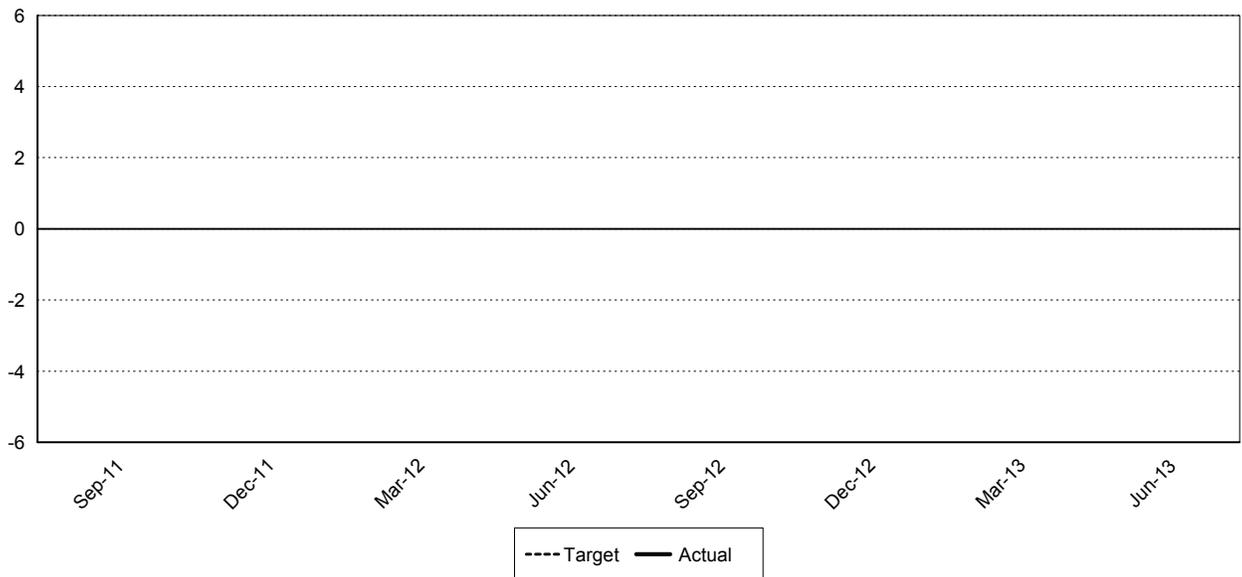
Number 001655 - Number of polluted waters assessed to identify pollution sources or cleanup success



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A008 Control Stormwater Pollution

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	58.1	58.9	58.5
19G Environmental Legacy Stewardship Account			
19G-1 State	\$1,306,000	\$1,030,000	\$2,336,000
001 General Fund			
001-2 Federal	\$71,000	\$64,000	\$135,000
001-7 Private/Local	\$2,085,000	\$3,095,000	\$5,180,000
001 Account Total	\$2,156,000	\$3,159,000	\$5,315,000
173 State Toxics Control Account			
173-1 State	\$1,814,000	\$1,630,000	\$3,444,000
176 Water Quality Permit Account			
176-1 State	\$5,824,000	\$5,750,000	\$11,574,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

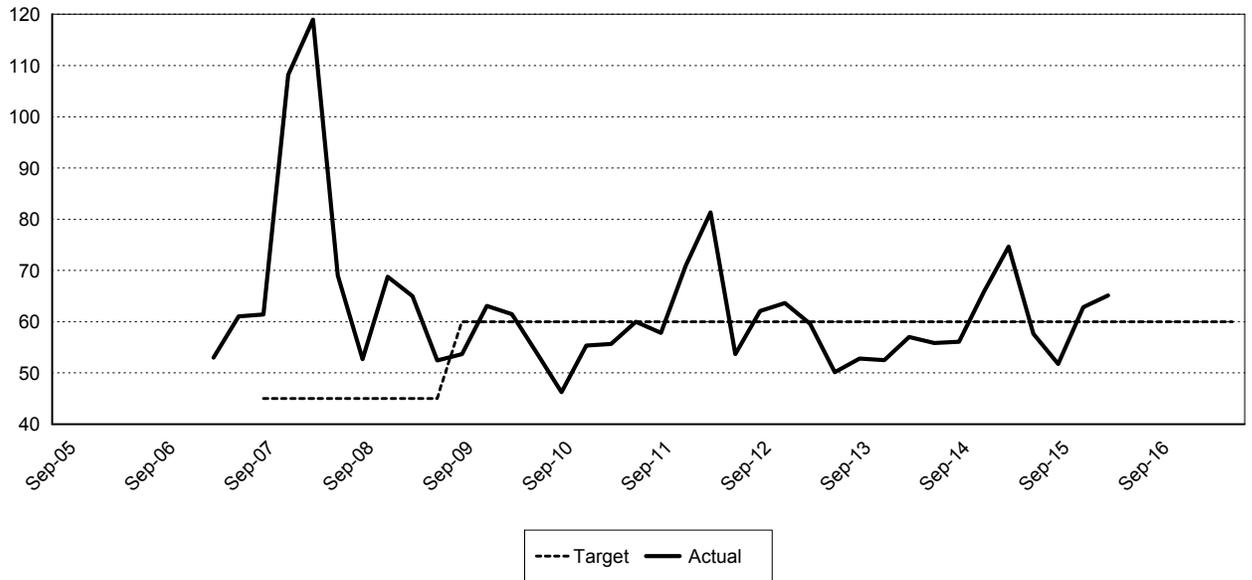
Expected Results

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

001554 Average number of days it takes to make final decisions on construction stormwater permits.			
Biennium	Period	Actual	Target
2015-17	Q8		60
	Q7		60
	Q6		60
	Q5		60
	Q4		60
	Q3	65.09	60
	Q2	62.83	60
	Q1	51.74	60
2013-15	Q8	57.62	60
	Q7	74.64	60
	Q6	65.82	60
	Q5	56.05	60
	Q4	55.81	60
	Q3	57	60
	Q2	52.46	60
	Q1	52.8	60
2011-13	Q8	50.14	60
	Q7	59.6	60
	Q6	63.64	60
	Q5	62.05	60
	Q4	53.66	60
	Q3	81.36	60
	Q2	70.94	60
	Q1	57.8	60

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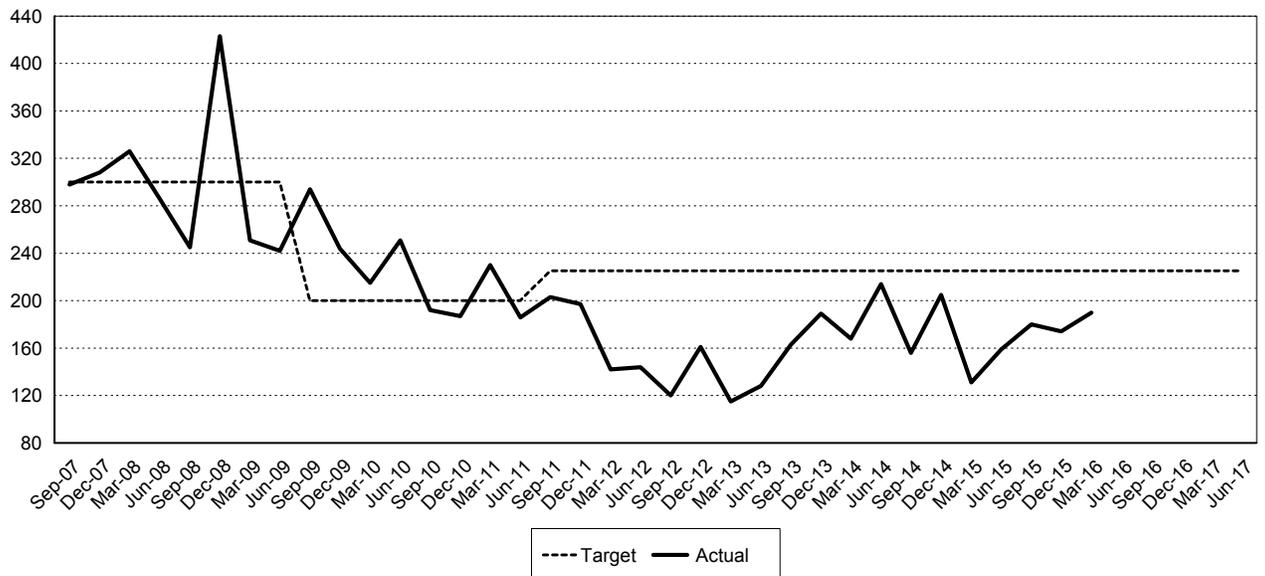
Number **001554 - Average number of days it takes to make final decisions on construction stormwater permits**



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001557 Number of construction stormwater inspections			
Biennium	Period	Actual	Target
2015-17	Q8		225
	Q7		225
	Q6		225
	Q5		225
	Q4		225
	Q3	190	225
	Q2	174	225
	Q1	180	225
2013-15	Q8	159	225
	Q7	131	225
	Q6	205	225
	Q5	156	225
	Q4	214	225
	Q3	168	225
	Q2	189	225
	Q1	163	225
2011-13	Q8	128	225
	Q7	115	225
	Q6	161	225
	Q5	120	225
	Q4	144	225
	Q3	142	225
	Q2	197	225
	Q1	203	225

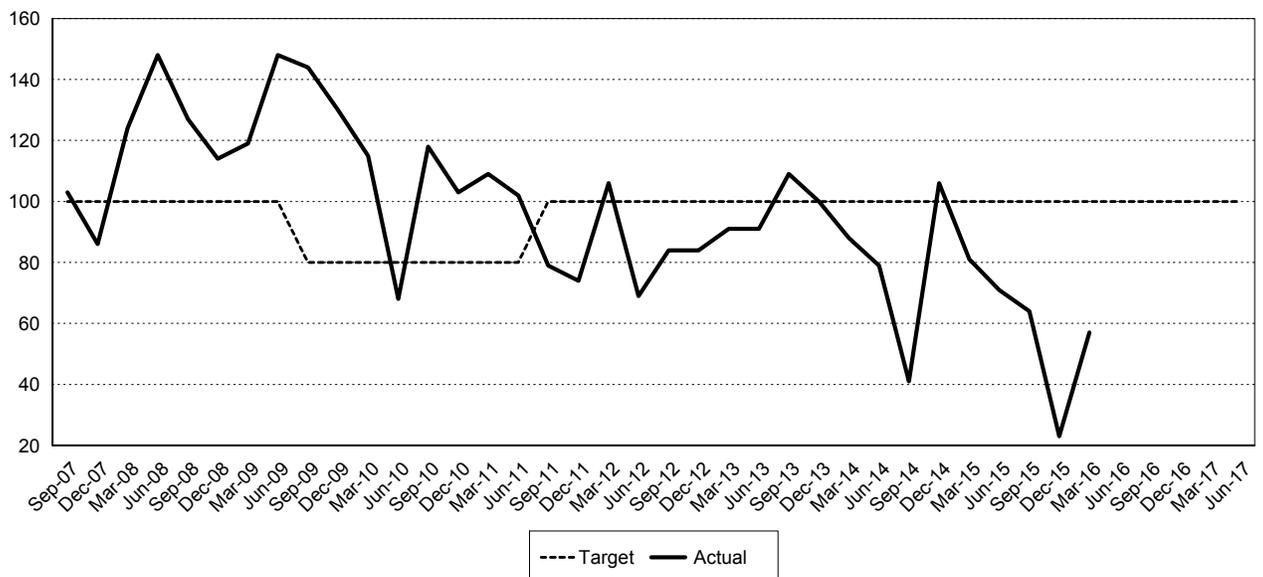
Number 001557 - Number of construction stormwater inspections conducted



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001556 Number of industrial stormwater inspections			
Biennium	Period	Actual	Target
2015-17	Q8		100
	Q7		100
	Q6		100
	Q5		100
	Q4		100
	Q3	57	100
	Q2	23	100
	Q1	64	100
2013-15	Q8	71	100
	Q7	81	100
	Q6	106	100
	Q5	41	100
	Q4	79	100
	Q3	88	100
	Q2	100	100
	Q1	109	100
2011-13	Q8	91	100
	Q7	91	100
	Q6	84	100
	Q5	84	100
	Q4	69	100
	Q3	106	100
	Q2	74	100
	Q1	79	100

Number 001556 - Number of industrial stormwater inspections conducted

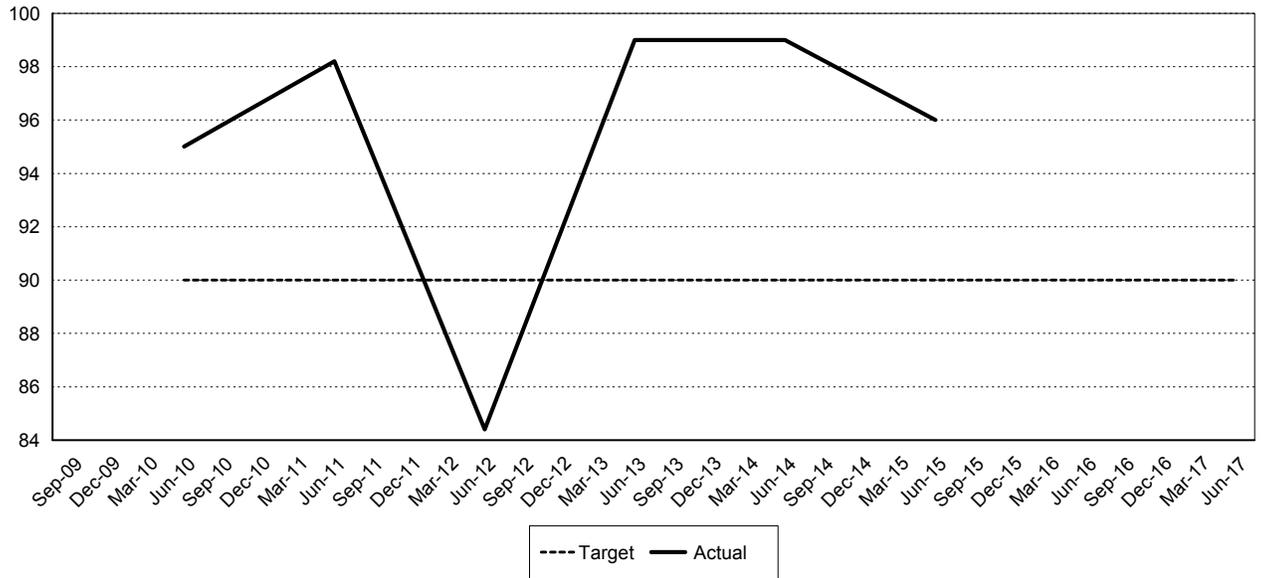


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001555 Percent of city and county Phase II Municipal Stormwater permittees in substantial compliance with their permit.			
Biennium	Period	Actual	Target
2015-17	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3		90%
	Q2		90%
	Q1		90%
2013-15	Q8	96%	90%
	Q7		
	Q6		
	Q5		
	Q4	99%	90%
	Q3		
	Q2		
	Q1		
2011-13	Q8	99%	90%
	Q7		
	Q6		
	Q5		
	Q4	84.4%	90%
	Q3		
	Q2		
	Q1		

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

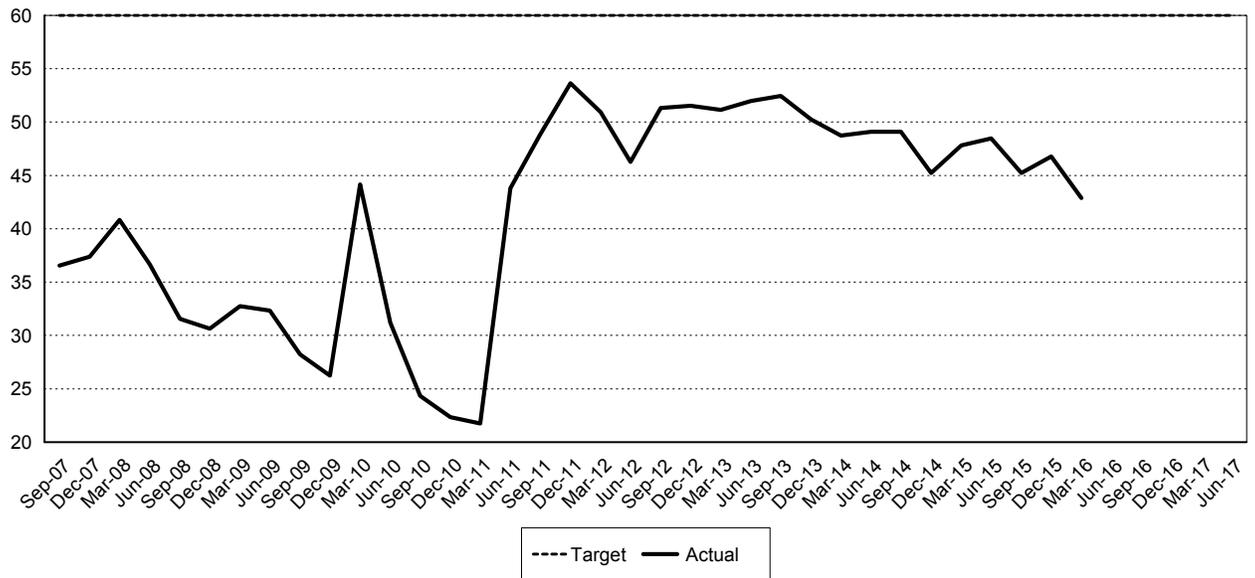


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001559 Percent of construction stormwater facilities submitting discharge monitoring reports as required by permit			
Biennium	Period	Actual	Target
2015-17	Q8		60%
	Q7		60%
	Q6		60%
	Q5		60%
	Q4		60%
	Q3	42.89%	60%
	Q2	46.76%	60%
	Q1	45.24%	60%
2013-15	Q8	48.46%	60%
	Q7	47.82%	60%
	Q6	45.22%	60%
	Q5	49.08%	60%
	Q4	49.1%	60%
	Q3	48.74%	60%
	Q2	50.24%	60%
	Q1	52.45%	60%
2011-13	Q8	51.96%	60%
	Q7	51.15%	60%
	Q6	51.53%	60%
	Q5	51.32%	60%
	Q4	46.28%	60%
	Q3	50.92%	60%
	Q2	53.62%	60%
	Q1	48.85%	60%

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Percent 001559 - Percent of construction stormwater facilities submitting discharge monitoring reports as required by

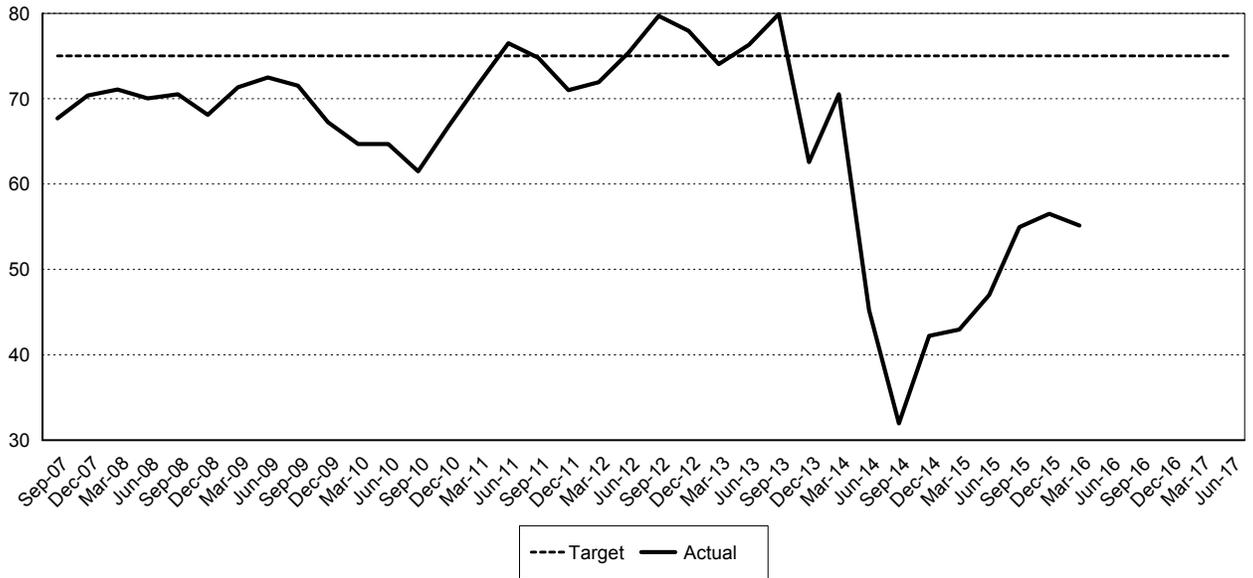


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001558 Percent of industrial stormwater facilities submitting discharge monitoring reports as required by permit			
Biennium	Period	Actual	Target
2015-17	Q8		75%
	Q7		75%
	Q6		75%
	Q5		75%
	Q4		75%
	Q3	55.16%	75%
	Q2	56.52%	75%
	Q1	54.96%	75%
2013-15	Q8	47%	75%
	Q7	42.95%	75%
	Q6	42.21%	75%
	Q5	31.97%	75%
	Q4	45.23%	75%
	Q3	70.51%	75%
	Q2	62.58%	75%
	Q1	79.9%	75%
2011-13	Q8	76.3%	75%
	Q7	74.05%	75%
	Q6	77.95%	75%
	Q5	79.71%	75%
	Q4	75.37%	75%
	Q3	71.94%	75%
	Q2	71.02%	75%
	Q1	74.8%	75%

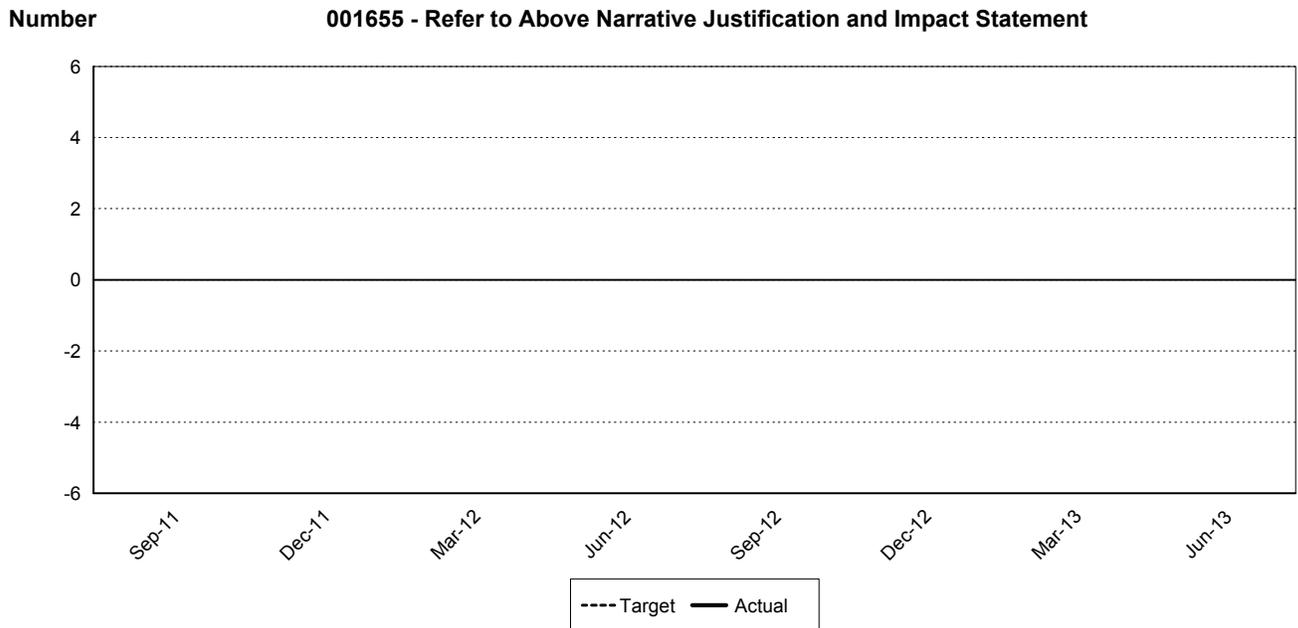
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Percent 001558 - Percent of industrial stormwater facilities submitting discharge monitoring reports as required by p



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

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A009 Eliminate Waste and Promote Material Reuse

In order to eliminate waste whenever possible and use the remaining waste as resources, the Department of Ecology:

- * Provides technical assistance to local governments for waste reduction and recycling programs;
- * Works with industry to overcome barriers to construction and demolition material reuse and recycling;
- * Develops regulations and provides technical assistance to promote reuse of organic materials and ensures an environmentally compliant biosolids program in the state.; and
- * Advises state and local governments on how to promote environmentally preferred purchasing.
- * Oversees producer-managed recycling programs for electronics and mercury-containing lights.

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	31.9	32.0	32.0
199 Biosolids Permit Account			
199-1 State	\$965,000	\$965,000	\$1,930,000
11J Electronic Products Recycling Account			
11J-6 Non-Appropriated	\$341,000	\$342,000	\$683,000
001 General Fund			
001-1 State	\$24,000	\$26,000	\$50,000
174 Local Toxics Control Account			
174-1 State	\$628,000	\$637,000	\$1,265,000
16T Product Stewardship Programs Account			
16T-6 Non-Appropriated	\$99,000	\$99,000	\$198,000
173 State Toxics Control Account			
173-1 State	\$477,000	\$511,000	\$988,000
044 Waste Reduction/Recycling/Litter Control			
044-1 State	\$1,639,000	\$1,710,000	\$3,349,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

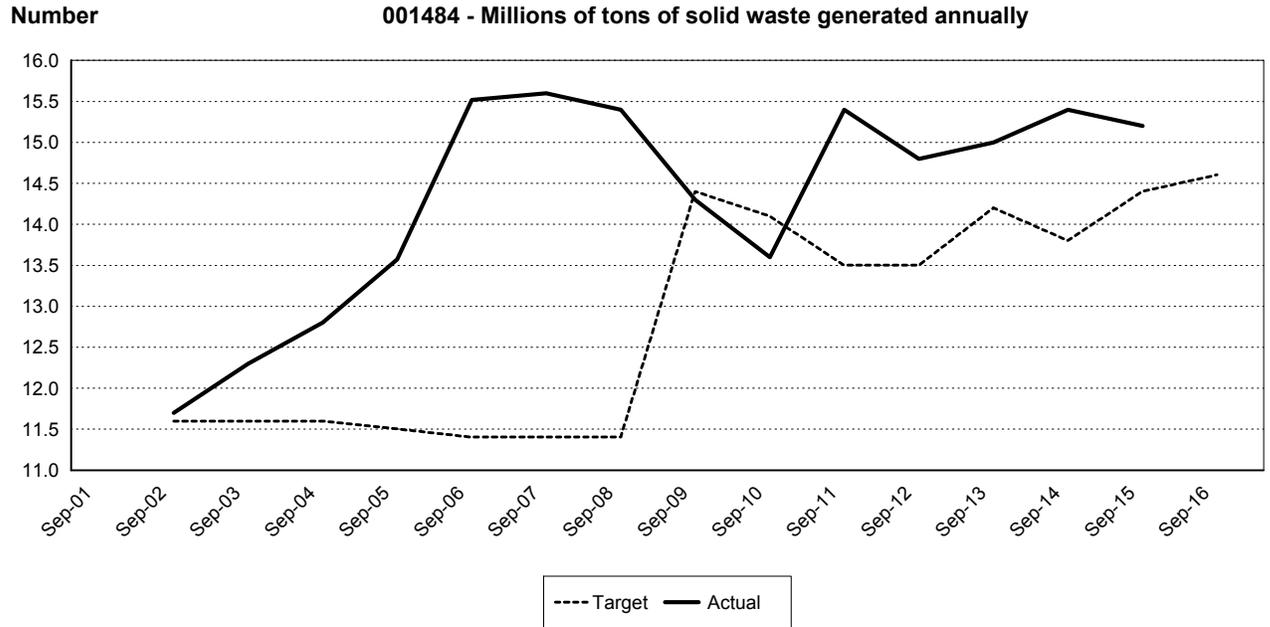
Expected Results

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

The state sees an increase in the recovery and use of valuable materials that traditionally have entered the waste stream; an increase in the reuse and recycling of construction and demolition materials, organic matter, compost and biosolids; increased recycling of electronics and mercury containing lights, and less waste for disposal.

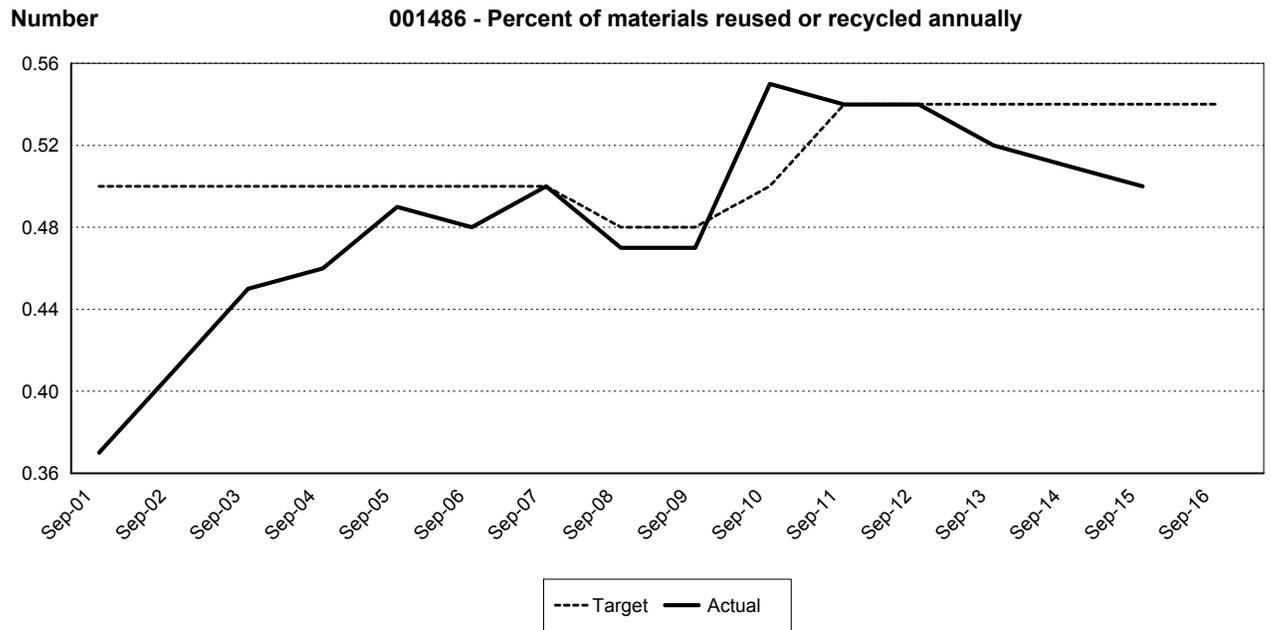
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001484 Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		14.6
	A1		
	A1	15.2	14.4
2013-15	A3		
	A3		
	A2	15.4	13.8
	A1		
2011-13	A1	15	14.2
	A3		
	A3		
	A2	14.8	13.5
	A1		
A1	15.4	13.5	



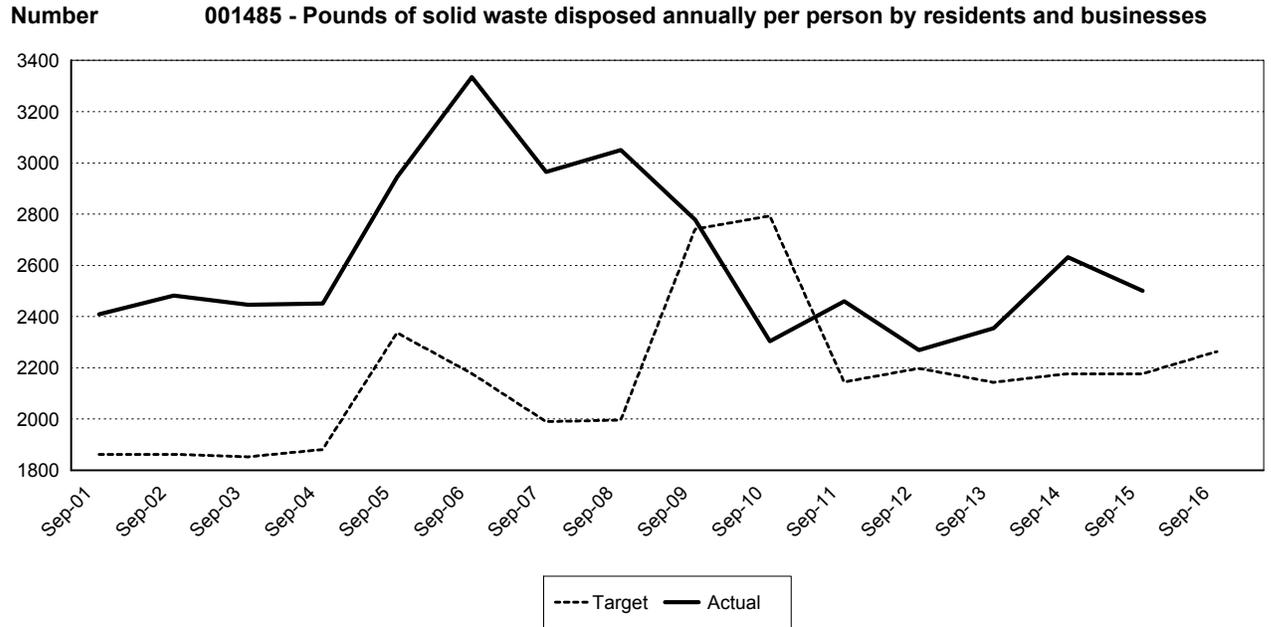
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001486 Millions of tons of materials reused or recycled annually. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		0.54
	A1		
	A1	0.5	0.54
2013-15	A3		
	A3		
	A2	0.51	0.54
	A1		
2011-13	A1	0.52	0.54
	A3		
	A3		
	A2		
	A2		
	A2	0.54	0.54
	A1		
	A1	0.54	0.54



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001485 Pounds of solid waste disposed annually per person by Washington residents and businesses. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		2,263
	A1		
	A1	2,500	2,176
2013-15	A3		
	A3		
	A2	2,632	2,176
	A1		
	A1	2,354	2,143
2011-13	A3		
	A3		
	A2	2,269	2,197
	A1		
	A1	2,460	2,144

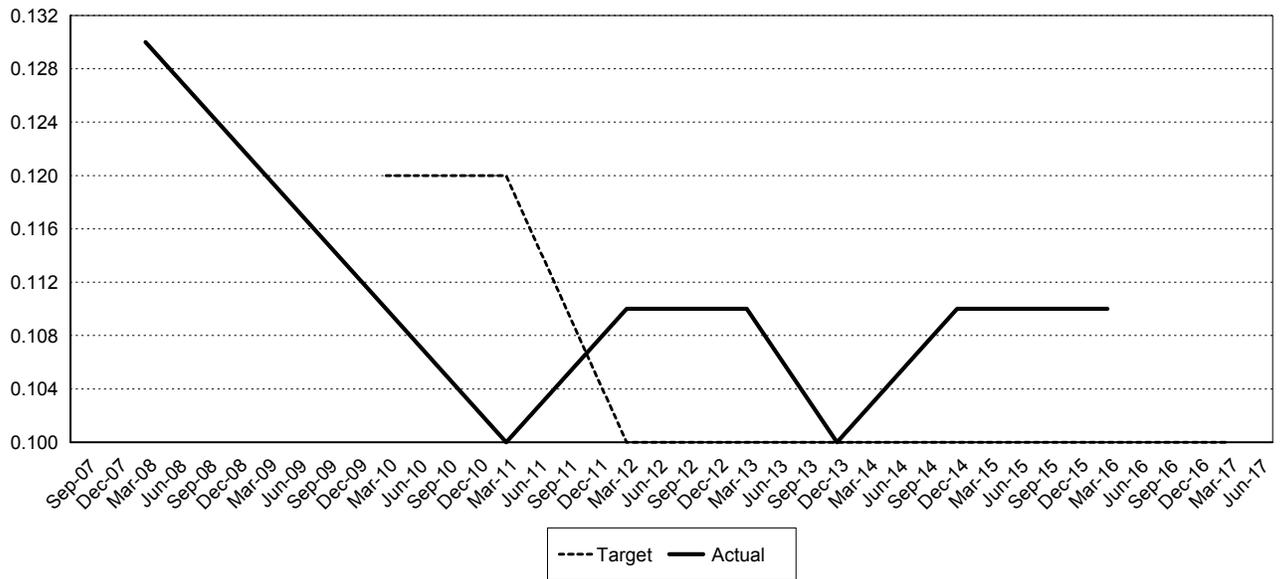


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001496 Pounds of solid waste generated per dollar (State GDP). Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2015-17	A3		0.1
	A3		
	A2	0.11	0.1
	A2		
	A2		
	A1		
	A1		
	2013-15	A3	
A3			
A2			
A2			
A2		0.11	0.1
A1			
A1		0.1	0.1
2011-13	A3	0.11	0.1
	A3		
	A2	0.11	0.1
	A2		
	A2		
	A2		
	A1		
	A1		

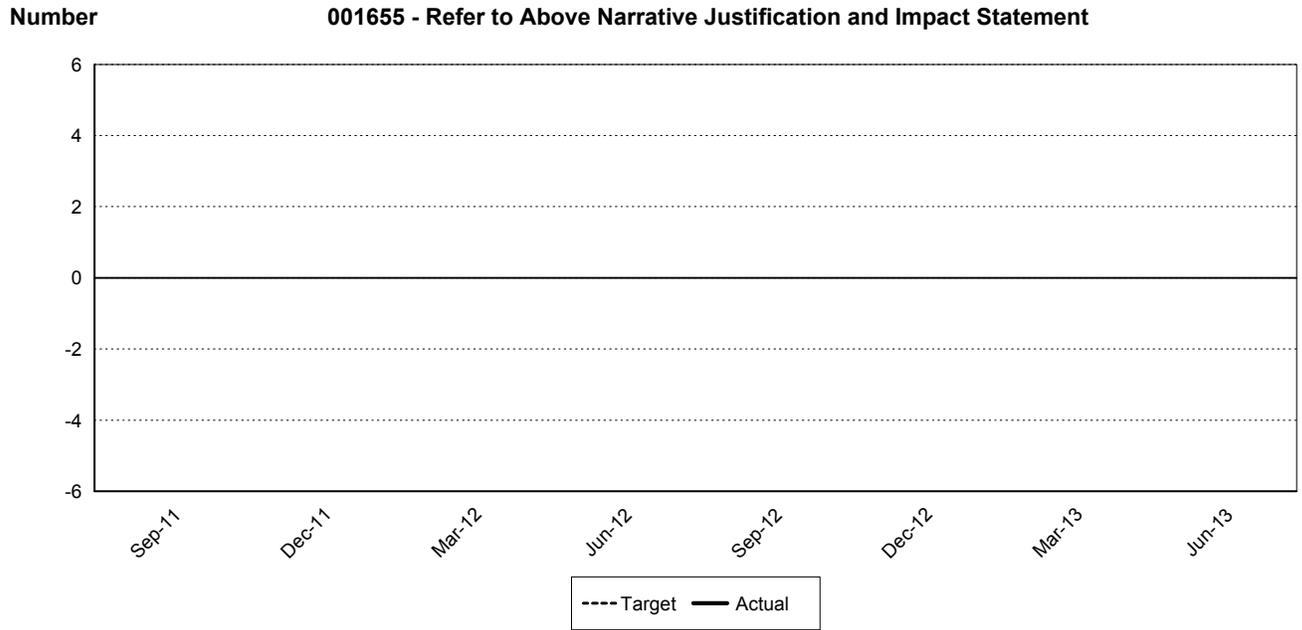
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Number 001496 - Pounds of solid waste generated per dollar (State GDP, gross domestic product)



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

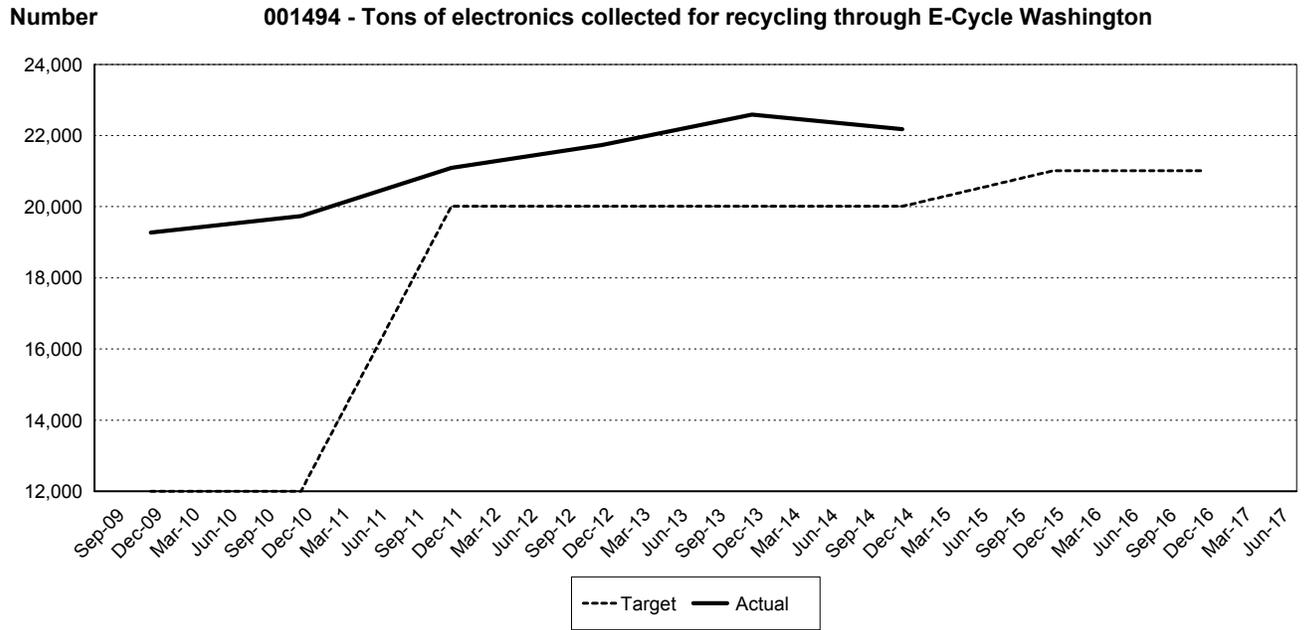
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001494 Tons of electronics collected for recycling annually through the E-Cycle Washington program.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		21,000
	A1		
	A1		21,000
2013-15	A3		
	A3		
	A2	22,181	20,000
	A1		
A1	22,590	20,000	
2011-13	A3		
	A3		
	A2	21,737	20,000
	A1		
A1	21,096	20,000	

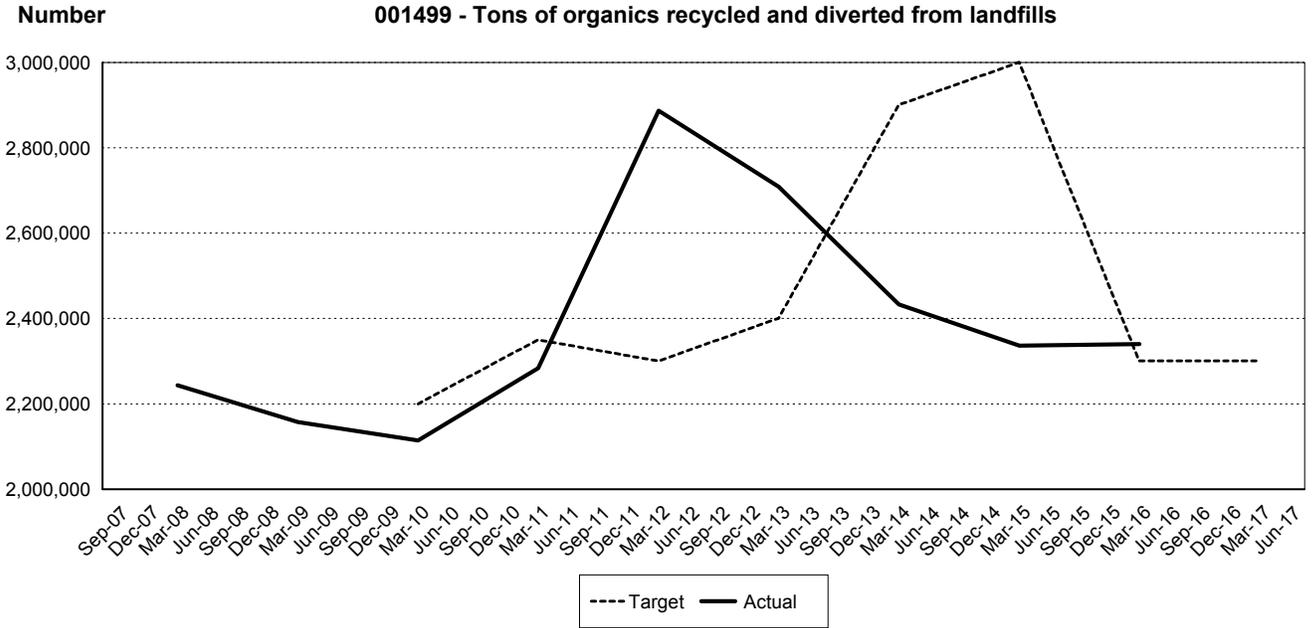
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001499 Tons of organics recycled and diverted from landfills. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2015-17	A3		2,300,000
	A3		
	A2	2,340,000	2,300,000
	A2		
	A2		
	A2		
	A1		
	A1		
2013-15	A3	2,336,657	3,000,000
	A3		
	A2	2,432,919	2,900,000
	A2		
	A2		
	A2		
	A1		
	A1		
2011-13	A3	2,708,519	2,400,000
	A3		
	A2	2,886,716	2,300,000
	A2		
	A2		
	A2		
	A1		
	A1		

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A010 Prevent and Pick Up Litter

Litter control efforts include Ecology Youth Corps litter pick up crews, Community Litter Cleanup contracts, and coordination with other state and local efforts to maximize litter pick up. Litter prevention and pick up helps to keep Washington green, supports tourism, and provides employment opportunities to youth.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	19.8	19.8	19.8
044 Waste Reduction/Recycling/Litter Control			
044-1 State	\$4,559,000	\$4,594,000	\$9,153,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

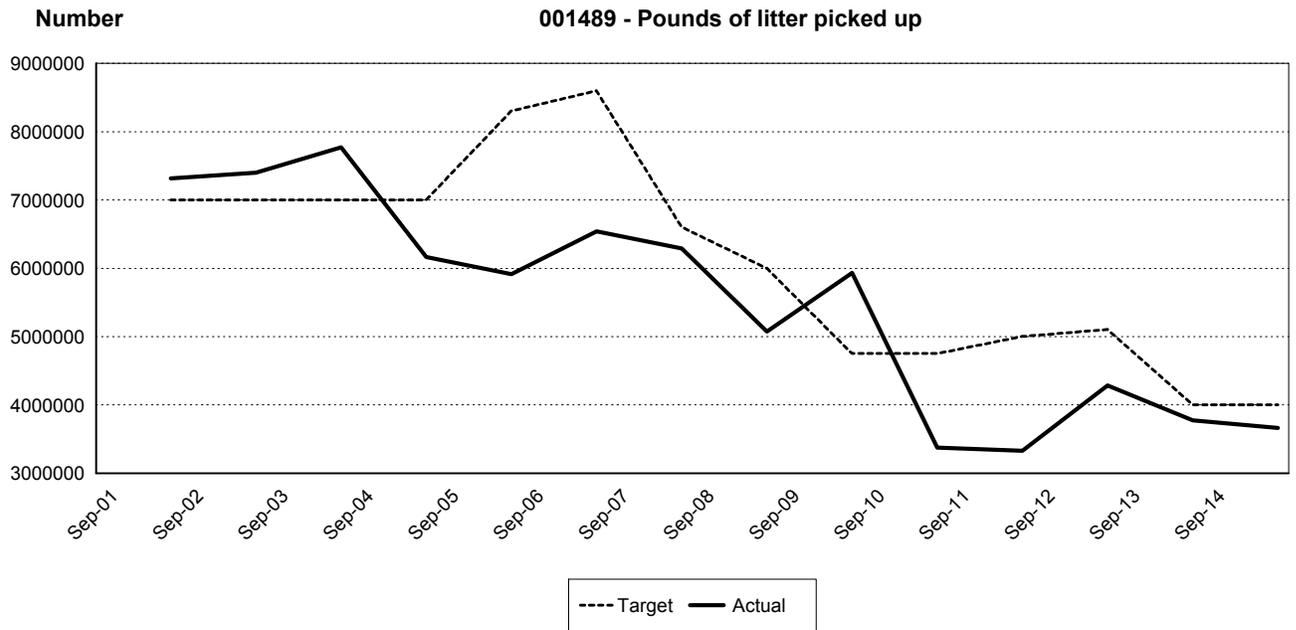
Expected Results

Litter is picked up and illegal dumps are cleaned up in coordination with local government and state agency partners. Youth are employed for litter pick up by the Ecology Youth Corps.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001489 Pounds of litter picked up annually. Reported annually in Quarters 4 and 8			
Biennium	Period	Actual	Target
2013-15	A3		
	A3	3,664,184	4,000,000
	A2		
	A2	3,773,502	4,000,000
	A2		
	A2		
	A1		
	A1		
2011-13	A3		
	A3	4,285,874	5,100,000
	A2		
	A2	3,326,307	5,000,000
	A2		
	A2		
	A1		
	A1		

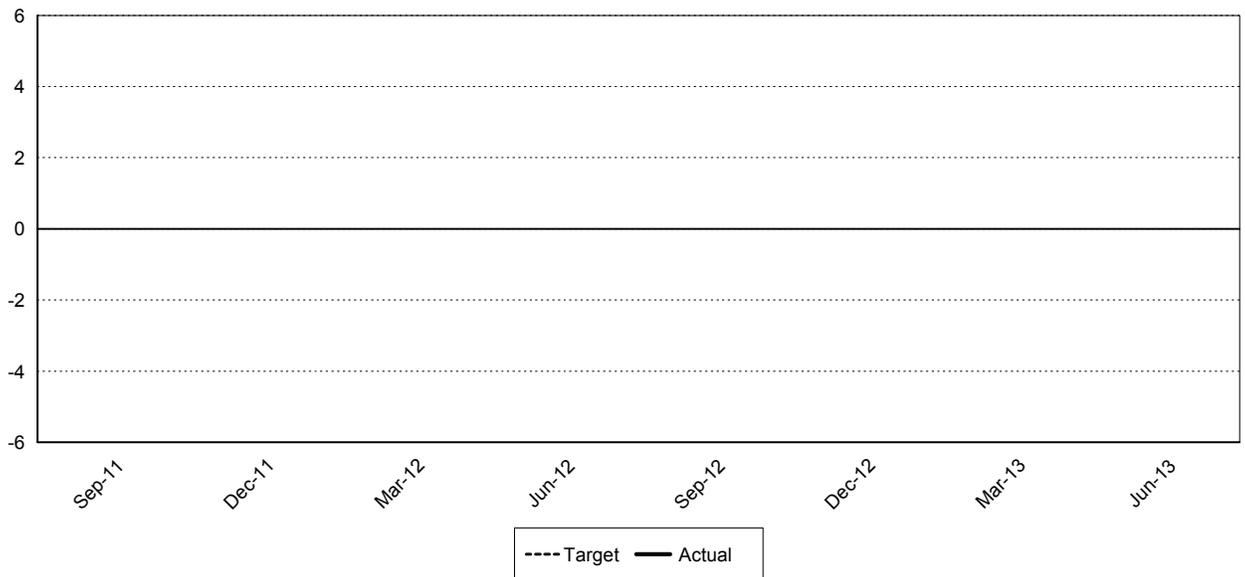
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



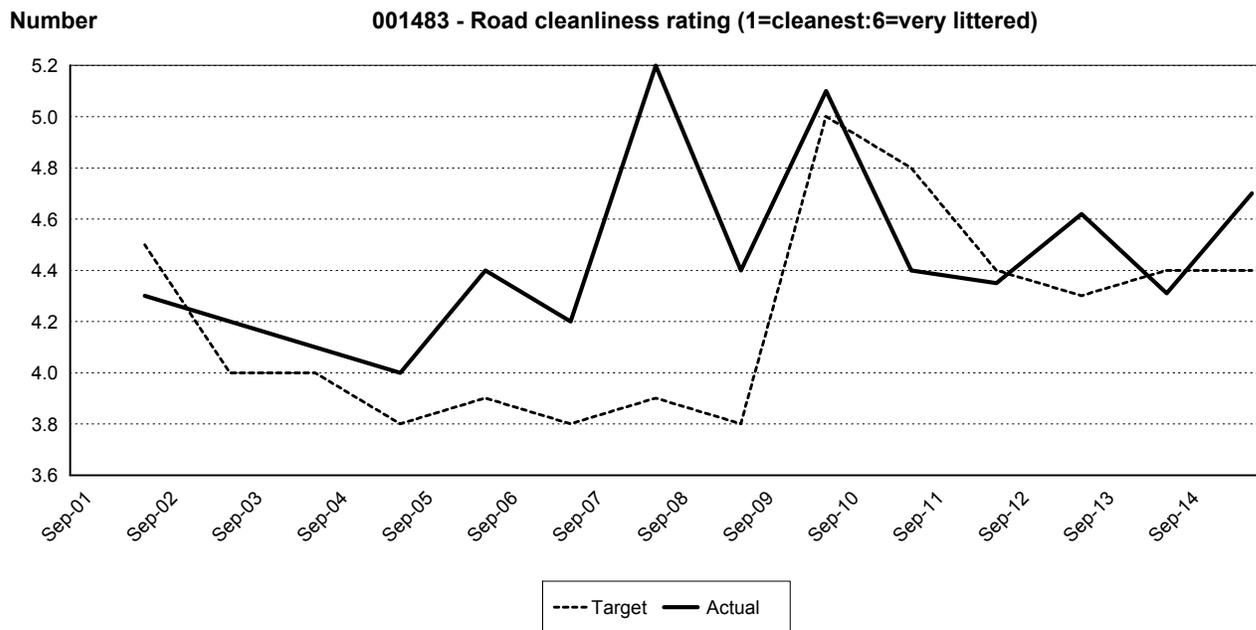
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Number 001655 - Refer to Above Narrative Justification and Impact Statement



001483 Road cleanliness rating (1=cleanest:6=very littered)			
- Reported annually in Quarters 4 and 8.			
Biennium	Period	Actual	Target
2013-15	A3		
	A3	4.7	4.4
	A2		
	A2	4.31	4.4
	A2		
	A2		
	A1		
	A1		
2011-13	A3		
	A3	4.62	4.3
	A2		
	A2	4.35	4.4
	A2		
	A2		
	A1		
	A1		



A011 Ensure Dam Safety

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	13.5	13.5	13.5
001 General Fund			
001-1 State	\$1,650,000	\$1,769,000	\$3,419,000
001-2 Federal	\$102,000	\$104,000	\$206,000
001 Account Total	\$1,752,000	\$1,873,000	\$3,625,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

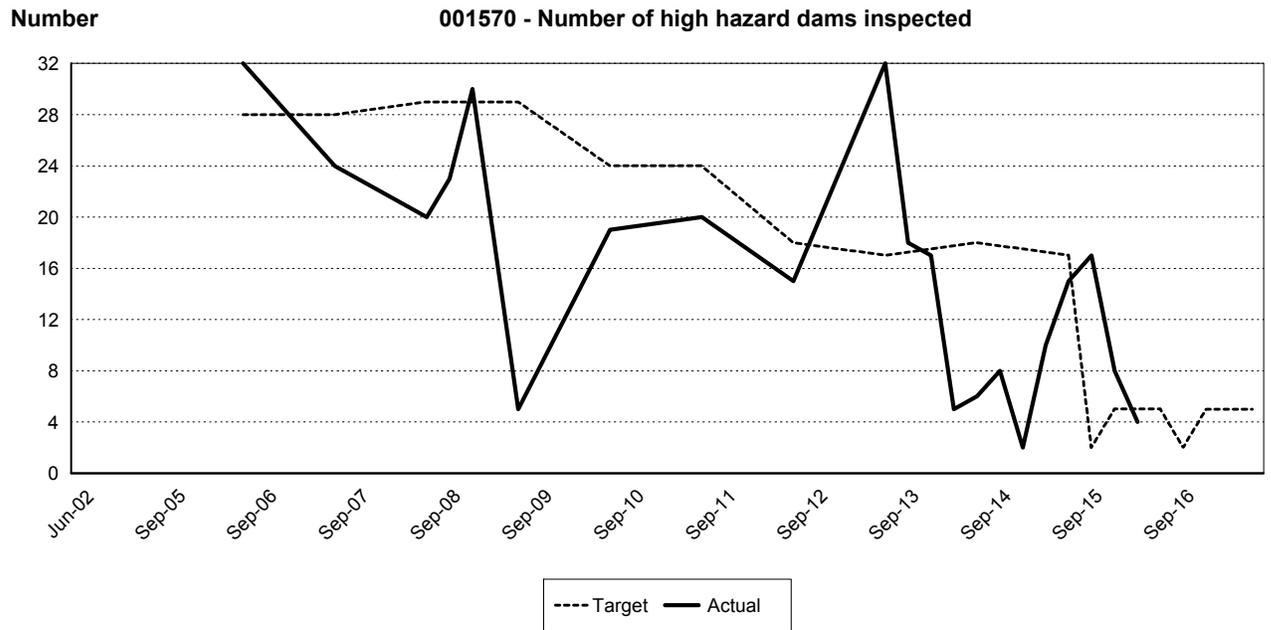
Statewide Result Area: Healthy and Safe Communities
Statewide Strategy: Identify and mitigate risk to public safety

Expected Results

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

001570 Number of high hazard dams inspected			
Biennium	Period	Actual	Target
2015-17	Q8		5
	Q7		5
	Q6		5
	Q5		2
	Q4		5
	Q3	4	5
	Q2	8	5
	Q1	17	2
2013-15	Q8	15	17
	Q7	10	
	Q6	2	
	Q5	8	
	Q4	6	18
	Q3	5	
	Q2	17	
	Q1	18	
2011-13	Q8	32	17
	Q7		
	Q6		
	Q5		
	Q4	15	18
	Q3		
	Q2		
	Q1		

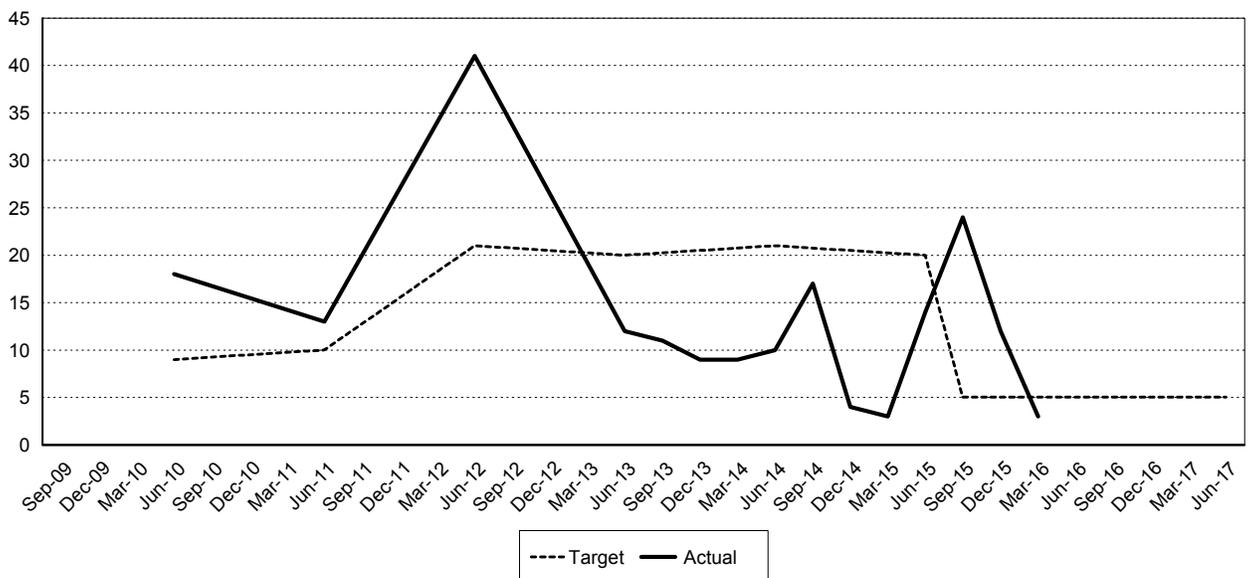
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

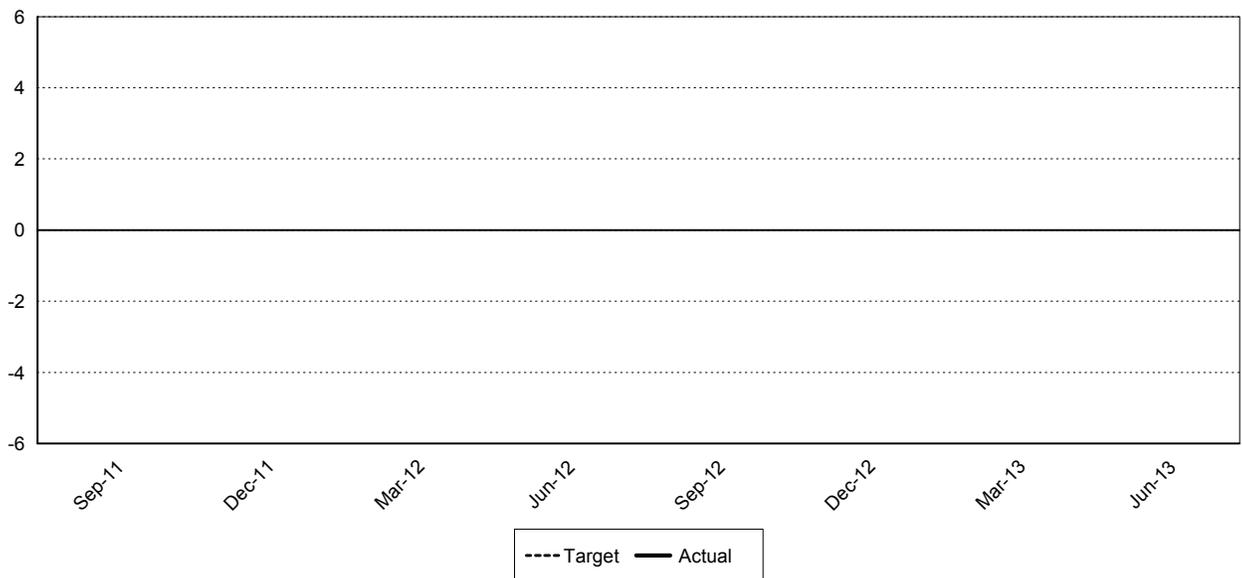
001580 Number of significant hazard dams inspected.			
Biennium	Period	Actual	Target
2015-17	Q8		5
	Q7		5
	Q6		5
	Q5		5
	Q4		5
	Q3	3	5
	Q2	12	5
	Q1	24	5
2013-15	Q8	14	20
	Q7	3	
	Q6	4	
	Q5	17	
	Q4	10	21
	Q3	9	
	Q2	9	
	Q1	11	
2011-13	Q8	12	20
	Q7		
	Q6		
	Q5		
	Q4	41	21
	Q3		
	Q2		
	Q1		

Number 001580 - Number of significant hazard dams inspected



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

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A012 Ensure Environmental Laboratories Provide Quality Data

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	6.2	6.2	6.2
001 General Fund			
001-1 State	\$747,000	\$800,000	\$1,547,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

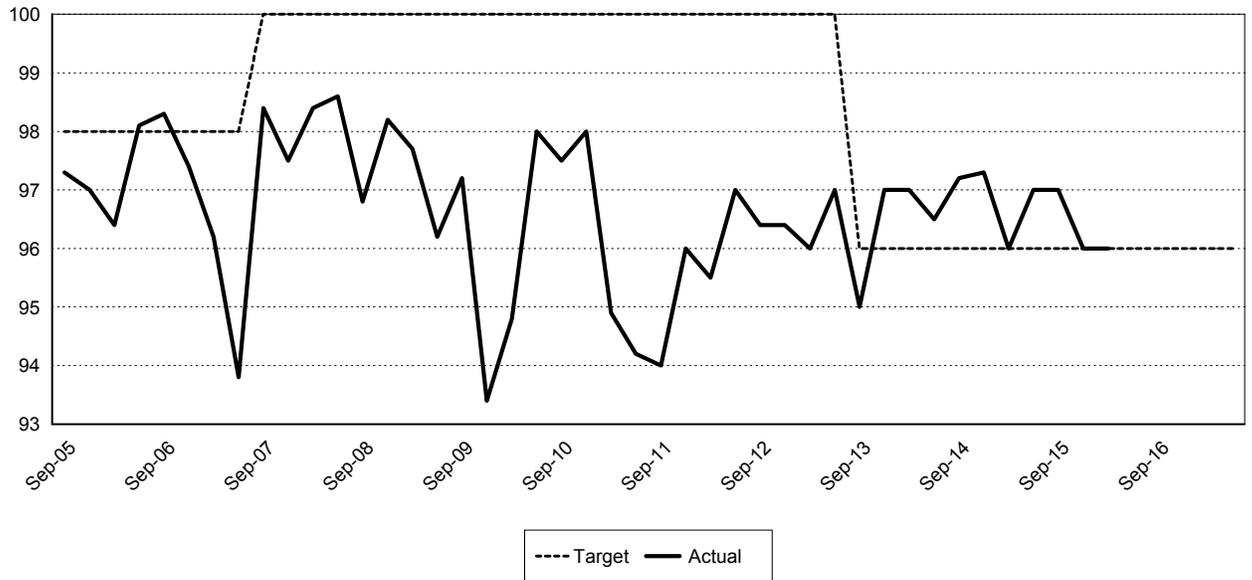
Expected Results

Environmental laboratories submitting data to Ecology and the Department of Health have the demonstrated ability to provide accurate and defensible data. Approximately 460 environmental laboratories in 26 states and 2 provinces, including 106 drinking water laboratories, are evaluated and accredited. Performance testing analyses for major permitted wastewater discharge laboratories are evaluated. Regulated laboratories maintain successful, quality programs. Environmental and public health decisions are based on accurate and defensible scientific data.

001161 Percent of acceptable performance testing analyses completed by Washington State laboratories.			
Biennium	Period	Actual	Target
2015-17	Q8		96%
	Q7		96%
	Q6		96%
	Q5		96%
	Q4		96%
	Q3	96%	96%
	Q2	96%	96%
	Q1	97%	96%
2013-15	Q8	97%	96%
	Q7	96%	96%
	Q6	97.3%	96%
	Q5	97.2%	96%
	Q4	96.5%	96%
	Q3	97%	96%
	Q2	97%	96%
	Q1	95%	96%
2011-13	Q8	97%	100%
	Q7	96%	100%
	Q6	96.4%	100%
	Q5	96.4%	100%
	Q4	97%	100%
	Q3	95.5%	100%
	Q2	96%	100%
	Q1	94%	100%

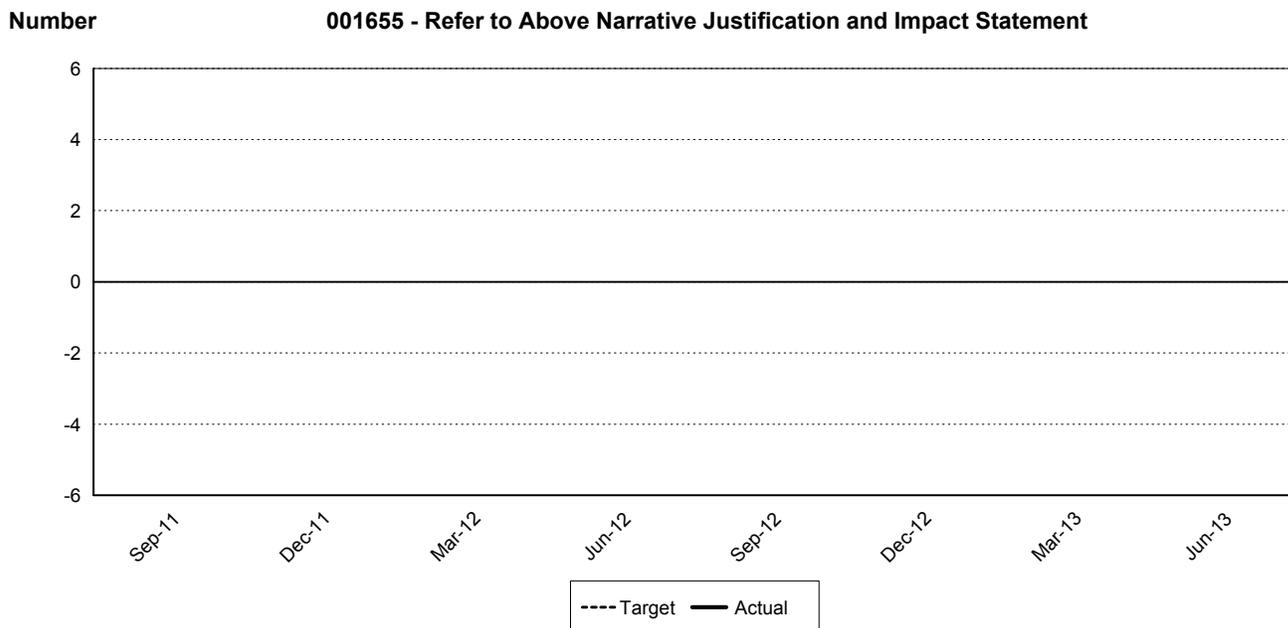
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Coordinated Prevention Grants (CPGs) provide financial support to local governments implementing local solid and hazardous waste plans, enforcing solid waste laws and regulations, operating recycling and reuse programs, reducing hazardous substance use, collecting moderate risk waste collection (hazardous waste generated from households and small businesses), increasing reuse of organic materials, and decreasing the amount of building construction waste generated.

Public Participation Grants (PPG) provide funding for interest groups to inform residents of local cleanups and to inform the public about waste reduction efforts. Contaminated site focused grants educate communities affected by contaminated site cleanups and allow residents to have a voice in cleanup investigation and remediation. Waste management grants educate Washington residents on reducing waste generation and use of toxics.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	12.1	12.1	12.1
19G Environmental Legacy Stewardship Account			
19G-1 State	\$110,000	\$0	\$110,000
174 Local Toxics Control Account			
174-1 State	\$846,000	\$909,000	\$1,755,000
173 State Toxics Control Account			
173-1 State	\$109,000	\$109,000	\$218,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

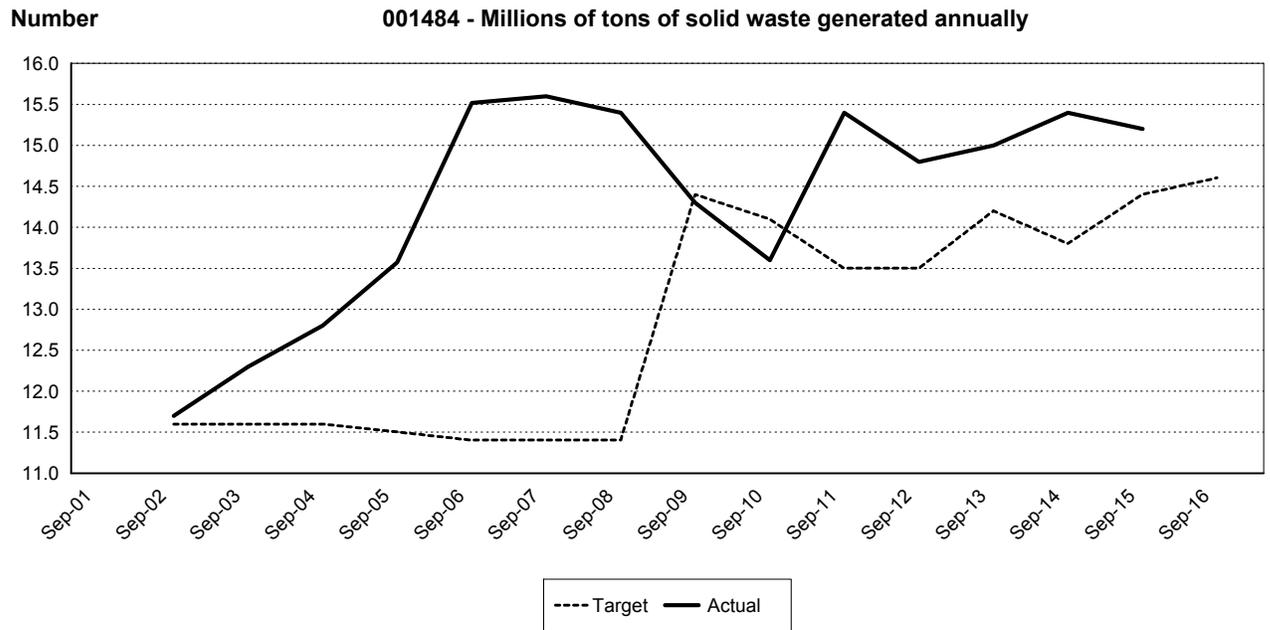
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

CPG projects help ensure that over 800 solid waste facilities statewide comply with regulatory standards. Instances of illegal dumping are reduced. Groundwater is protected from toxins resulting from improperly disposed solid waste and toxics. Moderate-risk waste is collected and handled safely. Use of recycling and composting increases. Use of toxics and generation of waste declines.

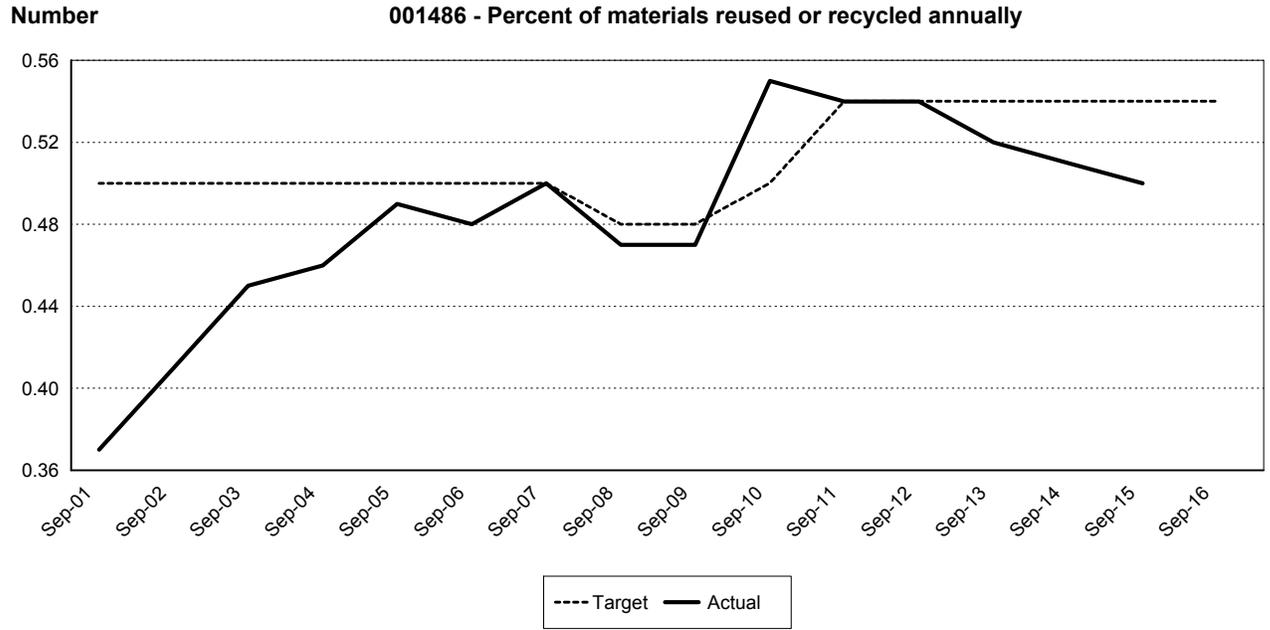
Successful PPG contaminated site projects will help ensure cleanup investigations have support and input from affected residents. Successful PPG waste management projects will inform participants on environmental issues, propose solutions, and begin a process of behavioral change.

001484 Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		14.6
	A1		
	A1	15.2	14.4
2013-15	A3		
	A3		
	A2	15.4	13.8
	A1		
A1	15	14.2	
2011-13	A3		
	A3		
	A2	14.8	13.5
	A1		
A1	15.4	13.5	



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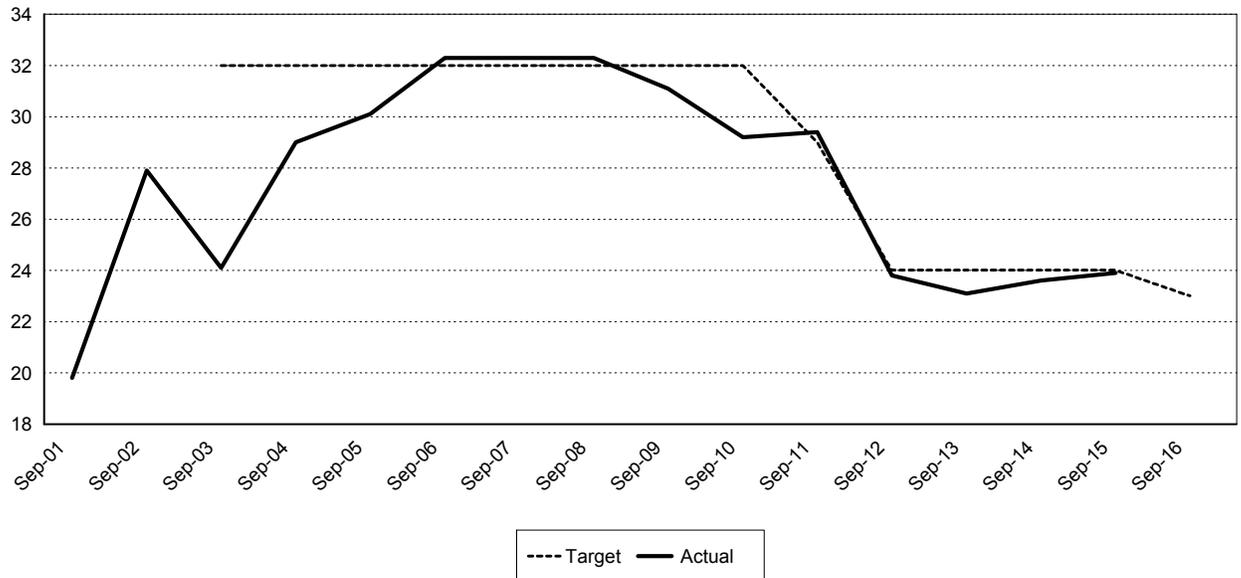
001486 Millions of tons of materials reused or recycled annually. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		0.54
	A1		
	A1	0.5	0.54
2013-15	A3		
	A3		
	A2	0.51	0.54
	A1		
2011-13	A1	0.52	0.54
	A3		
	A3		
	A2	0.54	0.54
	A1		
A1	0.54	0.54	



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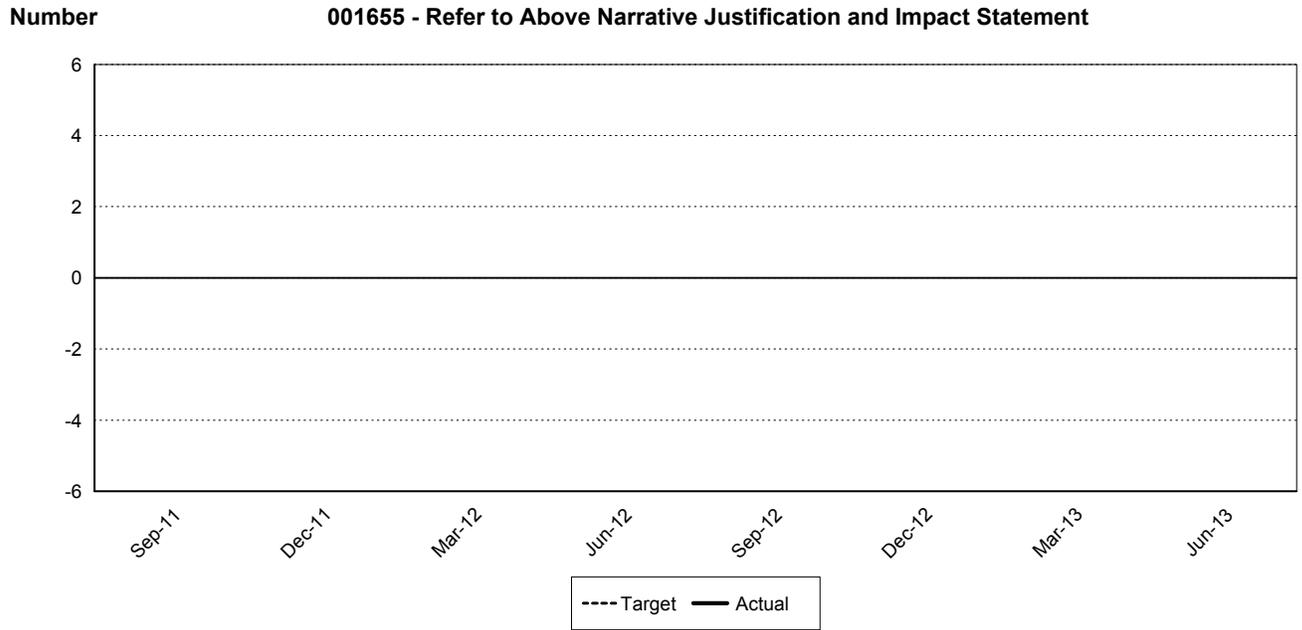
001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		23
	A1		
	A1	23.9	24
2013-15	A3		
	A3		
	A2	23.6	24
	A1		
	A1	23.1	24
2011-13	A3		
	A3		
	A2	23.8	24
	A1		
	A1	29.4	29

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



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

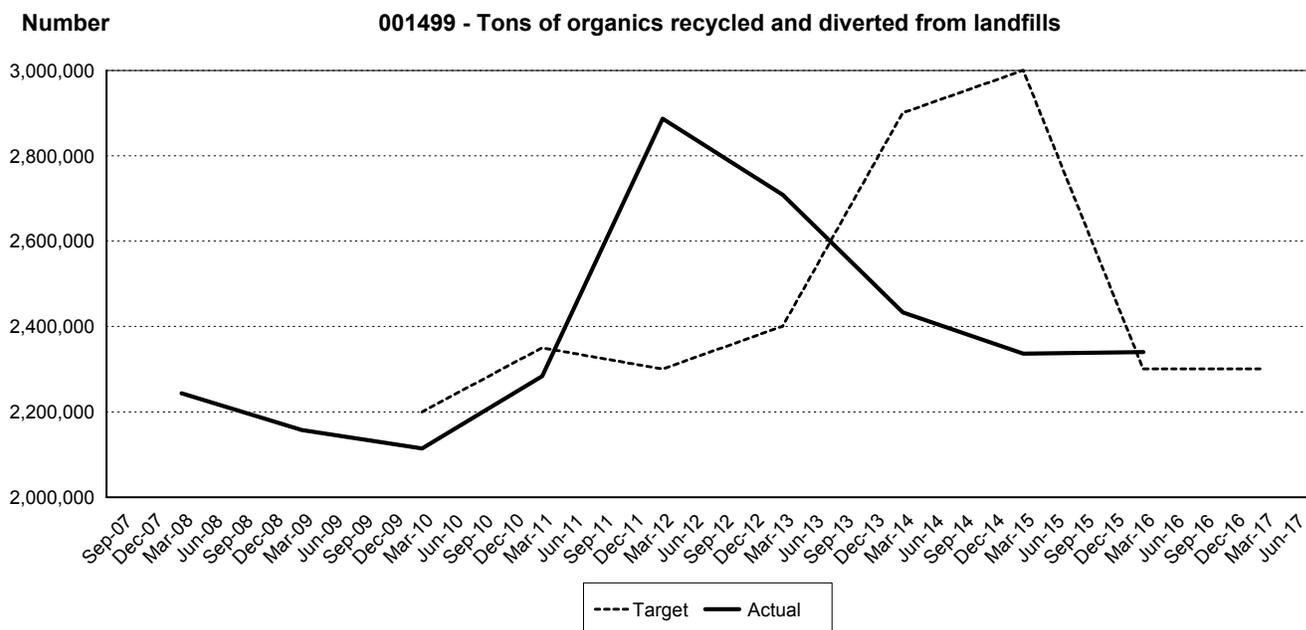
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001499 Tons of organics recycled and diverted from landfills. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2015-17	A3		2,300,000
	A3		
	A2	2,340,000	2,300,000
	A2		
	A2		
	A2		
	A1		
	A1		
2013-15	A3	2,336,657	3,000,000
	A3		
	A2	2,432,919	2,900,000
	A2		
	A2		
	A2		
	A1		
	A1		
2011-13	A3	2,708,519	2,400,000
	A3		
	A2	2,886,716	2,300,000
	A2		
	A2		
	A2		
	A1		
	A1		

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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	15.5	15.5	15.5
219 Air Operating Permit Account			
219-1 State	\$41,000	\$41,000	\$82,000
216 Air Pollution Control Account			
216-1 State	\$2,000	\$2,000	\$4,000
001 General Fund			
001-1 State	\$7,000	\$8,000	\$15,000
001-2 Federal	\$2,343,000	\$2,367,000	\$4,710,000
001 Account Total	\$2,350,000	\$2,375,000	\$4,725,000
20R Radioactive Mixed Waste Account			
20R-1 State	\$472,000	\$550,000	\$1,022,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

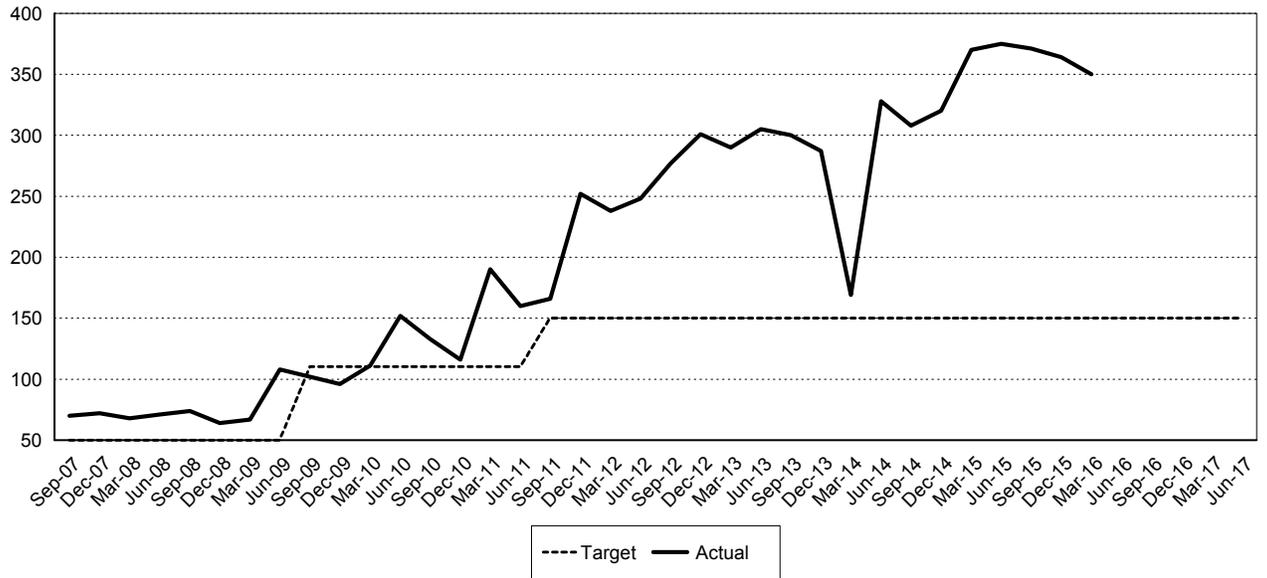
Expected Results

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

001362 Gallons of groundwater contaminated by hexavalent chromium that is remediated at Hanford (in millions of gallons)			
Biennium	Period	Actual	Target
2015-17	Q8		150
	Q7		150
	Q6		150
	Q5		150
	Q4		150
	Q3	350	150
	Q2	364	150
	Q1	371	150
2013-15	Q8	375	150
	Q7	370	150
	Q6	320	150
	Q5	308	150
	Q4	328	150
	Q3	169	150
	Q2	287	150
	Q1	300	150
2011-13	Q8	305	150
	Q7	290	150
	Q6	301	150
	Q5	277	150
	Q4	248	150
	Q3	238	150
	Q2	252	150
	Q1	166	150

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

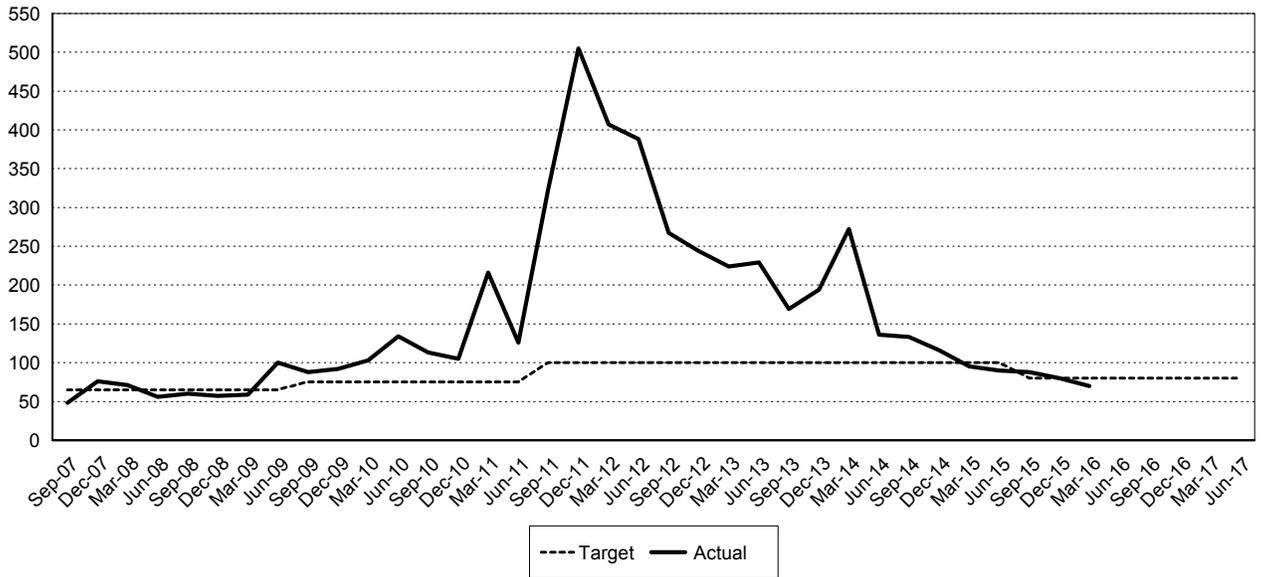


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001363 Pounds of chromium removed from contaminated groundwater at Hanford.			
Biennium	Period	Actual	Target
2015-17	Q8		80
	Q7		80
	Q6		80
	Q5		80
	Q4		80
	Q3	70	80
	Q2	80	80
	Q1	88	80
2013-15	Q8	90	100
	Q7	95	100
	Q6	116	100
	Q5	133	100
	Q4	136	100
	Q3	272	100
	Q2	194	100
	Q1	169	100
2011-13	Q8	229	100
	Q7	224	100
	Q6	244	100
	Q5	267	100
	Q4	388	100
	Q3	407	100
	Q2	505	100
	Q1	324	100

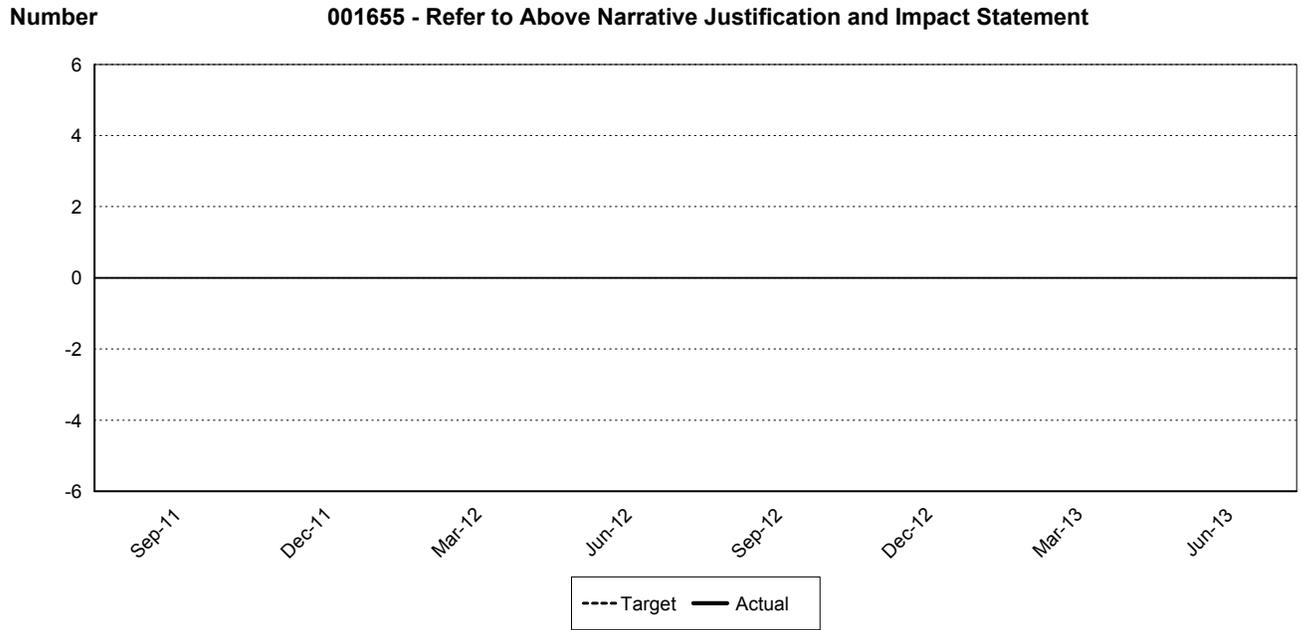
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001363 - Pounds of chromium removed from contaminated groundwater at Hanford



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

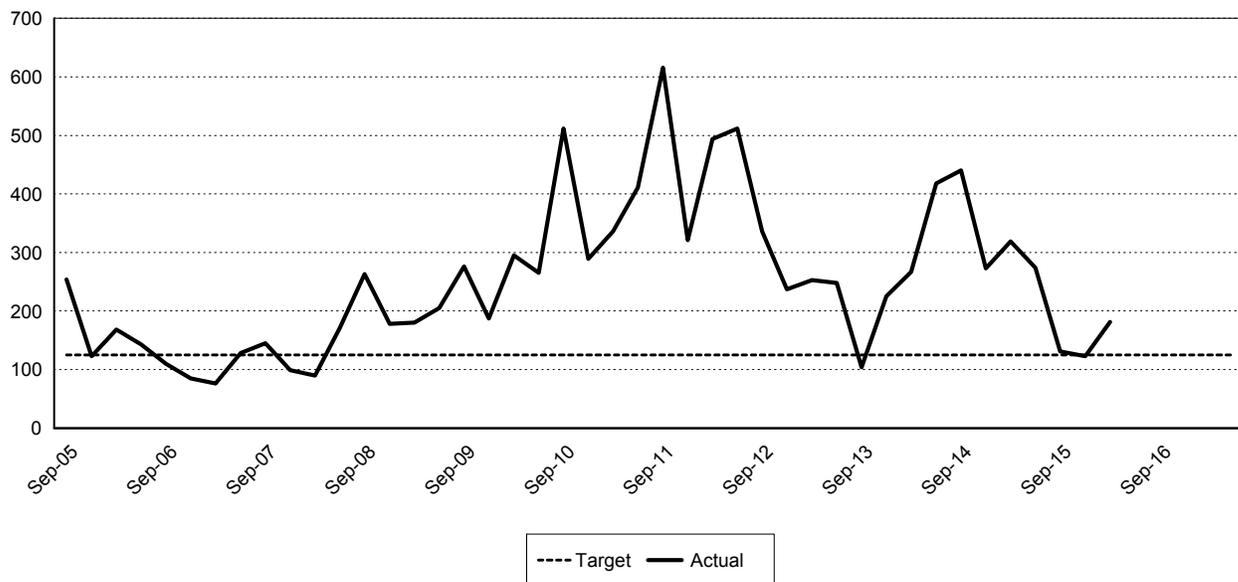
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001358 Tons of radioactive and/or chemically contaminated soil and debris from near the Columbia River that are removed and securely disposed at Hanford.			
Biennium	Period	Actual	Target
2015-17	Q8		125
	Q7		125
	Q6		125
	Q5		125
	Q4		125
	Q3	181	125
	Q2	123	125
	Q1	131	125
2013-15	Q8	274	125
	Q7	319	125
	Q6	273	125
	Q5	440	125
	Q4	418	125
	Q3	267	125
	Q2	225	125
	Q1	104	125
2011-13	Q8	248	125
	Q7	253	125
	Q6	237	125
	Q5	336	125
	Q4	512	125
	Q3	494	125
	Q2	321	125
	Q1	616	125

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



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

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

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	9.3	9.2	9.3
219 Air Operating Permit Account			
219-1 State	\$40,000	\$41,000	\$81,000
216 Air Pollution Control Account			
216-1 State	\$2,000	\$2,000	\$4,000
001 General Fund			
001-1 State	\$7,000	\$8,000	\$15,000
001-2 Federal	\$242,000	\$245,000	\$487,000
001 Account Total	\$249,000	\$253,000	\$502,000
20R Radioactive Mixed Waste Account			
20R-1 State	\$612,000	\$661,000	\$1,273,000
176 Water Quality Permit Account			
176-1 State	\$59,000	\$62,000	\$121,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

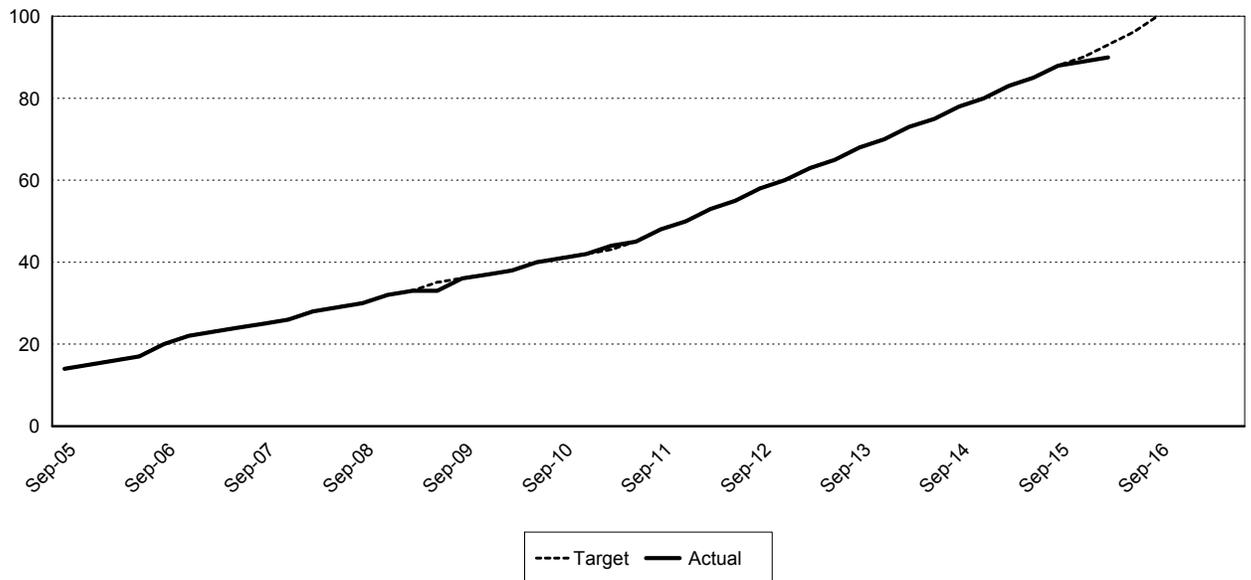
All major facilities on the Hanford Site will be decontaminated and decommissioned, and either demolished or placed into a long-term safe storage configuration. Removal and remediation actions for the 324 Building and soil contamination will be performed. Decontamination and decommissioning activities at the Plutonium Finishing Plant facilities will be completed to slab on grade. Permitting and compliance oversight at Perma-Fix Northwest, AREVA, Puget Sound Naval Shipyard, and Energy Northwest will continue.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001361 Decontaminate and decommission the plutonium finishing plant on Hanford on schedule by 2016. (percent complete)			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		100%
	Q4		96%
	Q3	90%	93%
	Q2	89%	90%
	Q1	88%	88%
2013-15	Q8	85%	85%
	Q7	83%	83%
	Q6	80%	80%
	Q5	78%	78%
	Q4	75%	75%
	Q3	73%	73%
	Q2	70%	70%
	Q1	68%	68%
2011-13	Q8	65%	65%
	Q7	63%	63%
	Q6	60%	60%
	Q5	58%	58%
	Q4	55%	55%
	Q3	53%	53%
	Q2	50%	50%
	Q1	48%	48%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

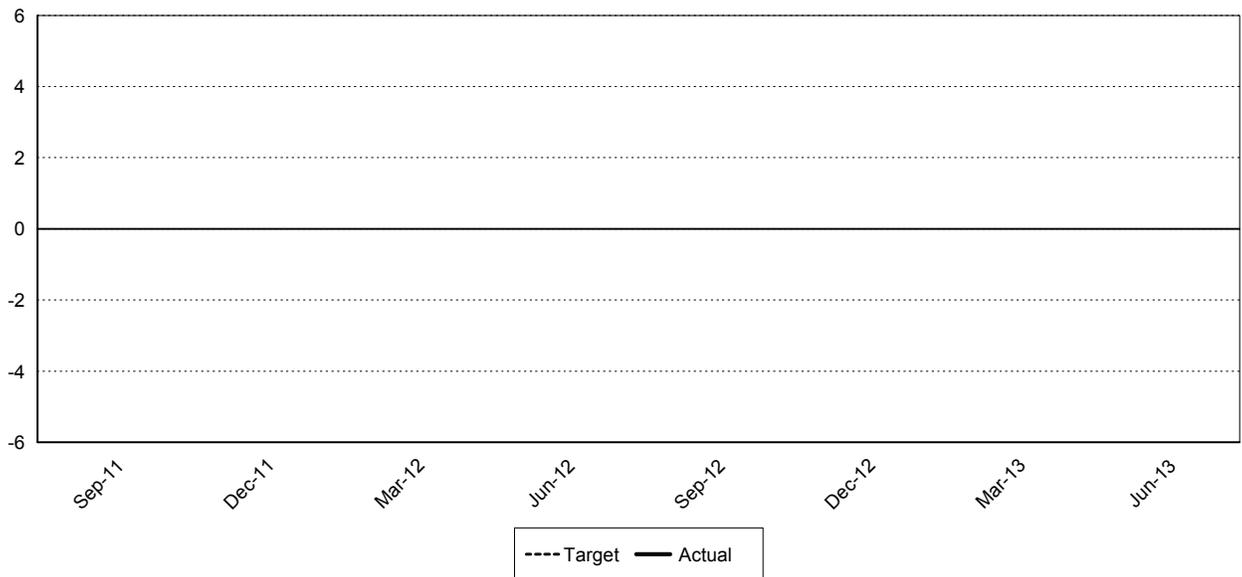
Percent **001361 - Percent completion of decontamination/decommission of the Hanford plutonium finishing plant by 2016**



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	33.1	29.1	31.1
219 Air Operating Permit Account			
219-1 State	\$41,000	\$42,000	\$83,000
216 Air Pollution Control Account			
216-1 State	\$2,000	\$2,000	\$4,000
001 General Fund			
001-1 State	\$7,000	\$8,000	\$15,000
001-2 Federal	\$18,000	\$18,000	\$36,000
001 Account Total	\$25,000	\$26,000	\$51,000
20R Radioactive Mixed Waste Account			
20R-1 State	\$2,947,000	\$3,349,000	\$6,296,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

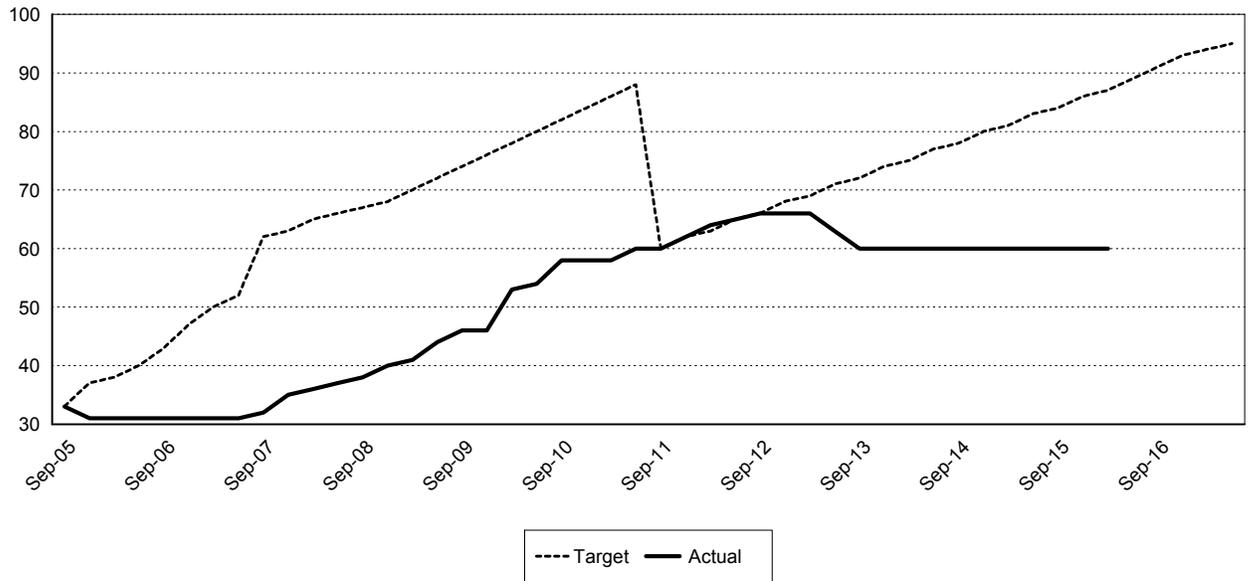
Expected Results

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

001359 Percent of the Hanford tank waste treatment plant construction completed.			
Biennium	Period	Actual	Target
2015-17	Q8		95%
	Q7		94%
	Q6		93%
	Q5		91%
	Q4		89%
	Q3	60%	87%
	Q2	60%	86%
	Q1	60%	84%
2013-15	Q8	60%	83%
	Q7	60%	81%
	Q6	60%	80%
	Q5	60%	78%
	Q4	60%	77%
	Q3	60%	75%
	Q2	60%	74%
	Q1	60%	72%
2011-13	Q8	63%	71%
	Q7	66%	69%
	Q6	66%	68%
	Q5	66%	66%
	Q4	65%	65%
	Q3	64%	63%
	Q2	62%	62%
	Q1	60%	60%

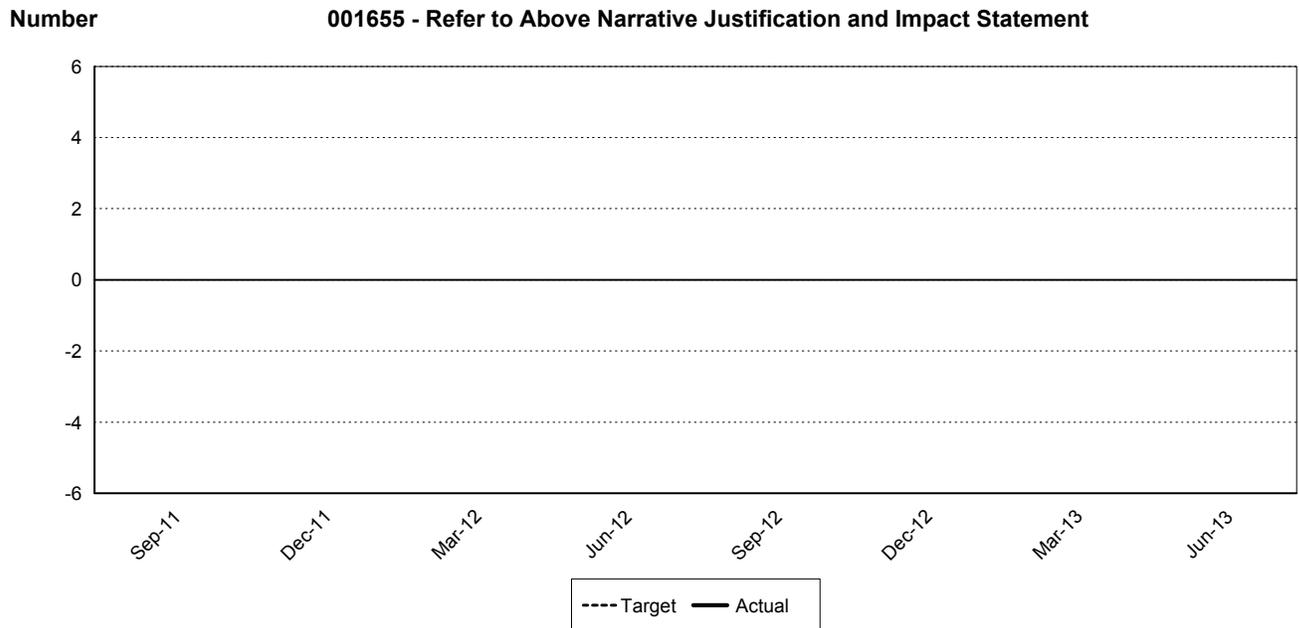
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Percent 001359 - Percent of the Hanford Tank Waste Treatment Plant construction completed



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	15.4	16.8	16.1
219 Air Operating Permit Account			
219-1 State	\$41,000	\$41,000	\$82,000
216 Air Pollution Control Account			
216-1 State	\$2,000	\$2,000	\$4,000
001 General Fund			
001-1 State	\$9,000	\$8,000	\$17,000
001-2 Federal	\$10,000	\$10,000	\$20,000
001 Account Total	\$19,000	\$18,000	\$37,000
20R Radioactive Mixed Waste Account			
20R-1 State	\$1,423,000	\$1,672,000	\$3,095,000

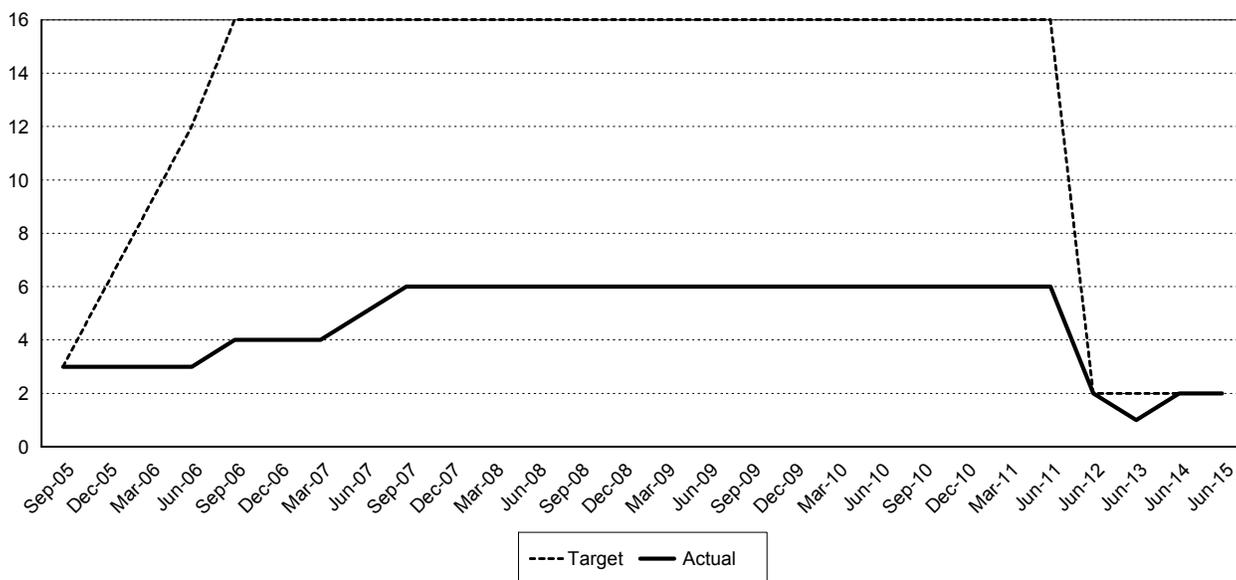
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

Public health and environmental risk from the highly toxic, mixed radioactive and hazardous tank waste is reduced and tank wastes are safely managed until treated and properly disposed of. One single-shell tanks is emptied and waste safely stored. A permit is issued for the Double Shell Tank Farms by March 2010. A closure plan is issued for the Single Shell Tank Farms by March 2017.

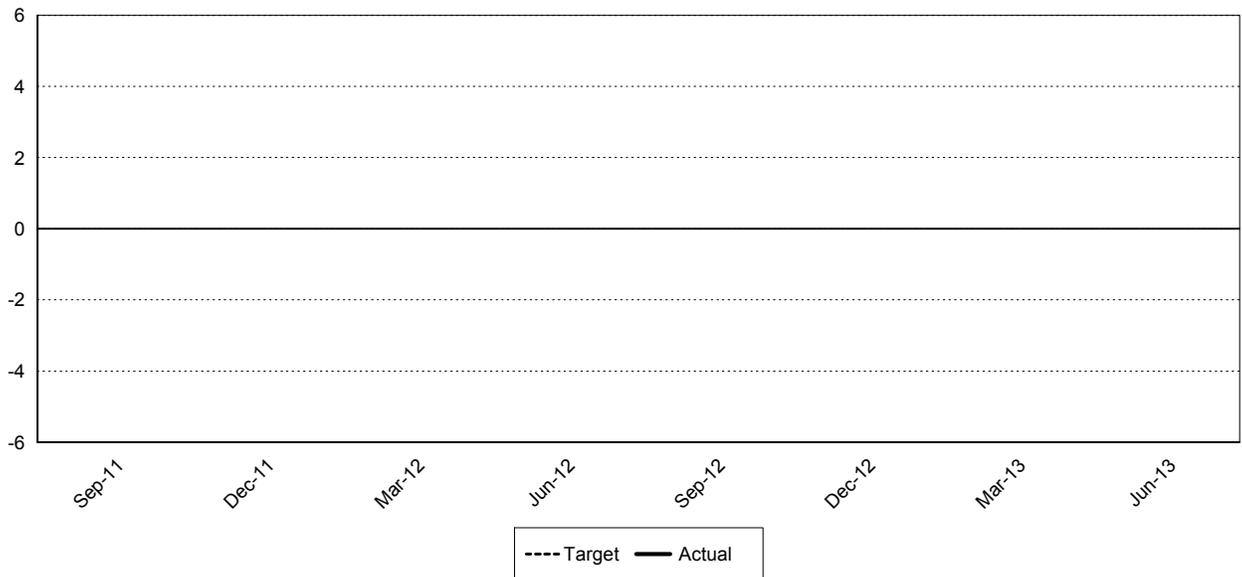
001357 Number of single shell tanks containing radioactive hazardous waste emptied at Hanford.			
Biennium	Period	Actual	Target
2013-15	A3	2	2
	A2	2	2
2011-13	A3	1	2
	A2	2	2

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



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

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A018 Ensure the Safe Management of Radioactive Mixed Waste at Hanford

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

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	16.9	17.8	17.4
219 Air Operating Permit Account			
219-1 State	\$40,000	\$44,000	\$84,000
216 Air Pollution Control Account			
216-1 State	\$2,000	\$2,000	\$4,000
001 General Fund			
001-1 State	\$7,000	\$8,000	\$15,000
001-2 Federal	\$182,000	\$185,000	\$367,000
001-7 Private/Local	\$80,000	\$84,000	\$164,000
001 Account Total	\$269,000	\$277,000	\$546,000
20R Radioactive Mixed Waste Account			
20R-1 State	\$1,301,000	\$1,424,000	\$2,725,000
125 Site Closure Account			
125-1 State	\$271,000	\$275,000	\$546,000
173 State Toxics Control Account			
173-1 State	\$256,000	\$260,000	\$516,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

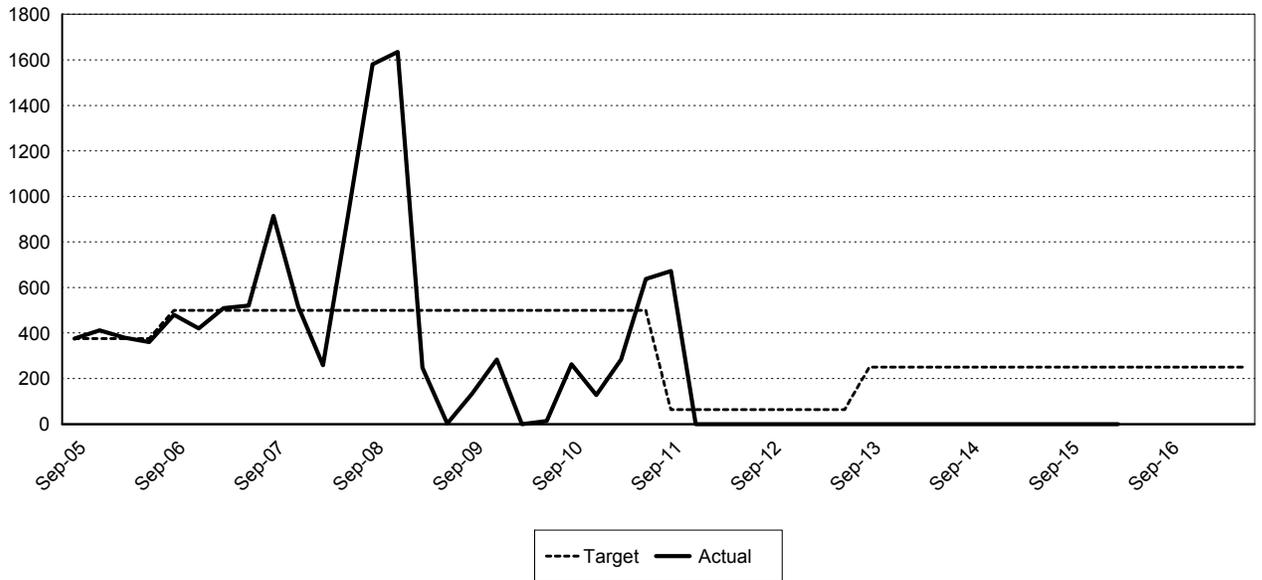
Manage and retrieve, treat/process, store and dispose of transuranic and mixed low-level waste in compliance with existing regulations to reduce risks posed to Hanford workers and the environment significantly. 15,058 cubic meters (cumulative) of retrievably stored waste are retrieved from the burial grounds at Hanford by September 30, 2028. U.S. Ecology commercial low-level radioactive waste site MTCA remediation will be completed in coordination with closure activities that are being directed by the Washington Department of Health.

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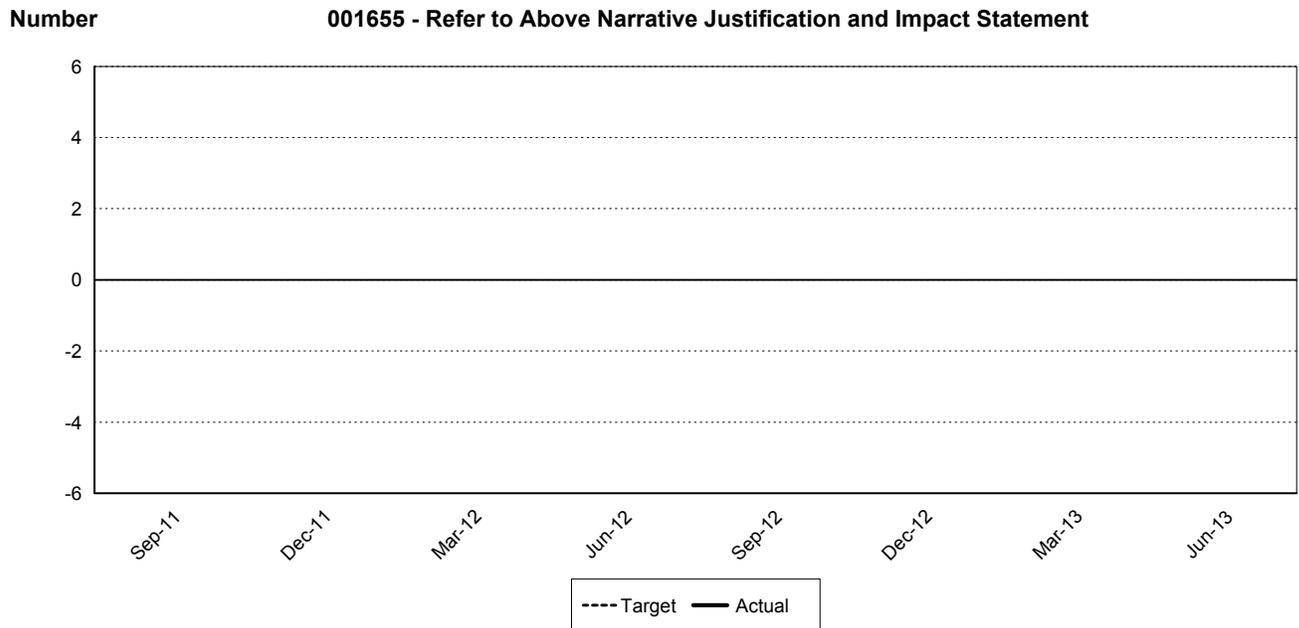
001360 Amount of transuranic waste removed from the low level burial grounds at Hanford. (cubic meters).			
Biennium	Period	Actual	Target
2015-17	Q8		250
	Q7		250
	Q6		250
	Q5		250
	Q4		250
	Q3	0	250
	Q2	0	250
	Q1	0	250
2013-15	Q8	0	250
	Q7	0	250
	Q6	0	250
	Q5	0	250
	Q4	0	250
	Q3	0	250
	Q2	0	250
	Q1	0	250
2011-13	Q8	0	63
	Q7	0	62
	Q6	0	63
	Q5	0	62
	Q4	0	63
	Q3	0	62
	Q2	0	63
	Q1	672	62

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



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



A019 Improve Community Access to Hazardous Substance and Waste Information

Ecology provides the public and local governments with information about the type, location, and source of hazardous substances in local communities. Ecology uses automated data systems to:

- Track compliance and technical assistance visits.
- Measure pollution prevention and compliance progress.
- Track amounts of dangerous waste generated each year as well as its transport, treatment, and/or disposal.
- Identify toxic chemicals released and stored by businesses.
- Track information on facilities that prepare pollution prevention plans.
- Prepare informational publications, such as Shoptalk, a newsletter for hazardous waste generators.

According to federal and state community right-to-know laws, Ecology also responds to public inquiries about toxic chemicals and provides a web site for this purpose.

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	25.0	24.1	24.6
001 General Fund			
001-2 Federal	\$184,000	\$169,000	\$353,000
207 Hazardous Waste Assistance Account			
207-1 State	\$673,000	\$686,000	\$1,359,000
173 State Toxics Control Account			
173-1 State	\$606,000	\$672,000	\$1,278,000
163 Worker and Community Right-to-Know Account			
163-1 State	\$806,000	\$825,000	\$1,631,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

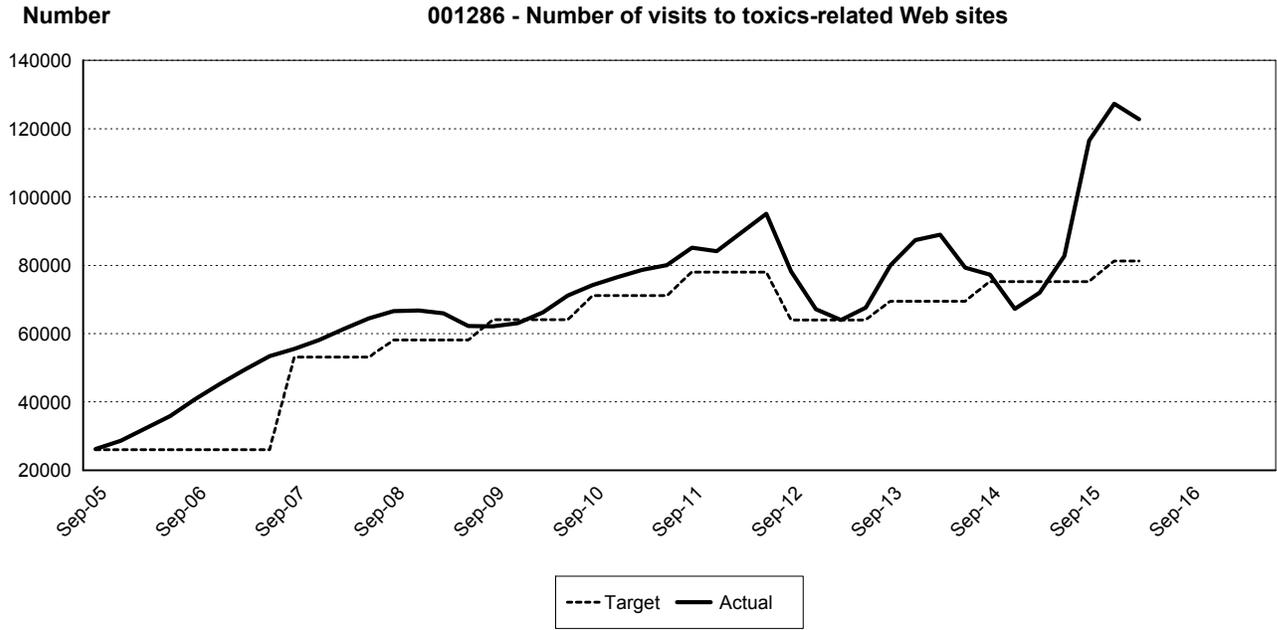
Dangerous waste and chemical data (type, location, amount, etc.) is available to emergency responders, and local governments so they can plan and prepare for chemical hazards in their communities. This is accomplished through:

- Publishing and promoting the Shoptalk newsletter to 10,000 subscribers .
- Creating or updating 50 business publications each year and posting them to the web.
- Writing and distributing 8 business P2 success stories during the biennium.
- Updating our compliance and toxics reduction web content.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001286 Number of visits to Ecology's Hazardous Waste and Toxics Reduction web sites.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	122,787	81,270
	Q2	127,296	81,270
	Q1	116,530	75,250
2013-15	Q8	82,781	75,250
	Q7	72,015	75,250
	Q6	67,207	75,250
	Q5	77,267	75,250
	Q4	79,326	69,500
	Q3	88,942	69,500
	Q2	87,344	69,500
	Q1	80,071	69,500
2011-13	Q8	67,649	64,000
	Q7	63,944	64,000
	Q6	67,164	64,000
	Q5	78,155	64,000
	Q4	95,136	78,000
	Q3	89,590	78,000
	Q2	84,145	78,000
	Q1	85,170	78,000

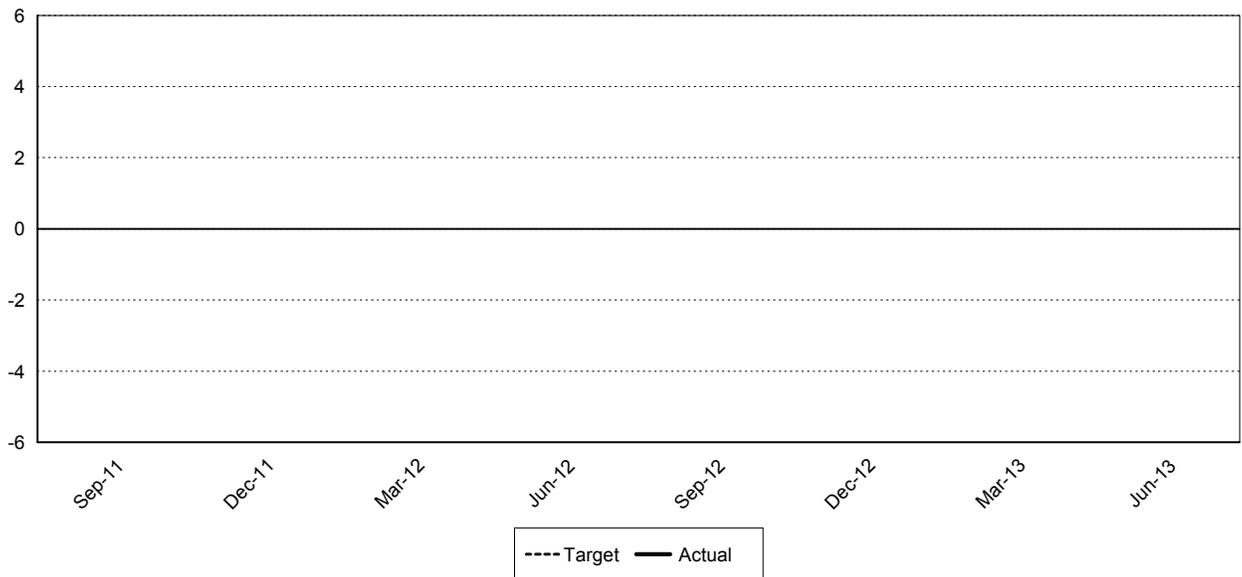
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A020 Improve Quality of Data Used for Environmental Decision Making

Sound environmental policy and regulatory decisions require accurate and timely data. To ensure the reliability and integrity of data Ecology uses, agency staff provide guidance and training on developing quality assurance project plans, review project proposals, and consult on sampling design requirements and interpretation of results. This quality assurance function is required by the Environmental Protection Agency (EPA) for entities (including Ecology) that receive funding for work involving environmental data. In addition, Ecology scientists, modelers, statisticians, chemists, and other specialists interpret technical data, review grantee monitoring plans, and supply information for policy decisions, to support agency mandates.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	4.6	4.6	4.6
001 General Fund			
001-1 State	\$66,000	\$65,000	\$131,000
001-2 Federal	\$170,000	\$172,000	\$342,000
001 Account Total	\$236,000	\$237,000	\$473,000
173 State Toxics Control Account			
173-1 State	\$170,000	\$181,000	\$351,000
176 Water Quality Permit Account			
176-1 State	\$132,000	\$138,000	\$270,000

Statewide Result Area: Sustainable Energy and a Clean Environment

Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

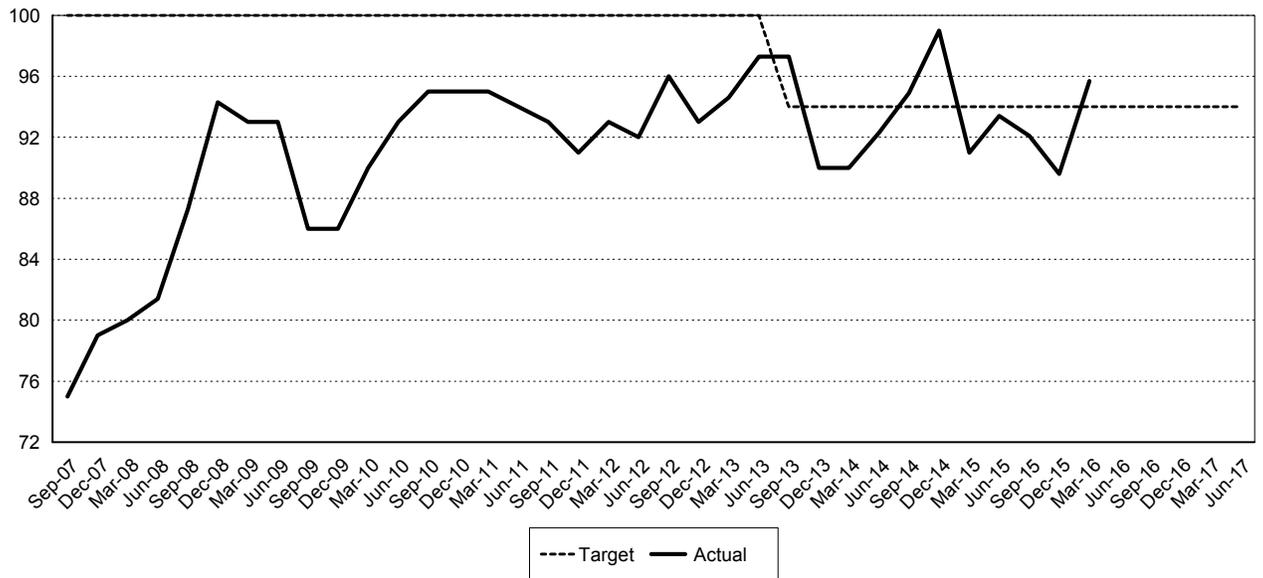
Expected Results

Environmental policy and agency decisions are based on accurate, reliable, and timely data. Quality assurance project plans are completed for all scientific studies before sampling begins. Environmental sampling and laboratory methods are described in formal standard operating procedures.

001163 Percent of environmental monitoring field procedures covered by a formal Standard Operating Procedure (SOP).			
Biennium	Period	Actual	Target
2015-17	Q8		94%
	Q7		94%
	Q6		94%
	Q5		94%
	Q4		94%
	Q3	95.7%	94%
	Q2	89.6%	94%
	Q1	92.1%	94%
2013-15	Q8	93.4%	94%
	Q7	91%	94%
	Q6	99%	94%
	Q5	94.9%	94%
	Q4	92.3%	94%
	Q3	90%	94%
	Q2	90%	94%
	Q1	97.3%	94%
2011-13	Q8	97.3%	100%
	Q7	94.6%	100%
	Q6	93%	100%
	Q5	96%	100%
	Q4	92%	100%
	Q3	93%	100%
	Q2	91%	100%
	Q1	93%	100%

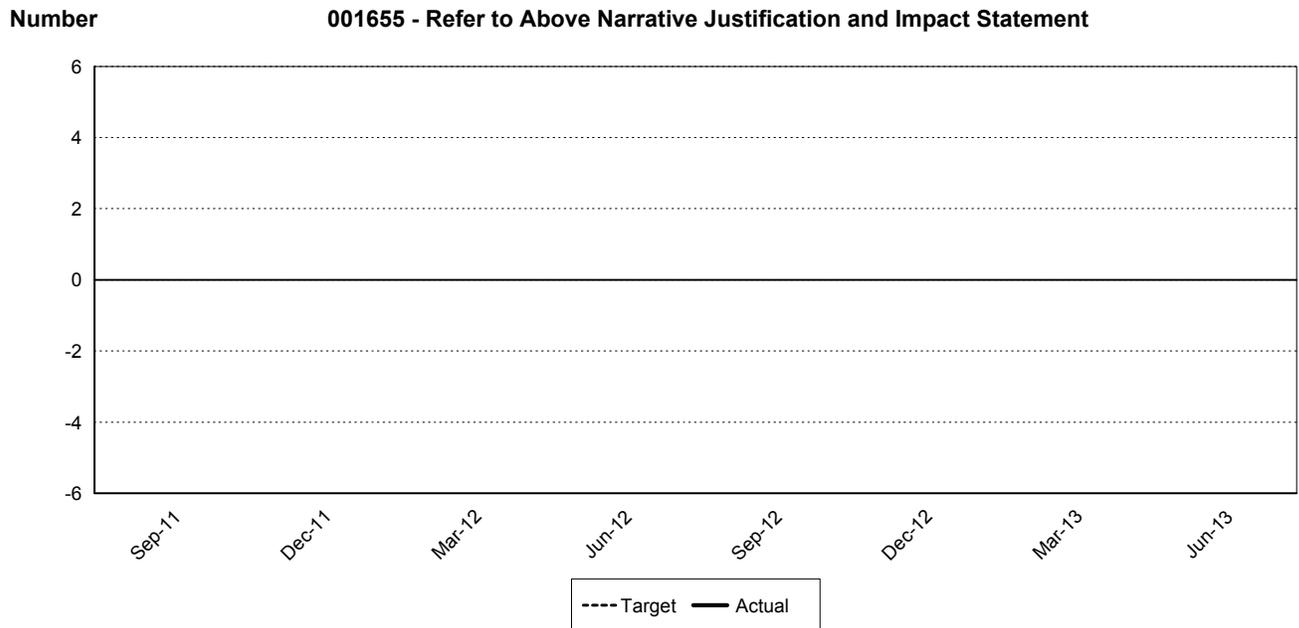
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Percent 001163 - Percent of environmental monitoring field procedures covered by formal standard operating procedures



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

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A021 Increase Compliance and Act on Environmental Threats from Hazardous Waste

The agency annually conducts formal compliance enforcement inspections at large and medium quantity generators and hazardous waste management facilities to ensure compliance with state and federal regulations. A credible, formal enforcement capability is essential to preserving the effectiveness of technical assistance and informal enforcement efforts. While staff undertake formal enforcement infrequently, repeated refusal or inability of a facility to correct violations and comply with the regulations will escalate to formal enforcement actions. When possible, a streamlined enforcement and settlement approach is used. This frees up inspectors to do more inspections instead of spending excess time with legal proceedings. The state also periodically amends the Dangerous Waste Regulations to keep our rules current with the federal program and maintain state authorization.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	32.5	32.6	32.6
19G Environmental Legacy Stewardship Account			
19G-1 State	\$715,000	\$727,000	\$1,442,000
001 General Fund			
001-2 Federal	\$605,000	\$623,000	\$1,228,000
173 State Toxics Control Account			
173-1 State	\$1,837,000	\$2,210,000	\$4,047,000

Statewide Result Area: Sustainable Energy and a Clean Environment

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

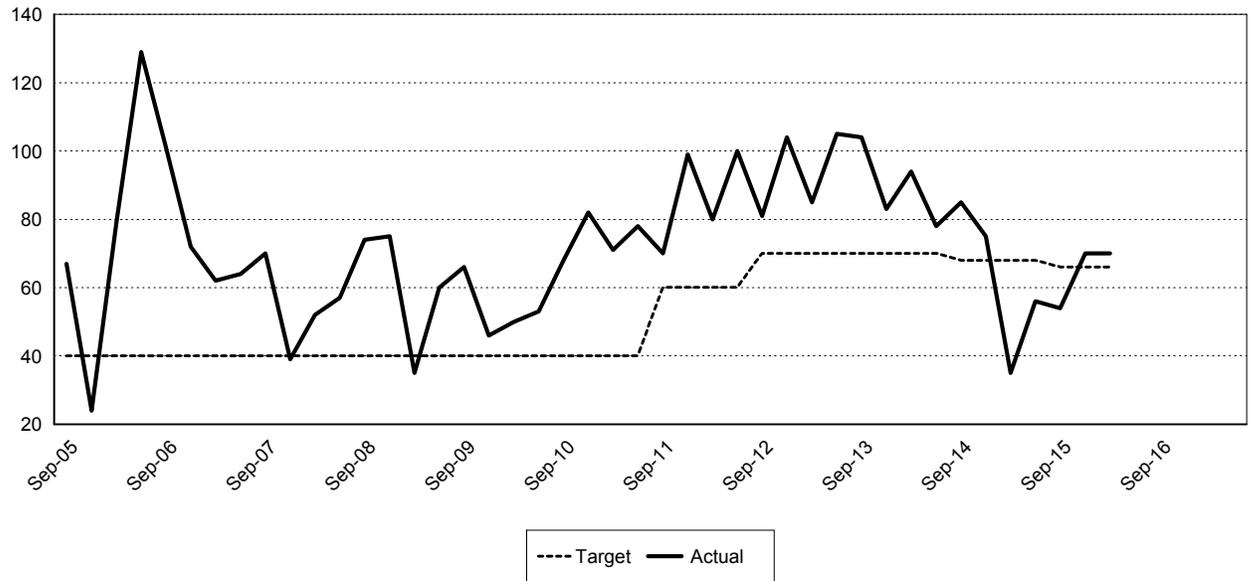
Expected Results

Large and medium quantity generators and facilities that treat, store, or dispose of dangerous wastes are in compliance with state and federal regulations designed to protect human health and the environment. We accomplish this through: conducting over 400 compliance inspections annually; leaning our compliance inspection process in an effort to add capacity for additional inspections; responding to 100 percent of dangerous waste related complaints (approximately 120-180 complaints per year); and utilizing streamlined enforcement and settlement approaches as opportunities arise.

- Issuing timely enforcement actions resulting in a deterrent to businesses and changed behavior.
- *Focusing on reducing the number of significant environmental threats found during inspections.
-
-

001284 Number of significant toxics-related environmental threats resolved.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	70	66
	Q2	70	66
	Q1	54	66
2013-15	Q8	56	68
	Q7	35	68
	Q6	75	68
	Q5	85	68
	Q4	78	70
	Q3	94	70
	Q2	83	70
	Q1	104	70
2011-13	Q8	105	70
	Q7	85	70
	Q6	104	70
	Q5	81	70
	Q4	100	60
	Q3	80	60
	Q2	99	60
	Q1	70	60

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

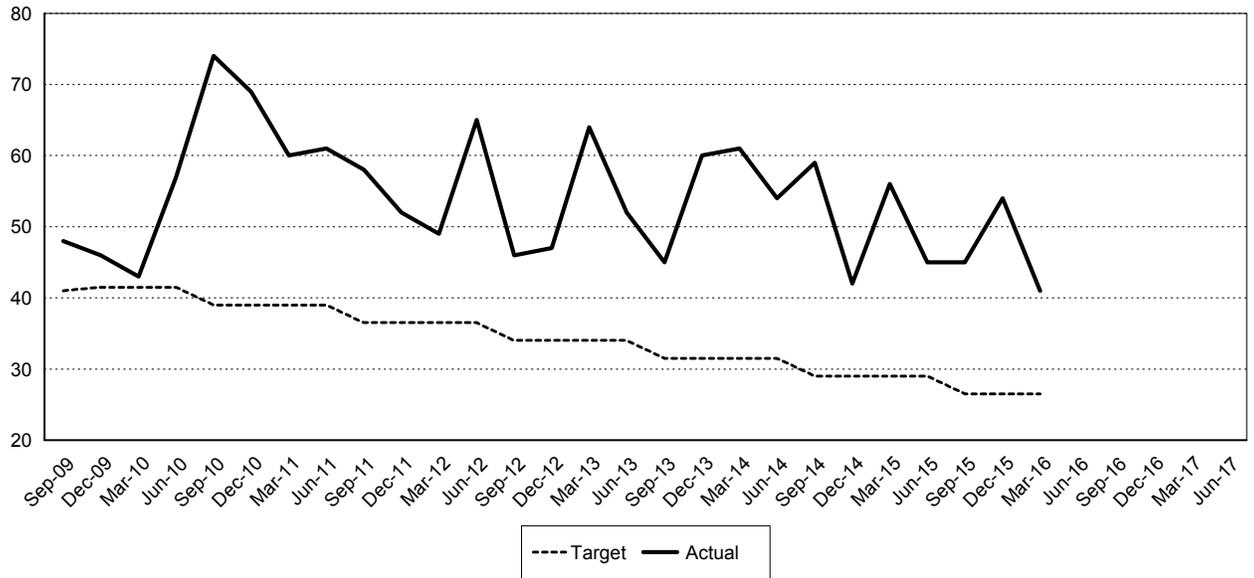


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001294 Percent of facilities with a significant toxics-related threat found during an inspection.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	41%	26.5%
	Q2	54%	26.5%
	Q1	45%	26.5%
2013-15	Q8	45%	29%
	Q7	56%	29%
	Q6	42%	29%
	Q5	59%	29%
	Q4	54%	31.5%
	Q3	61%	31.5%
	Q2	60%	31.5%
	Q1	45%	31.5%
2011-13	Q8	52%	34%
	Q7	64%	34%
	Q6	47%	34%
	Q5	46%	34%
	Q4	65%	36.5%
	Q3	49%	36.5%
	Q2	52%	36.5%
	Q1	58%	36.5%

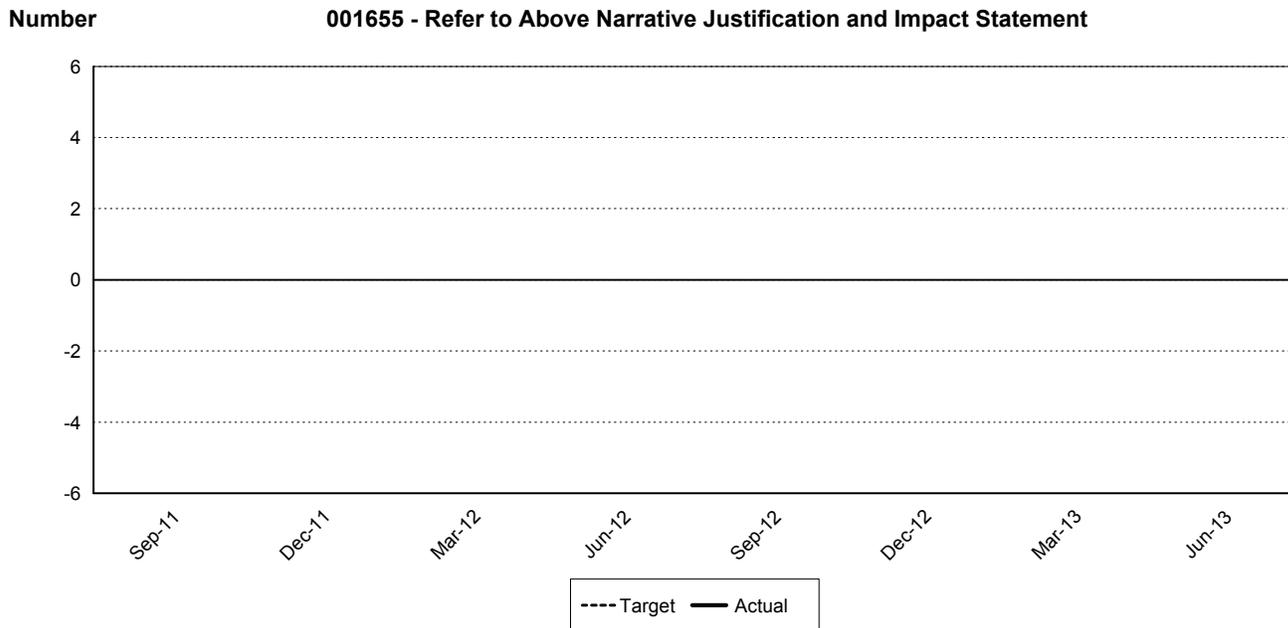
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Percent 001294 - Percent chance of finding a significant environmental threat during a compliance inspection



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

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A022 Increase Safe Hazardous Waste Management

Ecology provides education and technical assistance to thousands of businesses on safe hazardous waste management. Safe management of hazardous waste protects the public and the environment, and enables the state to avoid significant clean-up costs. Although formal enforcement work is essential to maintaining compliance with hazardous waste regulations, training and technical assistance visits also can help bring facilities into regulatory compliance using fewer resources. Even small amounts of mismanaged toxic chemicals can create contaminated sites and pollute stormwater. To address environmental threats from small businesses, Ecology also oversees performance contracts with 9 Puget Sound counties (in addition to Spokane County). These contracts provide for Local Source Control Specialists to conduct technical assistance visits to small businesses.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	18.2	18.2	18.2
19G Environmental Legacy Stewardship Account			
19G-1 State	\$1,805,000	\$1,835,000	\$3,640,000
001 General Fund			
001-2 Federal	\$775,000	\$891,000	\$1,666,000
207 Hazardous Waste Assistance Account			
207-1 State	\$230,000	\$238,000	\$468,000
174 Local Toxics Control Account			
174-1 State	\$311,000	\$311,000	\$622,000
173 State Toxics Control Account			
173-1 State	\$1,060,000	\$1,095,000	\$2,155,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

Dangerous waste is safely managed, the public is protected, and businesses comply with state dangerous waste rules. We accomplish this through:

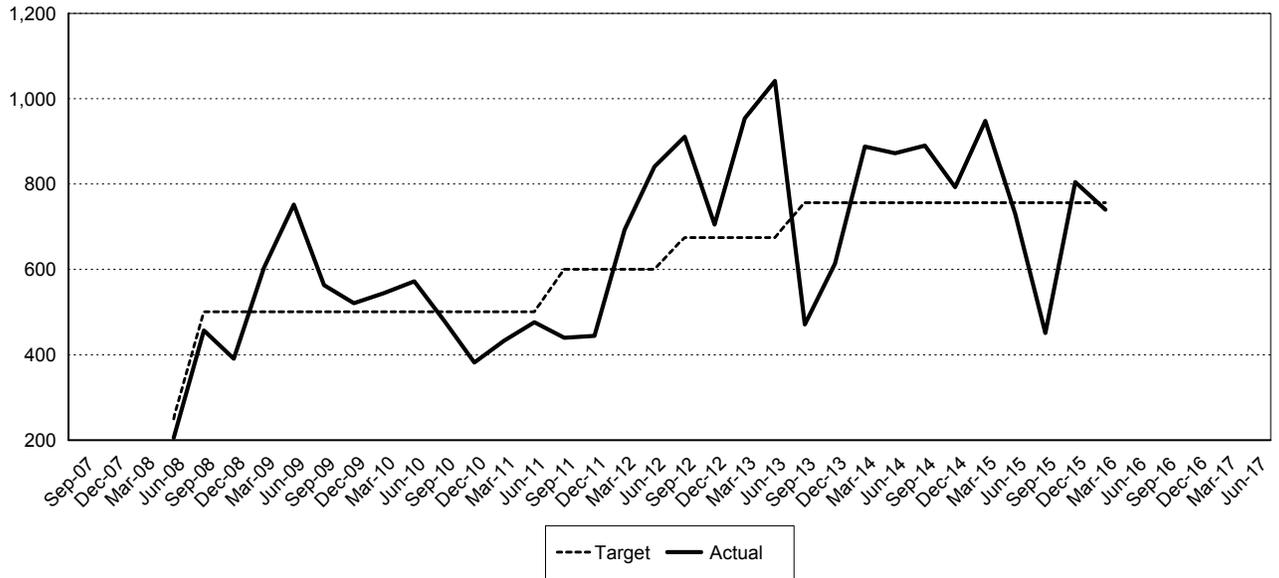
- Conducting up to 200 compliance-related technical assistance visits to businesses each year.
- Providing six web-based dangerous waste workshop videos and training modules to help business properly manage dangerous waste and fill out their annual reports.
- Conducting at least 4 dangerous waste workshops across the state..

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001296 Number of Ecology-funded small business technical assistance visits conducted by local government.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	740	756
	Q2	805	756
	Q1	451	756
2013-15	Q8	730	756
	Q7	948	756
	Q6	793	756
	Q5	890	756
	Q4	872	756
	Q3	888	756
	Q2	614	756
	Q1	471	756
2011-13	Q8	1,042	675
	Q7	954	675
	Q6	705	675
	Q5	911	675
	Q4	841	600
	Q3	693	600
	Q2	444	600
	Q1	440	600

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

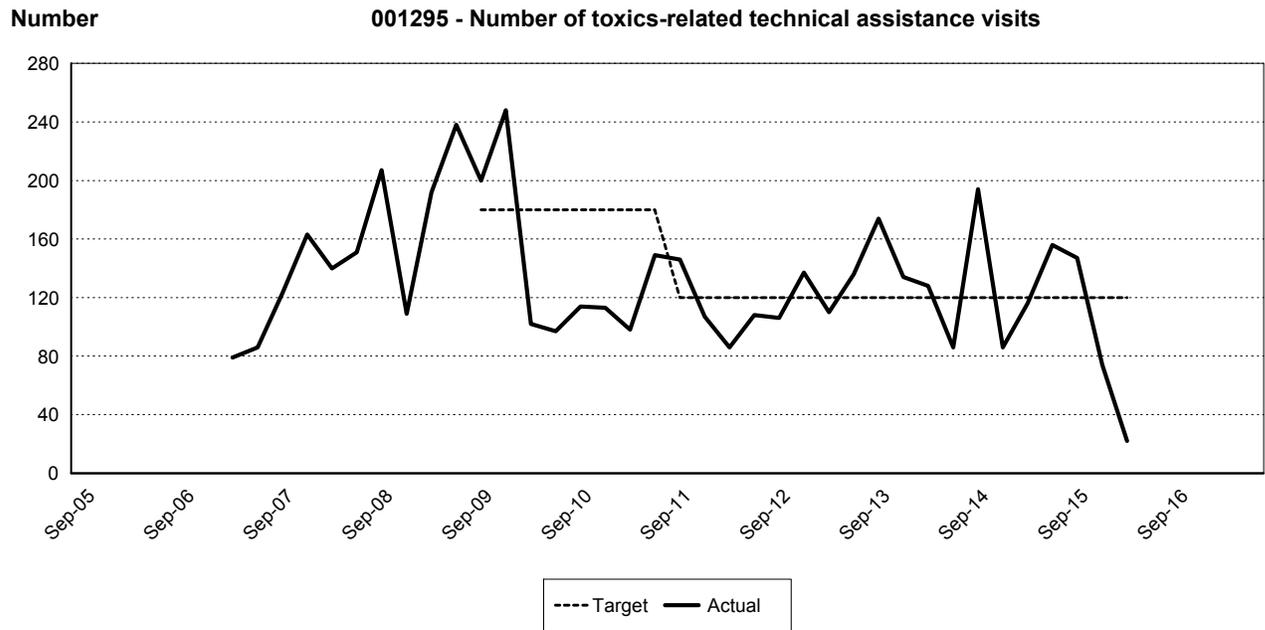
Number **001296 - Number of Ecology-funded small business technical assistance visits conducted by local government**



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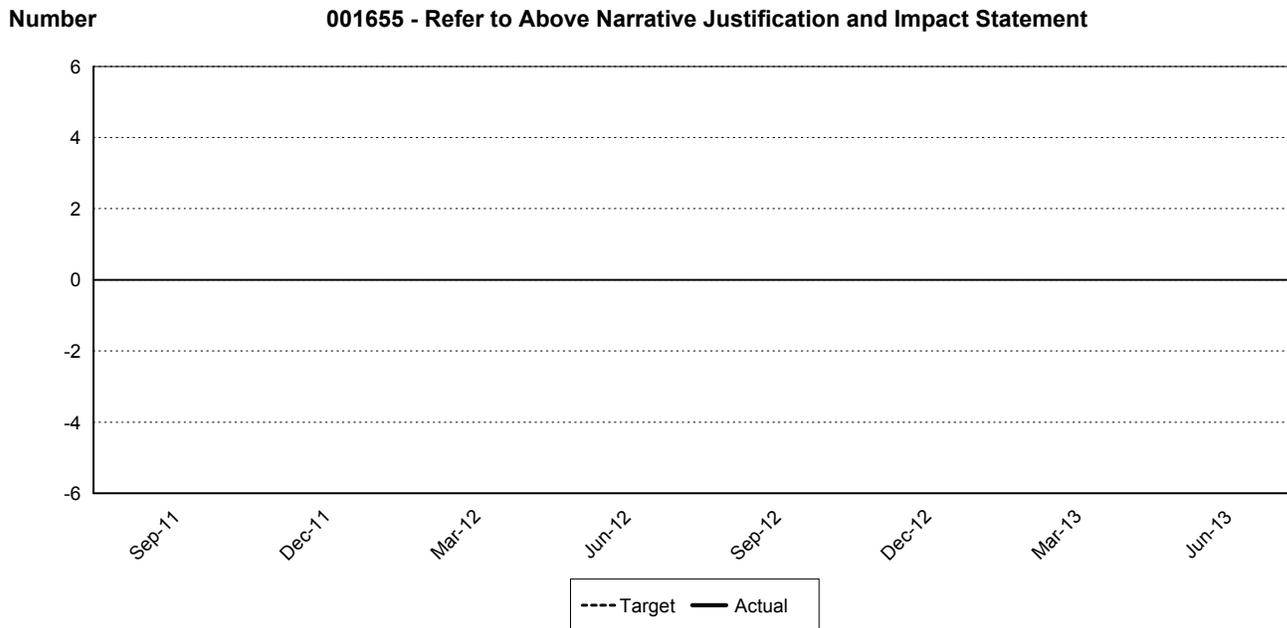
001295 Number of toxics-related technical assistance visits.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	22	120
	Q2	74	120
	Q1	147	120
2013-15	Q8	156	120
	Q7	116	120
	Q6	86	120
	Q5	194	120
	Q4	86	120
	Q3	128	120
	Q2	134	120
	Q1	174	120
2011-13	Q8	136	120
	Q7	110	120
	Q6	137	120
	Q5	106	120
	Q4	108	120
	Q3	86	120
	Q2	107	120
	Q1	146	120

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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A023 Manage Underground Storage Tanks to Minimize Releases

Ecology currently regulates over 10,000 active tanks on over 3,600 different properties, including gas stations, industries, commercial properties, and governmental entities. We ensure tanks are installed, managed, and monitored according to federal standards and in a way that prevents releases into the environment. This is done through compliance inspections and providing technical assistance to tank owners and operators. Properly managing such tanks saves millions of dollars in cleanup costs and prevents contamination of limited drinking water and other groundwater resources.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	23.6	23.6	23.6
001 General Fund			
001-2 Federal	\$439,000	\$439,000	\$878,000
173 State Toxics Control Account			
173-1 State	\$146,000	\$146,000	\$292,000
182 Underground Storage Tank Account			
182-1 State	\$1,567,000	\$1,642,000	\$3,209,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

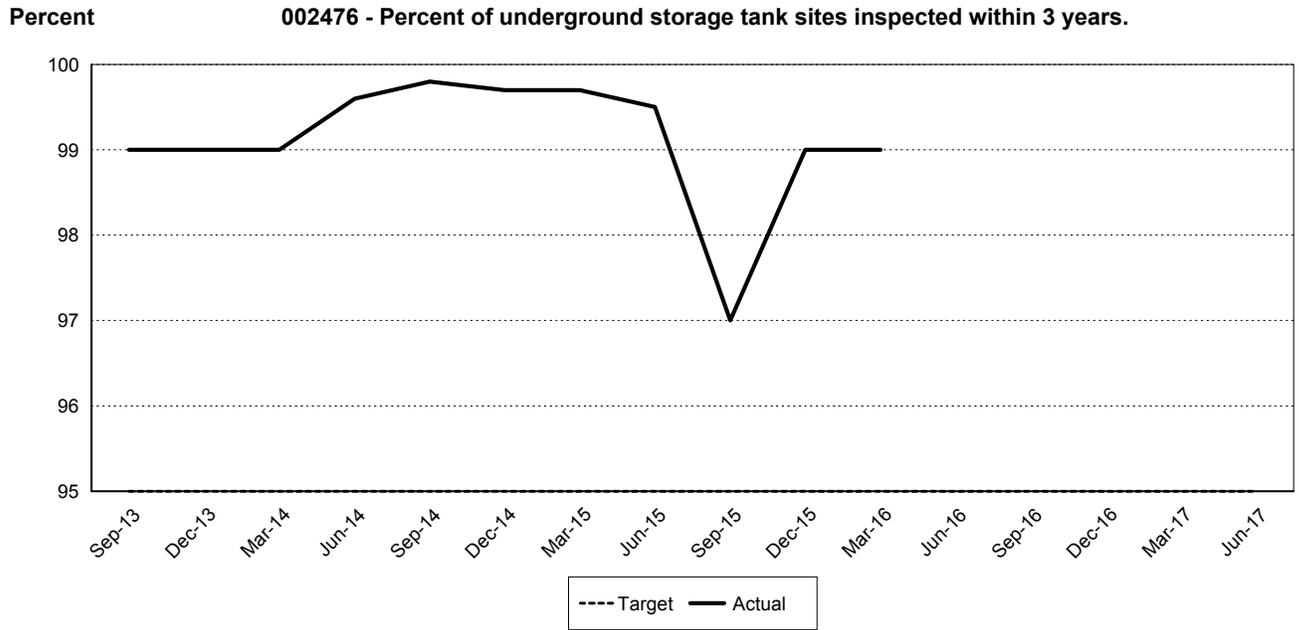
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

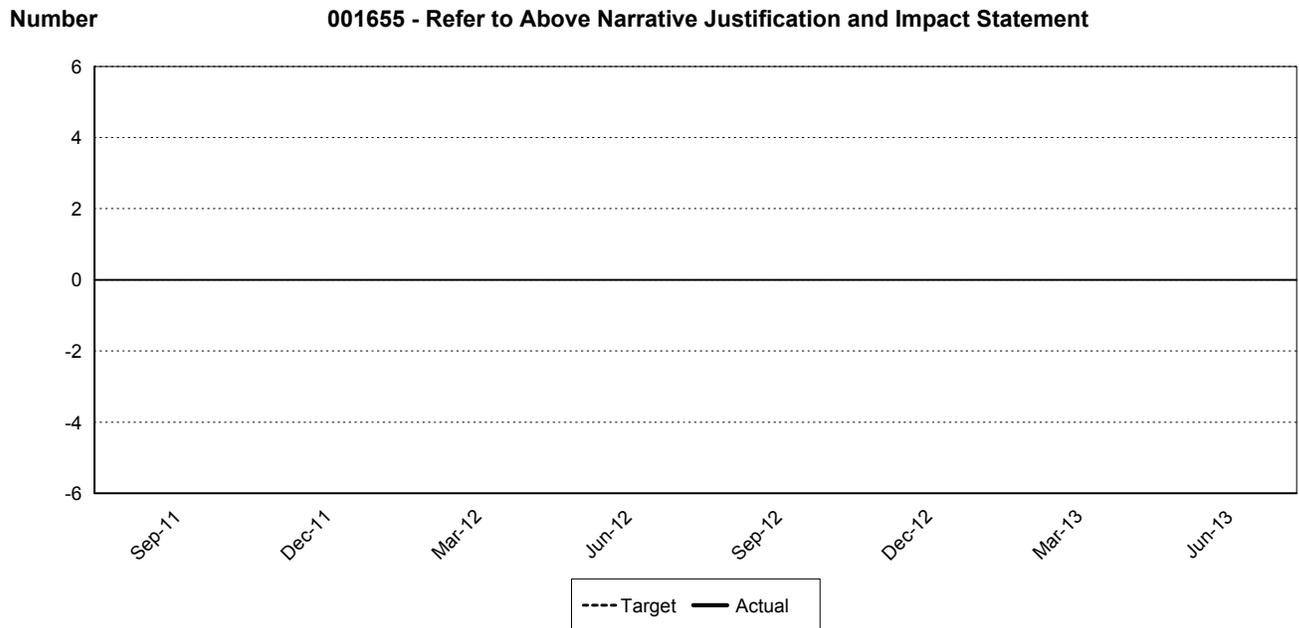
002476 This measure replaces "Average number of UST inspections completed per inspector". We wanted to capture our efforts in responding to EPA's requirement to inspect every underground storage tank at least every 3 years.			
Biennium	Period	Actual	Target
2015-17	Q8		95%
	Q7		95%
	Q6		95%
	Q5		95%
	Q4		95%
	Q3	99%	95%
	Q2	99%	95%
	Q1	97%	95%
2013-15	Q8	99.5%	
	Q7	99.7%	
	Q6	99.7%	
	Q5	99.8%	
	Q4	99.6%	
	Q3	99%	
	Q2	99%	
	Q1	99%	95%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A024 Manage Water Rights

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	53.0	52.7	52.9
001 General Fund			
001-1 State	\$6,056,000	\$5,333,000	\$11,389,000
001-7 Private/Local	\$1,167,000	\$1,098,000	\$2,265,000
001 Account Total	\$7,223,000	\$6,431,000	\$13,654,000
027 Reclamation Account			
027-1 State	\$0	\$687,000	\$687,000
16V Water Rights Processing Account			
16V-1 State	\$19,000	\$20,000	\$39,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Achieve sustainable use of public natural resources

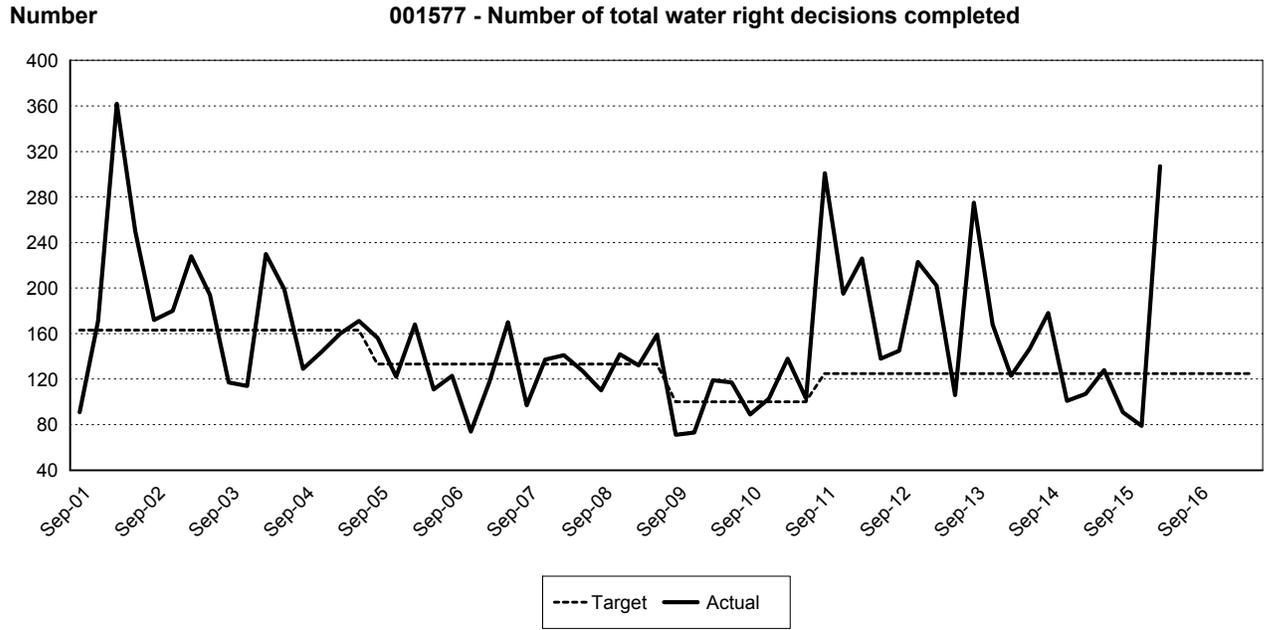
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

001577 Number of water right decisions completed.			
Biennium	Period	Actual	Target
2015-17	Q8		125
	Q7		125
	Q6		125
	Q5		125
	Q4		125
	Q3	307	125
	Q2	79	125
	Q1	91	125
2013-15	Q8	128	125
	Q7	107	125
	Q6	101	125
	Q5	178	125
	Q4	147	125
	Q3	123	125
	Q2	168	125
	Q1	275	125
2011-13	Q8	106	125
	Q7	202	125
	Q6	223	125
	Q5	145	125
	Q4	138	125
	Q3	226	125
	Q2	195	125
	Q1	301	125

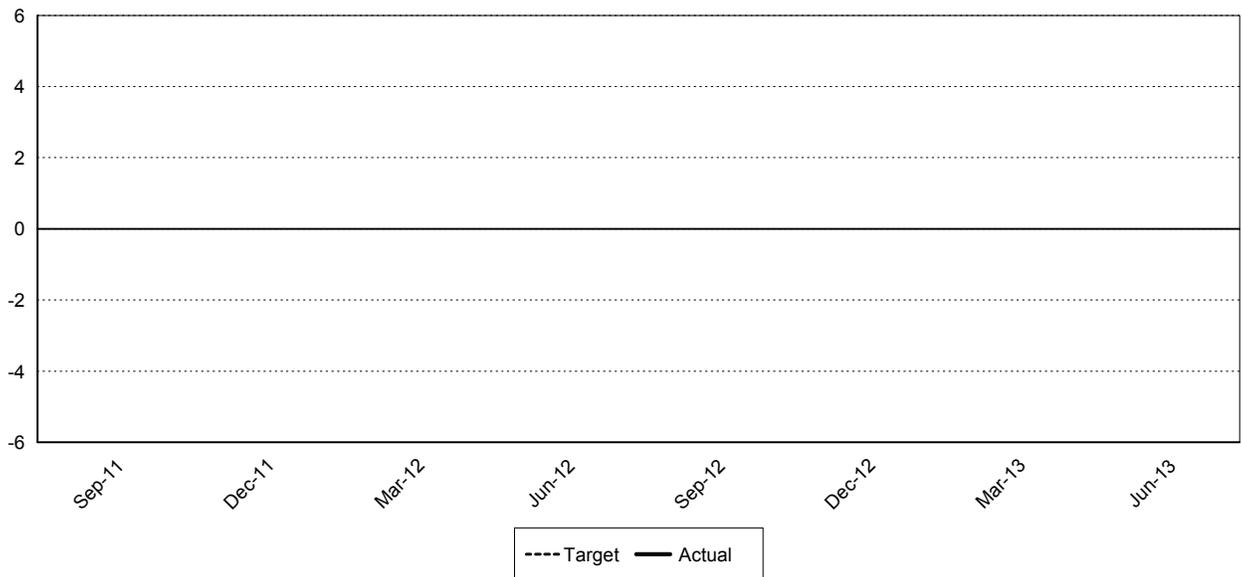
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A025 Measure Air Pollution Levels and Emissions

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	22.9	22.9	22.9
19G Environmental Legacy Stewardship Account			
19G-1 State	\$121,000	\$121,000	\$242,000
001 General Fund			
001-2 Federal	\$1,800,000	\$1,744,000	\$3,544,000
001-7 Private/Local	\$162,000	\$162,000	\$324,000
001 Account Total	\$1,962,000	\$1,906,000	\$3,868,000
173 State Toxics Control Account			
173-1 State	\$1,348,000	\$1,392,000	\$2,740,000

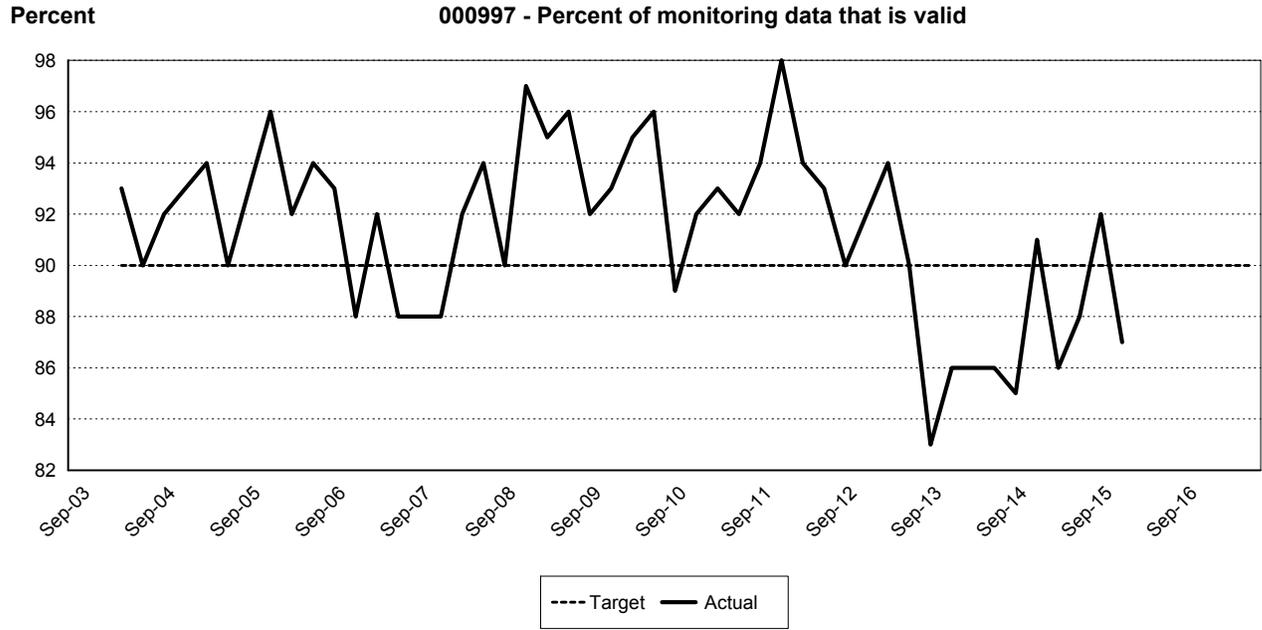
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

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

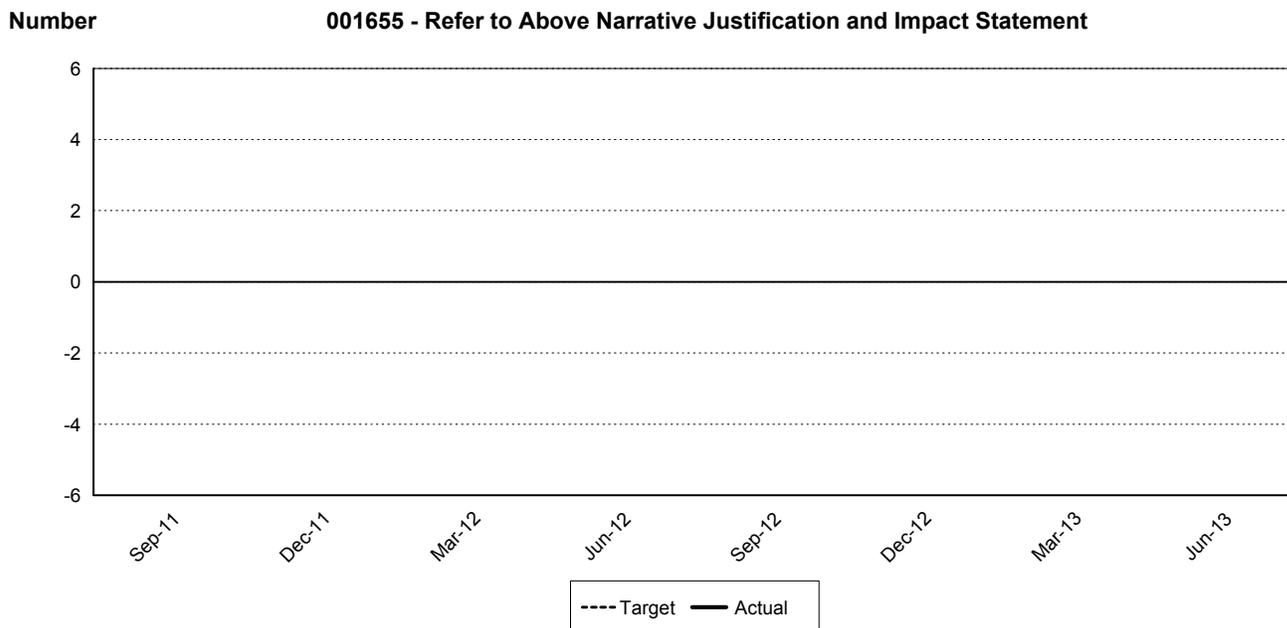
000997 Percent of monitoring data that is valid.			
Biennium	Period	Actual	Target
2015-17	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3		90%
	Q2	87%	90%
	Q1	92%	90%
2013-15	Q8	88%	90%
	Q7	86%	90%
	Q6	91%	90%
	Q5	85%	90%
	Q4	86%	90%
	Q3	86%	90%
	Q2	86%	90%
	Q1	83%	90%
2011-13	Q8	90%	90%
	Q7	94%	90%
	Q6	92%	90%
	Q5	90%	90%
	Q4	93%	90%
	Q3	94%	90%
	Q2	98%	90%
	Q1	94%	90%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A026 Measure Contaminants in the Environment by Performing Laboratory Analyses

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	30.6	30.6	30.6
001 General Fund			
001-1 State	\$198,000	\$192,000	\$390,000
001-7 Private/Local	\$147,000	\$147,000	\$294,000
001 Account Total	\$345,000	\$339,000	\$684,000
173 State Toxics Control Account			
173-1 State	\$1,505,000	\$1,566,000	\$3,071,000
176 Water Quality Permit Account			
176-1 State	\$99,000	\$99,000	\$198,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

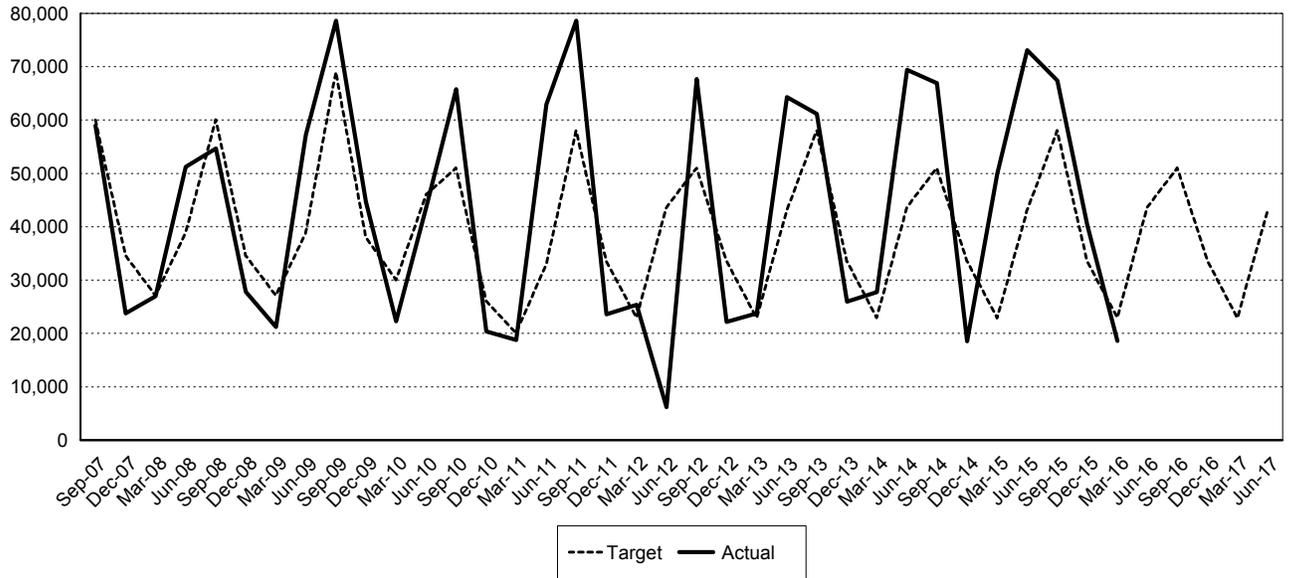
Expected Results

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

001164 Number of chemical analyses completed for clients by Ecology's Manchester Environmental Laboratory.			
Biennium	Period	Actual	Target
2015-17	Q8		43,050
	Q7		22,890
	Q6		33,600
	Q5		51,000
	Q4		43,630
	Q3	18,586	22,910
	Q2	40,345	33,500
	Q1	67,380	58,000
2013-15	Q8	73,087	43,050
	Q7	49,953	22,890
	Q6	18,557	33,600
	Q5	66,930	51,000
	Q4	69,385	43,630
	Q3	27,721	22,910
	Q2	25,978	33,500
	Q1	61,152	58,000
2011-13	Q8	64,322	43,050
	Q7	23,758	22,890
	Q6	22,138	33,600
	Q5	67,698	51,000
	Q4	6,170	43,630
	Q3	25,348	22,910
	Q2	23,573	33,500
	Q1	78,610	58,000

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

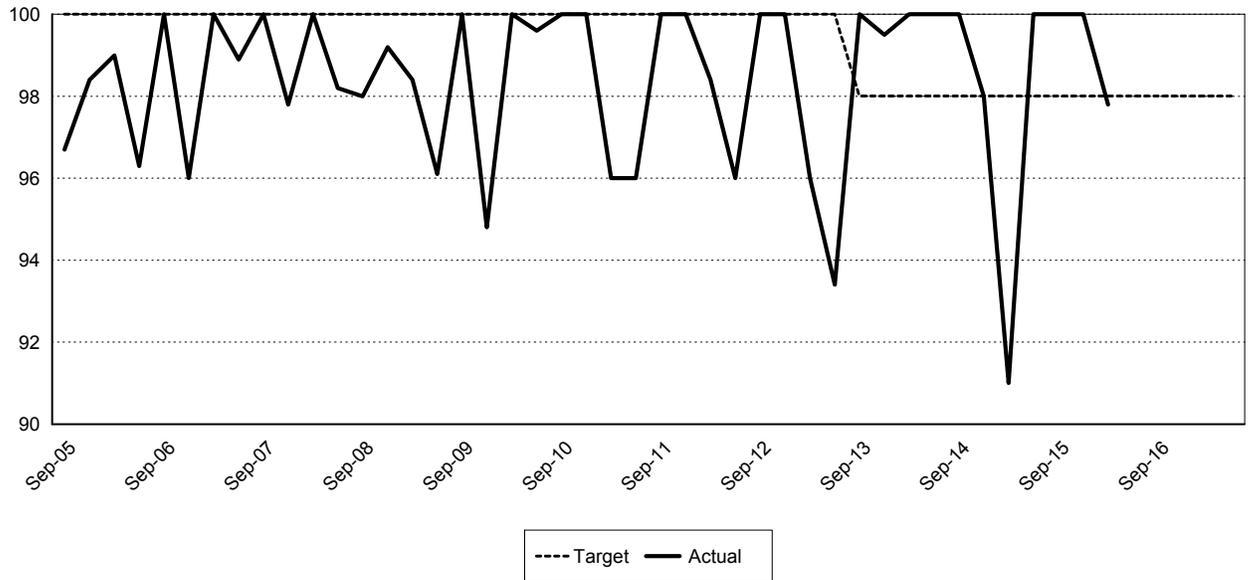


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

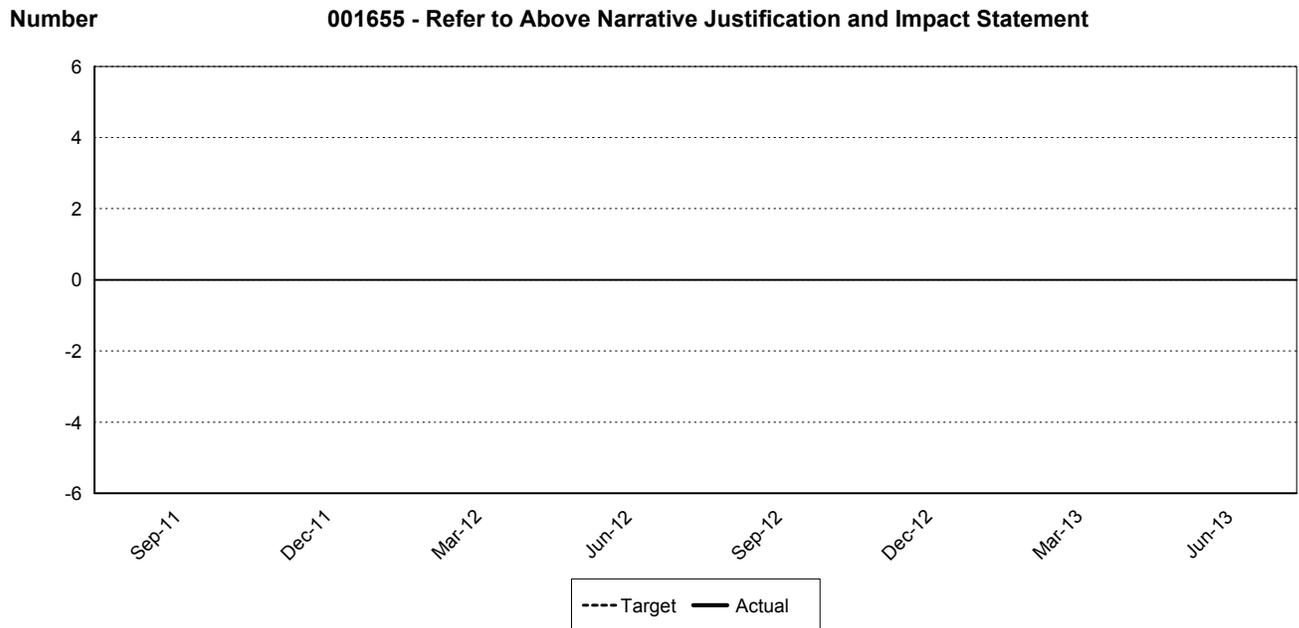
001160 Percent of acceptable performance testing analyses completed by Ecology's Manchester Environmental Laboratory.			
Biennium	Period	Actual	Target
2015-17	Q8		98%
	Q7		98%
	Q6		98%
	Q5		98%
	Q4		98%
	Q3	97.8%	98%
	Q2	100%	98%
	Q1	100%	98%
2013-15	Q8	100%	98%
	Q7	91%	98%
	Q6	98%	98%
	Q5	100%	98%
	Q4	100%	98%
	Q3	100%	98%
	Q2	99.5%	98%
	Q1	100%	98%
2011-13	Q8	93.4%	100%
	Q7	96%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	96%	100%
	Q3	98.4%	100%
	Q2	100%	100%
	Q1	100%	100%

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



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



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

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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	53.5	53.3	53.4
19G Environmental Legacy Stewardship Account			
19G-1 State	\$916,000	\$887,000	\$1,803,000
222 Freshwater Aquatic Weeds Account			
222-1 State	\$119,000	\$120,000	\$239,000
001 General Fund			
001-1 State	\$1,070,000	\$924,000	\$1,994,000
001-2 Federal	\$1,977,000	\$2,000,000	\$3,977,000
001-7 Private/Local	\$17,000	\$17,000	\$34,000
001 Account Total	\$3,064,000	\$2,941,000	\$6,005,000
173 State Toxics Control Account			
173-1 State	\$2,478,000	\$2,655,000	\$5,133,000
176 Water Quality Permit Account			
176-1 State	\$47,000	\$47,000	\$94,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

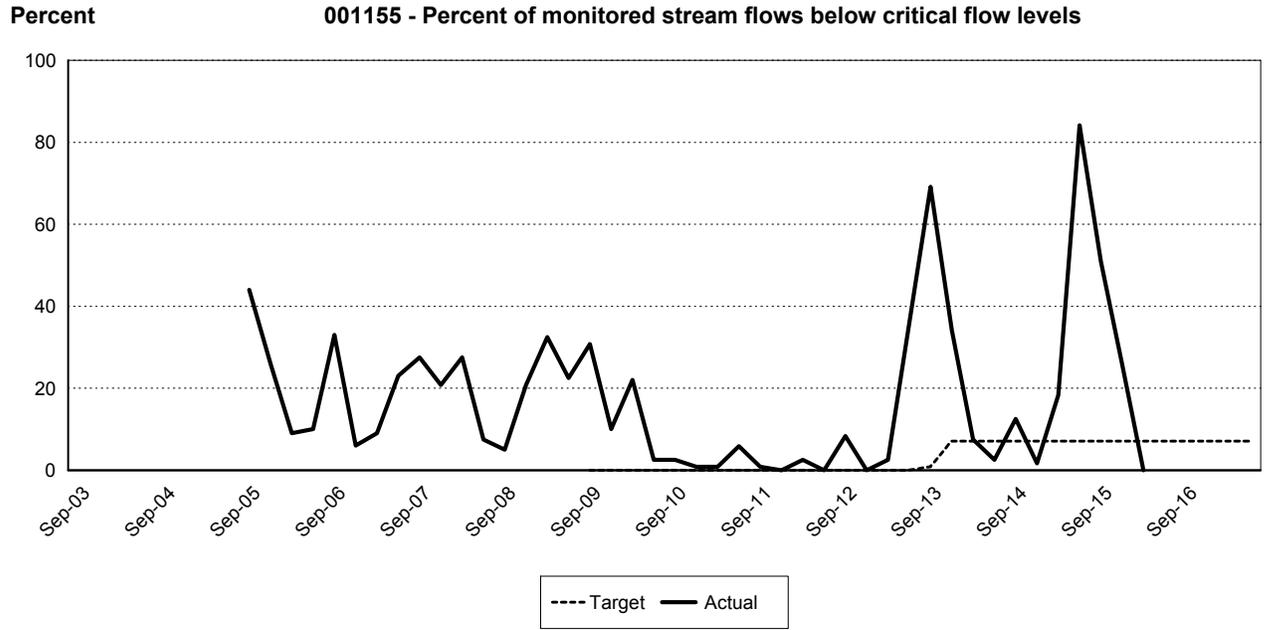
Expected Results

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

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001155 Percent of monitored stream flows below critical flow levels.			
Biennium	Period	Actual	Target
2015-17	Q8		7.13%
	Q7		7.13%
	Q6		7.13%
	Q5		7.13%
	Q4		7.13%
	Q3	0%	7.13%
	Q2	25.8%	7.13%
	Q1	51%	7.13%
2013-15	Q8	84.17%	7.13%
	Q7	18.33%	7.13%
	Q6	1.7%	7.13%
	Q5	12.5%	7.13%
	Q4	2.5%	7.13%
	Q3	7.5%	7.13%
	Q2	34.2%	7.13%
	Q1	69.2%	0.83%
2011-13	Q8		0%
	Q7	2.5%	0%
	Q6	0%	0%
	Q5	8.3%	0%
	Q4	0%	0%
	Q3	2.5%	0%
	Q2	0%	0%
	Q1	0.83%	0%

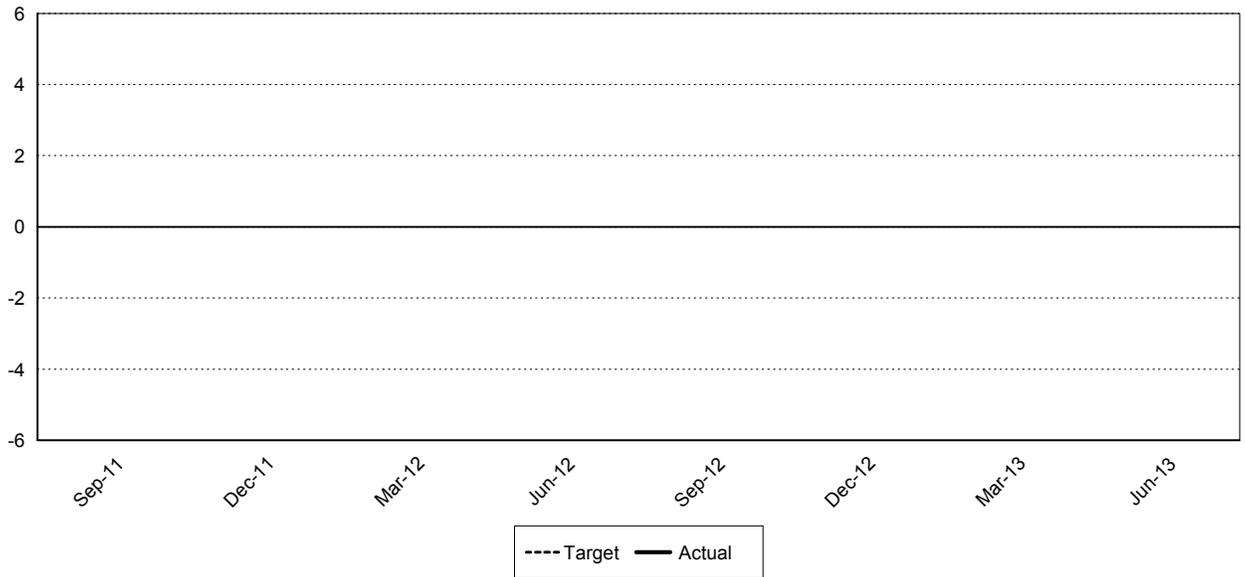
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



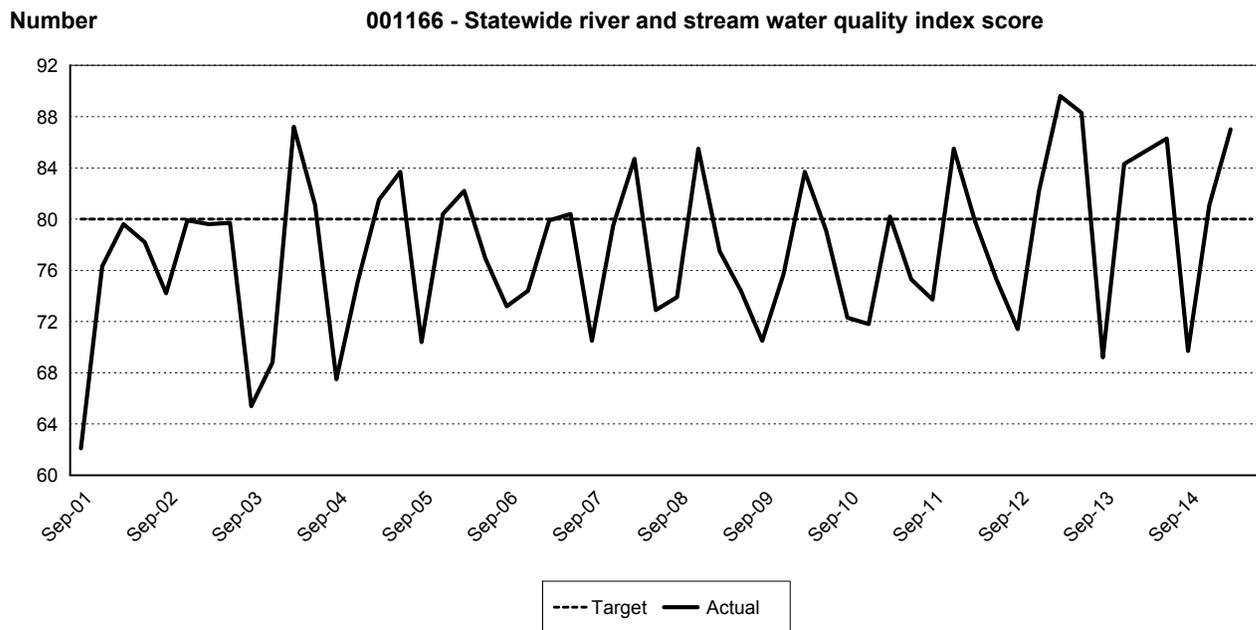
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



001166 Statewide river and stream water quality index score.			
Biennium	Period	Actual	Target
2013-15	Q8		80
	Q7	87	80
	Q6	81.1	80
	Q5	69.7	80
	Q4	86.3	80
	Q3		80
	Q2	84.3	80
	Q1	69.2	80
2011-13	Q8	88.3	80
	Q7	89.6	80
	Q6	82.2	80
	Q5	71.4	80
	Q4	75.3	80
	Q3	79.8	80
	Q2	85.5	80
	Q1	73.7	80



A028 Improve Environmental Compliance at State's Largest Industrial Facilities

The Department of Ecology provides a single point of contact for petroleum refineries, pulp and paper mills, and aluminum smelters. Rather than having multiple inspectors work on the many environmental issues at a facility, one engineer provides coverage for all media. This means more balanced regulation for these major industries.

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Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	18.5	18.6	18.6
219 Air Operating Permit Account			
219-1 State	\$556,000	\$556,000	\$1,112,000
001 General Fund			
001-1 State	\$76,000	\$77,000	\$153,000
173 State Toxics Control Account			
173-1 State	\$513,000	\$582,000	\$1,095,000
176 Water Quality Permit Account			
176-1 State	\$1,073,000	\$1,106,000	\$2,179,000

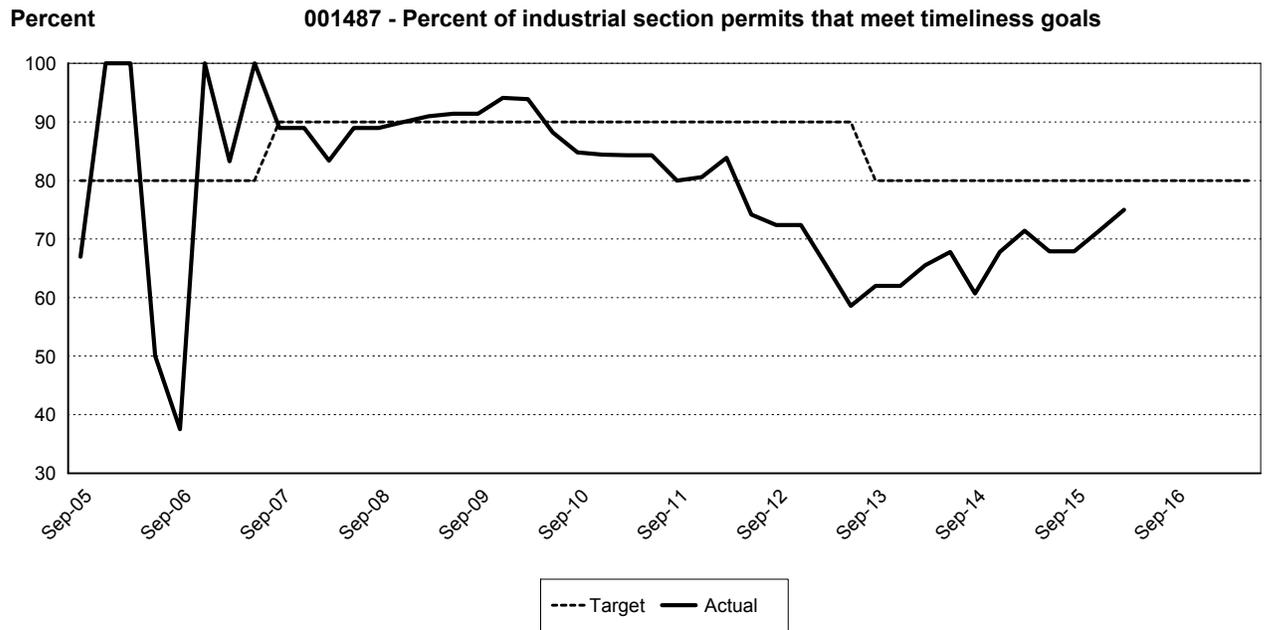
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

Pulp and paper facilities, oil refineries, and aluminum smelters will have improved compliance rates through one stop environmental permitting, compliance review, technical assistance and timely issuance of environmental permits. Current permits will ensure that industries are meeting new state and federal requirements in a timely way.

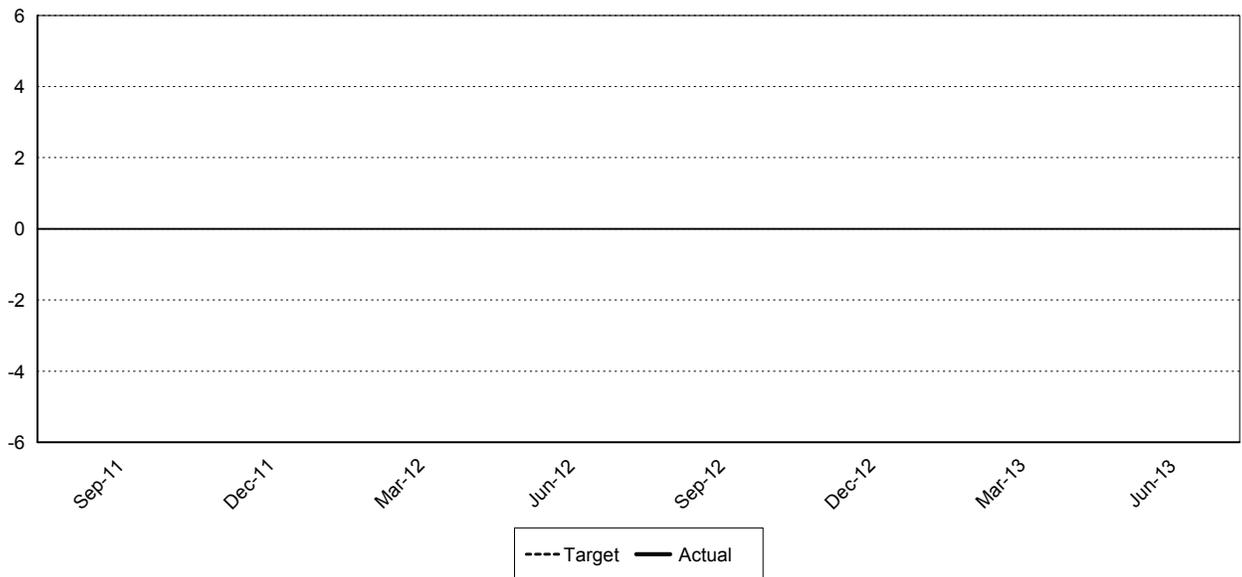
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001487 Percent of industrial section permit actions that meet the agency timeliness goals.			
Biennium	Period	Actual	Target
2015-17	Q8		80%
	Q7		80%
	Q6		80%
	Q5		80%
	Q4		80%
	Q3	75%	80%
	Q2	71.4%	80%
	Q1	67.9%	80%
2013-15	Q8	67.9%	80%
	Q7	71.4%	80%
	Q6	67.8%	80%
	Q5	60.7%	80%
	Q4	67.8%	80%
	Q3	65.5%	80%
	Q2	62%	80%
	Q1	62%	80%
2011-13	Q8	58.6%	90%
	Q7	65.5%	90%
	Q6	72.4%	90%
	Q5	72.4%	90%
	Q4	74.2%	90%
	Q3	83.9%	90%
	Q2	80.6%	90%
	Q1	80%	90%



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

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A029 Prepare and Respond to Drought

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

Program OMN - Department of Ecology-Omnibus

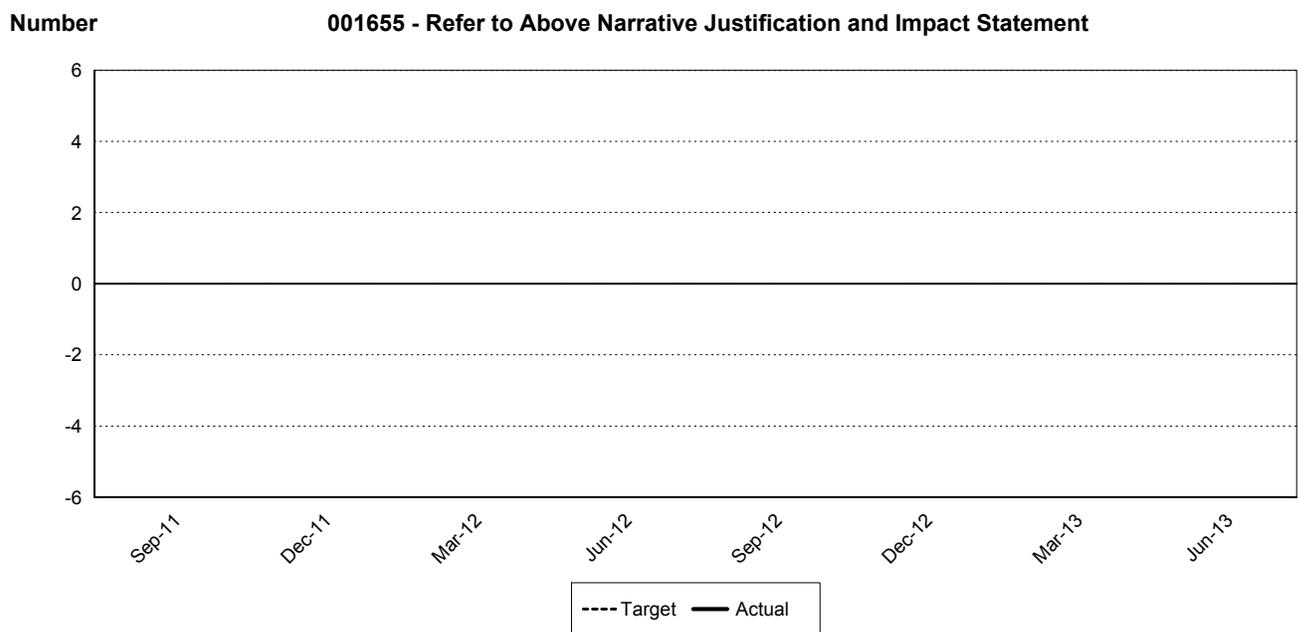
Account	FY 2016	FY 2017	Biennial Total
032 State Emergency Water Projects Revolving Account			
032-1 State	\$15,000	\$25,000	\$40,000
05W State Drought Preparedness Account			
05W-1 State	\$125,000	\$747,000	\$872,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Achieve sustainable use of public natural resources

Expected Results

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

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



A030 Prepare for Aggressive Response to Oil and Hazardous Material Incidents

Large commercial vessels and oil handling facilities operators are required to maintain state-approved oil spill contingency plans to ensure they can rapidly and effectively respond to major oil spills. State planning standards ensure equipment and response personnel are strategically staged throughout the state. This work is carried out through staff review and approval of contingency plans to ensure plan holders and spill response contractors maintain readiness. Ecology also conducts scheduled and unannounced drills, partners with other agencies to maintain a regional contingency plan that guides how spills are managed in the Northwest, and develops geographic response plans in consultation with other natural resource experts and communities.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	22.3	22.1	22.2
001 General Fund			
001-7 Private/Local	\$56,000	\$56,000	\$112,000
217 Oil Spill Prevention Account			
217-1 State	\$2,029,000	\$1,941,000	\$3,970,000
173 State Toxics Control Account			
173-1 State	\$531,000	\$558,000	\$1,089,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

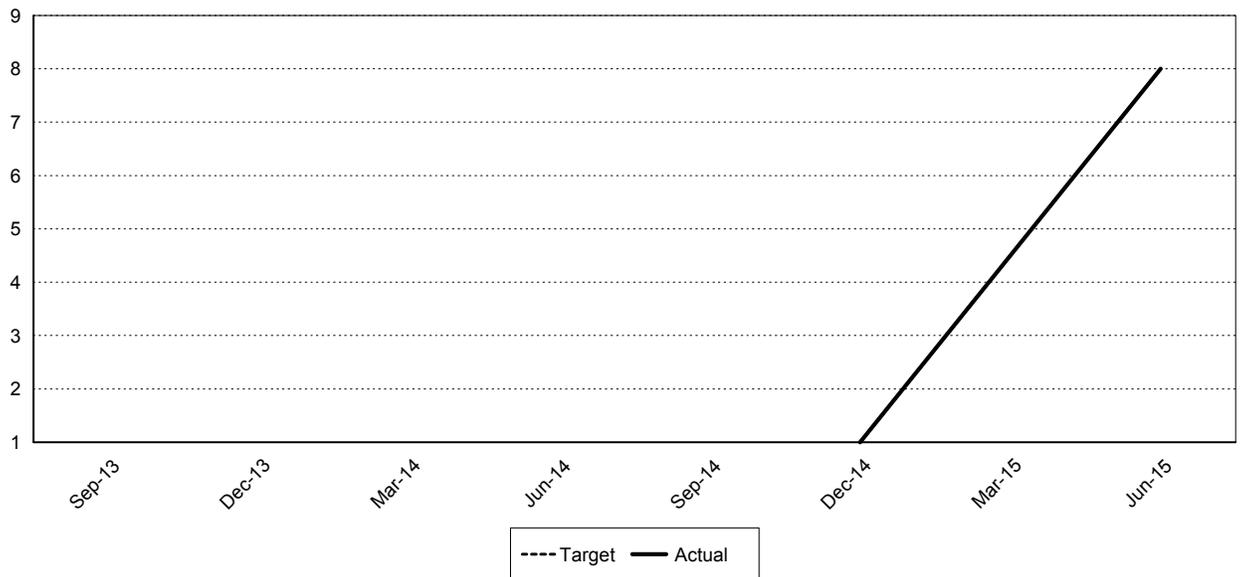
Expected Results

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

002518 Number of Geographic Response Plans (GRPs) completed for inland areas, including site description, response strategies and priorities, shoreline countermeasures, resources at risk and logistics.			
Biennium	Period	Actual	Target
2013-15	A3		
	A3	8	9
	A2		
	A2		
	A2		
	A2	1	
	A1		
	A1		

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 002518 - Number of Geographic Response Plans completed for inland spill response.

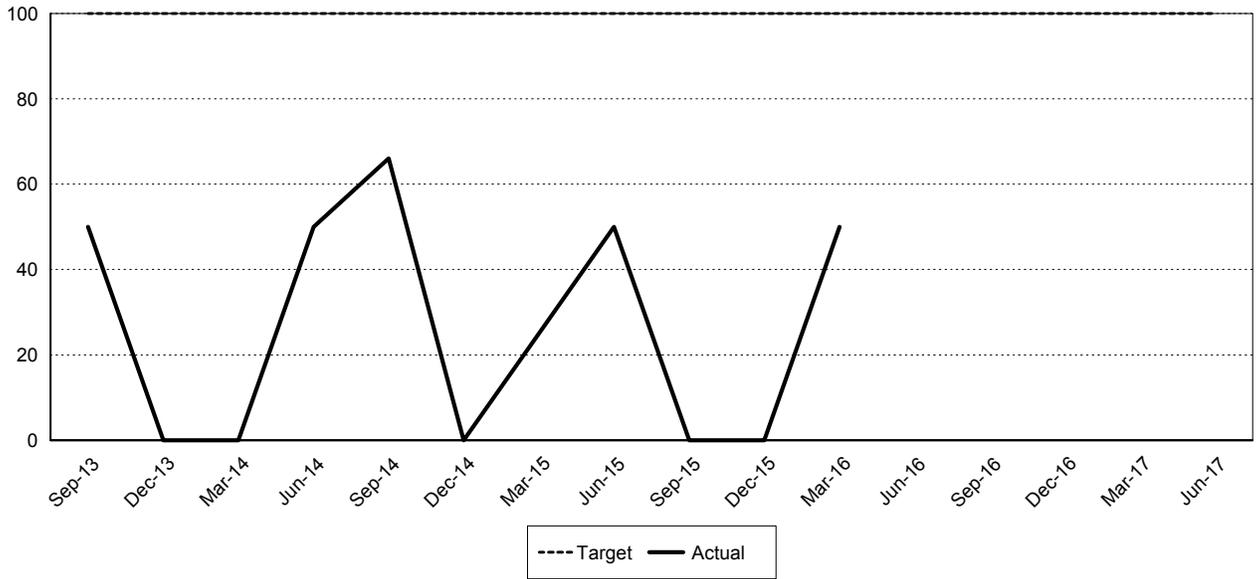


002520 Percentage of vessel emergencies, defined as a substantial threat of pollution originating from a covered vessel, including a loss or serious degradation of propulsion, steering, means of navigation, electrical generating capability and seakeeping capability, reported to Department of Ecology.

Biennium	Period	Actual	Target
2015-17	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3	50%	100%
	Q2	0%	100%
	Q1	0%	100%
2013-15	Q8	50%	100%
	Q7	25%	100%
	Q6	0%	100%
	Q5	66%	100%
	Q4	50%	100%
	Q3	0%	100%
	Q2	0%	100%
	Q1	50%	100%

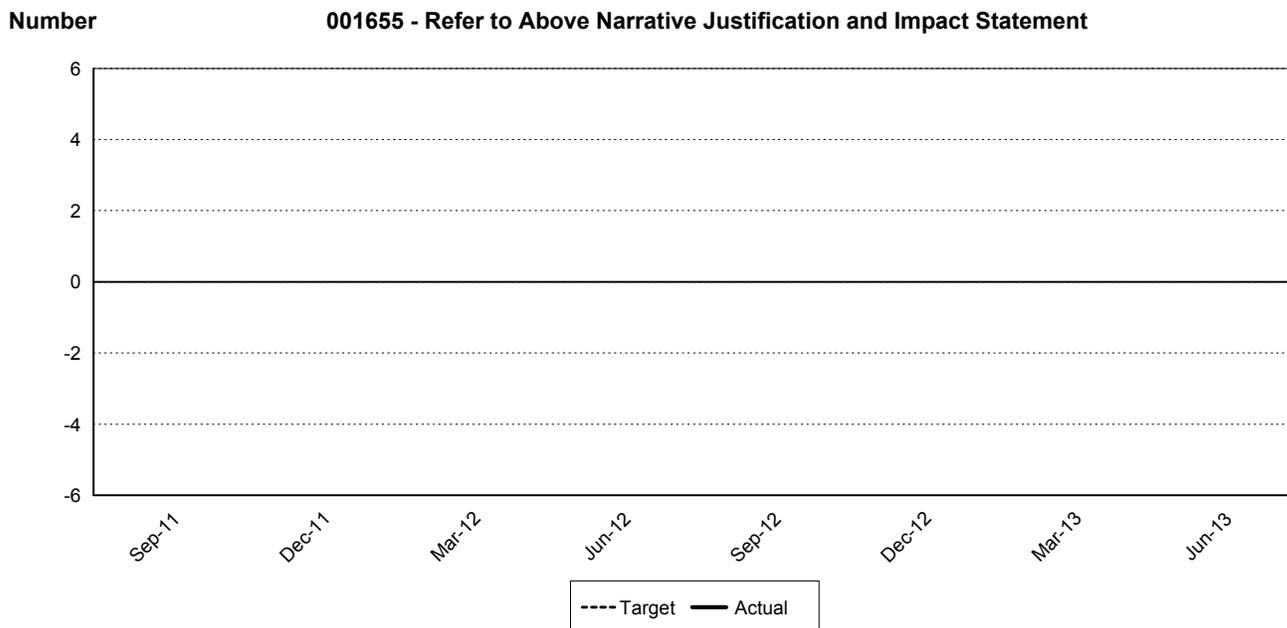
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Percent **002520 - Percentage of vessel emergency occurrences reported to Ecology.**



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

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

Facilities that treat, store or dispose of large volumes of dangerous waste must obtain a permit to ensure that their design, construction, maintenance, and operating procedures protect public health and the environment. Washington currently has 14 active facilities that are either in "interim status" or have a final permit. Because these facilities handle such a large volume of dangerous waste they are inspected annually. They are required to have closure plans to effectively deal with the end of their waste management activities. Ecology is currently working on 20 high-priority corrective action clean-up sites. Ecology also ensures that proper financial assurance requirements are in place at all used oil processors and recyclers and facilities treating, storing, or disposing of dangerous wastes.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	19.6	18.7	19.2
19G Environmental Legacy Stewardship Account			
19G-1 State	\$336,000	\$339,000	\$675,000
001 General Fund			
001-2 Federal	\$914,000	\$816,000	\$1,730,000
001-7 Private/Local	\$243,000	\$288,000	\$531,000
001 Account Total	\$1,157,000	\$1,104,000	\$2,261,000
173 State Toxics Control Account			
173-1 State	\$1,162,000	\$1,196,000	\$2,358,000

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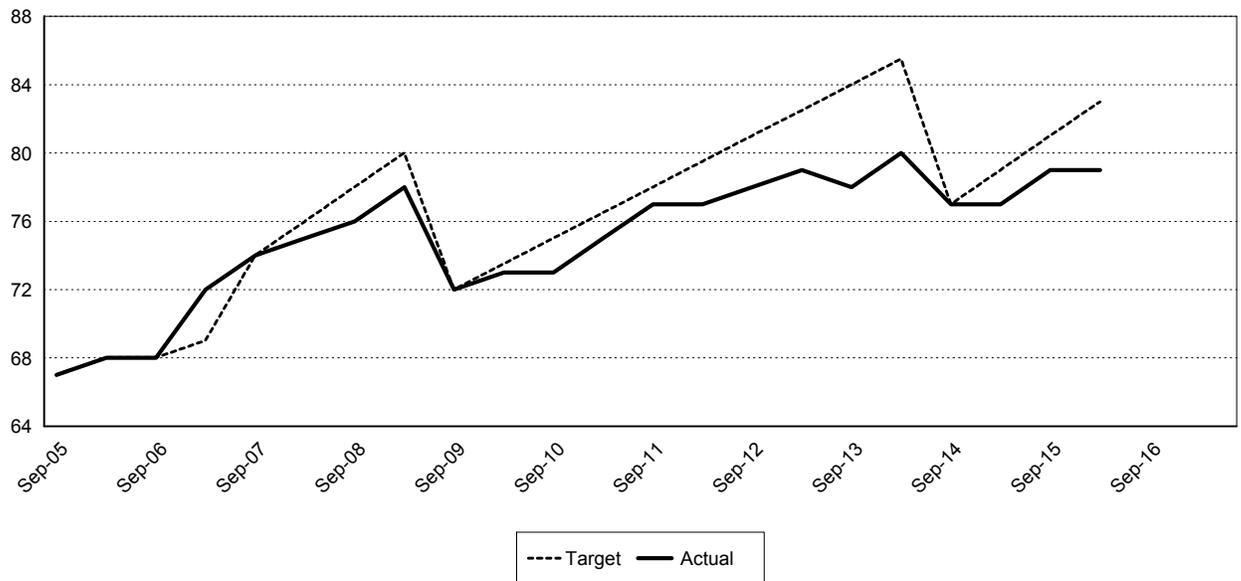
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

Facilities that treat, store, or dispose of dangerous wastes are constructed and operated to prevent soil, water, or air contamination. This is accomplished through: striving to meet EPA's cleanup goals for protecting human health, controlling migration of contaminated groundwater, and sites reaching “remedy construction complete”; and issuing high priority permit modifications to address health and safety issues or improve environmental outcomes.

001285 Semi-annual progress toward completed corrective action at 39 priority facilities. Corrective action is the clean up of contamination at hazardous waste treatment, storage and disposal (TSD) facilities.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	79%	83%
	Q2		
	Q1	79%	81%
2013-15	Q8		
	Q7	77%	79%
	Q6		
	Q5	77%	77%
	Q4		
	Q3	80%	85.5%
	Q2		
	Q1	78%	84%
2011-13	Q8		
	Q7	79%	82.5%
	Q6		
	Q5	78%	81%
	Q4		
	Q3	77%	79.5%
	Q2		
	Q1	77%	78%

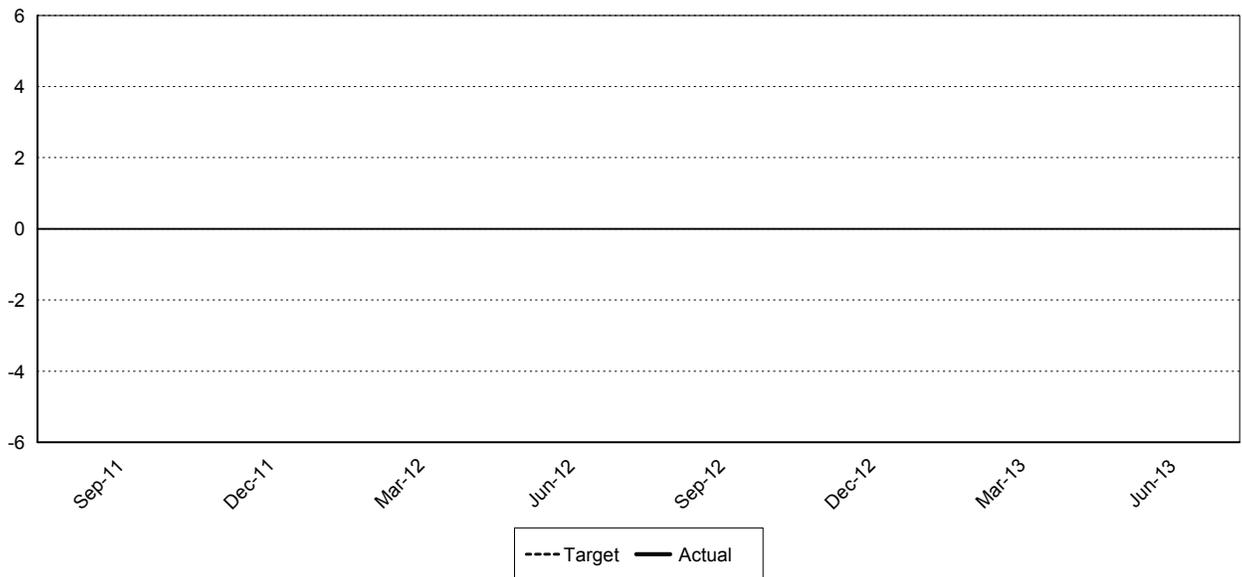
Percent **001285 - Percent progress toward completed corrective action at 39 priority facilities**



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

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Number 001655 - Refer to Above Narrative Justification and Impact Statement



A032 Prevent Point Source Water Pollution

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	89.1	88.9	89.0
19G Environmental Legacy Stewardship Account			
19G-1 State	\$170,000	\$172,000	\$342,000
001 General Fund			
001-2 Federal	\$518,000	\$505,000	\$1,023,000
001-7 Private/Local	\$431,000	\$437,000	\$868,000
001 Account Total	\$949,000	\$942,000	\$1,891,000
173 State Toxics Control Account			
173-1 State	\$234,000	\$215,000	\$449,000
176 Water Quality Permit Account			
176-1 State	\$9,770,000	\$9,670,000	\$19,440,000

Statewide Result Area: Sustainable Energy and a Clean Environment

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Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

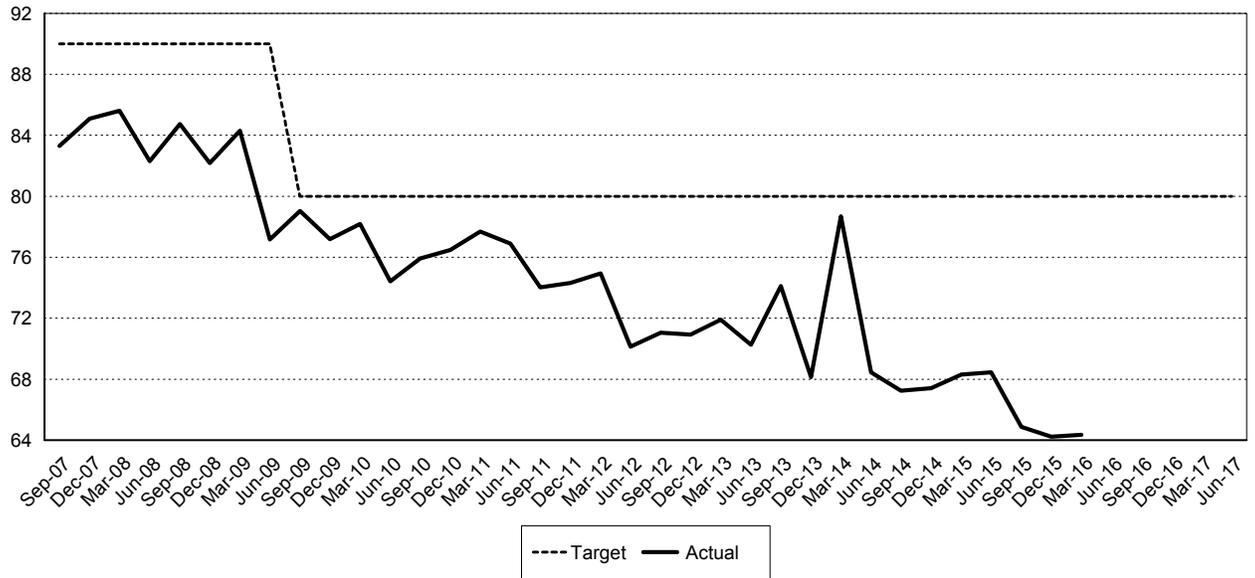
Expected Results

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

001563 Percent of active water quality discharge permits (national pollutant discharge elimination system permits) that are up to date.			
Biennium	Period	Actual	Target
2015-17	Q8		80%
	Q7		80%
	Q6		80%
	Q5		80%
	Q4		80%
	Q3	64.36%	80%
	Q2	64.22%	80%
	Q1	64.88%	80%
2013-15	Q8	68.46%	80%
	Q7	68.3%	80%
	Q6	67.4%	80%
	Q5	67.24%	80%
	Q4	68.45%	80%
	Q3	78.69%	80%
	Q2	68.14%	80%
	Q1	74.1%	80%
2011-13	Q8	70.26%	80%
	Q7	71.9%	80%
	Q6	70.93%	80%
	Q5	71.06%	80%
	Q4	70.14%	80%
	Q3	74.94%	80%
	Q2	74.31%	80%
	Q1	74.02%	80%

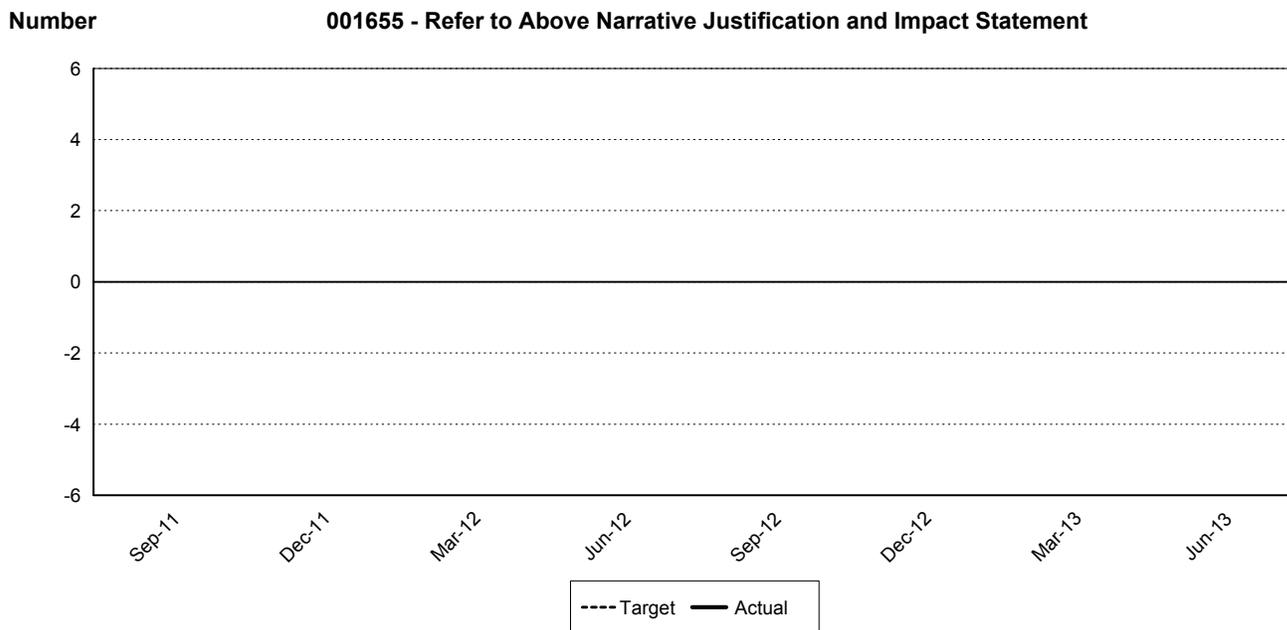
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Percent **001563 - Percent of active water quality discharge permits (national pollutant discharge elimination system p**



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

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A033 Prevent Oil Spills from Vessels and Oil Handling Facilities

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	23.8	21.0	22.4
001 General Fund			
001-7 Private/Local	\$56,000	\$56,000	\$112,000
217 Oil Spill Prevention Account			
217-1 State	\$2,195,000	\$1,830,000	\$4,025,000
173 State Toxics Control Account			
173-1 State	\$1,210,000	\$1,263,000	\$2,473,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

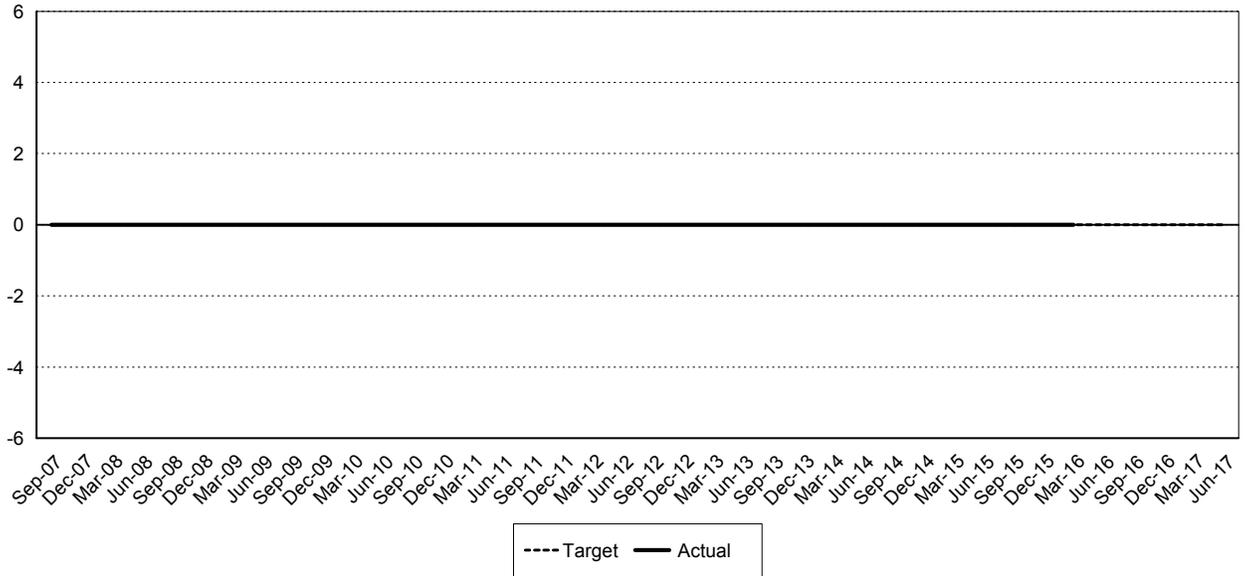
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

001479 Gallons of oil spilled during oil transfers for every 100 millions of gallons transferred.					
Biennium	Period	Ratio	Actual	Target	
2015-17	Q8	/			0
	Q7	/			0
	Q6	/			0
	Q5	/			0
	Q4	/			0
	Q3	44.6 / 2,570,000,000	0.0	0	
	Q2	18.6 / 2,680,000,000	0.0	0	
	Q1	9.6 / 2,810,000,000	0.0	0	
2013-15	Q8	61 / 2,430,000,000	0.0	0	
	Q7	64 / 2,390,000,000	0.0	0	
	Q6	12 / 2,620,000,000	0.0	0	
	Q5	126 / 2,820,000,000	0.0	0	
	Q4	66 / 2,940,000,000	0.0	0	
	Q3	96 / 2,930,000,000	0.0	0	
	Q2	3 / 3,410,000,000	0.0	0	
	Q1	148 / 3,290,000,000	0.0	0	
2011-13	Q8	69 / 2,950,000,000	0.0	0	
	Q7	42.56 / 3,080,000,000	0.0	0	
	Q6	2.8 / 3,040,000,000	0.0	0	
	Q5	1.6 / 3,559,000,000	0.0	0	
	Q4	0.7 / 2,858,000,000	0.0	0	
	Q3	1 / 2,833,000,000	0.0	0	
	Q2	5 / 3,230,000,000	0.0	0	
	Q1	23 / 3,400,000,000	0.0	0	

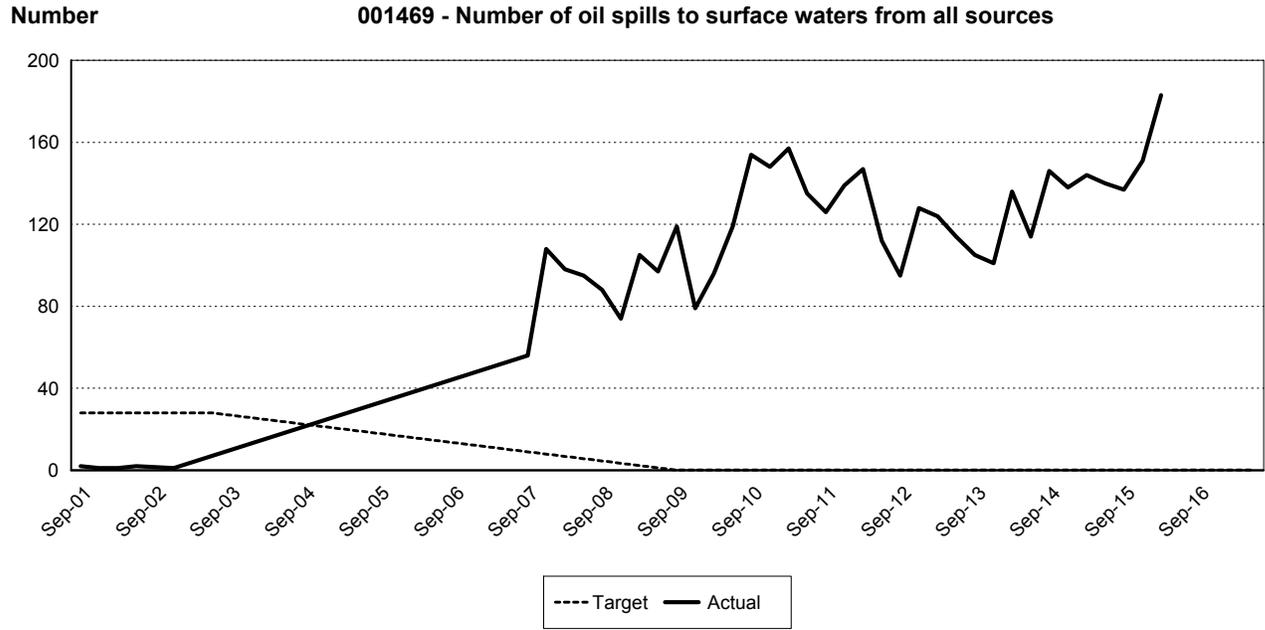
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Number 001479 - Gallons of oil spilled to surface water during a transfer for every 100 million gallons transferred.



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001469 Number of spills to surface water from all sources.			
Biennium	Period	Actual	Target
2015-17	Q8		0
	Q7		0
	Q6		0
	Q5		0
	Q4		0
	Q3	183	0
	Q2	151	0
	Q1	137	0
2013-15	Q8	140	0
	Q7	144	0
	Q6	138	0
	Q5	146	0
	Q4	114	0
	Q3	136	0
	Q2	101	0
	Q1	105	0
2011-13	Q8	114	0
	Q7	124	0
	Q6	128	0
	Q5	95	0
	Q4	112	0
	Q3	147	0
	Q2	139	0
	Q1	126	0

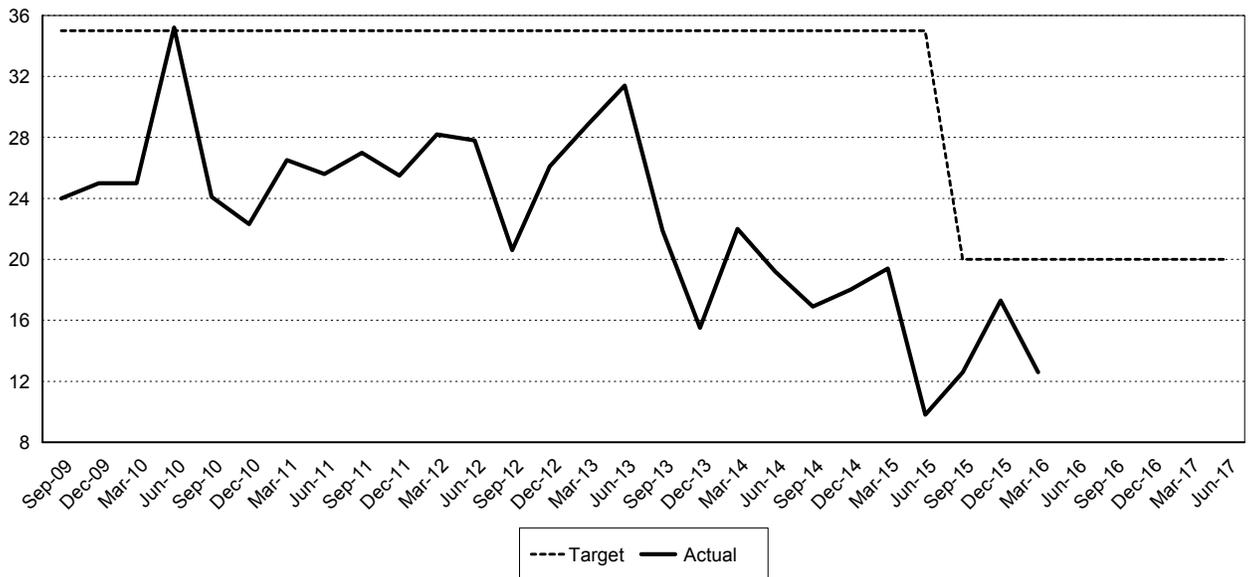


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001477 Percent of potential high-risk vessels boarded and inspected.			
Biennium	Period	Actual	Target
2015-17	Q8		20%
	Q7		20%
	Q6		20%
	Q5		20%
	Q4		20%
	Q3	12.6%	20%
	Q2	17.3%	20%
	Q1	12.6%	20%
2013-15	Q8	9.8%	35%
	Q7	19.4%	35%
	Q6	18%	35%
	Q5	16.9%	35%
	Q4	19.2%	35%
	Q3	22%	35%
	Q2	15.5%	35%
	Q1	21.9%	35%
2011-13	Q8	31.4%	35%
	Q7	28.8%	35%
	Q6	26.1%	35%
	Q5	20.6%	35%
	Q4	27.8%	35%
	Q3	28.2%	35%
	Q2	25.5%	35%
	Q1	27%	35%

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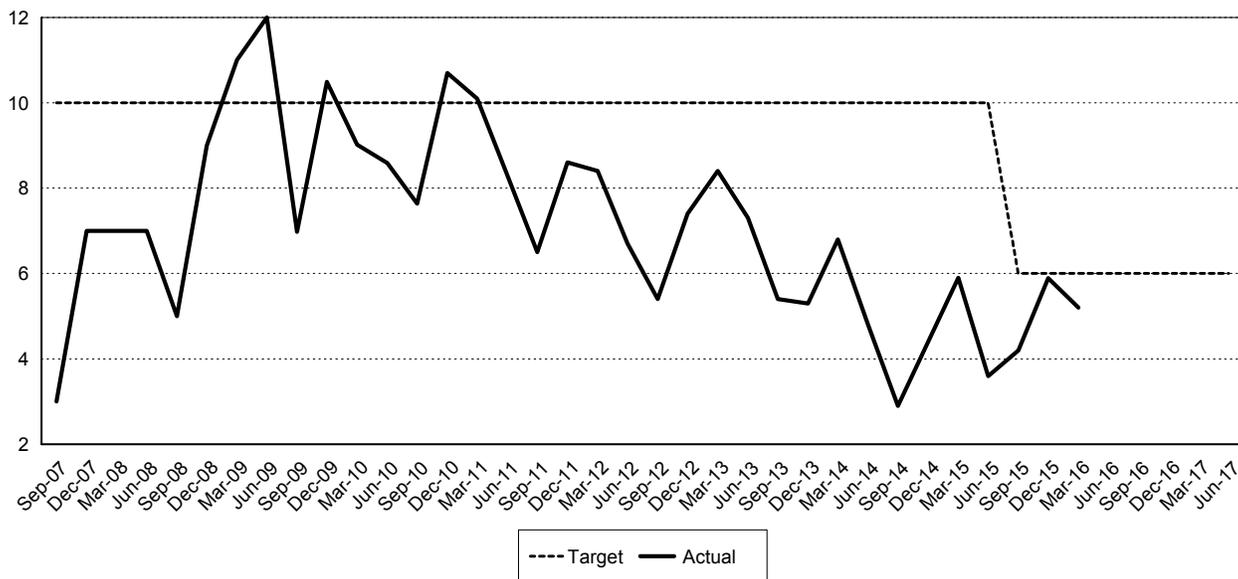
Percent 001477 - Percent of potential high-risk vessels boarded and inspected



001480 Percent of marine oil operations inspected.			
Biennium	Period	Actual	Target
2015-17	Q8		6%
	Q7		6%
	Q6		6%
	Q5		6%
	Q4		6%
	Q3	5.2%	6%
	Q2	5.89%	6%
	Q1	4.2%	6%
2013-15	Q8	3.6%	10%
	Q7	5.9%	10%
	Q6	4.4%	10%
	Q5	2.9%	10%
	Q4	4.8%	10%
	Q3	6.8%	10%
	Q2	5.3%	10%
	Q1	5.4%	10%
2011-13	Q8	7.3%	10%
	Q7	8.4%	10%
	Q6	7.4%	10%
	Q5	5.4%	10%
	Q4	6.7%	10%
	Q3	8.4%	10%
	Q2	8.6%	10%
	Q1	6.5%	10%

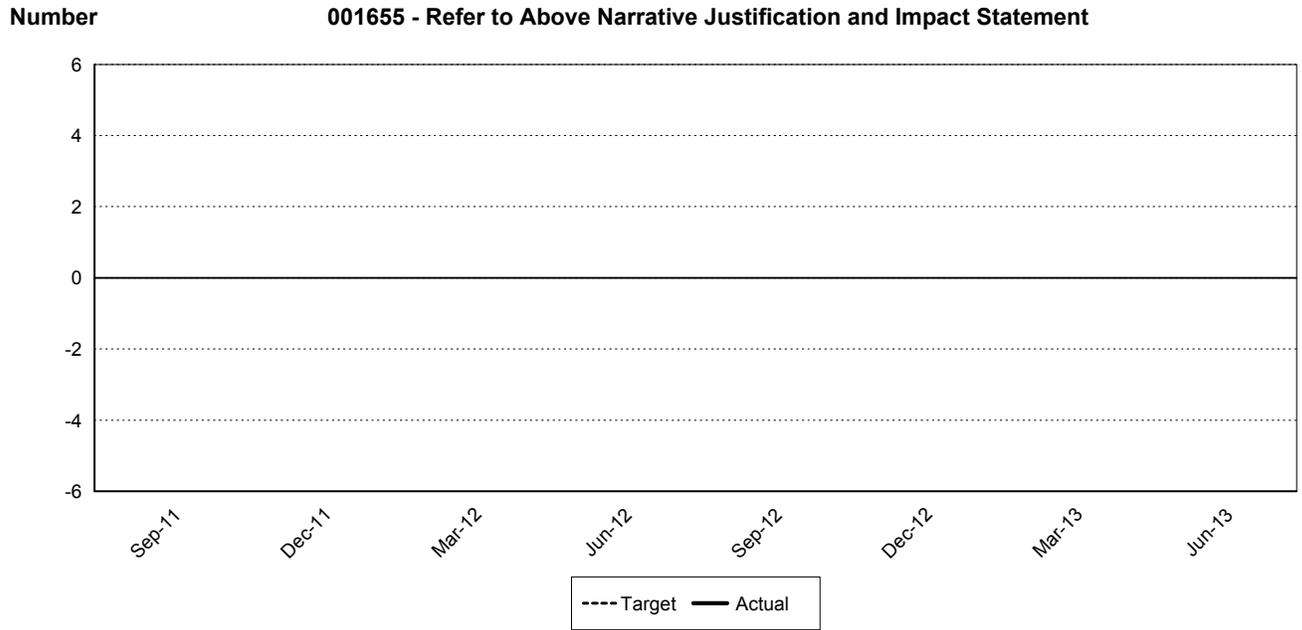
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Percent 001480 - Percent of regulated marine oil transfer operations inspected



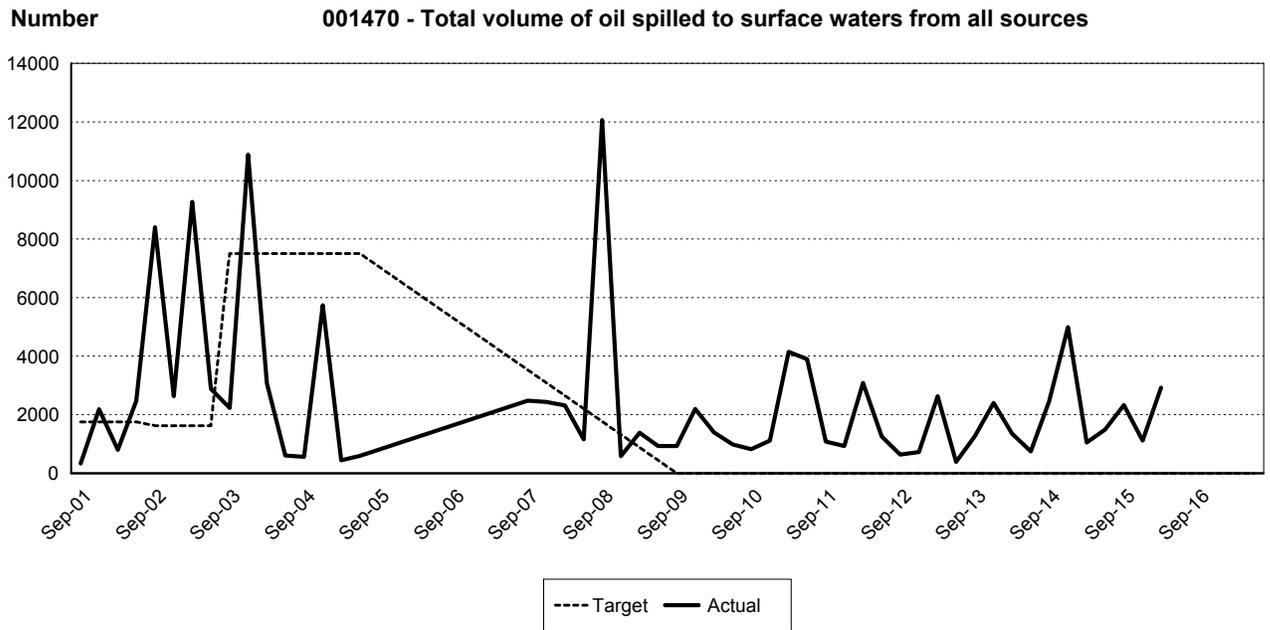
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

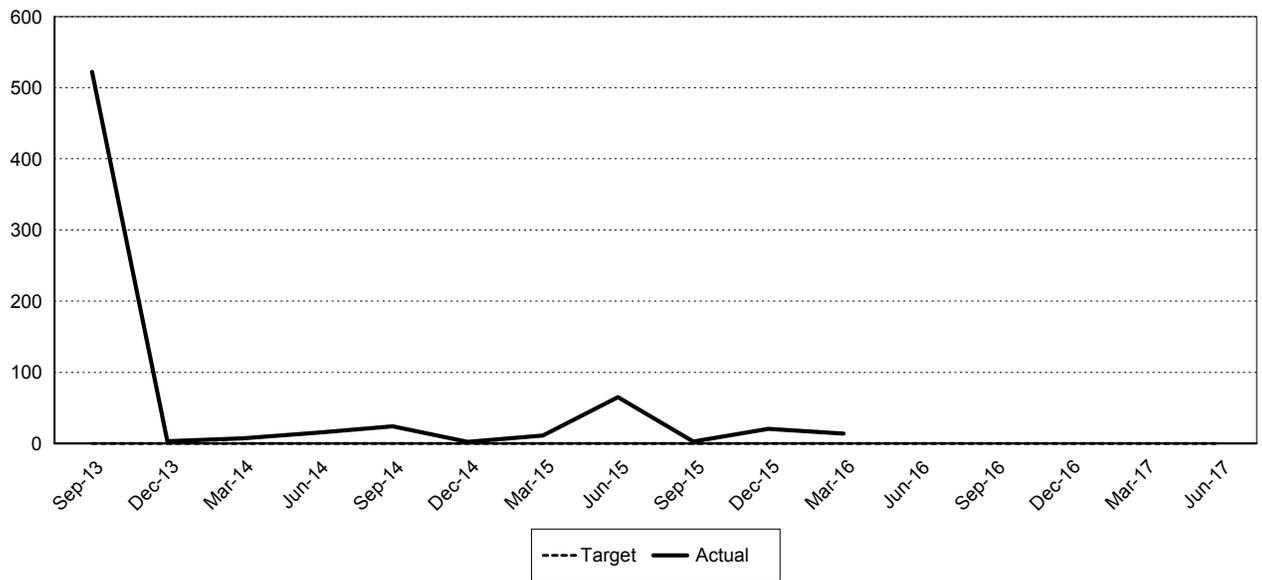
001470 Total volume of oil spilled to surface waters from all sources.			
Biennium	Period	Actual	Target
2015-17	Q8		0
	Q7		0
	Q6		0
	Q5		0
	Q4		0
	Q3	2,918	0
	Q2	1,110.63	0
	Q1	2,325	0
2013-15	Q8	1,491.72	0
	Q7	1,044	0
	Q6	4,992	0
	Q5	2,464	0
	Q4	739	0
	Q3	1,348	0
	Q2	2,404	0
	Q1	1,265.3	0
2011-13	Q8	391	0
	Q7	2,627	0
	Q6	723	0
	Q5	633	0
	Q4	1,253	0
	Q3	3,086	0
	Q2	928	0
	Q1	1,082	0



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002515 Total volume of oil spilled to water from regulated facilities and vessels.			
Biennium	Period	Actual	Target
2015-17	Q8		0
	Q7		0
	Q6		0
	Q5		0
	Q4		0
	Q3	14	0
	Q2	20.5	0
	Q1	2.5	0
2013-15	Q8	65	0
	Q7	11	0
	Q6	2	0
	Q5	24	0
	Q4	15	0
	Q3	7	0
	Q2	3	0
	Q1	522.3	0

Number 002515 - Total volume of oil spilled to water from regulated facilities and vessels.



A034 Prevent Unhealthy Air and Violations of Air Quality Standards

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

Ecology issues permits and conducts inspections of new and existing industrial and commercial facilities that emit significant levels of air pollution. Permit and inspection programs are mandated either by federal or state clean air laws and are designed to be self supporting through fees to the degree allowed under law. Ecology provides technical assistance, permit application and processing guidance, interpretation of rules, pre application assistance, and permit review. Permits are conditioned and approved to ensure all federal and state laws are met, and that public health, air quality, and the environment are protected. Sources are inspected to ensure permit conditions are met and that on-going operations do not jeopardize public health. Ecology develops and modifies industrial source regulations to incorporate federal and state law changes, simplify and streamline permit requirements, and ensure public health protection. Ecology conducts compliance inspections, resolves complaints, and develops technical and policy direction on emerging industrial permit issues.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	25.7	25.5	25.6
216 Air Pollution Control Account			
216-1 State	\$321,000	\$321,000	\$642,000
19G Environmental Legacy Stewardship Account			
19G-1 State	\$806,000	\$801,000	\$1,607,000
001 General Fund			
001-2 Federal	\$2,705,000	\$2,730,000	\$5,435,000
173 State Toxics Control Account			
173-1 State	\$2,315,000	\$2,347,000	\$4,662,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

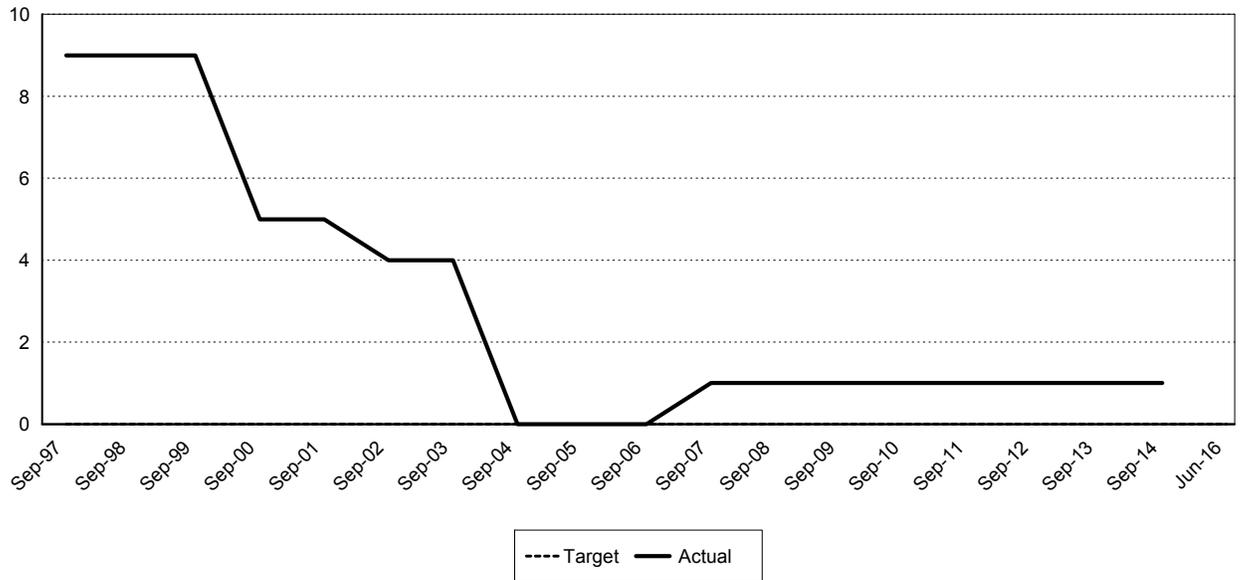
Expected Results

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Air quality standards in Washington are met throughout the state to minimize public health problems linked to unsafe air. Clean air, as classified and officially recognized by the Environmental Protection Agency, is attained and maintained, and federal sanctions are avoided. Violations of ambient air quality standards are prevented. State Implementation Plan strategies are implemented for areas out of compliance with federal air quality standards: Pierce County/Tacoma. Strategies are evaluated to help prevent areas from violating federal air quality standards in vulnerable and at risk communities. A focused program to reduce fine particle pollution in one central Washington community is implemented.

000998 Number of areas in Washington measuring air quality levels that are not in compliance with federal air quality standards.			
Biennium	Period	Actual	Target
2015-17	A3		0
	A2		0
2013-15	A3		
	A3		
	A2	1	0
	A1		
2011-13	A1	1	0
	A3		
2011-13	A3		
	A2	1	0
	A1		
	A1	1	0

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

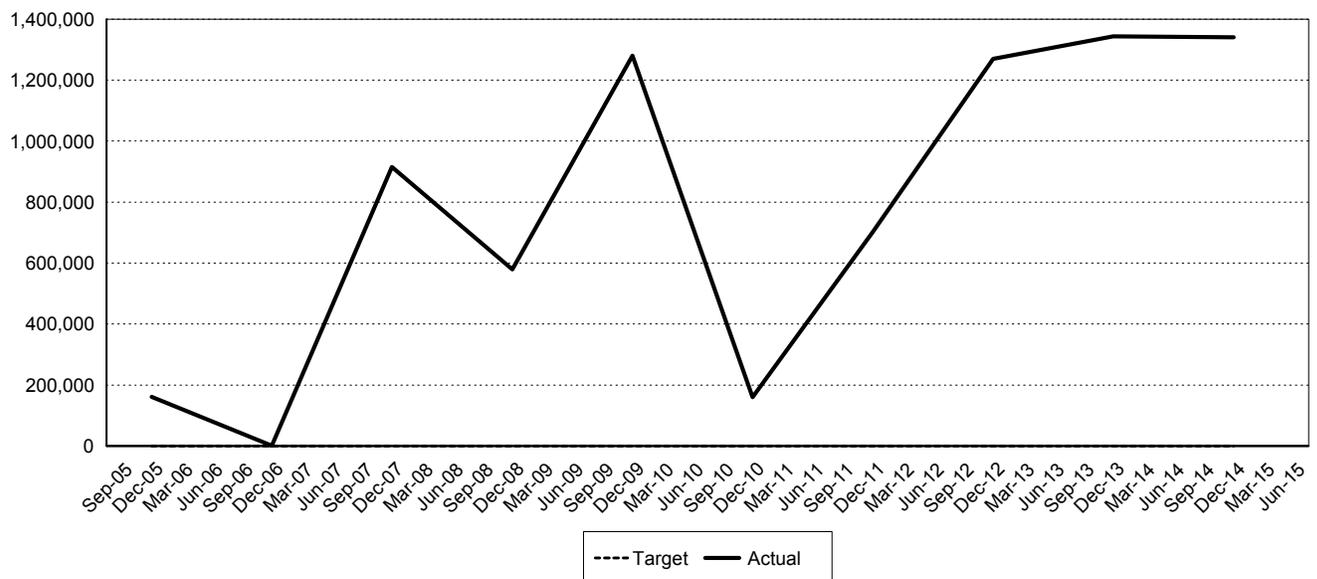


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001000 Number of citizens exposed to levels of pollution that exceed federal air quality standards in monitored areas. At present, the total Washington population in monitored areas is approximately 3,150,000 or ~ 45% of Washington's total population.

Biennium	Period	Actual	Target
2013-15	A3		
	A3		
	A2		
	A2		
	A2	1,340,900	0
	A1		
	A1	1,343,500	0
2011-13	A3		
	A3		
	A2		
	A2		
	A2	1,270,000	0
	A1		
	A1	703,000	0

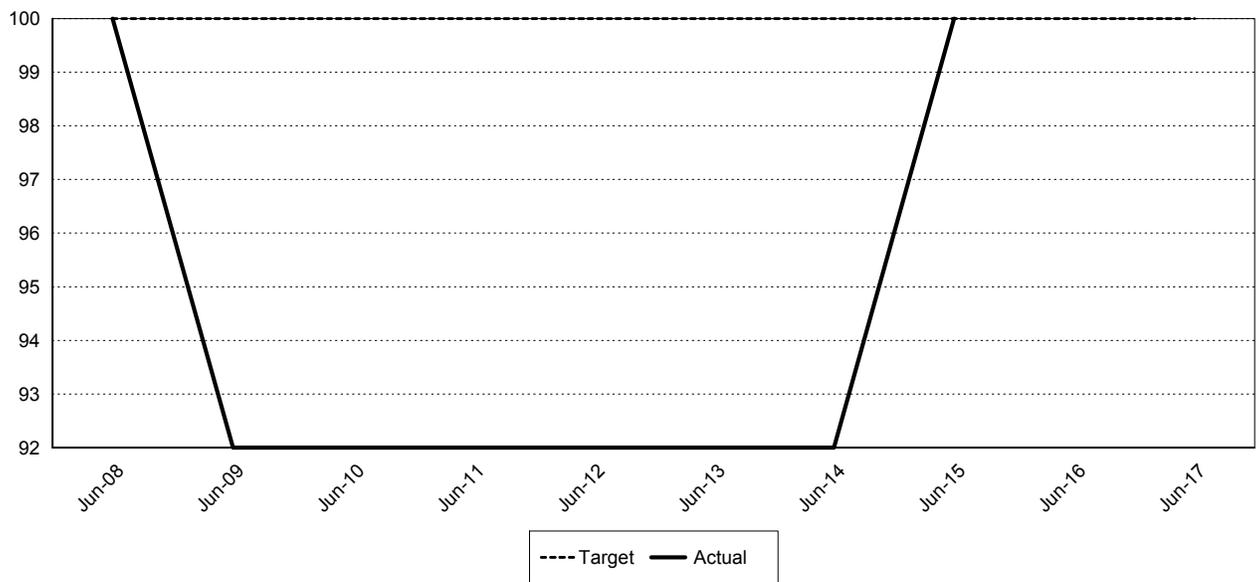
Number 001000 - Number of citizens exposed to levels of air pollution that exceed federal standards



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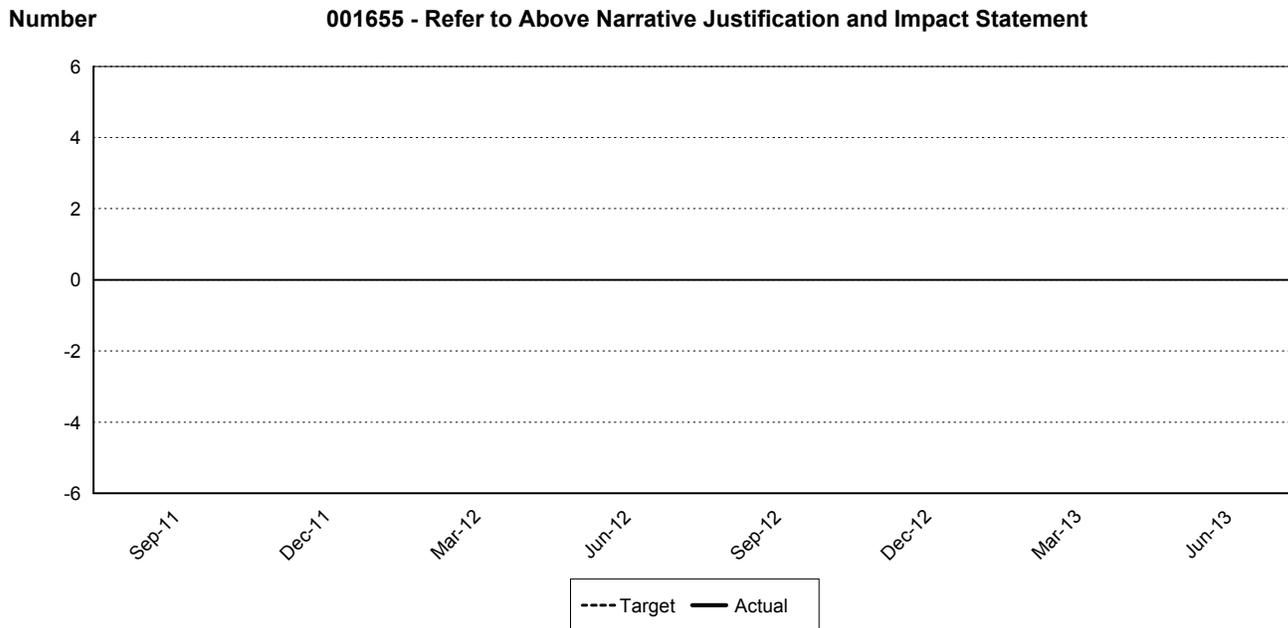
002762 The percentage of population living in areas that meet federal ambient air quality standards.			
Biennium	Period	Actual	Target
2015-17	A3		100%
	A2		100%
2013-15	A3	100%	100%
	A2	92%	100%
2011-13	A3	92%	100%
	A2	92%	100%

Percent **002762 - Percentage of population living where air quality meets federal standards**



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

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A035 Promote Compliance with Water Laws

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	12.5	12.6	12.6
001 General Fund			
001-1 State	\$1,428,000	\$1,545,000	\$2,973,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

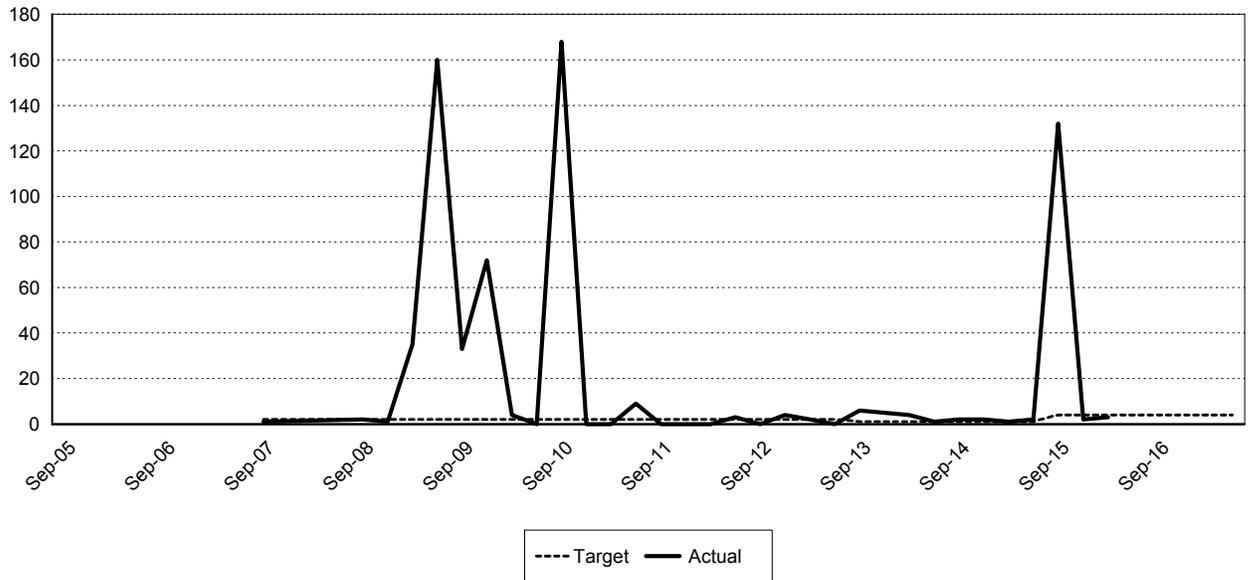
Expected Results

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

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001575 Number of formal enforcement actions (penalties, orders, and notices) taken to achieve compliance			
Biennium	Period	Actual	Target
2015-17	Q8		4
	Q7		4
	Q6		4
	Q5		4
	Q4		4
	Q3	3	4
	Q2	2	4
	Q1	132	4
2013-15	Q8	2	1
	Q7	1	1
	Q6	2	1
	Q5	2	1
	Q4	1	1
	Q3	4	1
	Q2	5	1
	Q1	6	1
2011-13	Q8	0	2
	Q7	2	2
	Q6	4	2
	Q5	0	2
	Q4	3	2
	Q3	0	2
	Q2	0	2
	Q1	0	2

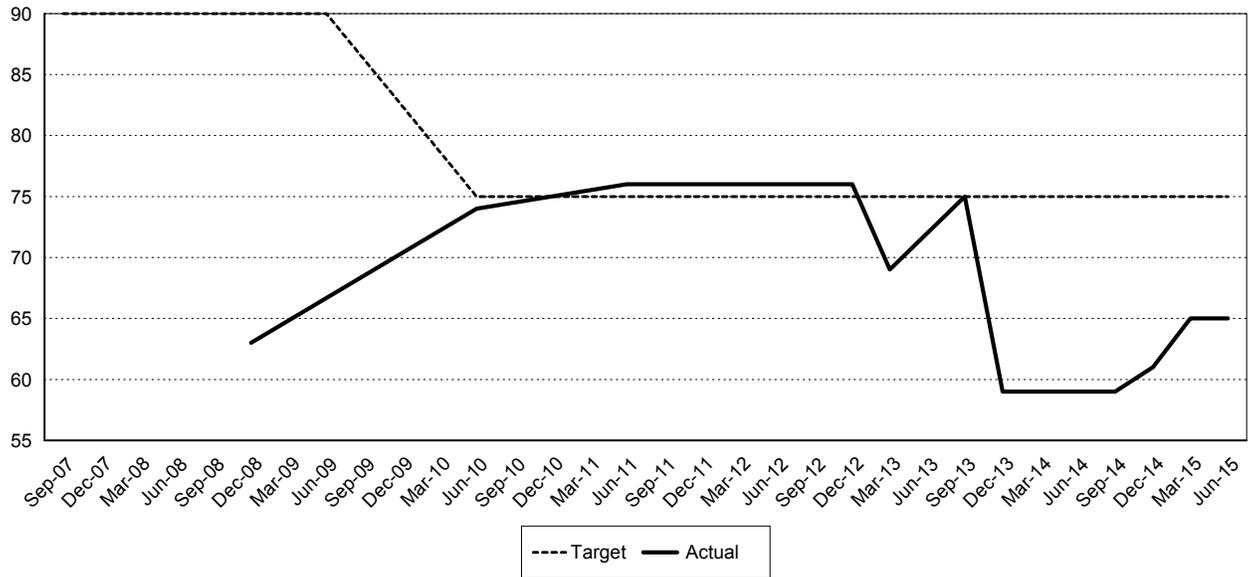
Number **001575 - Number of formal enforcement actions (penalties, orders, and notices) taken to achieve compliance**



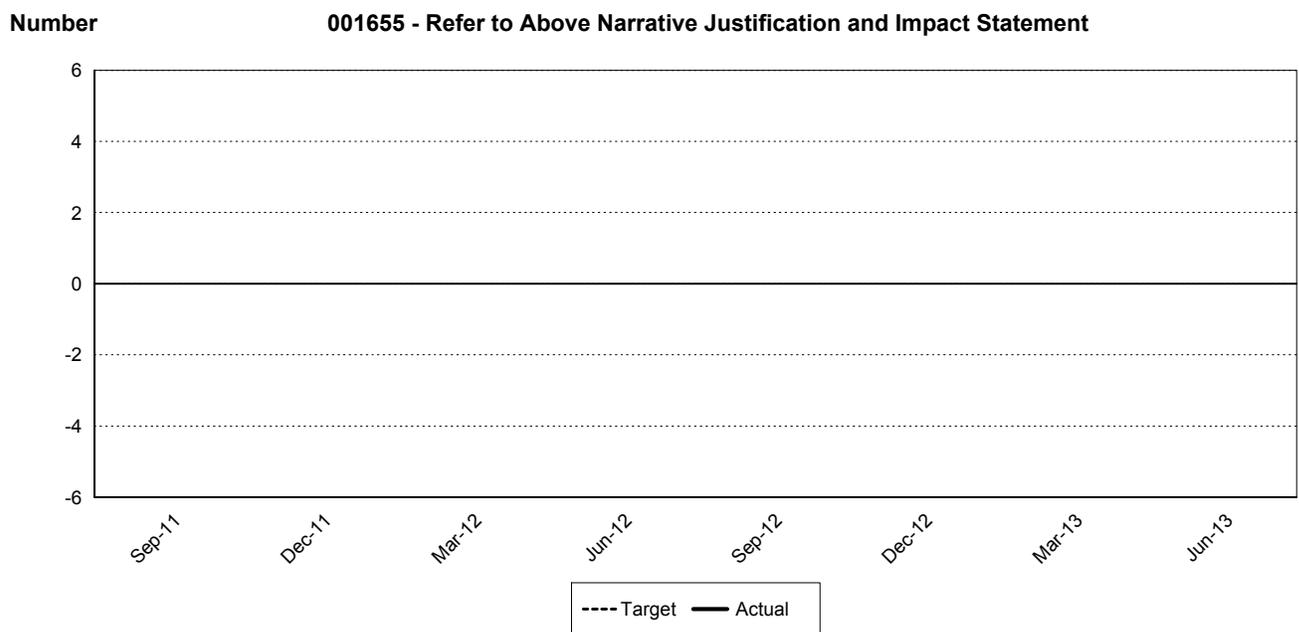
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001574 Percent of water use that is metered in 16 salmon critical basins.			
Biennium	Period	Actual	Target
2013-15	Q8	65%	75%
	Q7	65%	75%
	Q6	61%	75%
	Q5	59%	75%
	Q4	59%	75%
	Q3	59%	75%
	Q2	59%	75%
	Q1	75%	75%
2011-13	Q8	72%	75%
	Q7	69%	75%
	Q6	76%	75%
	Q5	76%	75%
	Q4	76%	75%
	Q3	76%	75%
	Q2	76%	75%
	Q1	76%	75%

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



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



A036 Protect and Manage Shorelines in Partnership with Local Governments

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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	30.3	30.1	30.2
19G Environmental Legacy Stewardship Account			
19G-1 State	\$2,660,000	\$2,027,000	\$4,687,000
001 General Fund			
001-2 Federal	\$1,693,000	\$1,677,000	\$3,370,000
001-7 Private/Local	\$60,000	\$46,000	\$106,000
001 Account Total	\$1,753,000	\$1,723,000	\$3,476,000
173 State Toxics Control Account			
173-1 State	\$902,000	\$1,007,000	\$1,909,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

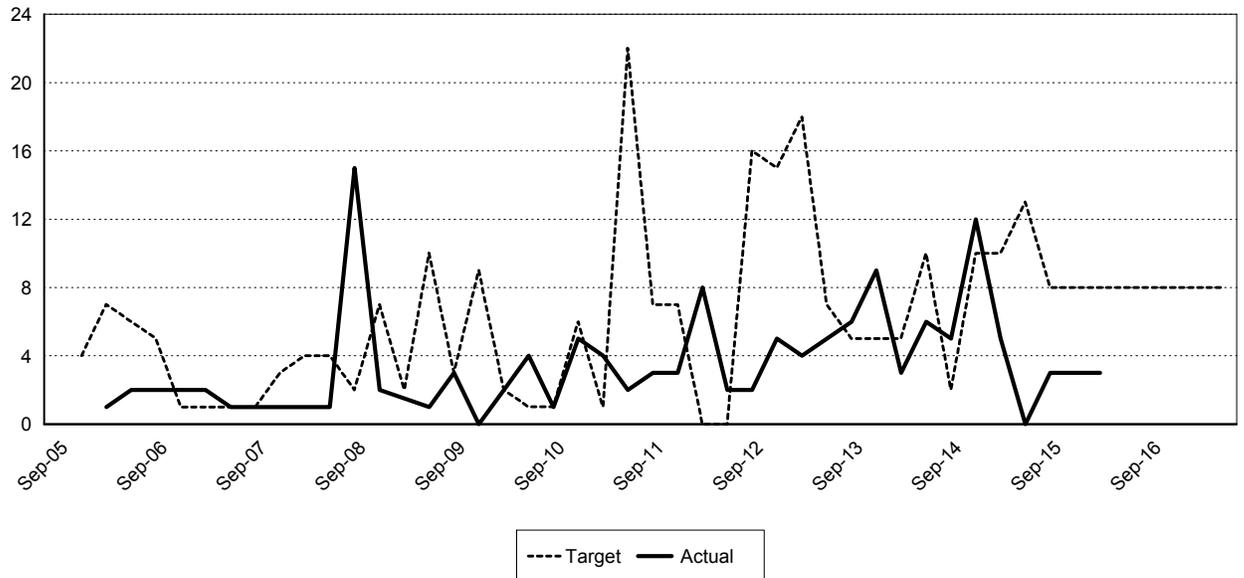
Expected Results

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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

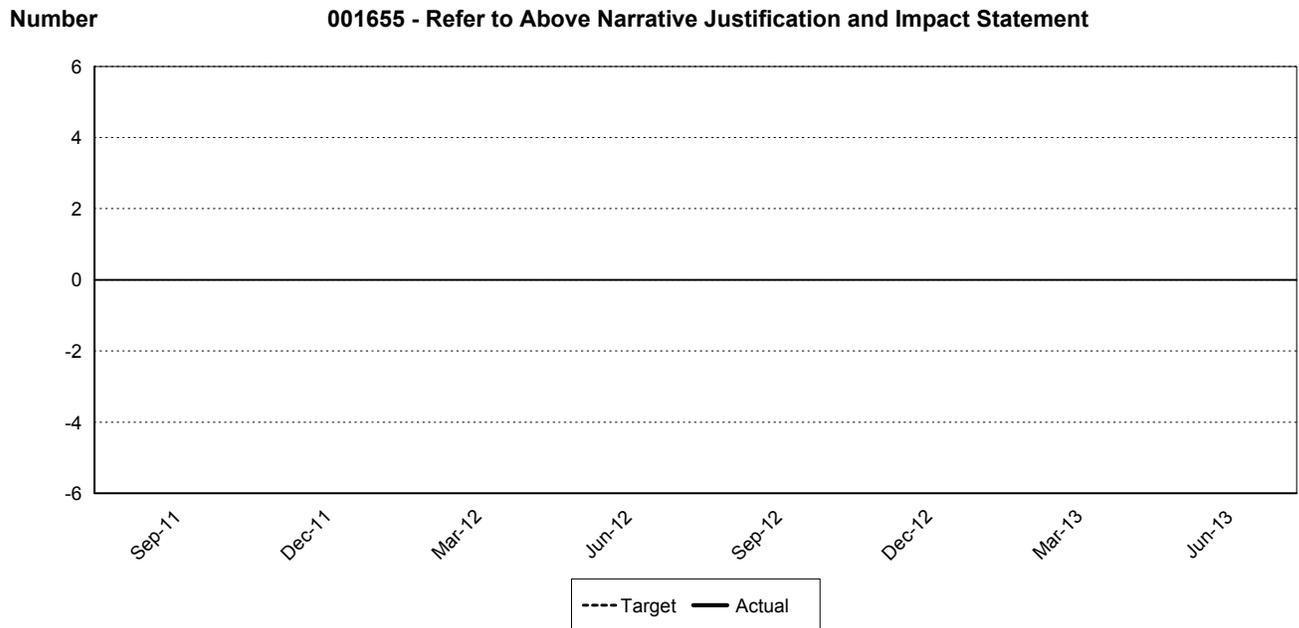
001453 Number of the communities (cities and counties) that have submitted updated Shoreline Master Plans.			
Biennium	Period	Actual	Target
2015-17	Q8		8
	Q7		8
	Q6		8
	Q5		8
	Q4		8
	Q3	3	8
	Q2	3	8
	Q1	3	8
2013-15	Q8	0	13
	Q7	5	10
	Q6	12	10
	Q5	5	2
	Q4	6	10
	Q3	3	5
	Q2	9	5
	Q1	6	5
2011-13	Q8		7
	Q7	4	18
	Q6	5	15
	Q5	2	16
	Q4	2	0
	Q3	8	0
	Q2	3	7
	Q1	3	7

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



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A037 Protect Water Quality by Reviewing and Conditioning Construction Projects

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	13.5	12.3	12.9
001 General Fund			
001-2 Federal	\$291,000	\$291,000	\$582,000
173 State Toxics Control Account			
173-1 State	\$1,111,000	\$1,157,000	\$2,268,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

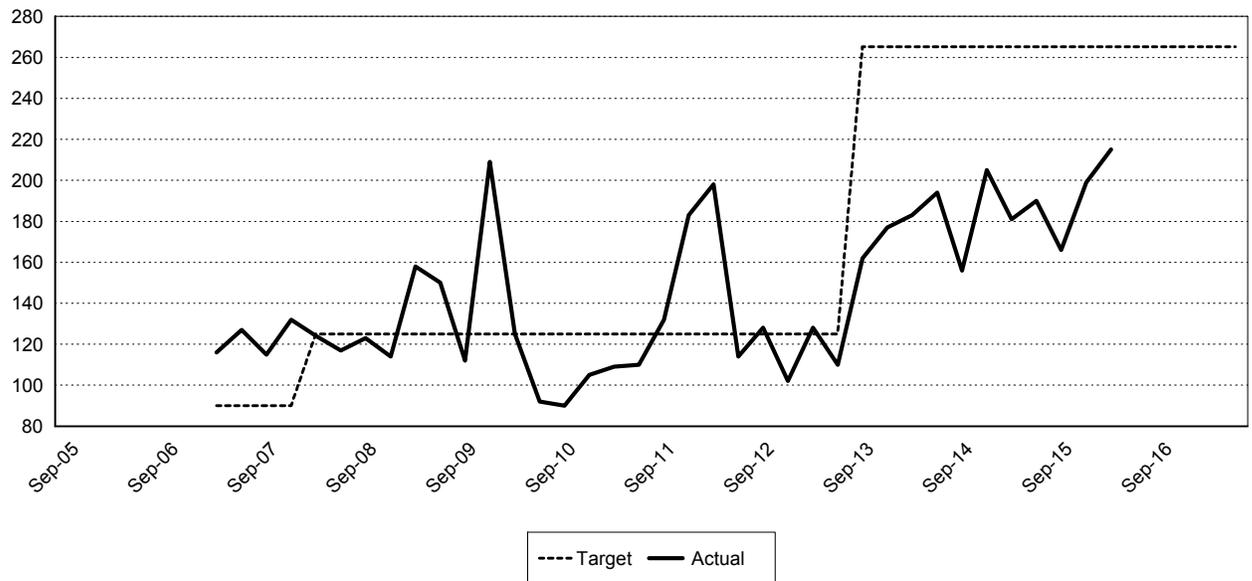
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

001456 The number of days it takes to make a final decision on 401 water quality certifications.			
Biennium	Period	Actual	Target
2015-17	Q8		265
	Q7		265
	Q6		265
	Q5		265
	Q4		265
	Q3	215	265
	Q2	199	265
	Q1	166	265
2013-15	Q8	190	265
	Q7	181	265
	Q6	205	265
	Q5	156	265
	Q4	194	265
	Q3	183	265
	Q2	177	265
	Q1	162	265
2011-13	Q8	110	125
	Q7	128	125
	Q6	102	125
	Q5	128	125
	Q4	114	125
	Q3	198	125
	Q2	183	125
	Q1	132	125

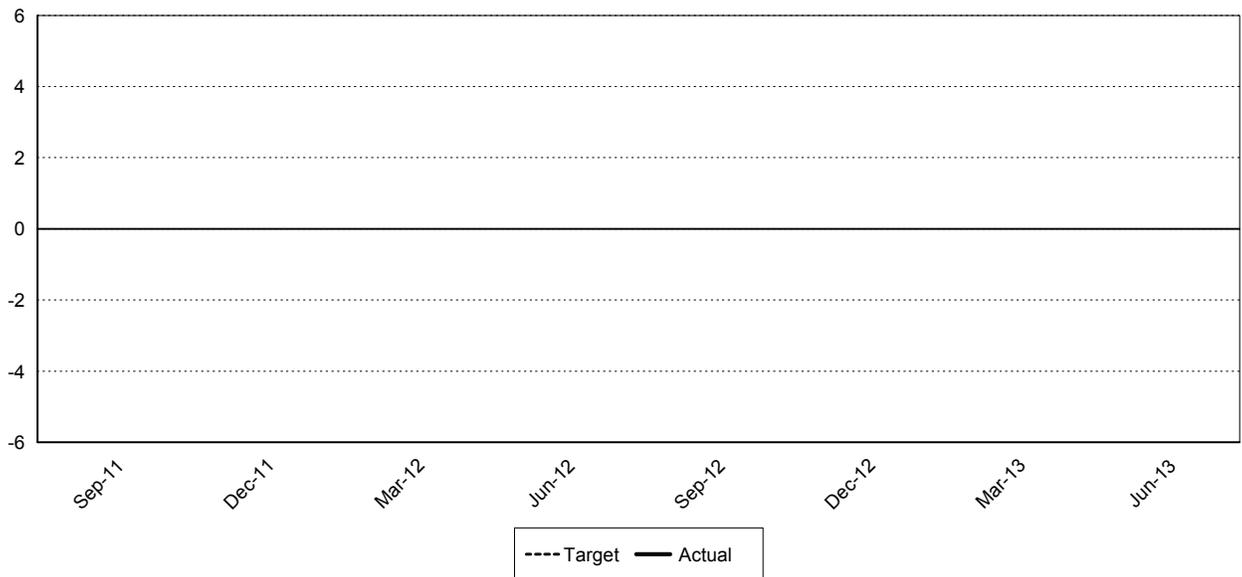
Number **001456 - Number of days it takes to make a final decision on 401 water quality certifications**



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A038 Protect, Restore, and Manage Wetlands

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	29.9	28.4	29.2
001 General Fund			
001-2 Federal	\$8,224,000	\$13,404,000	\$21,628,000
001-7 Private/Local	\$119,000	\$138,000	\$257,000
001 Account Total	\$8,343,000	\$13,542,000	\$21,885,000
173 State Toxics Control Account			
173-1 State	\$1,752,000	\$1,920,000	\$3,672,000

Program TRN - Department of Ecology-Transportation

Account	FY 2016	FY 2017	Biennial Total
108 Motor Vehicle Account			
108-1 State	\$0	\$121,000	\$121,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

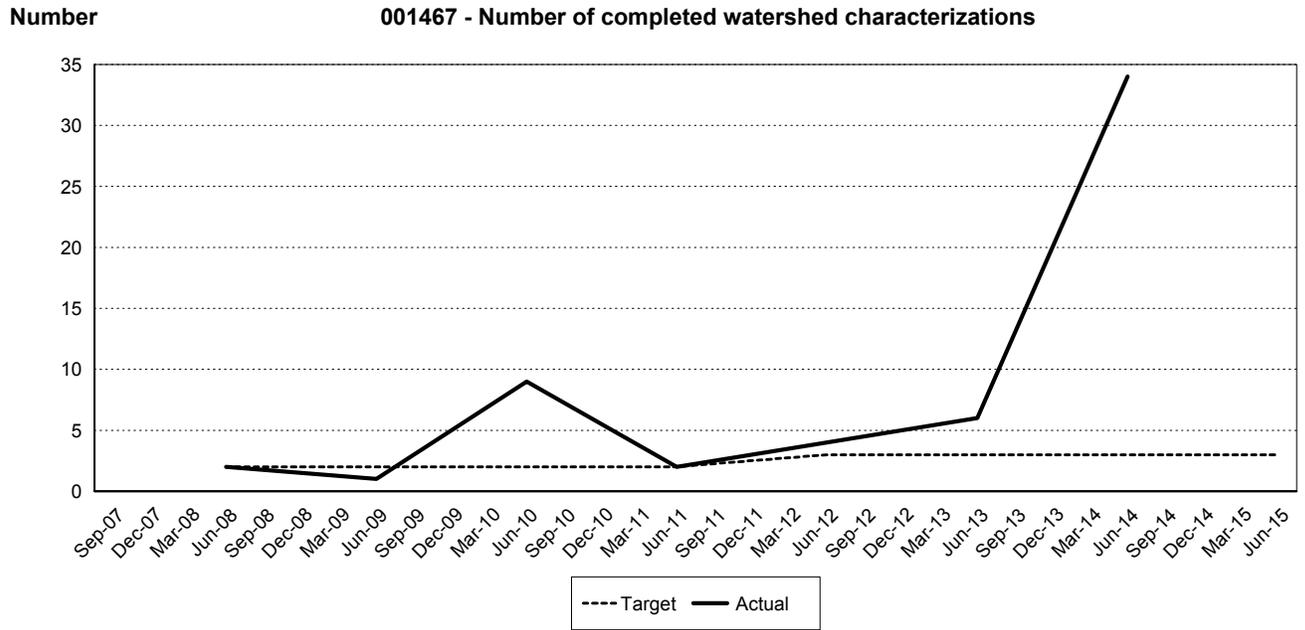
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

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

001467 Number of completed watershed characterizations.			
Biennium	Period	Actual	Target
2013-15	Q8		3
	Q7		
	Q6		
	Q5		
	Q4	34	3
	Q3		
	Q2		
	Q1		
2011-13	Q8	6	3
	Q7		
	Q6		
	Q5		
	Q4	4	3
	Q3		
	Q2		
	Q1		

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

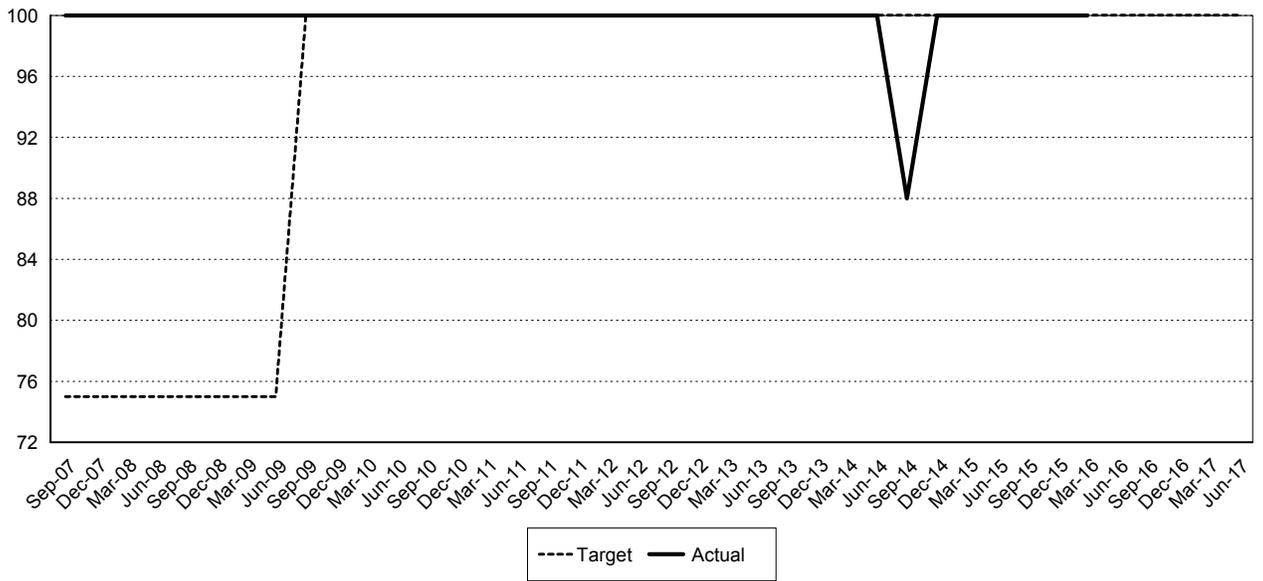


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001458 Percent of mitigation sites inspected within 18 months after receipt of as-built reports.			
Biennium	Period	Actual	Target
2015-17	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%
2013-15	Q8	100%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	88%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%
2011-13	Q8	100%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

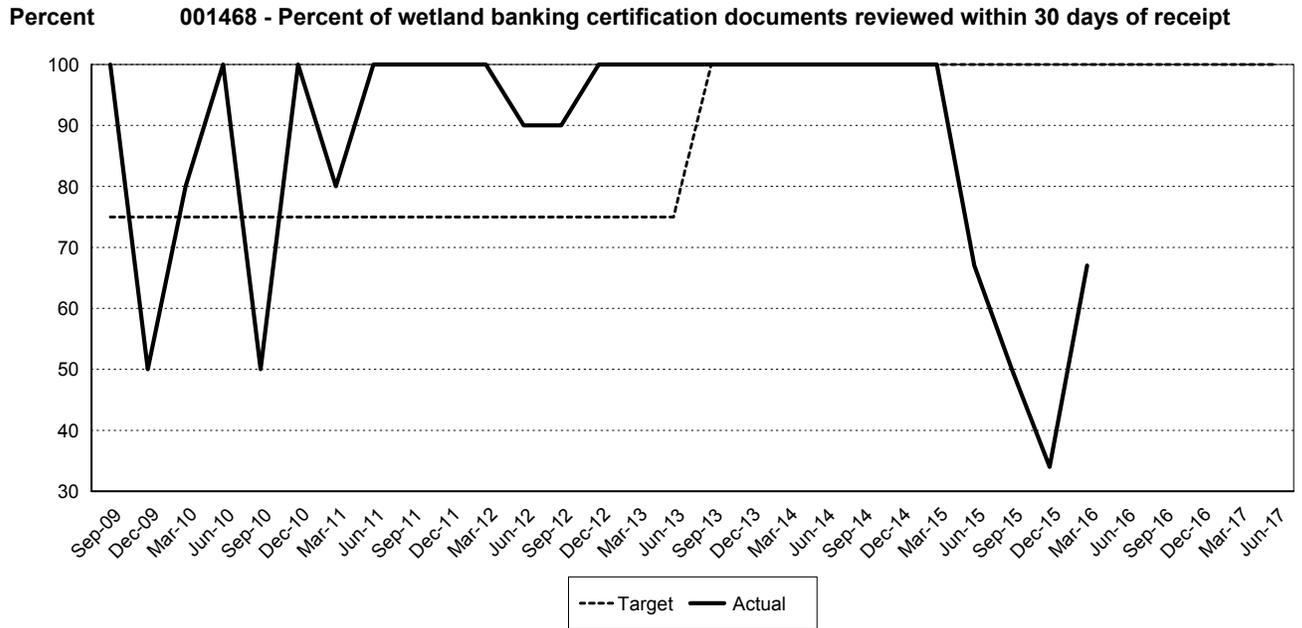
Percent 001458 - Percent of mitigation sites inspected within 18 months after receiving as-built reports



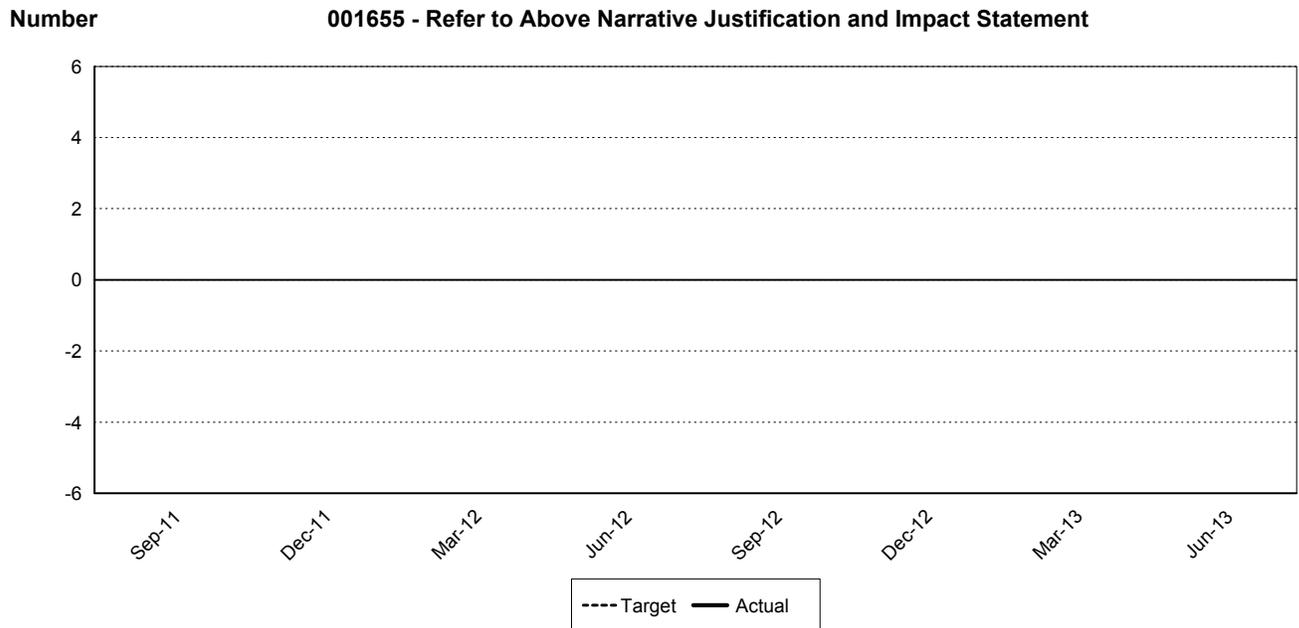
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001468 Percent of wetland banking certification documents reviewed within 30 days of receipt; except for Mitigation bank instruments which will be reviewed within 90 days.			
Biennium	Period	Actual	Target
2015-17	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3	67%	100%
	Q2	34%	100%
	Q1	50%	100%
2013-15	Q8	67%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%
2011-13	Q8	100%	75%
	Q7	100%	75%
	Q6	100%	75%
	Q5	90%	75%
	Q4	90%	75%
	Q3	100%	75%
	Q2	100%	75%
	Q1	100%	75%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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



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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	8.0	8.0	8.0
02P Flood Control Assistance Account			
02P-1 State	\$961,000	\$975,000	\$1,936,000
001 General Fund			
001-2 Federal	\$274,000	\$247,000	\$521,000
001-7 Private/Local	\$157,000	\$176,000	\$333,000
001 Account Total	\$431,000	\$423,000	\$854,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

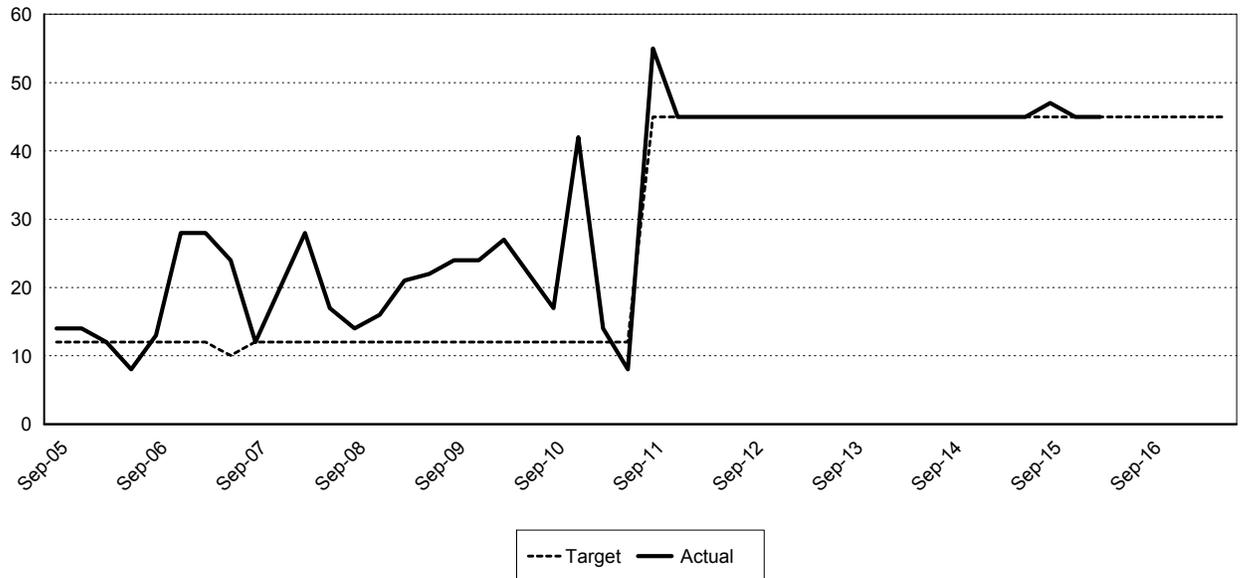
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

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

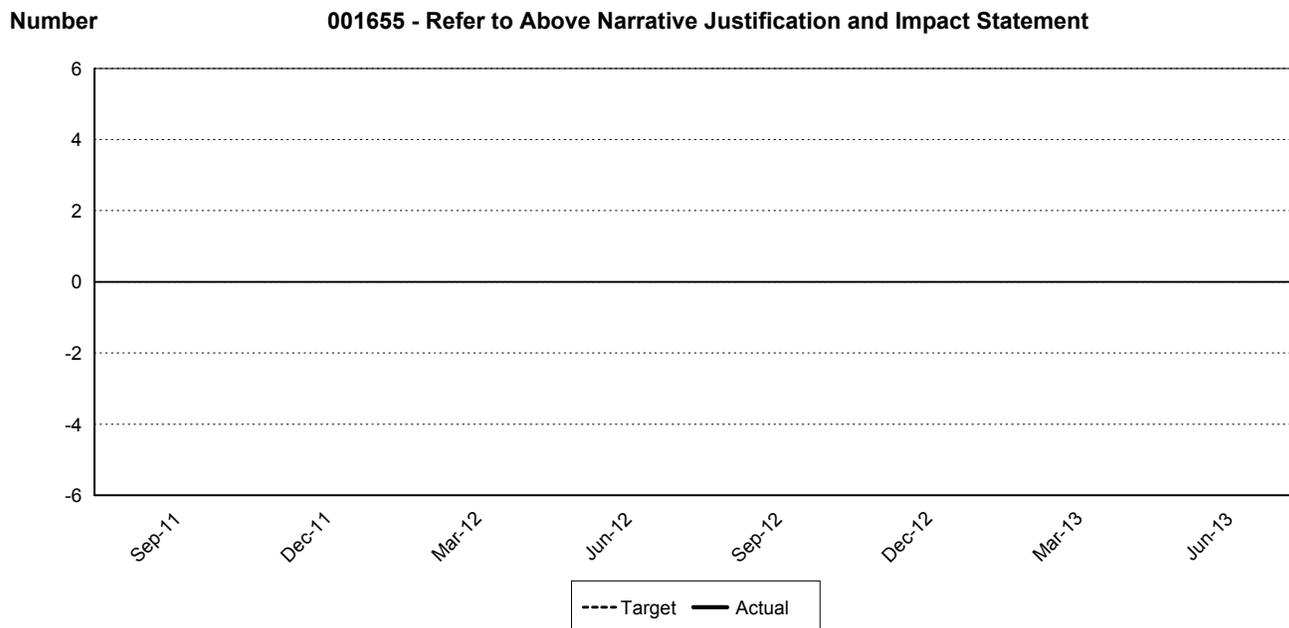
001455 Number of flood-prone communities receiving direct support on regulatory issues, flood hazard reduction, and the protection of floodplain functions and values.			
Biennium	Period	Actual	Target
2015-17	Q8		45
	Q7		45
	Q6		45
	Q5		45
	Q4		45
	Q3	45	45
	Q2	45	45
	Q1	47	45
2013-15	Q8	45	45
	Q7	45	45
	Q6	45	45
	Q5	45	45
	Q4	45	45
	Q3	45	45
	Q2	45	45
	Q1	45	45
2011-13	Q8	45	45
	Q7	45	45
	Q6	45	45
	Q5	45	45
	Q4	45	45
	Q3	45	45
	Q2	45	45
	Q1	55	45

Number 001455 - Number of flood-prone communities that receive support on flood hazard reduction and regulations



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	8.0	5.5	6.8
001 General Fund			
001-1 State	\$413,000	\$799,000	\$1,212,000
001-2 Federal	\$104,000	\$99,000	\$203,000
001 Account Total	\$517,000	\$898,000	\$1,415,000
173 State Toxics Control Account			
173-1 State	\$127,000	\$0	\$127,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

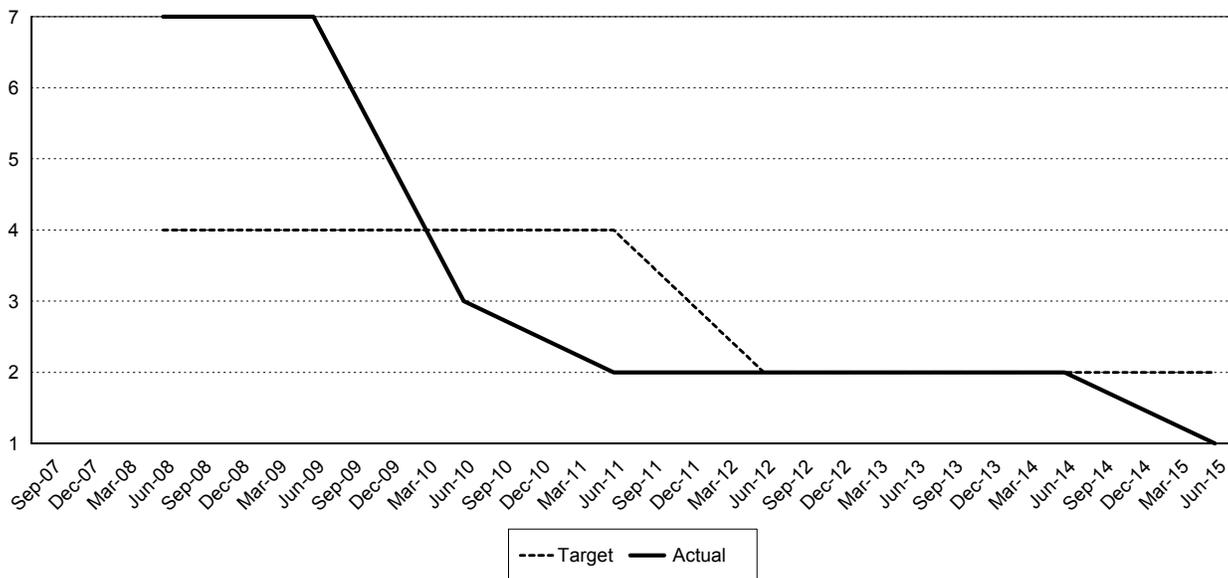
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

001463 Number of State Environmental Policy Act workshops provided.			
Biennium	Period	Actual	Target
2013-15	Q8	1	2
	Q7		
	Q6		
	Q5		
	Q4	2	2
	Q3		
	Q2		
	Q1		
2011-13	Q8	2	2
	Q7		
	Q6		
	Q5		
	Q4	2	2
	Q3		
	Q2		
	Q1		

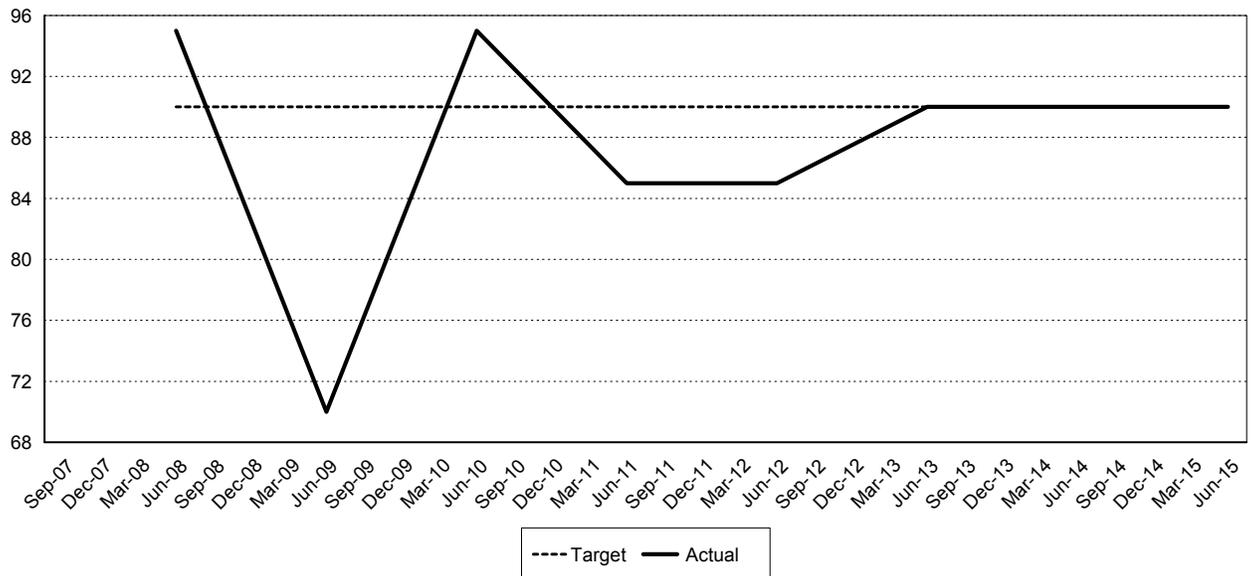
Number 001463 - Number of State Environmental Protection Act (SEPA) workshops provided



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001464 Percent of State Environmental Policy Act workshop participants who said they intend to apply what they learned in their work.			
Biennium	Period	Actual	Target
2013-15	Q8	90%	90%
	Q7		
	Q6		
	Q5		
	Q4	90%	90%
	Q3		
	Q2		
	Q1		
2011-13	Q8	90%	90%
	Q7		
	Q6		
	Q5		
	Q4	85%	90%
	Q3		
	Q2		
	Q1		

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



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	18.1	16.8	17.5
001 General Fund			
001-1 State	\$750,000	\$818,000	\$1,568,000
001-2 Federal	\$1,577,000	\$1,170,000	\$2,747,000
001-7 Private/Local	\$101,000	\$100,000	\$201,000
001 Account Total	\$2,428,000	\$2,088,000	\$4,516,000

Statewide Result Area: Sustainable Energy and a Clean Environment

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

Expected Results

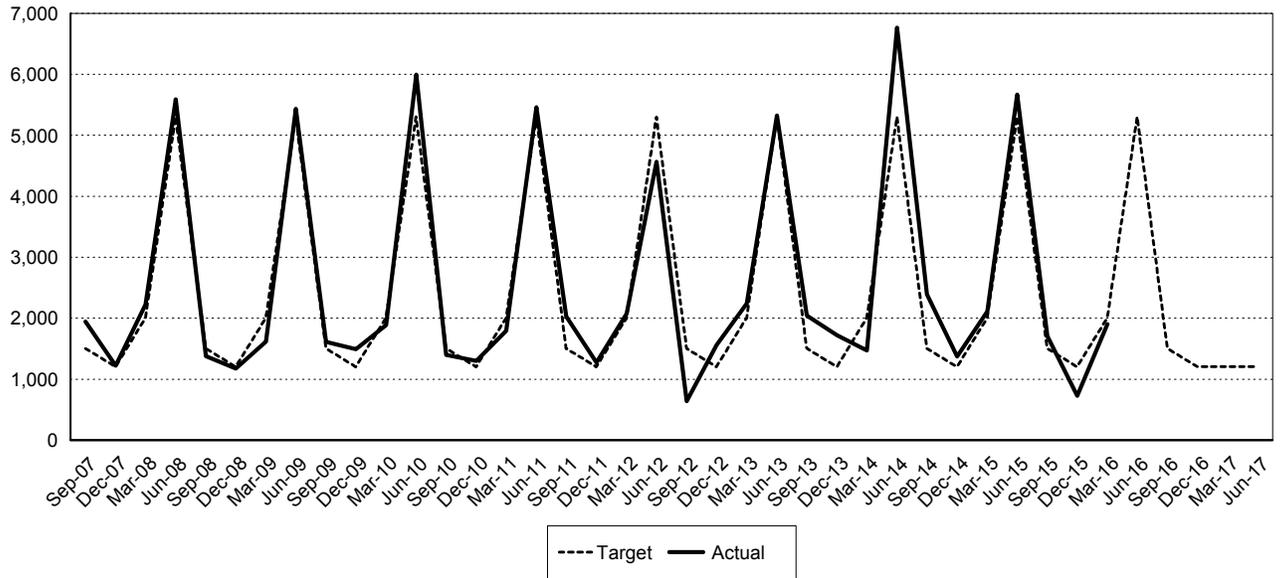
Efficiently manage and maintain Padilla Bay Reserve to provide training and education for current and future coastal decision-makers by increasing their technical expertise and level of knowledge. Coastal and land-use managers and planners are trained to carry out environmental policies and rules in Western Washington and gain a better understanding of issues, science, innovative methods and rules. Teachers and students of all ages gain increased knowledge of the health and restoration of Puget Sound, climate change, ocean acidification and sea level rise. Ecosystem research is carried out and results shared with government and academic organizations. Volunteers and professionals carry out restoration activities to improve Puget Sound.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001459 Number of teachers, students, adults, and professionals participating in Puget Sound education and training programs at the Padilla Bay Reserve.			
Biennium	Period	Actual	Target
2015-17	Q8		1,200
	Q7		1,200
	Q6		1,200
	Q5		1,500
	Q4		5,300
	Q3	1,902	2,000
	Q2	727	1,200
	Q1	1,703	1,500
2013-15	Q8	5,666	5,300
	Q7	2,113	2,000
	Q6	1,372	1,200
	Q5	2,392	1,500
	Q4	6,763	5,300
	Q3	1,470	2,000
	Q2	1,721	1,200
	Q1	2,045	1,500
2011-13	Q8	5,325	5,300
	Q7	2,241	2,000
	Q6	1,560	1,200
	Q5	637	1,500
	Q4	4,564	5,300
	Q3	2,075	2,000
	Q2	1,273	1,200
	Q1	2,028	1,500

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number **001459 - Number of people participating in Puget Sound education and training programs at Padilla Bay Reserve**

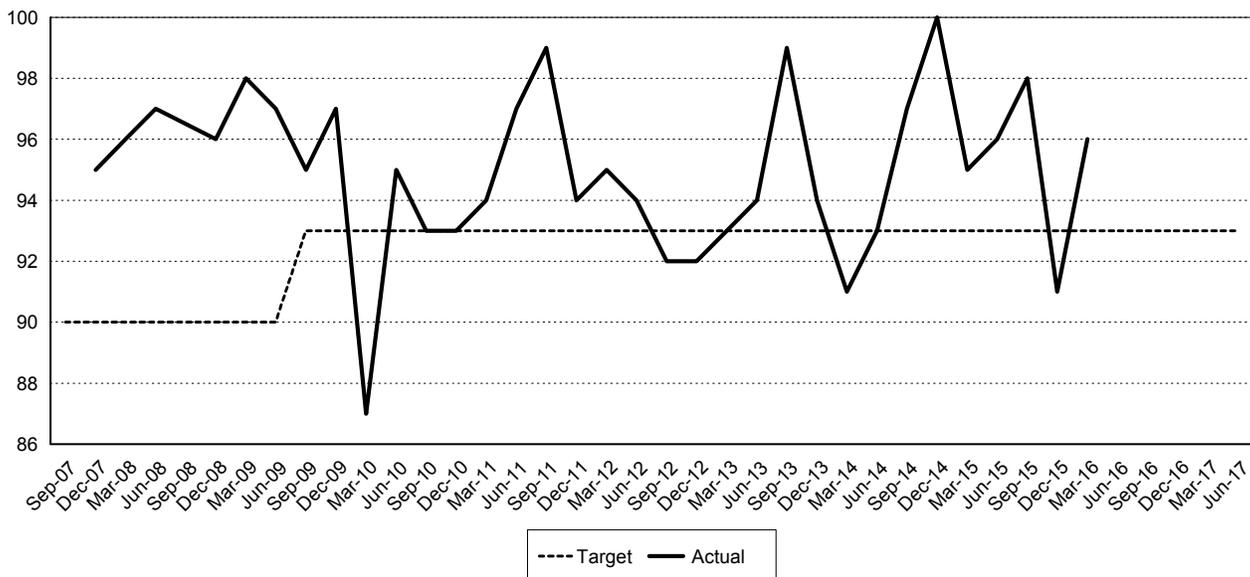


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

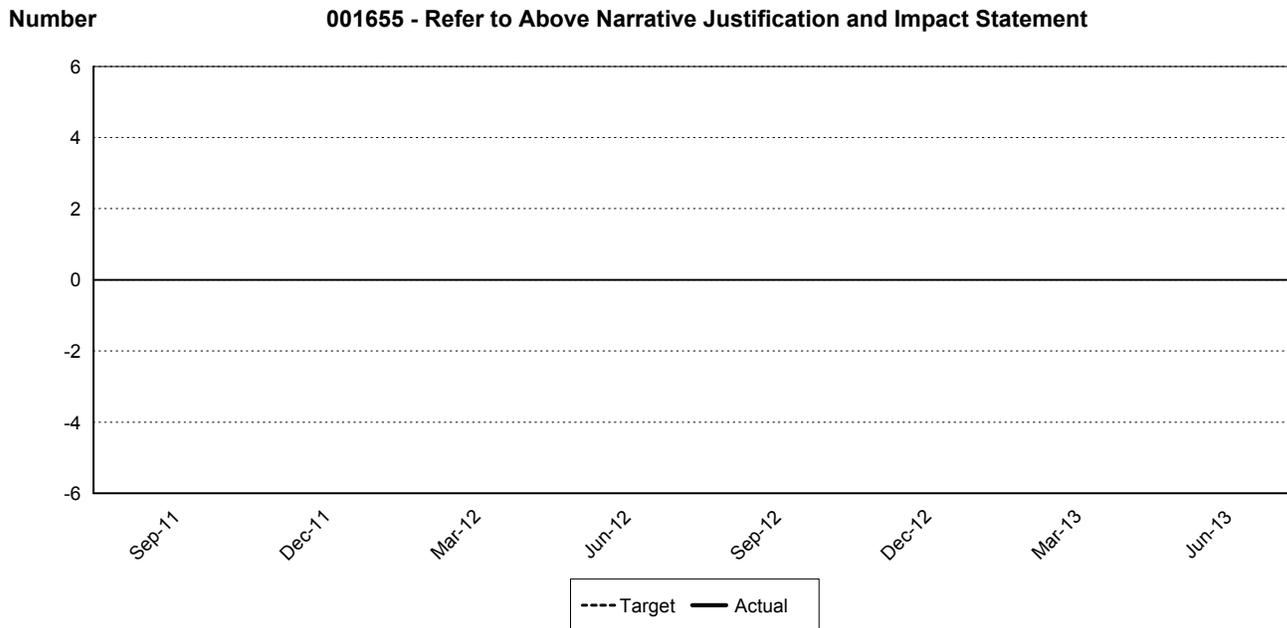
001460 Percent of Puget Sound and coastal training workshop participants who said they intend to apply what they learned in their work.			
Biennium	Period	Actual	Target
2015-17	Q8		93%
	Q7		93%
	Q6		93%
	Q5		93%
	Q4		93%
	Q3	96%	93%
	Q2	91%	93%
	Q1	98%	93%
2013-15	Q8	96%	93%
	Q7	95%	93%
	Q6	100%	93%
	Q5	97%	93%
	Q4	93%	93%
	Q3	91%	93%
	Q2	94%	93%
	Q1	99%	93%
2011-13	Q8	94%	93%
	Q7	93%	93%
	Q6	92%	93%
	Q5	92%	93%
	Q4	94%	93%
	Q3	95%	93%
	Q2	94%	93%
	Q1	99%	93%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Percent 001460 - Percent Puget Sound and coastal training workshop participants who intend to apply what they learned



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



A043 Provide Water Quality Financial Assistance

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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	50.2	48.3	49.3
10A Aquatic Algae Control Account			
10A-1 State	\$238,000	\$271,000	\$509,000
19G Environmental Legacy Stewardship Account			
19G-1 State	\$4,147,000	\$1,908,000	\$6,055,000
222 Freshwater Aquatic Weeds Account			
222-1 State	\$519,000	\$640,000	\$1,159,000
001 General Fund			
001-1 State	\$209,000	\$60,000	\$269,000
001-2 Federal	\$11,360,000	\$9,721,000	\$21,081,000
001 Account Total	\$11,569,000	\$9,781,000	\$21,350,000
173 State Toxics Control Account			
173-1 State	\$1,607,000	\$1,603,000	\$3,210,000
564 Water Pollution Control Revol Admin			
564-1 State	\$221,000	\$222,000	\$443,000
727-1 State	\$366,000	\$104,000	\$470,000
727-2 Federal	\$1,767,000	\$455,000	\$2,222,000
727 Account Total	\$2,354,000	\$781,000	\$3,135,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

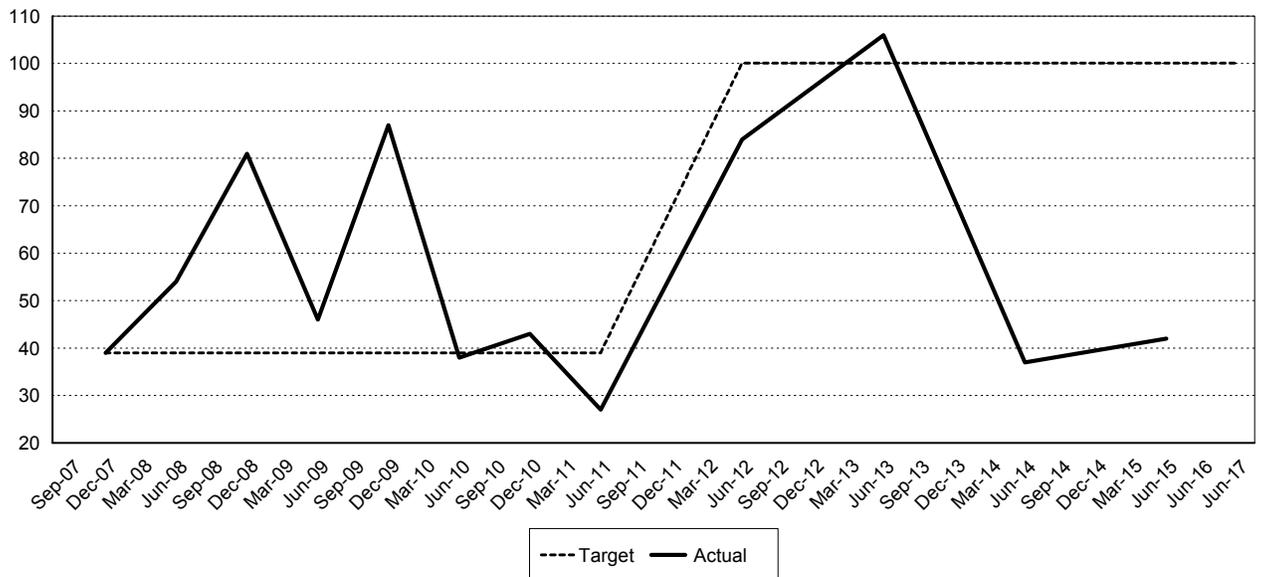
Expected Results

Public funds dedicated to improving water quality are managed responsibly to protect public health and the environment. Water quality is improved by awarding about \$75 million in water quality grants and loans per year to local communities. About 60 new grants and loans are awarded each year for projects under existing and on-going financial assistance programs that demonstrate clear benefits for the environment. Additional grants are awarded each year for stormwater projects, based on newly appropriated funds. Approximately 350 existing grants and loans are managed each year. Local governments get support through implementing revised grant and loan program rules that address updated water quality needs, the State Revolving Fund loan program perpetuity, balanced funding allocations, and design-build alternative contracting options. Environmental benefits are documented and illustrated through data generated from grants and loans.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001564 Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.			
Biennium	Period	Actual	Target
2015-17	A3		100
	A2		100
2013-15	A3		100
	A3	42	100
	A2		100
	A2	37	100
	A2		
	A2		
	A1		
2011-13	A3		
	A3	106	100
	A2		
	A2	84	100
	A2		
	A2		
	A1		
	A1		

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



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	32.6	32.6	32.6
116 Basic Data Account			
116-6 Non-Appropriated	\$85,000	\$85,000	\$170,000
001 General Fund			
001-1 State	\$3,420,000	\$3,684,000	\$7,104,000
027 Reclamation Account			
027-1 State	\$473,000	\$476,000	\$949,000
10G Water Rights Tracking System Account			
10G-1 State	\$202,000	\$206,000	\$408,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Achieve sustainable use of public natural resources

Expected Results

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

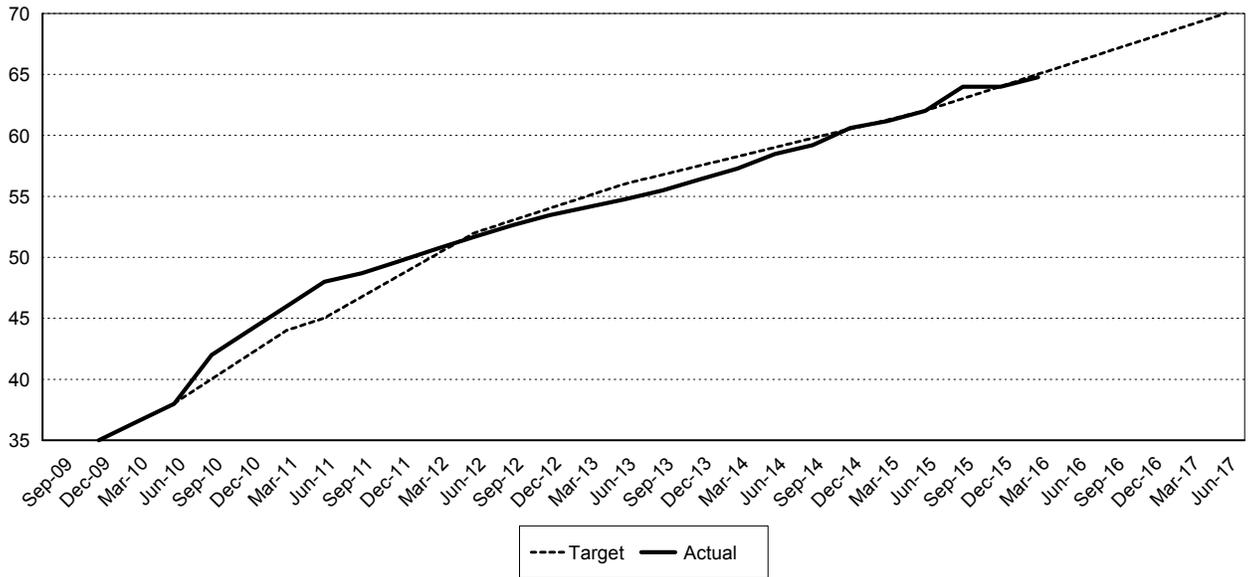
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001579 Percent of water rights mapping completed statewide			
Biennium	Period	Actual	Target
2015-17	Q8		70%
	Q7		69%
	Q6		68%
	Q5		67%
	Q4		66%
	Q3	64.76%	65%
	Q2	64%	64%
	Q1	64%	63%
2013-15	Q8	62%	62%
	Q7	61.17%	
	Q6	60.62%	
	Q5	59.21%	
	Q4	58.48%	59%
	Q3	57.27%	
	Q2	56.41%	
	Q1	55.5%	
2011-13	Q8	54.75%	56%
	Q7	54.1%	
	Q6	53.46%	
	Q5	52.64%	
	Q4	51.7%	52%
	Q3	50.7%	
	Q2	49.7%	
	Q1	48.7%	

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Percent

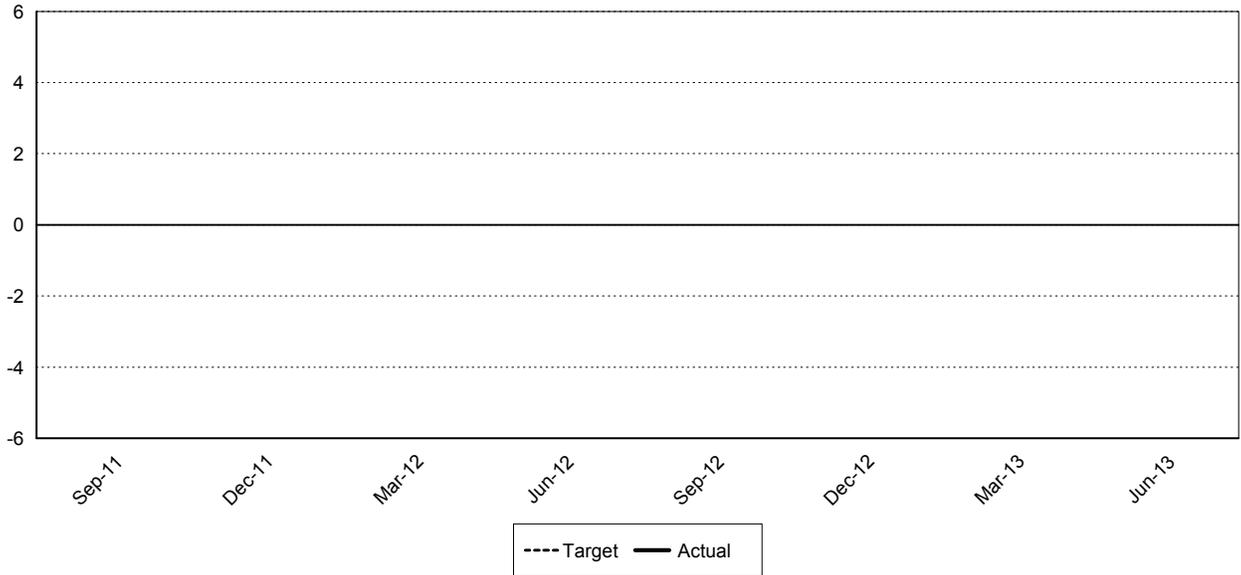
001579 - Percent of water rights mapping completed statewide



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A045 Reduce Air Pollution from Industrial and Commercial Sources

Ecology issues permits and conducts inspections of new and existing industrial and commercial facilities that emit significant levels of air pollution. Permit and inspection programs are mandated either by federal or state clean air laws and are designed to be self supporting through fees to the degree allowed under law. Ecology provides technical assistance, permit application and processing guidance, interpretation of rules, pre application assistance, and permit review. Permits are conditioned and approved to ensure all federal and state laws are met, and that public health, air quality, and the environment are protected. Sources are inspected to ensure permit conditions are met and that on-going operations do not jeopardize public health. Ecology develops and modifies industrial source regulations to incorporate federal and state law changes, simplify and streamline permit requirements, and ensure public health protection. Ecology conducts compliance inspections, resolves complaints, and develops technical and policy direction on emerging industrial permit issues.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	17.4	18.1	17.8
219 Air Operating Permit Account			
219-1 State	\$699,000	\$684,000	\$1,383,000
216 Air Pollution Control Account			
216-1 State	\$883,000	\$785,000	\$1,668,000
173 State Toxics Control Account			
173-1 State	\$520,000	\$533,000	\$1,053,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

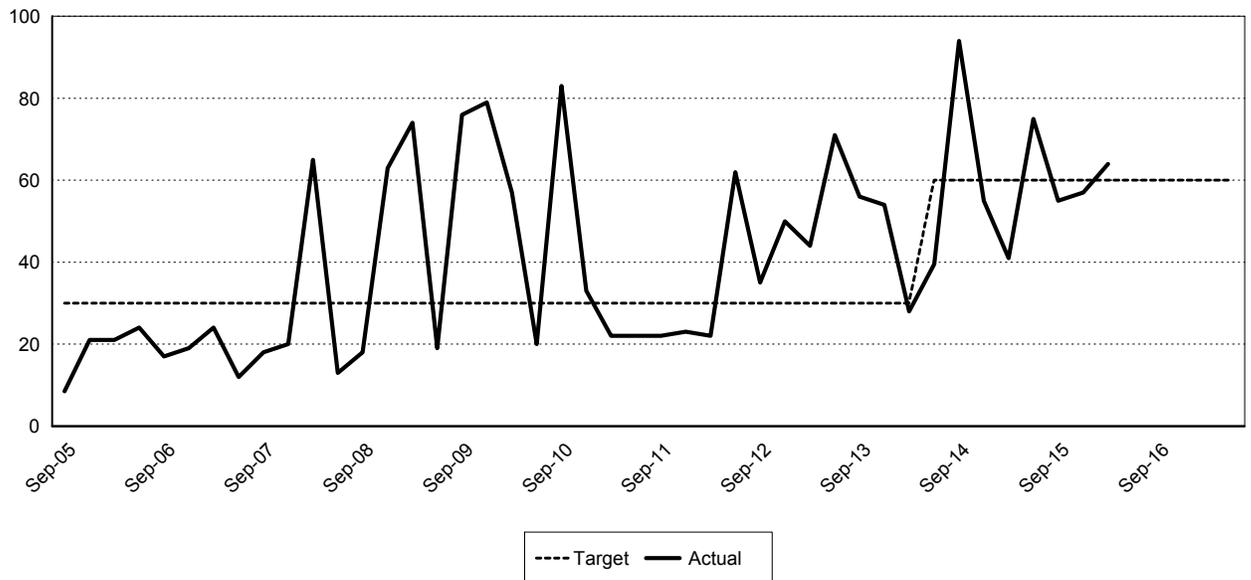
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

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

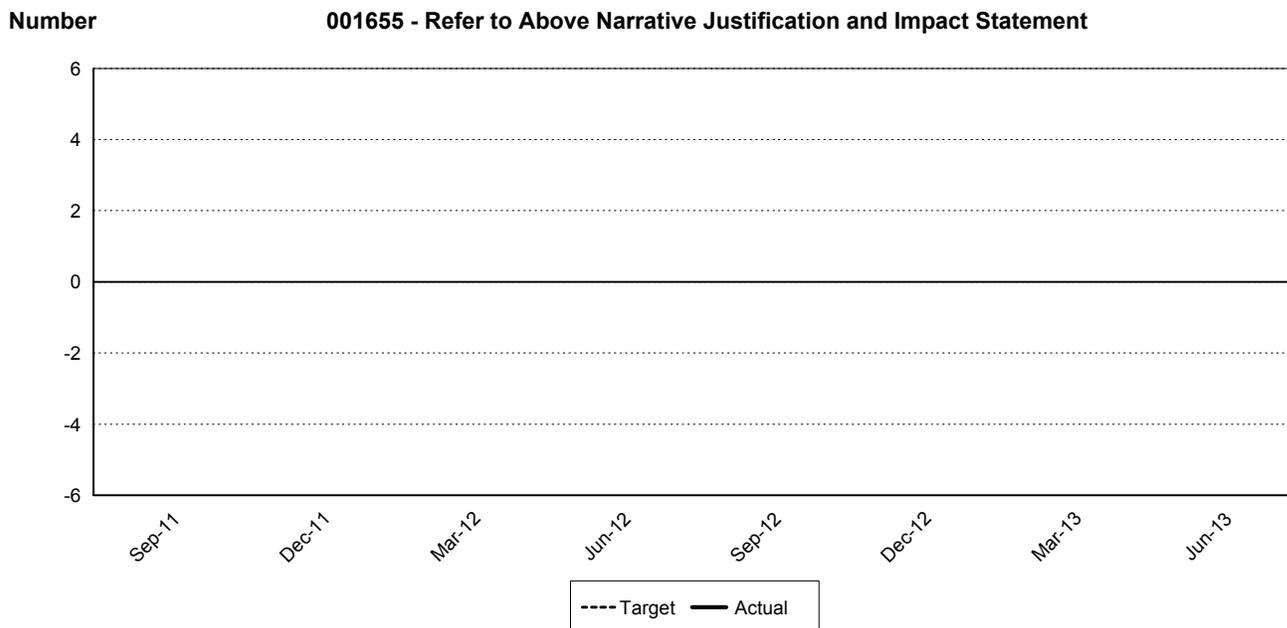
000994 Average Notice of Construction permit processing time (days).			
Biennium	Period	Actual	Target
2015-17	Q8		60
	Q7		60
	Q6		60
	Q5		60
	Q4		60
	Q3	64	60
	Q2	57	60
	Q1	55	60
2013-15	Q8	75	60
	Q7	41	60
	Q6	55	60
	Q5	94	60
	Q4	39.5	60
	Q3	28	30
	Q2	54	30
	Q1	56	30
2011-13	Q8	71	30
	Q7	44	30
	Q6	50	30
	Q5	35	30
	Q4	62	30
	Q3	22	30
	Q2	23	30
	Q1	22	30

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



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A047 Reduce Health and Environmental Threats from Motor Vehicle Emissions

Cars, trucks, construction equipment, locomotives, and marine vessels are responsible for over 60 percent of Washington's air pollution. These emissions adversely affect public health, substantially increase health care costs, and increase cancer and mortality rates. Without significant emission reductions, Ecology cannot ensure healthy air to breathe, future attainment of federal air quality standards, avoid multi million dollar control costs to businesses and citizens, or reduce or prevent harmful health effects. To protect public health and the environment from motor vehicle pollution, Ecology implements: Washington’s Clean Car standards; the vehicle emission check program of nearly two million cars and trucks; promotes transportation alternatives and cleaner motor vehicles and fuels through voluntary, regulatory, and incentive programs; and retrofits school buses and other diesel engines with better emission controls and idle reduction technologies.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	18.0	17.7	17.9
001 General Fund			
001-1 State	\$2,100,000	\$1,930,000	\$4,030,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

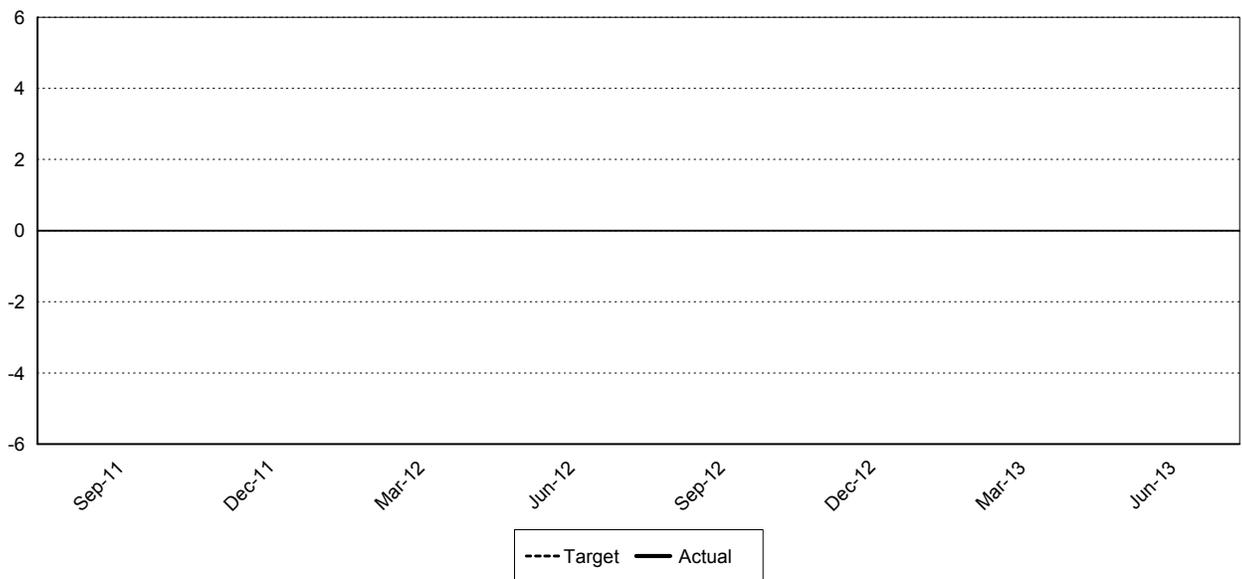
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Air pollution emissions from motor vehicles are reduced. Pollution from on road motor vehicles is reduced approximately 10% per year. Pollution from approximately two million cars is reduced by operating an Emission Check Program in three maintenance areas in the state. Diesel school buses, public fleet engines and appropriate private sector engines are equipped with appropriate exhaust controls and idle reduction devices.. Additional strategies to reduce engine idling in high exposure areas (near schools, health centers and around truck stops) are developed and implemented.

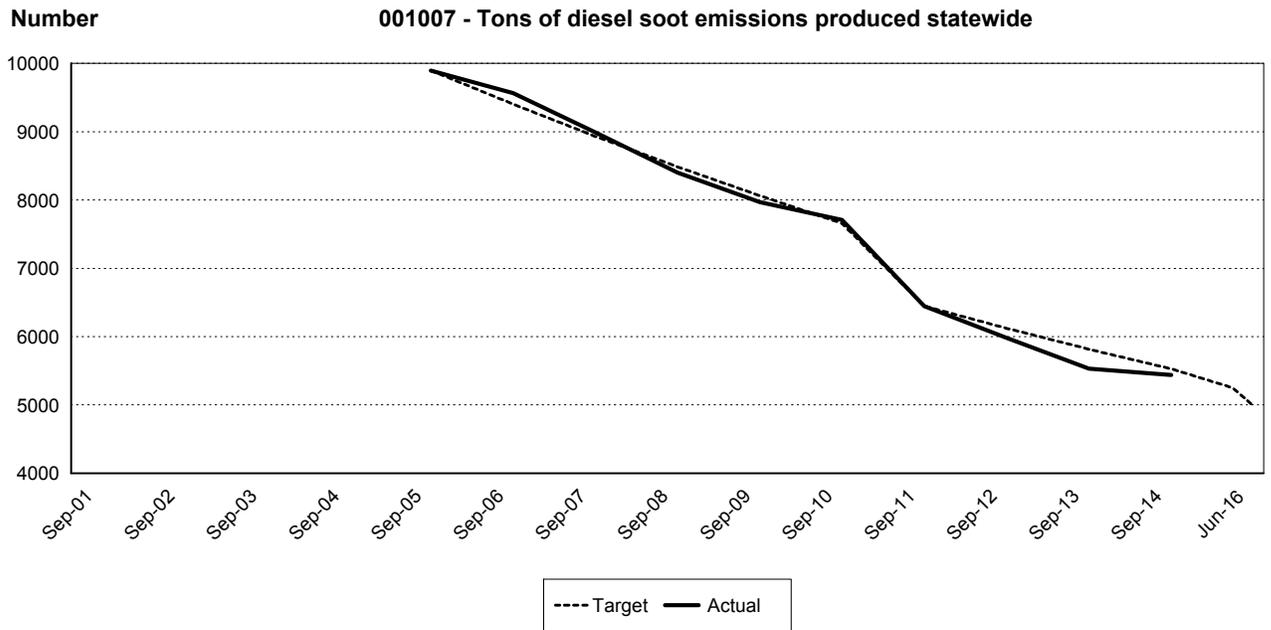
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

Number 001655 - Refer to Above Narrative Justification and Impact Statement



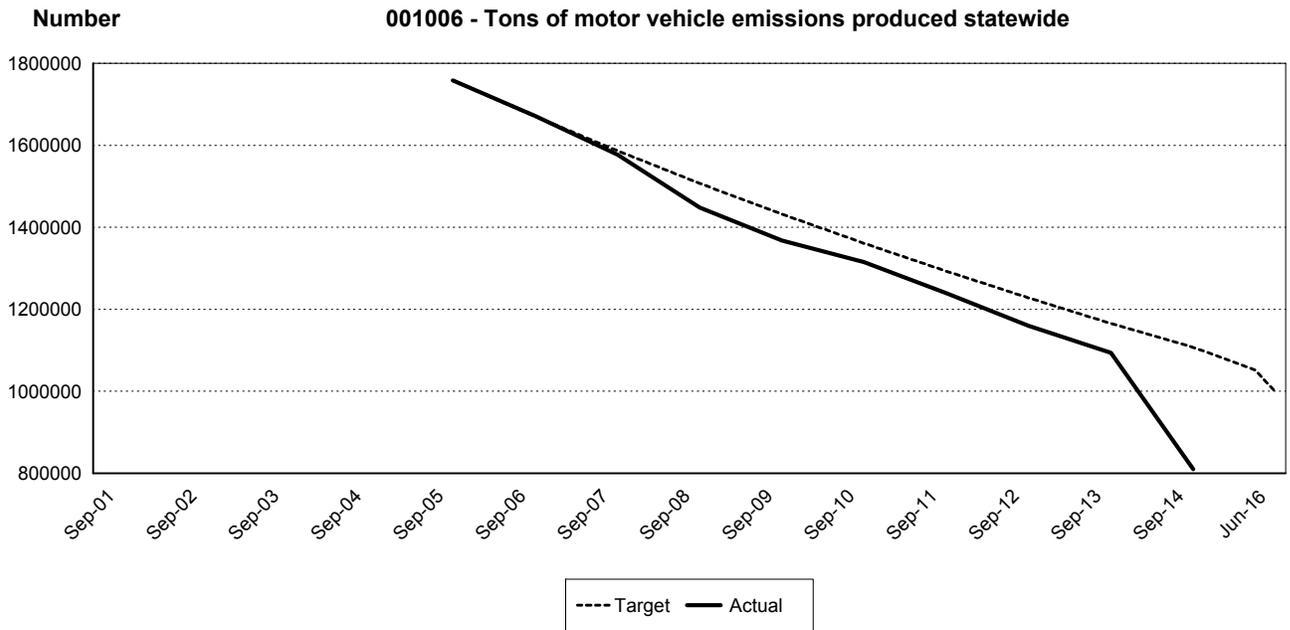
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001007 Tons of diesel soot emissions produced statewide.			
Biennium	Period	Actual	Target
2015-17	A3		4,986
	A2		5,249
2013-15	A3		
	A3		
	A2	5,436	5,525
	A1		
2011-13	A1	5,529	5,816
	A3		
	A3		
	A2		
	A2		
	A2	5,979	6,122
	A1		
	A1	6,444	6,444



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001006 Tons of motor vehicle emissions produced statewide.			
Biennium	Period	Actual	Target
2015-17	A3		999,093
	A2		1,051,677
2013-15	A3		
	A3		
	A2	809,786	1,107,028
2011-13	A1		
	A1	1,094,163	1,165,293
2011-13	A3		
	A3		
	A2	1,159,415	1,227,844
	A1		
A1	1,239,411	1,292,467	



A048 Reduce Health and Environmental Threats from Smoke

Nagging regional smoke pollution plagues many areas in Washington and affects public health and quality of life. The two leading sources of smoke in Washington communities are outdoor burning and wood-burning for residential heat. To address smoke from outdoor burning, Ecology issues conditioned permits for agricultural, land clearing, fire training, and other outdoor burning, where required by law. The agency also produces daily burn forecasts; responds to and resolves complaints related to smoke; provides technical assistance to manage and prevent outdoor burning impacts and, through technical assistance, research, and demonstration projects, promotes development and use of practical alternatives to burning. To address smoke from residential wood heating Ecology: coordinates burn curtailments; conducts wood stove change out programs; sets strict emission limits for new stoves and promotes development of clean burning technologies; and coordinates with the Environmental Protection Agency (EPA) on standards for residential home heating appliances. Ecology will assist communities, local health organizations and fire suppression agencies with health impact messaging and recommendations during large-scale wildfire events

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	14.3	14.2	14.3
216 Air Pollution Control Account			
216-1 State	\$305,000	\$322,000	\$627,000
19G Environmental Legacy Stewardship Account			
19G-1 State	\$138,000	\$138,000	\$276,000
173 State Toxics Control Account			
173-1 State	\$779,000	\$790,000	\$1,569,000
160 Wood Stove Education and Enforcement Account			
160-1 State	\$256,000	\$253,000	\$509,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

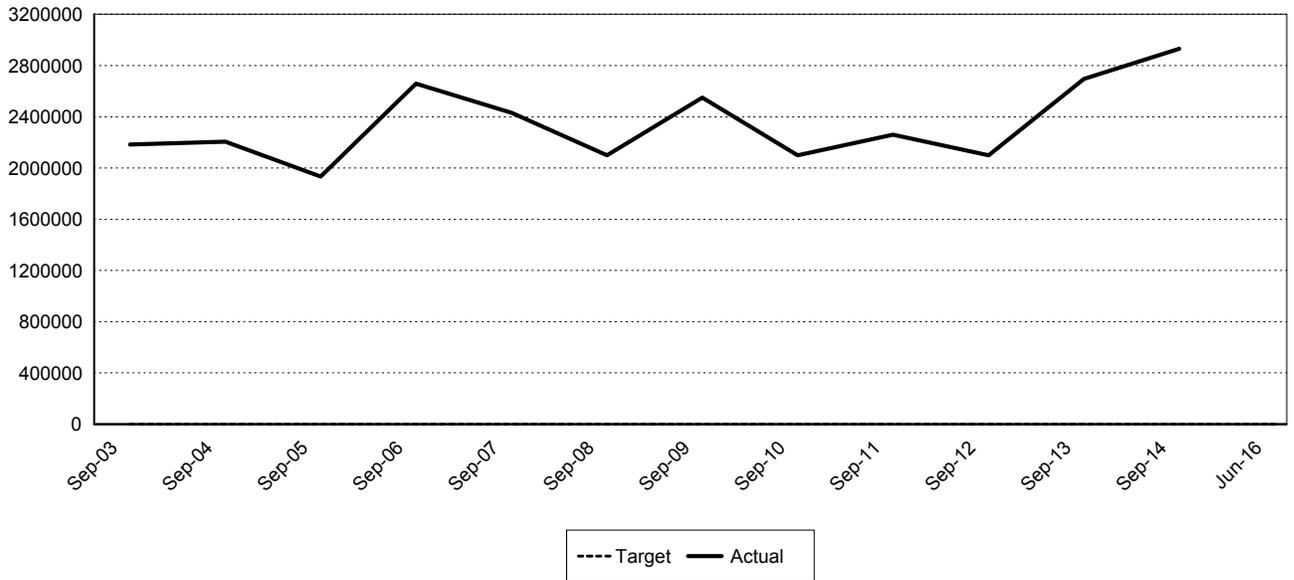
Expected Results

The agency’s on going goal is to achieve and maintain air quality levels in all Washington communities that experts agree is sufficient to protect human health. Public health threats from smoke are managed and minimized. Smoke impacts on communities from agricultural and other outdoor burning are reduced. Outdoor burning permit and smoke management systems are improved and streamlined. Local burning permit programs are audited to ensure effective and efficient operation. Practical alternatives and best management practices for burning are developed and used. Wood stove emissions are reduced through creating and implementing a proper burning outreach campaign, effective burning curtailments, change out of uncertified wood stoves, and working with EPA to develop more stringent certifications for wood burning devices.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

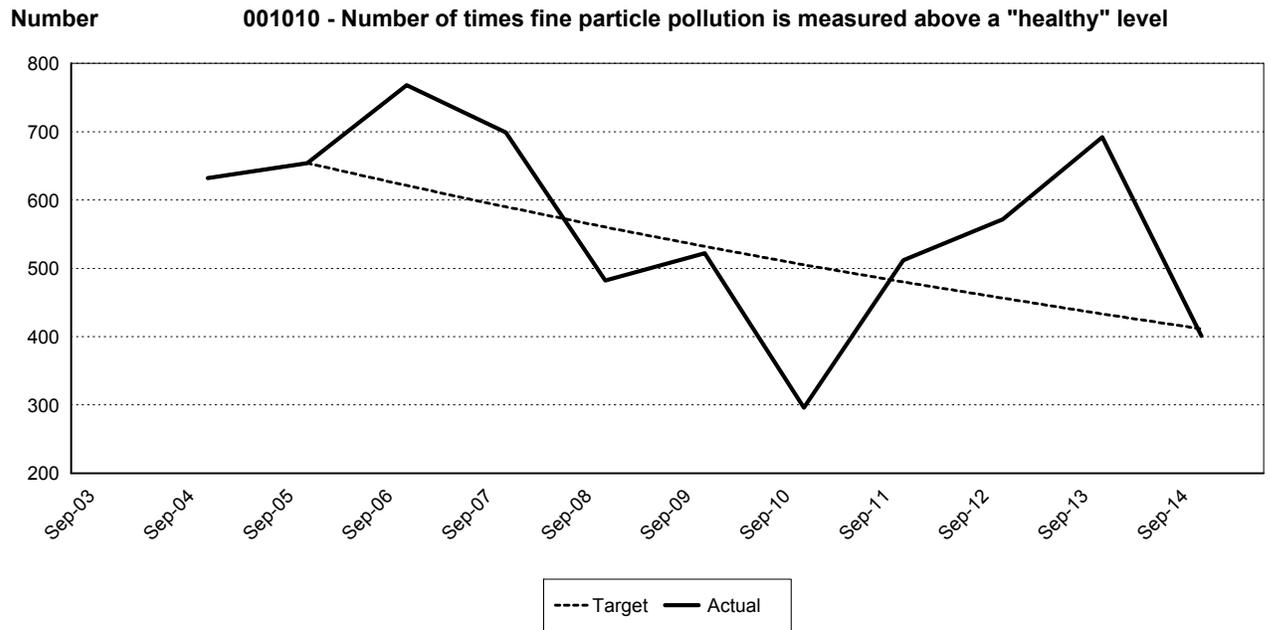
001002 Number of citizens exposed to air quality that does not meet "healthy" levels for fine particle pollution in monitored areas. At present, the total Washington population in monitored areas is approximately 3,150,000 or ~ 45% of Washington's total population.			
Biennium	Period	Actual	Target
2015-17	A3		0
	A2		0
2013-15	A3		
	A3		
	A2	2,932,159	0
	A1		
2011-13	A1	2,695,262	0
	A3		
	A3		
	A2		
	A2		
	A2	2,100,000	0
	A1		
	A1	2,259,000	0

Number **001002 - Number of citizens exposed to air quality that does not meet healthy levels for fine particles**



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

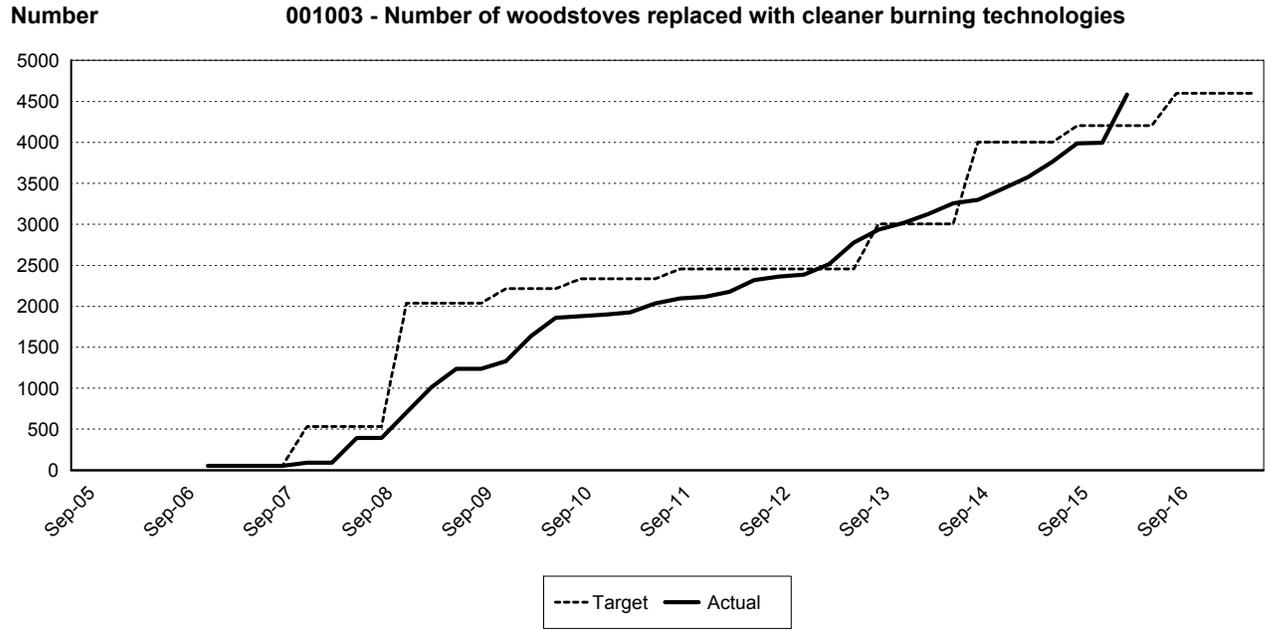
001010 Number of times fine particle pollution is measured above a "healthy" level.			
Biennium	Period	Actual	Target
2013-15	A3		
	A3		
	A2	401	411
	A1		
	A1	692	433
2011-13	A3		
	A3		
	A2	572	456
	A1		
	A1	512	480



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001003 Number of woodstoves replaced with cleaner burning technologies, including change-outs to certified woodstoves, pellet stoves, or cleaner alternative-fuel appliances such as electricity or natural gas.			
Biennium	Period	Actual	Target
2015-17	Q8		4,600
	Q7		4,600
	Q6		4,600
	Q5		4,600
	Q4		4,200
	Q3	4,585	4,200
	Q2	3,994	4,200
	Q1	3,988	4,200
2013-15	Q8	3,765	4,000
	Q7	3,575	4,000
	Q6	3,435	4,000
	Q5	3,301	4,000
	Q4	3,258	3,000
	Q3	3,127	3,000
	Q2	3,015	3,000
	Q1	2,935	3,000
2011-13	Q8	2,777	2,450
	Q7	2,514	2,450
	Q6	2,386	2,450
	Q5	2,362	2,450
	Q4	2,321	2,450
	Q3	2,178	2,450
	Q2	2,114	2,450
	Q1	2,097	2,450

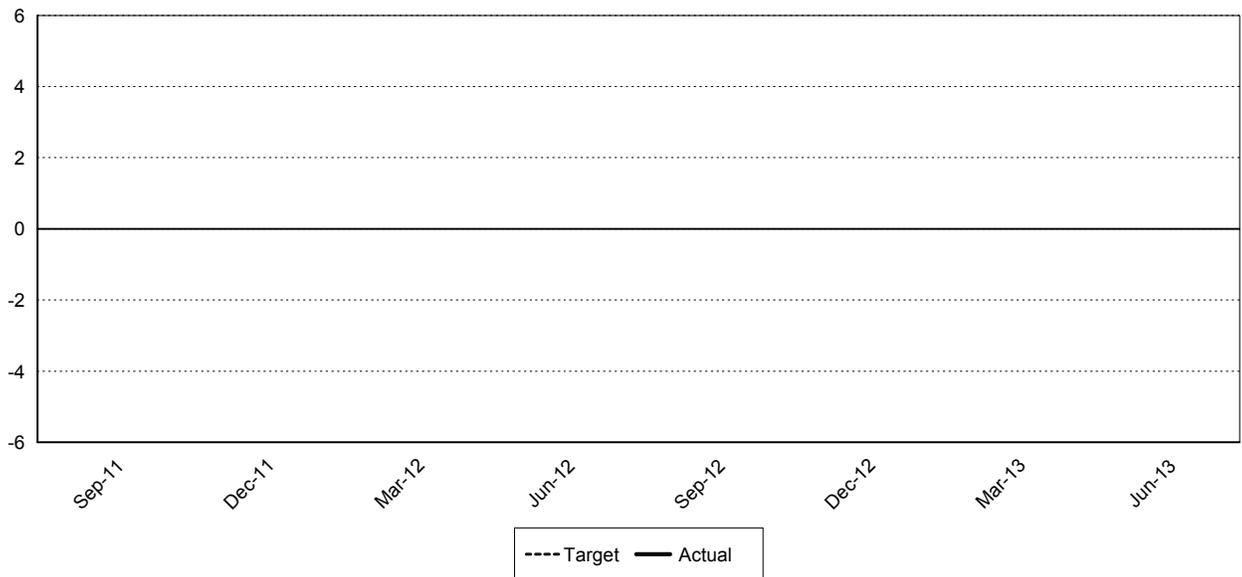
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A049 Reduce Nonpoint-Source Water Pollution

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	30.8	29.5	30.2
001 General Fund			
001-1 State	\$41,000	\$12,000	\$53,000
001-2 Federal	\$1,915,000	\$1,909,000	\$3,824,000
001 Account Total	\$1,956,000	\$1,921,000	\$3,877,000
027 Reclamation Account			
027-1 State	\$558,000	\$560,000	\$1,118,000
173 State Toxics Control Account			
173-1 State	\$986,000	\$865,000	\$1,851,000

Statewide Result Area: Sustainable Energy and a Clean Environment

Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

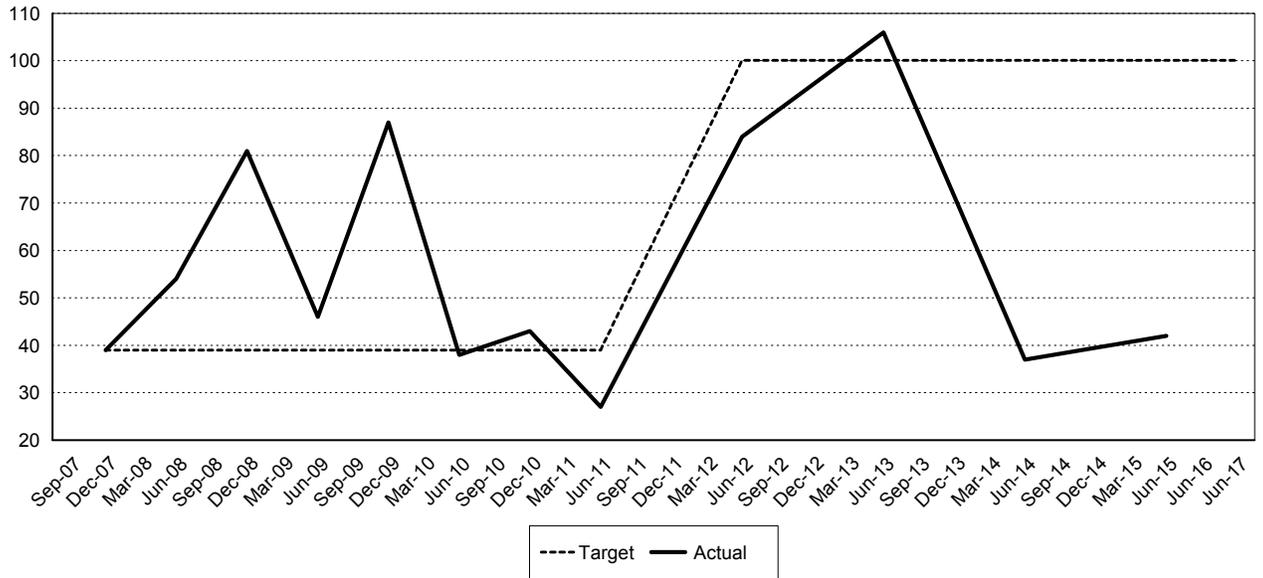
Expected Results

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

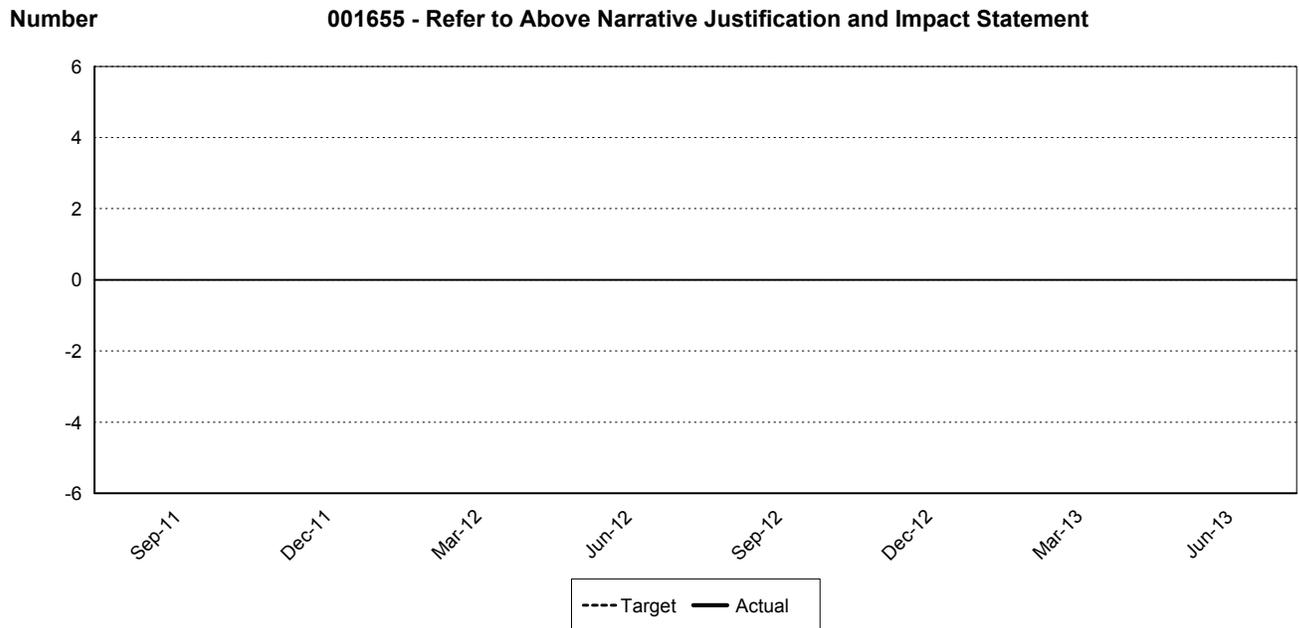
001564 Number of funded on-site sewage system repairs or replacements completed in Puget Sound counties.			
Biennium	Period	Actual	Target
2015-17	A3		100
	A2		100
2013-15	A3		100
	A3	42	100
	A2		100
	A2	37	100
	A2		
	A2		
	A1		
2011-13	A3		100
	A3	106	100
	A2		100
	A2	84	100
	A2		
	A2		
	A1		

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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



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



A050 Reduce Persistent Bioaccumulative Toxins (PBTs) in the Environment

Persistent, bioaccumulative toxins (PBTs) are a particular group of chemicals that can significantly affect the health of humans, fish, and wildlife. Ecology is implementing a long term strategy designed to reduce PBTs in Washington's environment over the coming years. This strategy coordinates agency wide efforts, engage other key organizations and interest groups, and provide for public education and information on reducing PBTs in the environment.

The Legislature has enacted bans for certain products containing mercury, PBDEs (chemical flame retardants), and lead. Ecology has implemented programs to reduce uses of mercury and lead and continues to support programs to reduce releases of polycyclic aromatic hydrocarbons (PAHs-combustion by-products). Ecology continues to support the Department of Health and local health departments in eliminating sources of lead in homes.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	1.0	1.0	1.0
173 State Toxics Control Account			
173-1 State	\$117,000	\$117,000	\$234,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

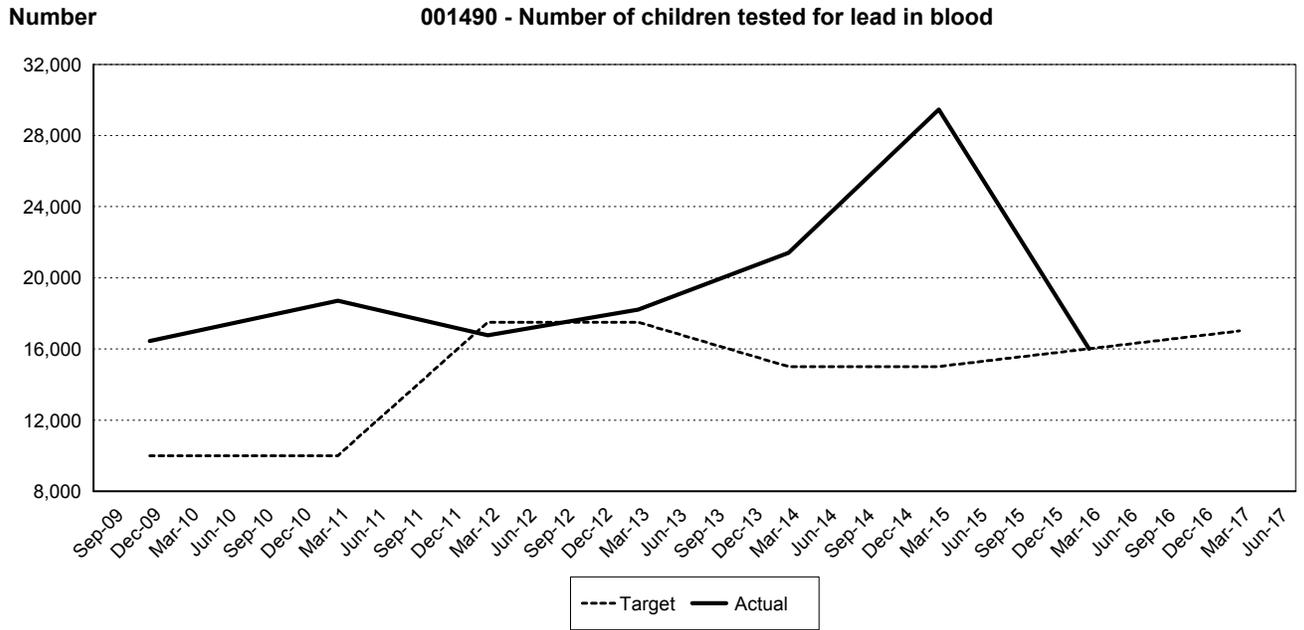
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Through the development of chemical action plans and implementation of plan recommendations, public health and environmental impacts associated with PBTs and other toxic substances are minimized. Strategies are developed and implemented to reduce and eliminated these harmful chemicals. Ecology has completed chemical actions plans for mercury, PBDEs, lead, PAHs- and PCBs. Ecology has scheduled a PBT rule update during the 2015-17 biennium.

001490 Number of children tested for lead in blood. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2015-17	A3		17,000
	A3		
	A2	16,000	16,000
	A2		
	A2		
	A2		
	A1		
	A1		
2013-15	A3	29,469	15,000
	A3		
	A2	21,398	15,000
	A2		
	A2		
	A2		
	A1		
	A1		
2011-13	A3	18,206	17,500
	A3		
	A2	16,762	17,500
	A2		
	A2		
	A2		
	A1		
	A1		

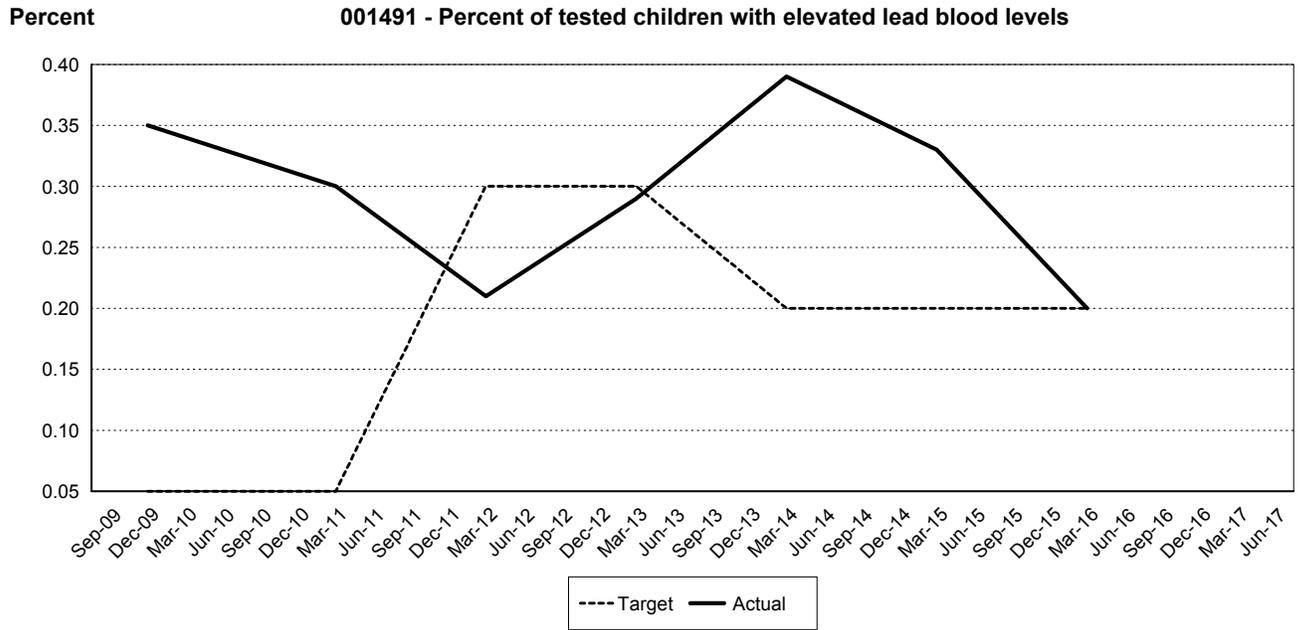
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001491 Percent of tested-children, less than 7 years old, with elevated lead blood levels. Reported annually in Quarters 3 and 7.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2	0.2%	0.2%
	A2		
	A2		
	A2		
	A1		
	A1		
2013-15	A3	0.33%	0.2%
	A3		
	A2	0.39%	0.2%
	A2		
	A2		
	A2		
	A1		
	A1		
2011-13	A3	0.29%	0.3%
	A3		
	A2	0.21%	0.3%
	A2		
	A2		
	A2		
	A1		
	A1		

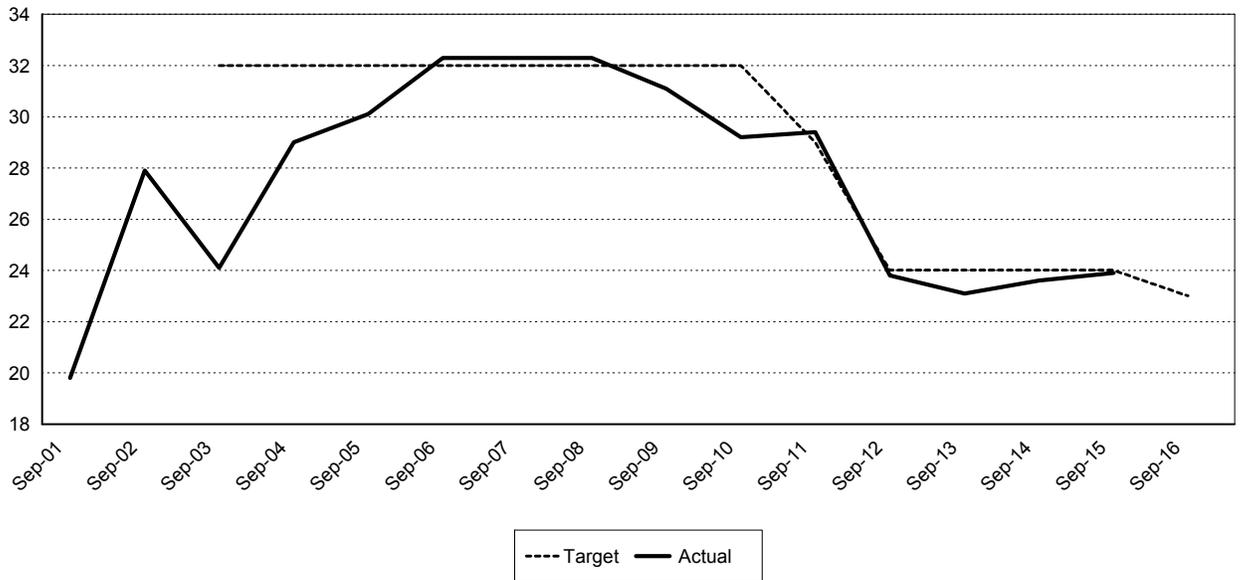
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		23
	A1		
	A1	23.9	24
2013-15	A3		
	A3		
	A2	23.6	24
	A1		
	A1	23.1	24
2011-13	A3		
	A3		
	A2	23.8	24
	A1		
	A1	29.4	29

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

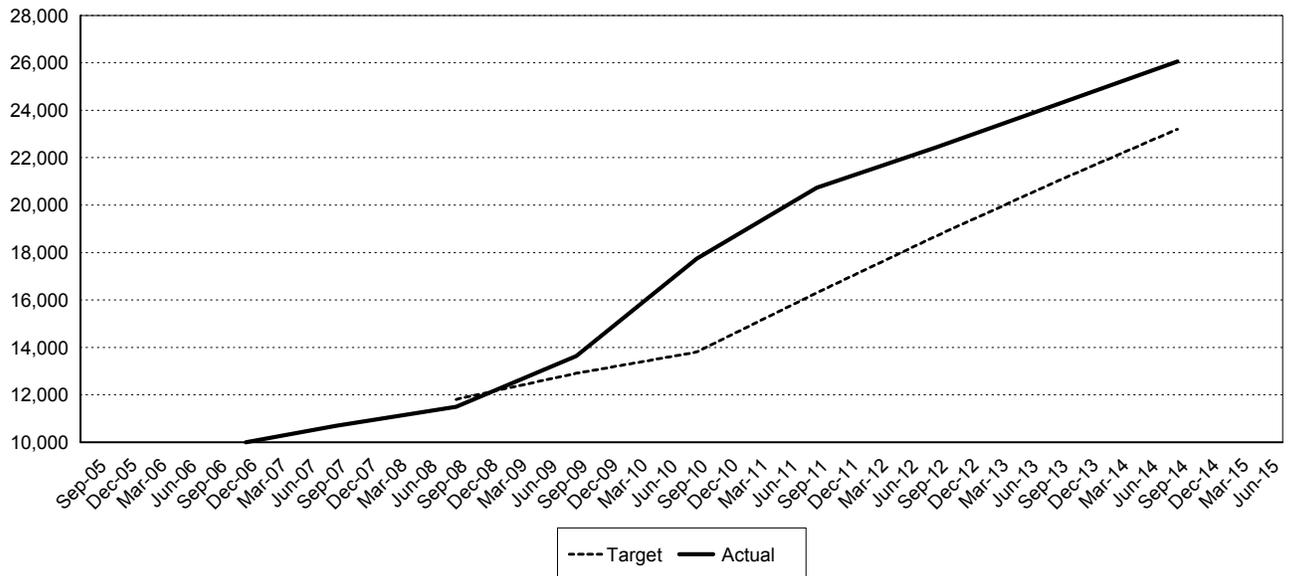


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001289 Cumulative pounds of mercury collected and/or captured while implementing Ecology's mercury chemical action plan (measured once annually).			
Biennium	Period	Actual	Target
2013-15	Q8		
	Q7		
	Q6		
	Q5	26,054	23,200
	Q4		
	Q3		
	Q2		
	Q1	24,247	21,000
2011-13	Q8		
	Q7		
	Q6		
	Q5	22,454	18,700
	Q4		
	Q3		
	Q2		
	Q1	20,736	16,300

Number

001289 - Pounds of mercury collected and/or captured



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	9.5	9.4	9.5
19G Environmental Legacy Stewardship Account			
19G-1 State	\$213,000	\$211,000	\$424,000
001 General Fund			
001-2 Federal	\$273,000	\$273,000	\$546,000
173 State Toxics Control Account			
173-1 State	\$861,000	\$857,000	\$1,718,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

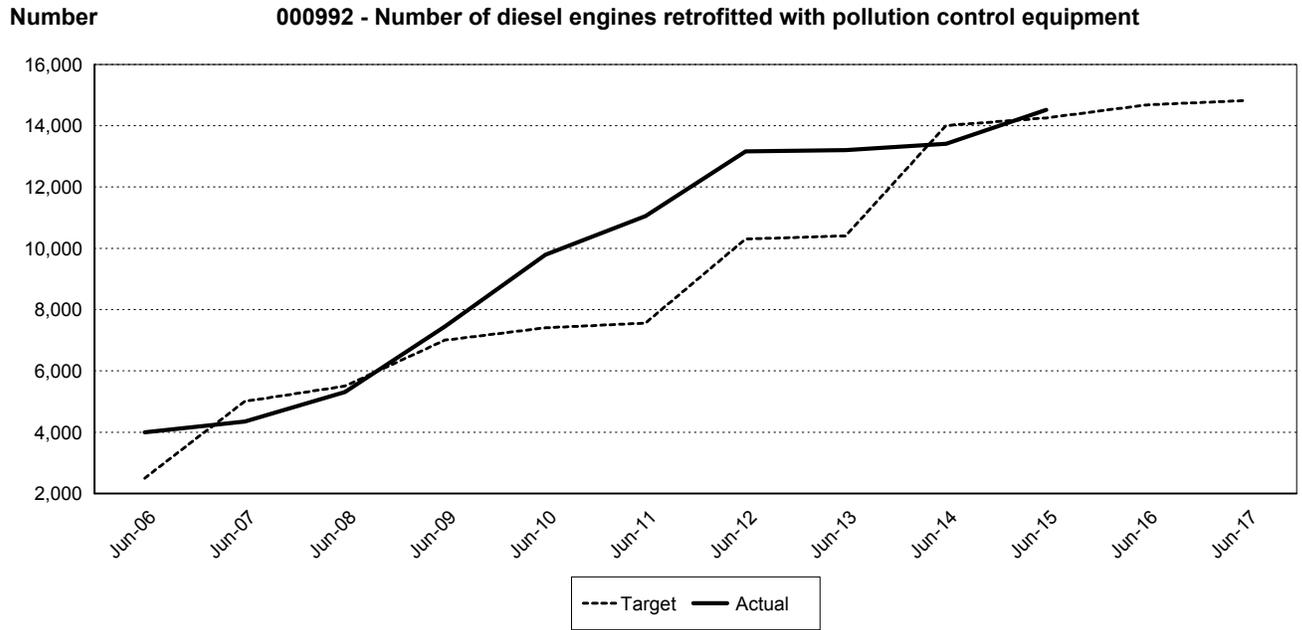
Expected Results

The public health threat from toxic air pollutants is minimized. Improved emission inventories increase agency and policy maker understanding of ambient concentrations and sources of priority toxics. Diesel soot emissions are reduced 40 percent by 2015 compared to a 2005 baseline. State funds are used to reduce diesel emissions near ports and other high exposure areas (near schools, hospitals, freight distribution centers, truck stops, etc). Woodstove replacements target high use stoves in high risk communities.

Gasoline Vapor Recovery Program, and the Asbestos Labeling Program are implemented. .

000992 Number of diesel engines (school buses and public and private sector equipment) retrofitted with pollution control equipment to reduce toxic diesel emissions.			
Biennium	Period	Actual	Target
2015-17	A3		14,815
	A2		14,670
2013-15	A3	14,523	14,250
	A2	13,409	14,000
2011-13	A3	13,208	10,400
	A2	13,165	10,300

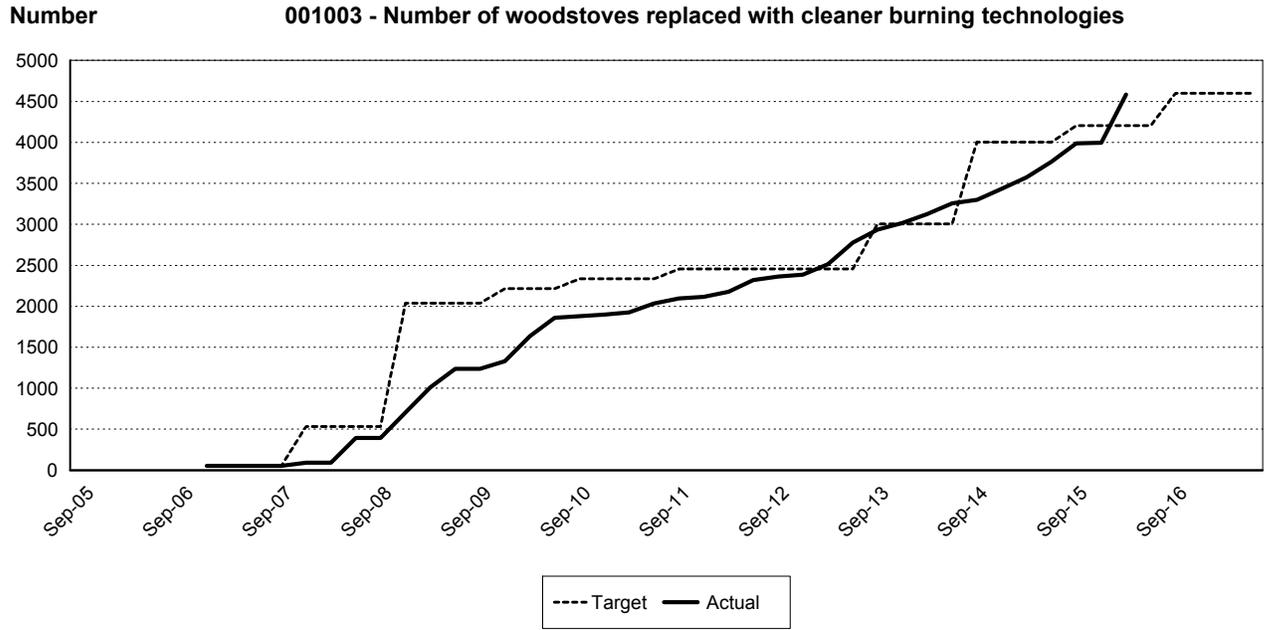
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001003 Number of woodstoves replaced with cleaner burning technologies, including change-outs to certified woodstoves, pellet stoves, or cleaner alternative-fuel appliances such as electricity or natural gas.			
Biennium	Period	Actual	Target
2015-17	Q8		4,600
	Q7		4,600
	Q6		4,600
	Q5		4,600
	Q4		4,200
	Q3	4,585	4,200
	Q2	3,994	4,200
	Q1	3,988	4,200
2013-15	Q8	3,765	4,000
	Q7	3,575	4,000
	Q6	3,435	4,000
	Q5	3,301	4,000
	Q4	3,258	3,000
	Q3	3,127	3,000
	Q2	3,015	3,000
	Q1	2,935	3,000
2011-13	Q8	2,777	2,450
	Q7	2,514	2,450
	Q6	2,386	2,450
	Q5	2,362	2,450
	Q4	2,321	2,450
	Q3	2,178	2,450
	Q2	2,114	2,450
	Q1	2,097	2,450

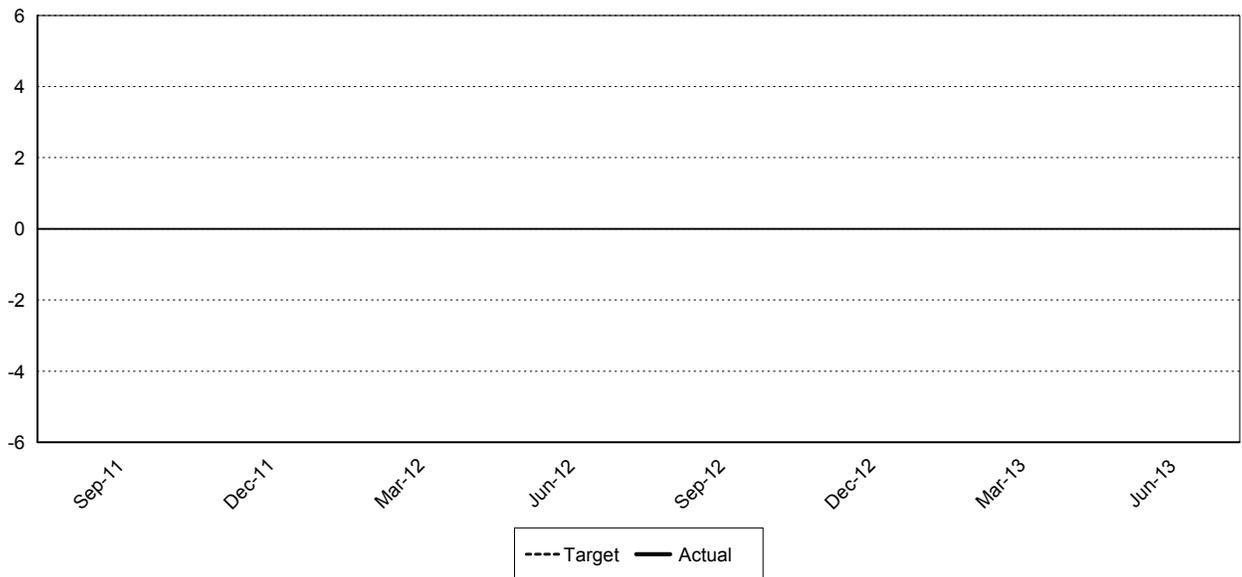
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



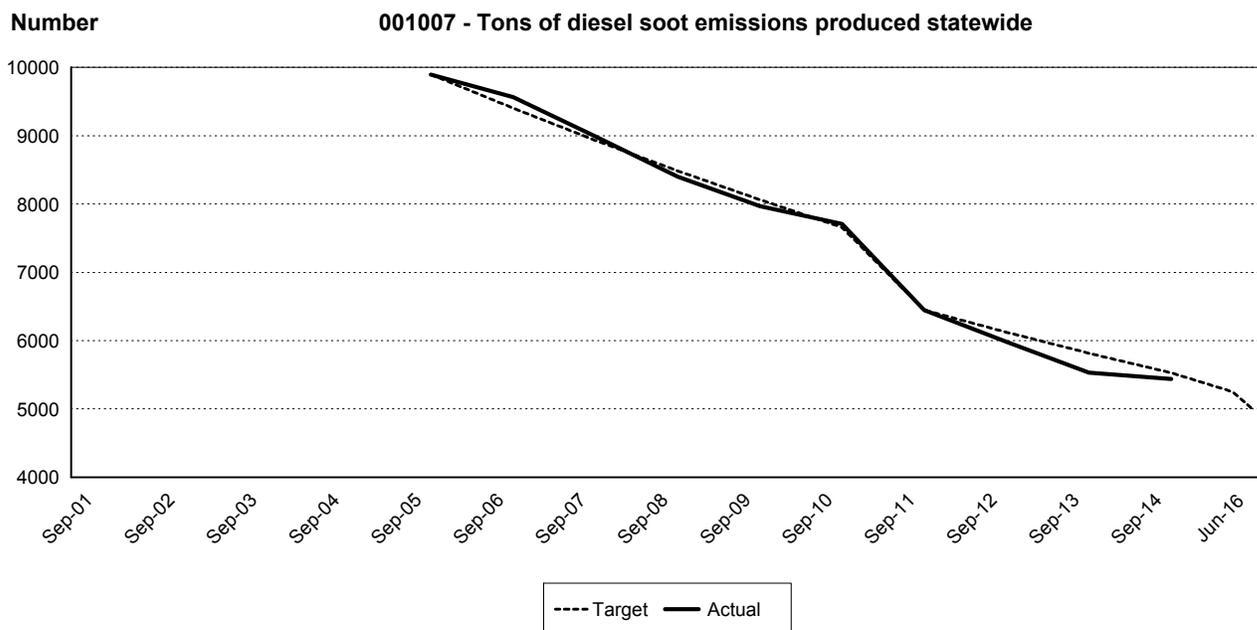
001655 Refer to Narrative Justification			
Biennium	Period	Actual	Target
2011-13	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3		
	Q2		
	Q1		

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Number 001655 - Refer to Above Narrative Justification and Impact Statement



001007 Tons of diesel soot emissions produced statewide.			
Biennium	Period	Actual	Target
2015-17	A3		4,986
	A2		5,249
2013-15	A3		
	A3		
	A2	5,436	5,525
	A1		
2011-13	A1	5,529	5,816
	A3		
2011-13	A3		
	A2	5,979	6,122
	A1		
	A1	6,444	6,444



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

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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	22.6	22.7	22.7
001 General Fund			
001-2 Federal	\$229,000	\$342,000	\$571,000
207 Hazardous Waste Assistance Account			
207-1 State	\$1,296,000	\$1,406,000	\$2,702,000
173 State Toxics Control Account			
173-1 State	\$901,000	\$953,000	\$1,854,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

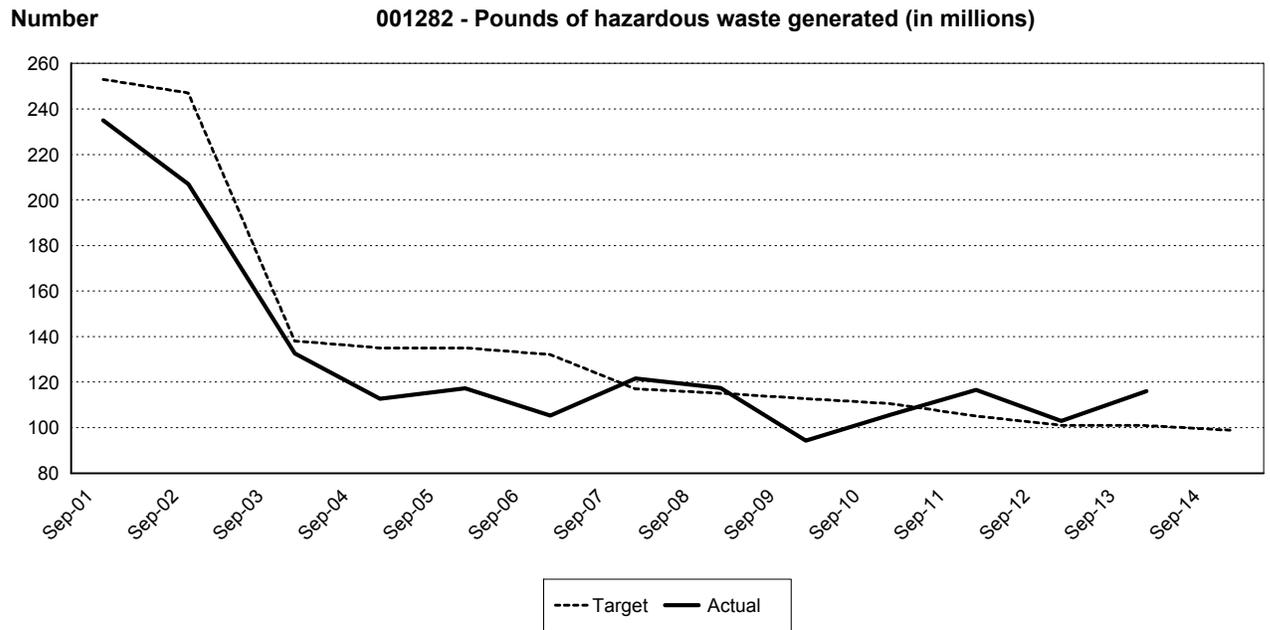
Expected Results

Hazardous waste generation is reduced by two percent each year (approximately 5 million pounds), resulting in clean-up and disposal cost savings for businesses, reduced public exposure, and fewer cleanups. This is accomplished through:

- Completing nearly 500 toxics-related technical assistance visits to businesses each year.
- Reviewing the majority of the pollution prevention (“P2”) plans (approximately 450) submitted by businesses and facilities each year.
- Tracking the number of P2 opportunities and dollars saved by businesses implementing their P2 plans.
- Conducting two or four comprehensive engineering or Lean-based technical assistance projects with businesses each year.
- Promoting safer alternatives to the use of toxics by businesses in Washington State.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001282 Annual pounds of hazardous waste generated (in millions).			
Biennium	Period	Actual	Target
2013-15	Q8		
	Q7		98.8
	Q6		
	Q5		
	Q4		
	Q3	116	100.8
	Q2		
	Q1		
2011-13	Q8		
	Q7	102.9	101
	Q6		
	Q5		
	Q4		
	Q3	116.6	105
	Q2		
	Q1		

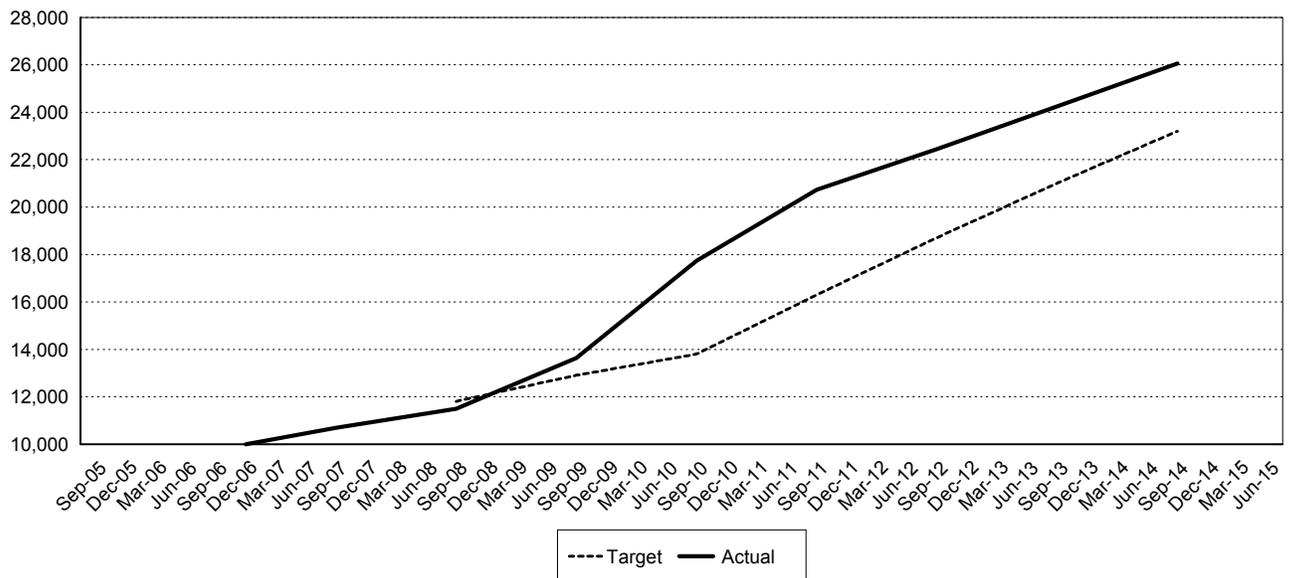


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001289 Cumulative pounds of mercury collected and/or captured while implementing Ecology's mercury chemical action plan (measured once annually).			
Biennium	Period	Actual	Target
2013-15	Q8		
	Q7		
	Q6		
	Q5	26,054	23,200
	Q4		
	Q3		
	Q2		
	Q1	24,247	21,000
2011-13	Q8		
	Q7		
	Q6		
	Q5	22,454	18,700
	Q4		
	Q3		
	Q2		
	Q1	20,736	16,300

Number

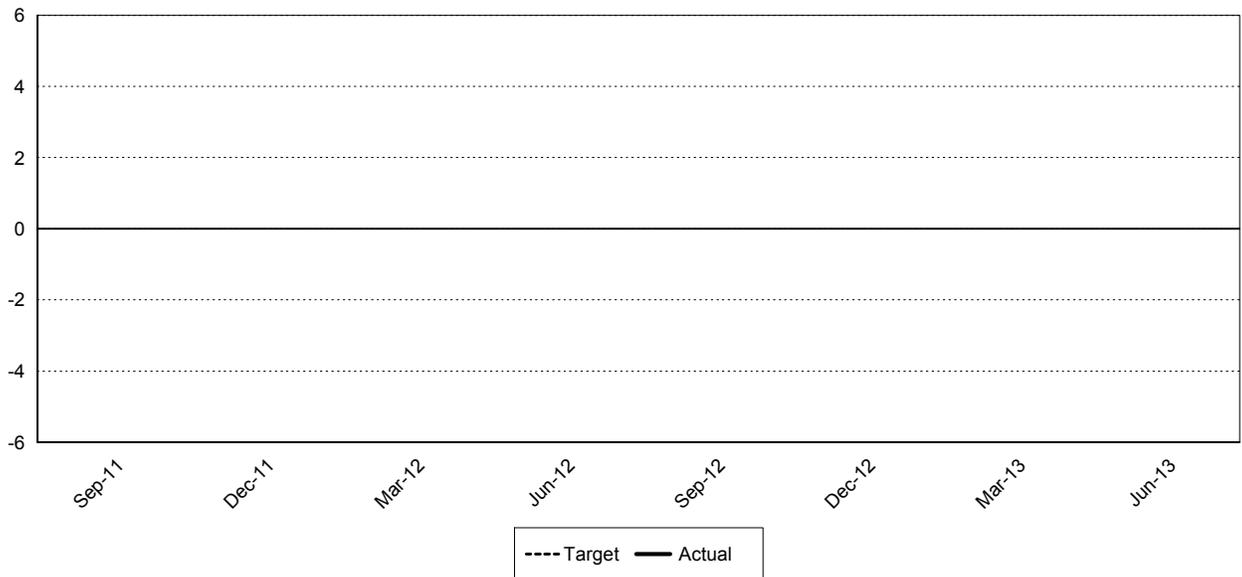
001289 - Pounds of mercury collected and/or captured



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A053 Regulate Well Construction

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	6.8	6.9	6.9
027 Reclamation Account			
027-1 State	\$795,000	\$843,000	\$1,638,000

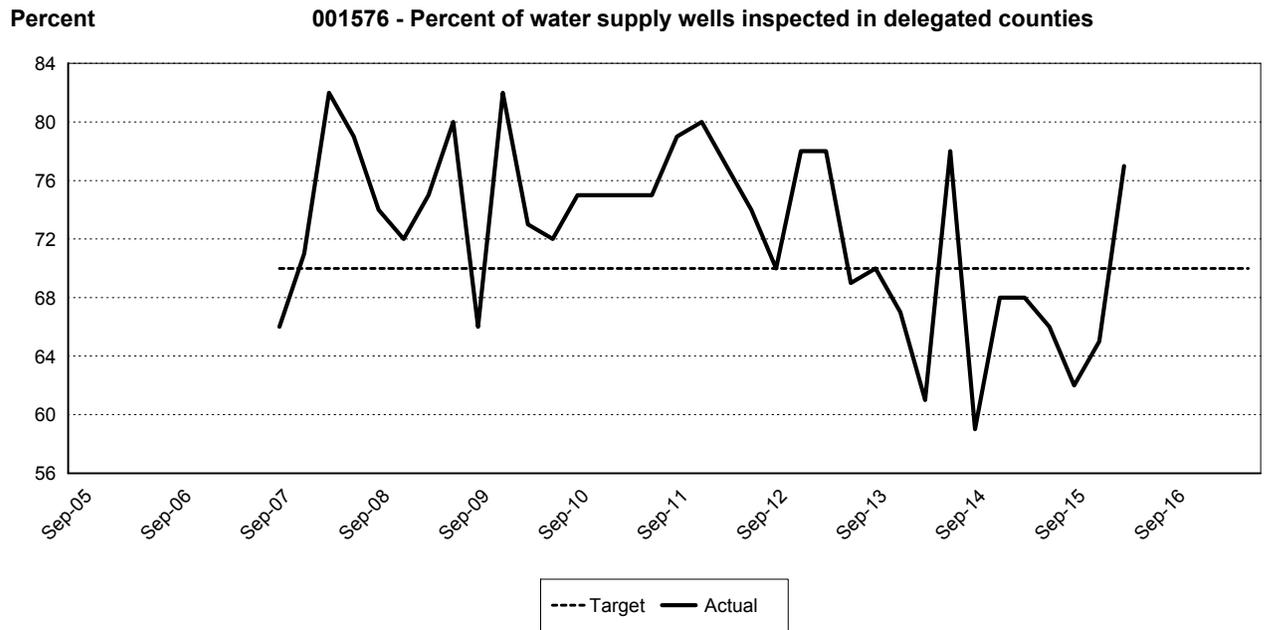
Statewide Result Area: Healthy and Safe Communities
Statewide Strategy: Mitigate environmental hazards

Expected Results

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

001576 Percent of water supply wells inspected in delegated counties			
Biennium	Period	Actual	Target
2015-17	Q8		70%
	Q7		70%
	Q6		70%
	Q5		70%
	Q4		70%
	Q3	77%	70%
	Q2	65%	70%
	Q1	62%	70%
2013-15	Q8	66%	70%
	Q7	68%	70%
	Q6	68%	70%
	Q5	59%	70%
	Q4	78%	70%
	Q3	61%	70%
	Q2	67%	70%
	Q1	70%	70%
2011-13	Q8	69%	70%
	Q7	78%	70%
	Q6	78%	70%
	Q5	70%	70%
	Q4	74%	70%
	Q3	77%	70%
	Q2	80%	70%
	Q1	79%	70%

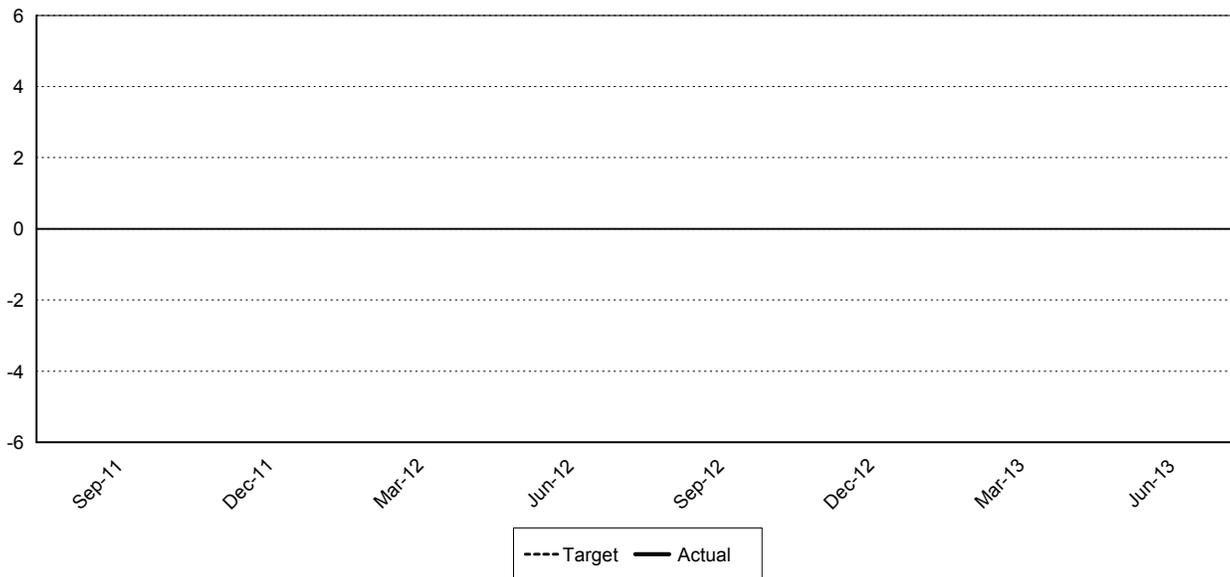
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	41.9	41.9	41.9
19G Environmental Legacy Stewardship Account			
19G-1 State	\$866,000	\$940,000	\$1,806,000
001 General Fund			
001-7 Private/Local	\$57,000	\$57,000	\$114,000
223 Oil Spill Response Account			
223-1 State	\$3,538,000	\$3,538,000	\$7,076,000
173 State Toxics Control Account			
173-1 State	\$3,641,000	\$4,782,000	\$8,423,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

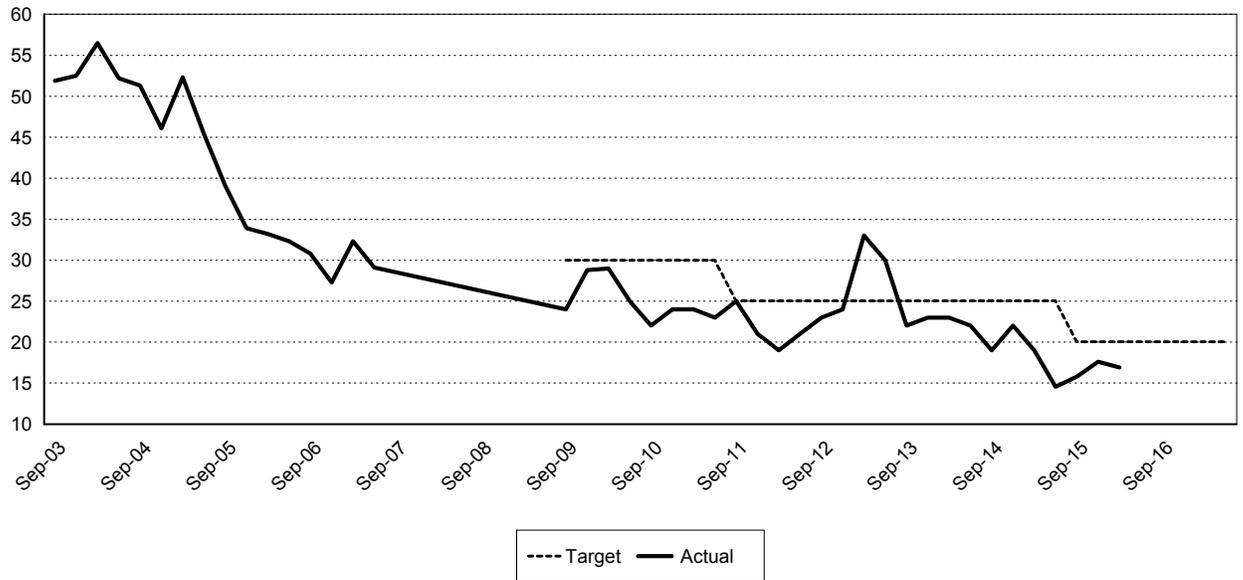
Expected Results

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

001475 Percent of reported incidents that receive field responses by Spills staff.			
Biennium	Period	Actual	Target
2015-17	Q8		20%
	Q7		20%
	Q6		20%
	Q5		20%
	Q4		20%
	Q3	16.9%	20%
	Q2	17.6%	20%
	Q1	15.8%	20%
2013-15	Q8	14.55%	25%
	Q7	19%	25%
	Q6	22%	25%
	Q5	19%	25%
	Q4	22%	25%
	Q3	23%	25%
	Q2	23%	25%
	Q1	22%	25%
2011-13	Q8	30%	25%
	Q7	33%	25%
	Q6	24%	25%
	Q5	23%	25%
	Q4	21%	25%
	Q3	19%	25%
	Q2	21%	25%
	Q1	25%	25%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

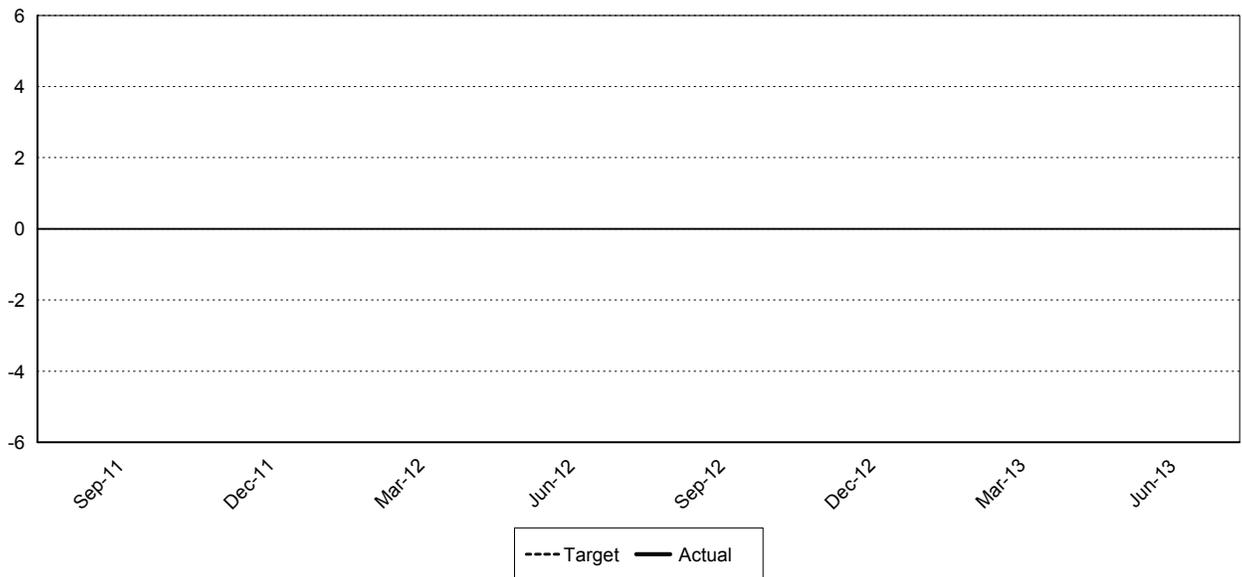
Percent 001475 - Percent of reported oil and hazardous material spill incidents that receive a field response



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A055 Restore Public Natural Resources Damaged by Oil Spills

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	2.8	2.8	2.8
408 Coastal Protection Account			
408-6 Non-Appropriated	\$778,000	\$778,000	\$1,556,000
173 State Toxics Control Account			
173-1 State	\$266,000	\$268,000	\$534,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

Expected Results

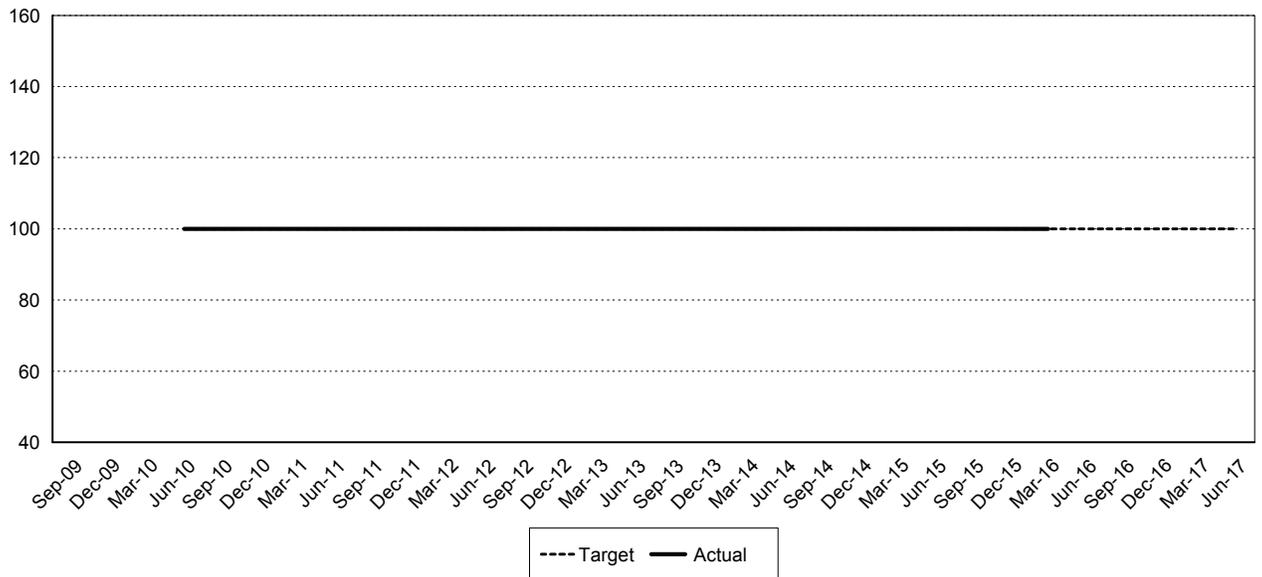
Environmental impacts to publicly-owned natural resources from oil spills are partially mitigated (compensated for) using damage assessment funding. Natural resource damage assessment is done on 100 percent of oil spills where 25 or more gallons reach surface waters. Priority wildlife habitat is restored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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001476 Percent of completed restoration projects that meet plan specifications.			
Biennium	Period	Actual	Target
2015-17	Q8		100%
	Q7		100%
	Q6		100%
	Q5		100%
	Q4		100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%
2013-15	Q8	100%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%
2011-13	Q8	100%	100%
	Q7	100%	100%
	Q6	100%	100%
	Q5	100%	100%
	Q4	100%	100%
	Q3	100%	100%
	Q2	100%	100%
	Q1	100%	100%

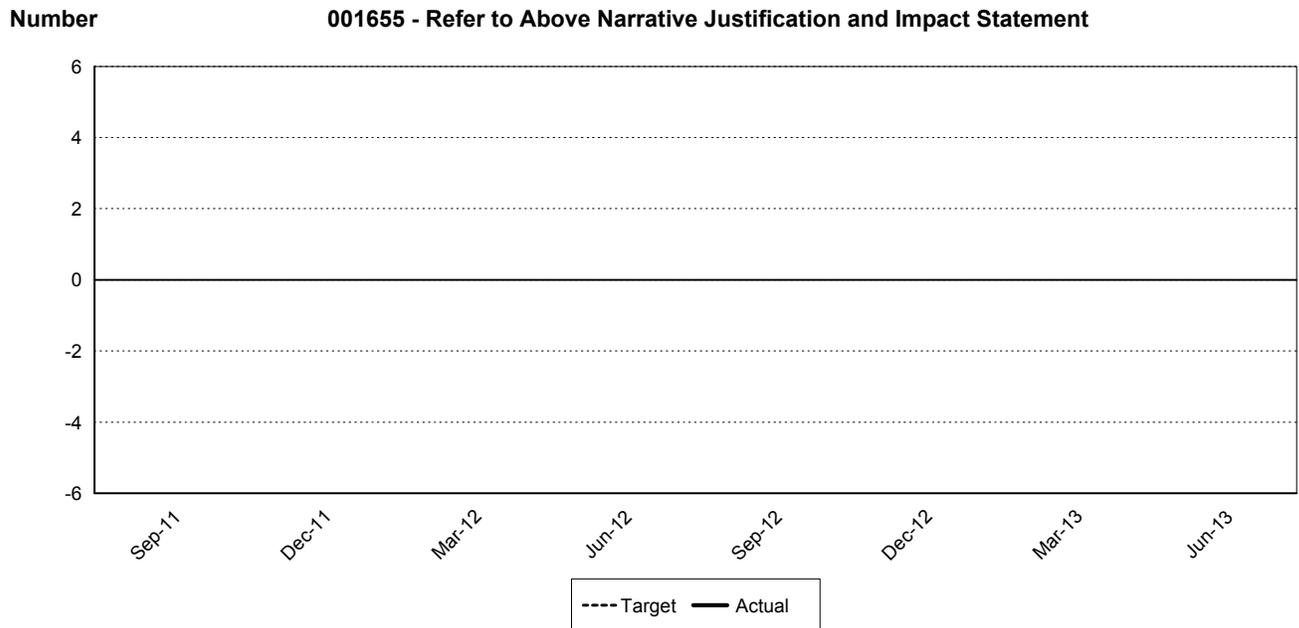
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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



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

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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	59.8	60.8	60.3
001 General Fund			
001-2 Federal	\$1,353,000	\$2,016,000	\$3,369,000
001-7 Private/Local	\$4,145,000	\$3,642,000	\$7,787,000
001 Account Total	\$5,498,000	\$5,658,000	\$11,156,000
173 State Toxics Control Account			
173-1 State	\$1,214,000	\$1,268,000	\$2,482,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

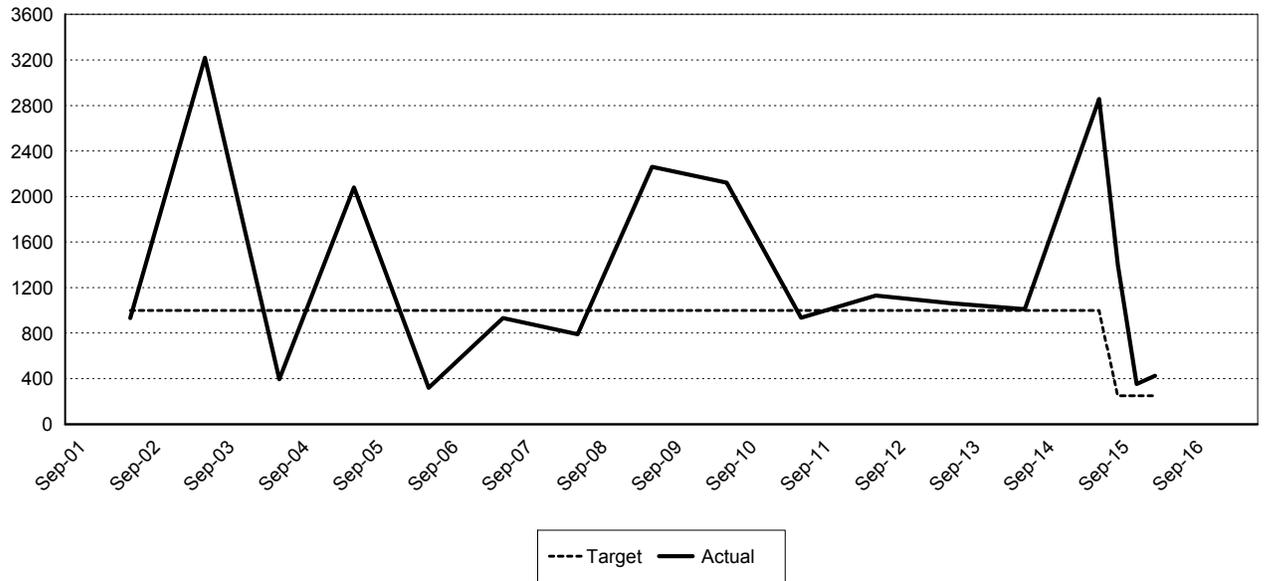
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

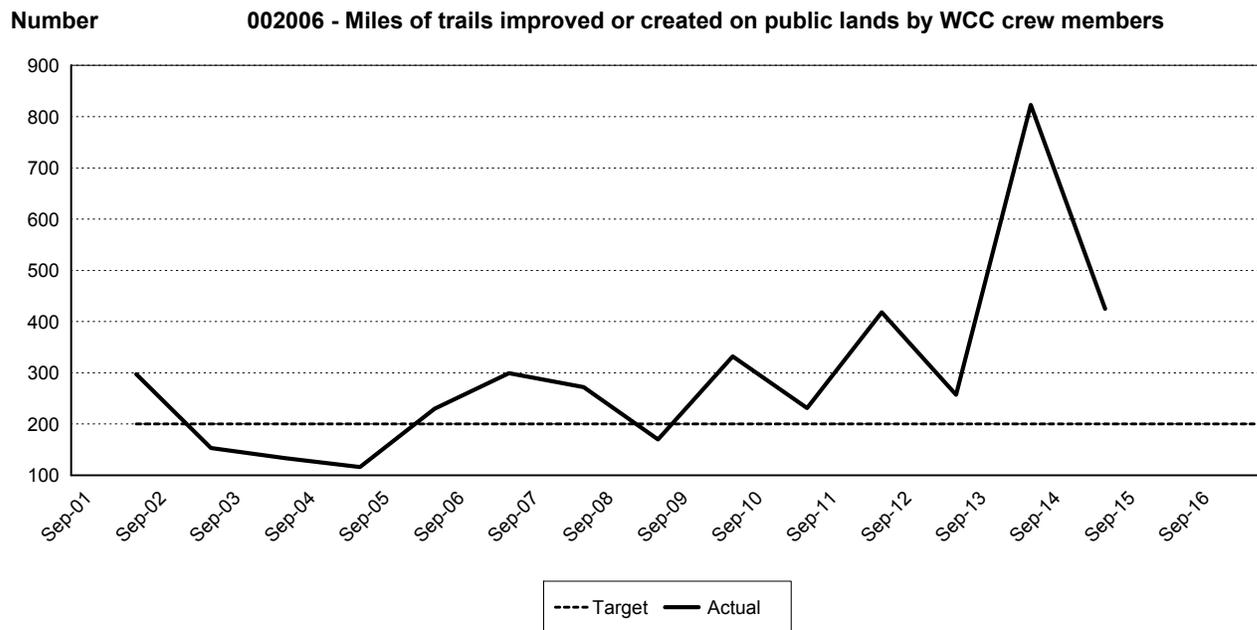
002005 Acres of habitat created or improved for fish and wildlife by WCC crew members. Reported annually.			
Biennium	Period	Actual	Target
2015-17	Q8		
	Q7		
	Q6		
	Q5		
	Q4		
	Q3	424	250
	Q2	353	250
	Q1	1,398	250
2013-15	Q8	2,857	1,000
	Q7		
	Q6		
	Q5		
	Q4	1,009	1,000
	Q3		
	Q2		
	Q1		
2011-13	Q8	1,063	1,000
	Q7		
	Q6		
	Q5		
	Q4	1,129	1,000
	Q3		
	Q2		
	Q1		

Number **002005 - Acres of habitat created or improved for fish and wildlife by WCC crew members**



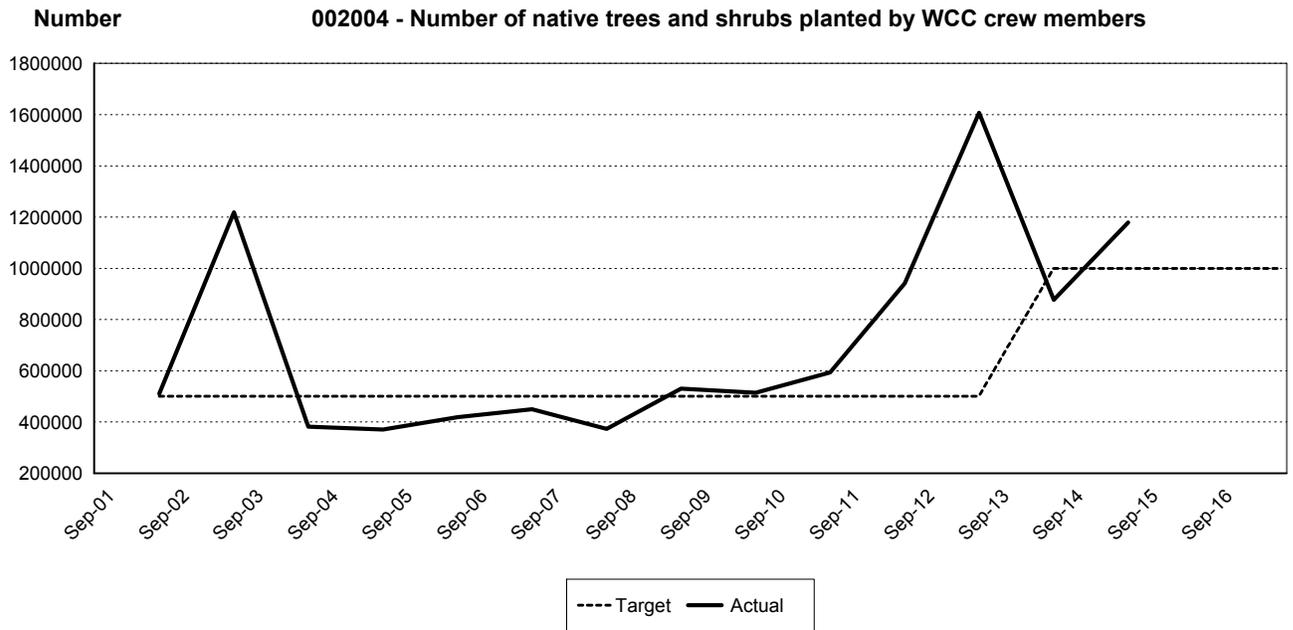
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

002006 Miles of trails improved or created on public lands by WCC crew members. Reported annually.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		200
	A2		
	A2		200
	A2		
	A1		
	A1		
	A1		
2013-15	A3		
	A3	425	200
	A2		
	A2	823	200
	A2		
	A2		
	A1		
	A1		
2011-13	A3		
	A3	257	200
	A2		
	A2	418	200
	A2		
	A2		
	A1		
	A1		



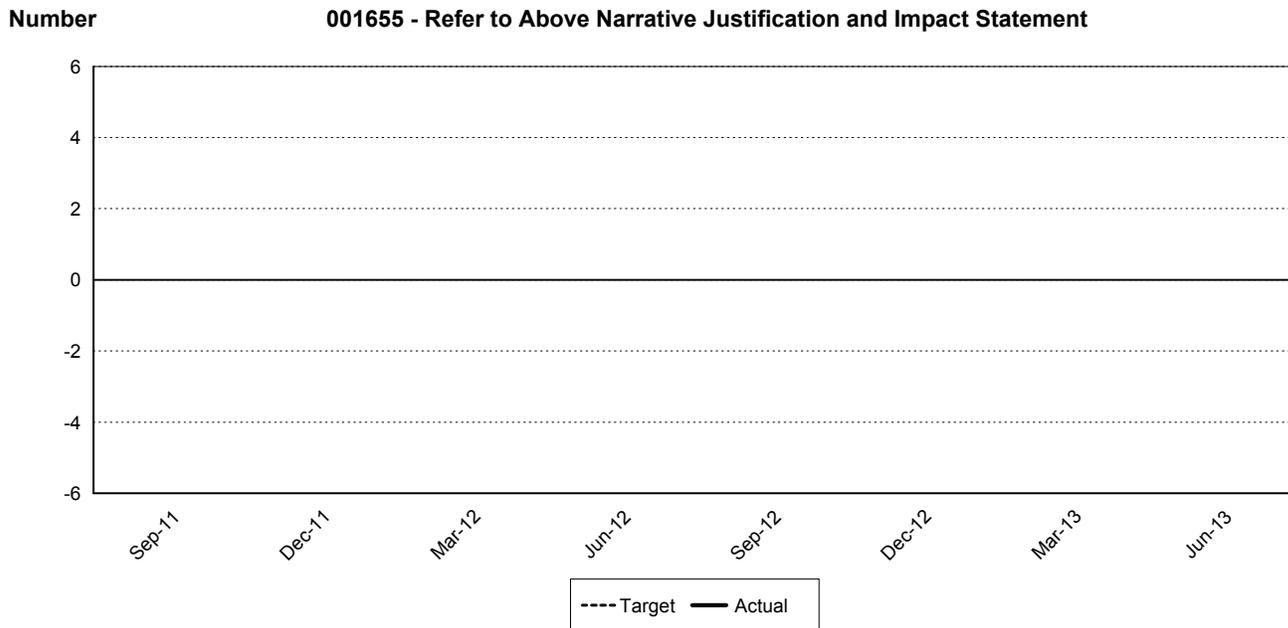
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

002004 Number of native trees and shrubs planted by WCC crew members. Reported annually.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		1,000,000
	A2		
	A2		1,000,000
	A2		
	A1		
	A1		
	2013-15	A3	
A3		1,179,464	1,000,000
A2			
A2		876,642	1,000,000
A2			
A2			
A1			
A1			
2011-13	A3		
	A3	1,607,260	500,000
	A2		
	A2	941,471	500,000
	A2		
	A2		
	A1		
	A1		



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	28.0	28.1	28.1
19G Environmental Legacy Stewardship Account			
19G-1 State	\$461,000	\$501,000	\$962,000
173 State Toxics Control Account			
173-1 State	\$2,101,000	\$2,278,000	\$4,379,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Preserve, maintain and restore natural systems and landscapes

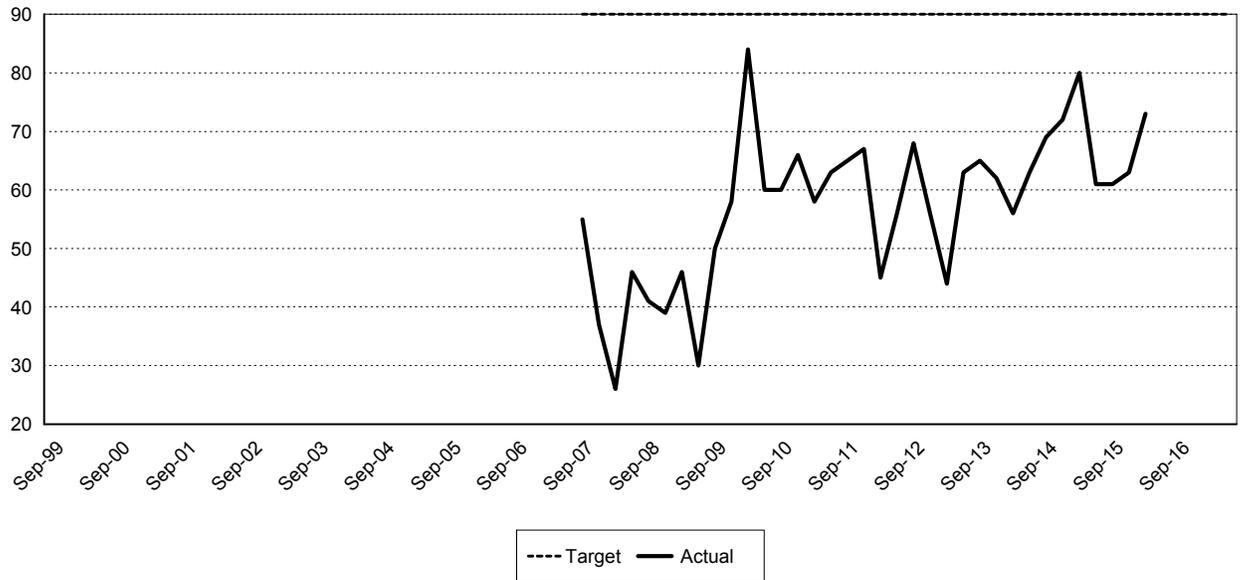
Expected Results

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

001504 Average number of days to provide an assessment of a plan or report received from a voluntary cleanup program applicant.			
Biennium	Period	Actual	Target
2015-17	Q8		90
	Q7		90
	Q6		90
	Q5		90
	Q4		90
	Q3	73	90
	Q2	63	90
	Q1	61	90
2013-15	Q8	61	90
	Q7	80	90
	Q6	72	90
	Q5	69	90
	Q4	63	90
	Q3	56	90
	Q2	62	90
	Q1	65	90
2011-13	Q8	63	90
	Q7	44	90
	Q6	56	90
	Q5	68	90
	Q4	56	90
	Q3	45	90
	Q2	67	90
	Q1	65	90

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

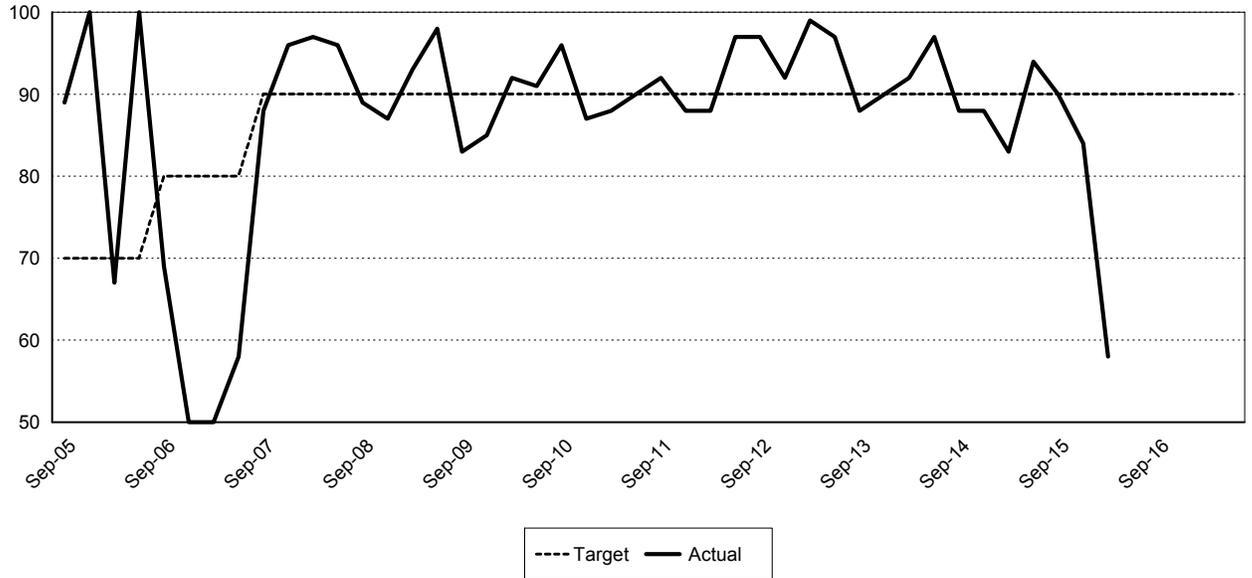


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001502 Percent of the voluntary cleanup program applicants who receive an assessment of their plan or report within 90 days.			
Biennium	Period	Actual	Target
2015-17	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3	58%	90%
	Q2	84%	90%
	Q1	90%	90%
2013-15	Q8	94%	90%
	Q7	83%	90%
	Q6	88%	90%
	Q5	88%	90%
	Q4	97%	90%
	Q3	92%	90%
	Q2	90%	90%
	Q1	88%	90%
2011-13	Q8	97%	90%
	Q7	99%	90%
	Q6	92%	90%
	Q5	97%	90%
	Q4	97%	90%
	Q3	88%	90%
	Q2	88%	90%
	Q1	92%	90%

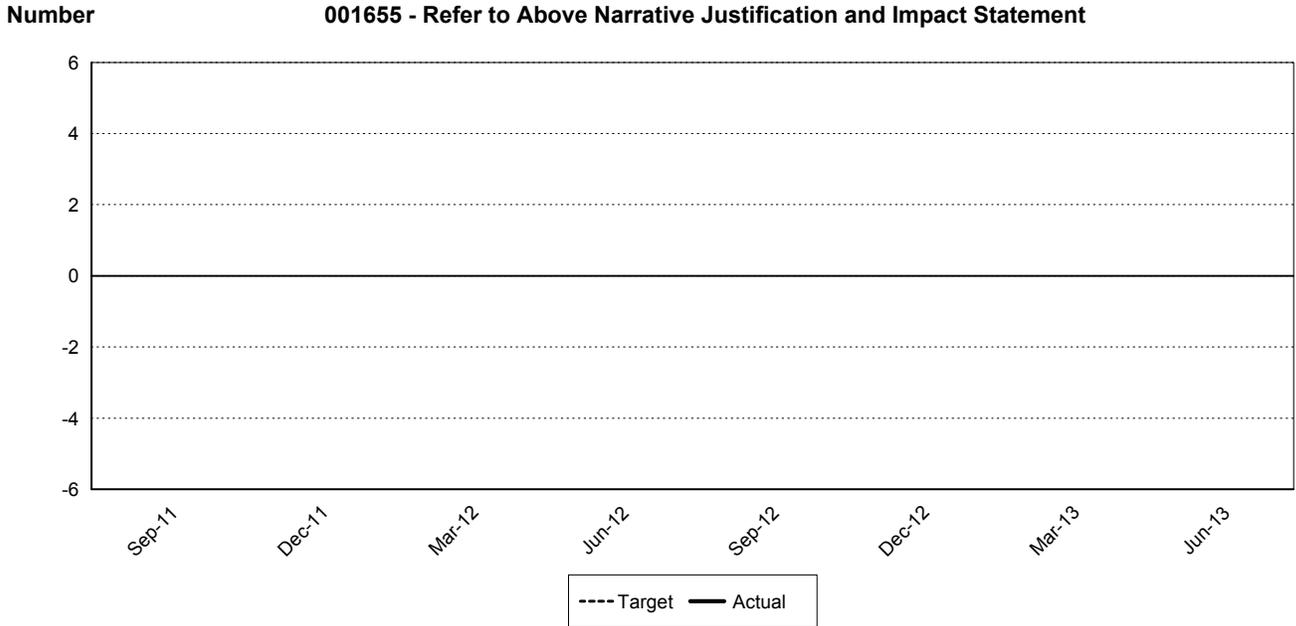
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Percent **001502 - Percent of the voluntary cleanup program applicants who receive an assessment of their plan or repor**



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A058 Provide Streamlined Project Permitting for Transportation Projects

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	0.8	0.8	0.8
001 General Fund			
001-2 Federal	\$24,000	\$24,000	\$48,000
173 State Toxics Control Account			
173-1 State	\$47,000	\$50,000	\$97,000

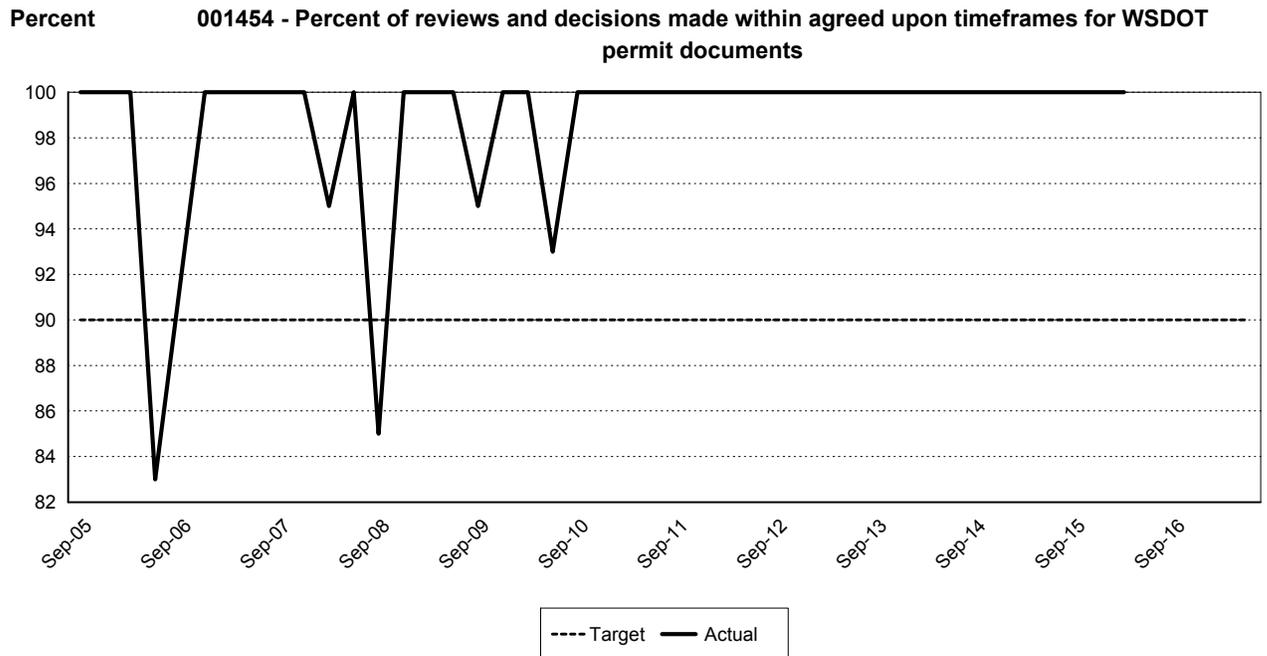
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

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

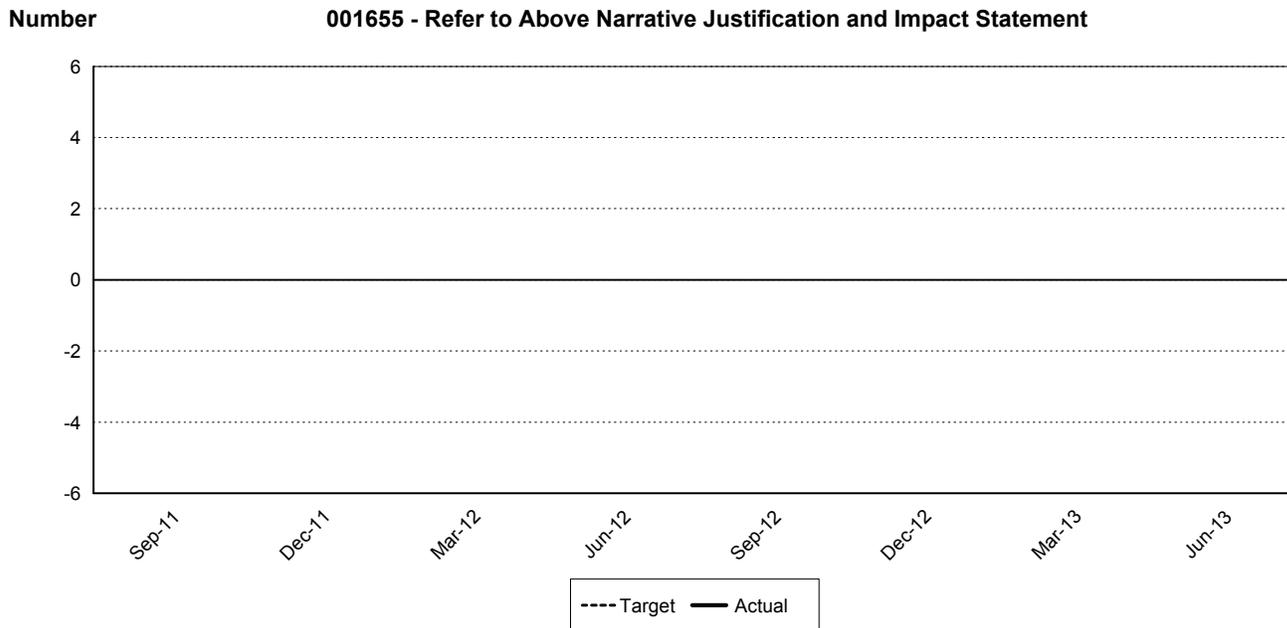
001454 Percent of reviews and decisions from Ecology's Transportation Team made within agreed upon timeframes for WSDOT's applications, permits, NEPA/SEPA documents, or other environmental documents.			
Biennium	Period	Actual	Target
2015-17	Q8		90%
	Q7		90%
	Q6		90%
	Q5		90%
	Q4		90%
	Q3	100%	90%
	Q2	100%	90%
	Q1	100%	90%
2013-15	Q8	100%	90%
	Q7	100%	90%
	Q6	100%	90%
	Q5	100%	90%
	Q4	100%	90%
	Q3	100%	90%
	Q2	100%	90%
	Q1	100%	90%
2011-13	Q8	100%	90%
	Q7	100%	90%
	Q6	100%	90%
	Q5	100%	90%
	Q4	100%	90%
	Q3	100%	90%
	Q2	100%	90%
	Q1	100%	90%

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A061 Support Water Use Efficiency

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

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	2.7	2.7	2.7
001 General Fund			
001-1 State	\$64,000	\$71,000	\$135,000
001-2 Federal	\$100,000	\$100,000	\$200,000
001 Account Total	\$164,000	\$171,000	\$335,000
072 State and Local Improvements Revolving Account (Water Supply Facilities)			
072-1 State	\$61,000	\$63,000	\$124,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Achieve sustainable use of public natural resources

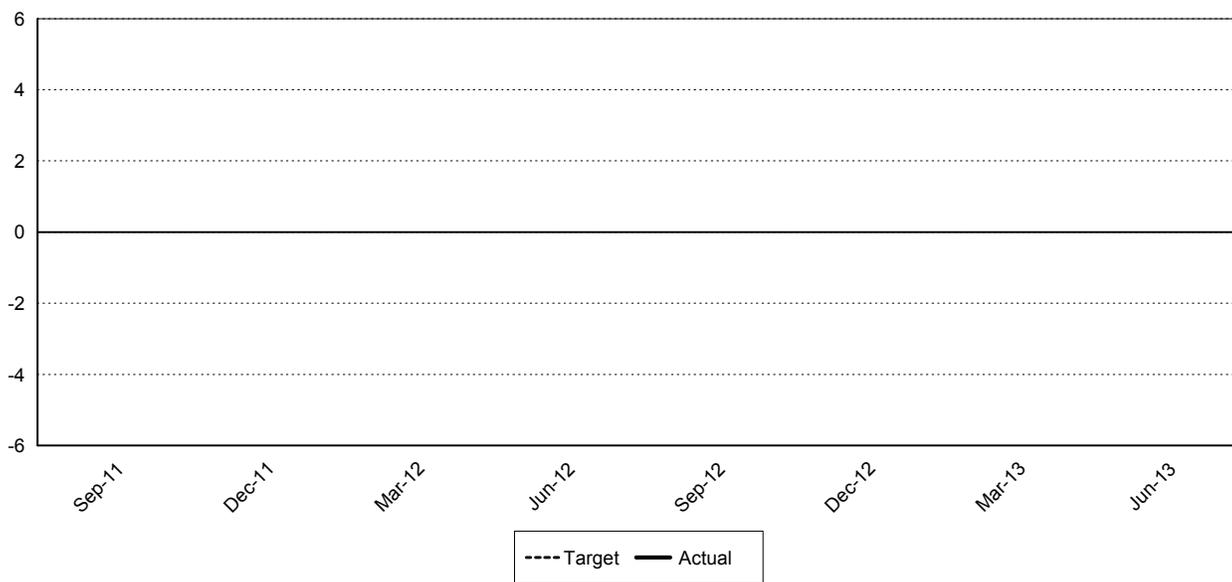
Expected Results

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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

Number 001655 - Refer to Above Narrative Justification and Impact Statement



A063 Climate Change Mitigation and Adaptation

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

State law sets limits on emissions of greenhouse gases and establishes a portfolio of policies to reduce energy use, and build a clean energy economy. It also lays out requirements to prepare for and respond to climate changes that are already underway and unavoidable. To better understand the volume and sources of greenhouse gas emissions in the state, Ecology conducts a biennial emissions inventory and will implement a program for mandatory greenhouse gas reporting. To help the state achieve its greenhouse gas targets, Ecology will continue to provide technical and analytical support to state decision makers, and will also continue its efforts to monitor and influence federal initiatives that reduce greenhouse gas emissions. Ecology will continue to assist local governments and state agencies identify and report their greenhouse gas emissions and develop strategies to reduce those emissions.

To help citizens, business, and local governments cope with existing and projected climate changes Ecology has worked in concert with other designated agencies to develop an integrated climate change response strategy. Ecology will continue its efforts to make information about climate change impacts readily accessible to decision makers in the public and private sectors, as well as the public.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	8.1	8.1	8.1
216 Air Pollution Control Account			
216-1 State	\$320,000	\$312,000	\$632,000
001 General Fund			
001-1 State	\$574,000	\$607,000	\$1,181,000

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Achieve sustainable use of public natural resources

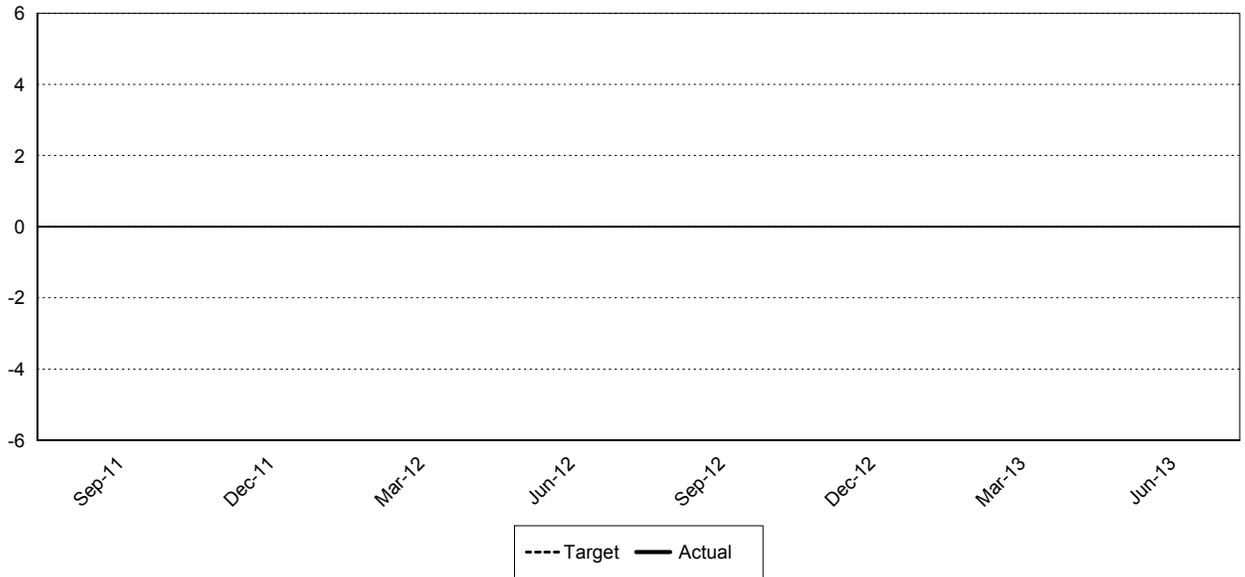
Expected Results

Greenhouse gas emissions are reduced.
 Detailed sector-by-sector greenhouse gas emission inventories are updated regularly for policy makers and the public.
 Information from the greenhouse gas reporting program better informs policy makers and the public about sources of greenhouse gas emissions. State agency and local government emissions are known and reduction strategies are in place. The Governor’s Executive Order 12-07 on ocean acidification is implemented. New strategies to reduce emissions are undertaken as a result of the recommendations of the Climate Legislative and Executive Workgroup.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

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

Number 001655 - Refer to Above Narrative Justification and Impact Statement

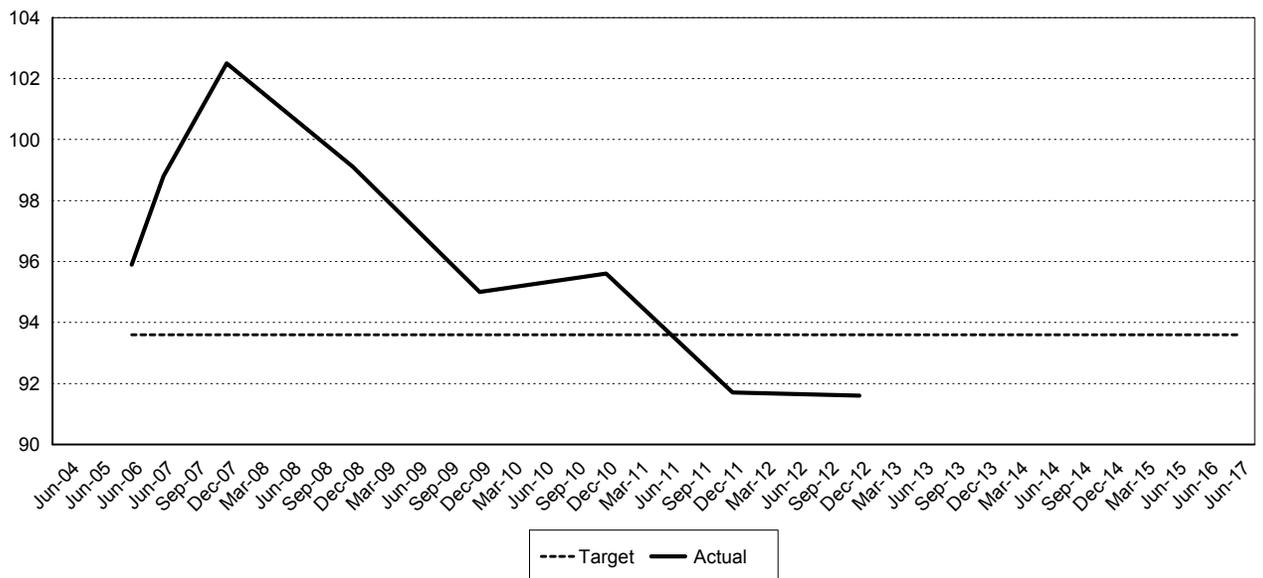


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001009 Tons of greenhouse gas emissions produced statewide.			
Target: 2020 statutory target equal to statewide emissions level of 93.6* million metric tons (mmt) of carbon dioxide equivalents (CO2e) in 1990.			
*Updated			
Biennium	Period	Actual	Target
2015-17	A3		93.6
	A2		93.6
2013-15	A3		
	A3		
	A2		93.6
	A1		
	A1		93.6
2011-13	A3		
	A3		
	A2	91.6	93.6
	A1		
	A1	91.7	93.6

Number

001009 - Tons of greenhouse gas emissions produced statewide



A064 Manage Solid Waste Safely

As the state moves toward reducing the amount and toxicity of waste, there are still wastes that need to be managed properly. Improper disposal practices of the past have resulted in today’s cleanup sites. Ecology negotiates and implements cleanup orders under the Model Toxics Control Act (MTCA) at solid waste facilities. Local health jurisdictions are responsible for facility permitting and compliance. Ecology provides technical assistance, engineering and hydrogeology expertise, and oversight to local health departments to ensure that solid waste handling and disposal facilities are in compliance with environmental requirements.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	21.2	21.2	21.2
001 General Fund			
001-7 Private/Local	\$25,000	\$25,000	\$50,000
174 Local Toxics Control Account			
174-1 State	\$266,000	\$260,000	\$526,000
173 State Toxics Control Account			
173-1 State	\$1,930,000	\$1,937,000	\$3,867,000

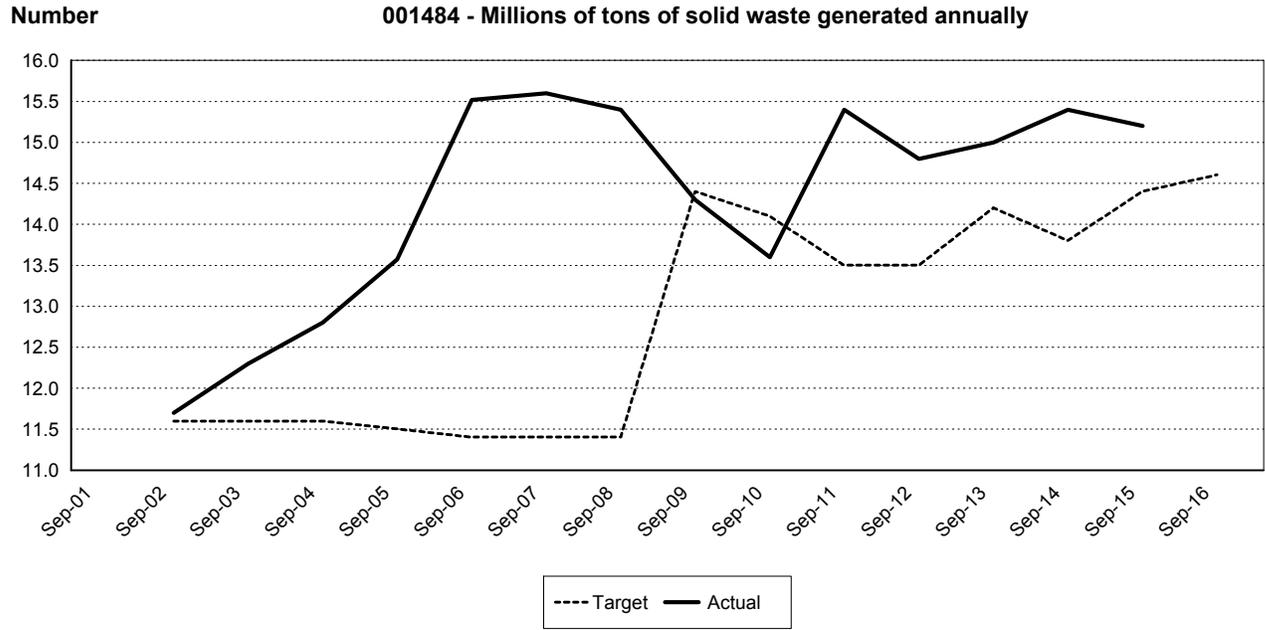
Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

Disposed solid waste is managed in environmentally compliant facilities. Solid waste handling and disposal practices are carried out in a way that minimizes toxic contamination to the state's groundwater, surface water, and air. Technical assistance is provided to jurisdictional health departments to ensure facility compliance with environmental regulations.

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

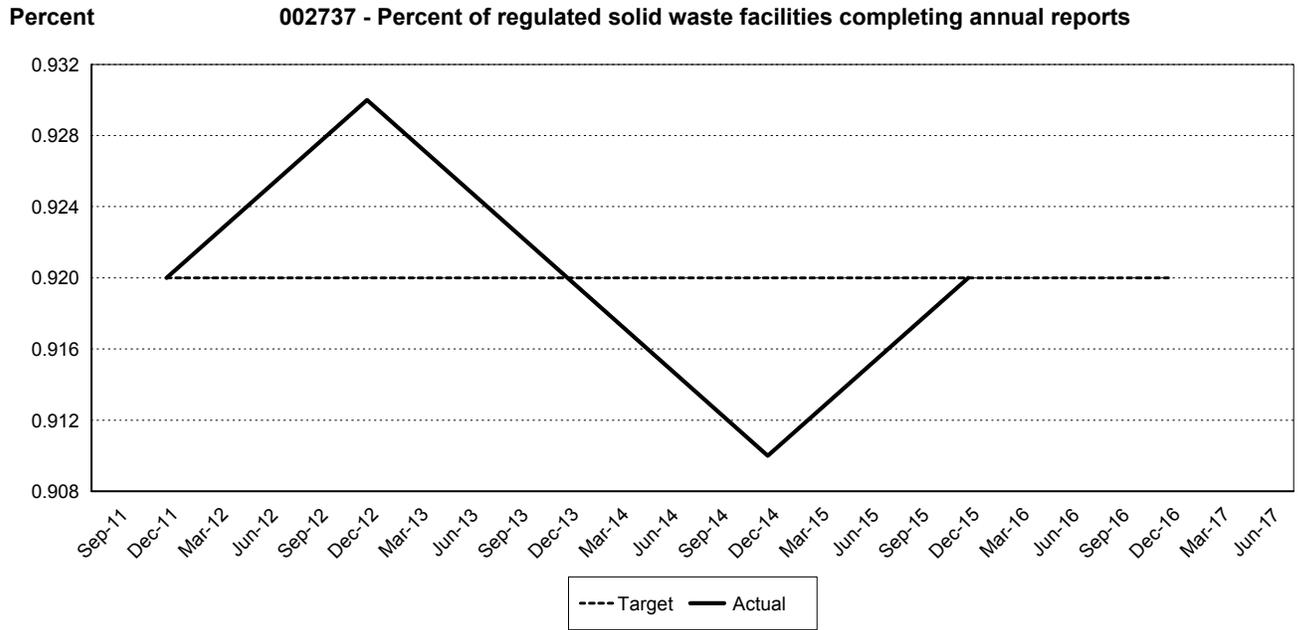
001484 Million of tons of solid waste generated annually in Washington. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		14.6
	A1		
	A1	15.2	14.4
2013-15	A3		
	A3		
	A2	15.4	13.8
	A1		
2011-13	A1	15	14.2
	A3		
	A3		
	A2	14.8	13.5
	A1		
A1	15.4	13.5	



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

002737 Percent of regulated solid waste facilities completing annual reports in a calendar year.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		0.92%
	A1		
	A1	0.92%	0.92%
2013-15	A3		
	A3		
	A2	0.91%	0.92%
	A1		
2011-13	A1	0.92%	0.92%
	A3		
	A3		
	A2	0.93%	0.92%
	A1		
A1	0.92%	0.92%	

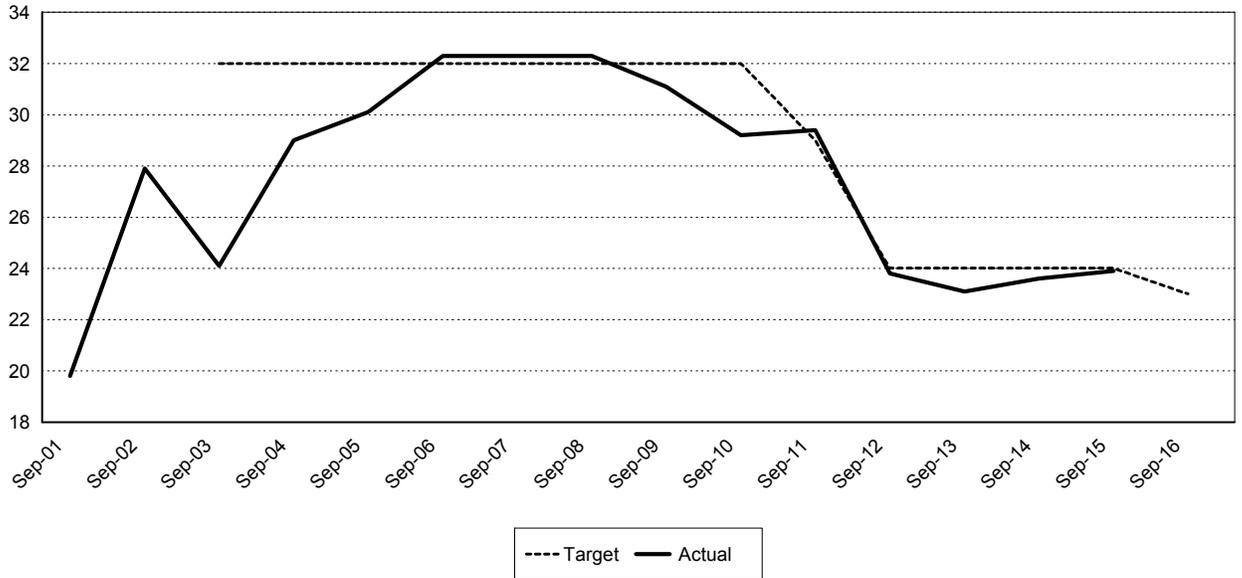
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001495 Million pounds of household and small quantity generator hazardous wastes that are recycled or properly disposed. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		23
	A1		
	A1	23.9	24
2013-15	A3		
	A3		
	A2	23.6	24
	A1		
	A1	23.1	24
2011-13	A3		
	A3		
	A2	23.8	24
	A1		
	A1	29.4	29

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

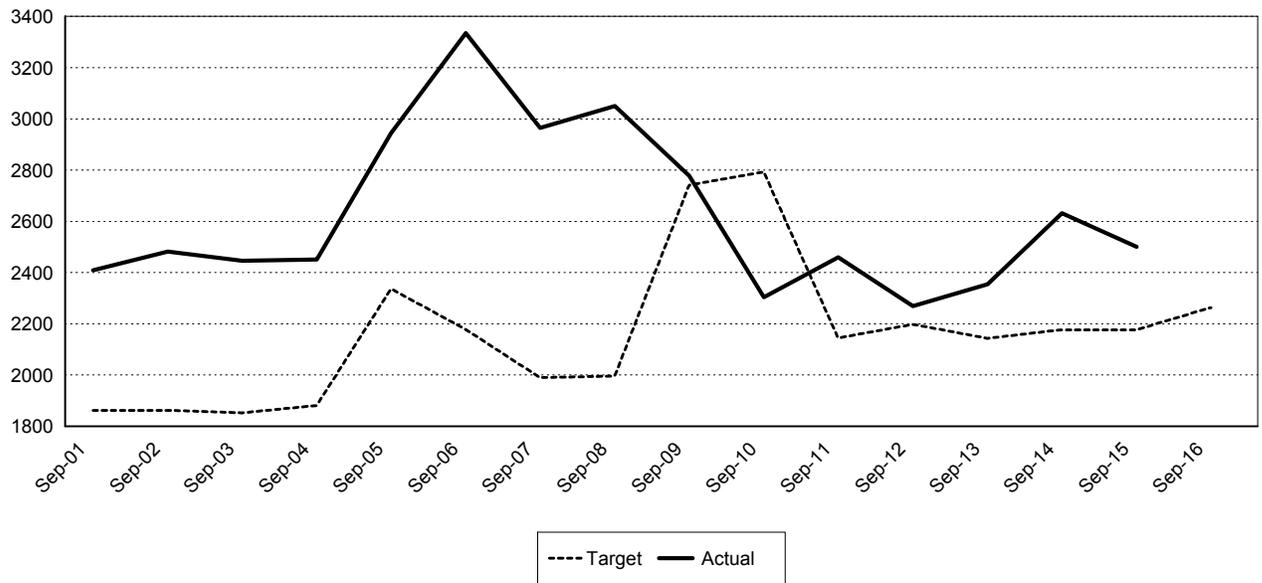


Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

001485 Pounds of solid waste disposed annually per person by Washington residents and businesses. Reported annually in Quarters 2 and 6.			
Biennium	Period	Actual	Target
2015-17	A3		
	A3		
	A2		2,263
	A1		
	A1	2,500	2,176
2013-15	A3		
	A3		
	A2	2,632	2,176
	A1		
	A1	2,354	2,143
2011-13	A3		
	A3		
	A2	2,269	2,197
	A1		
	A1	2,460	2,144

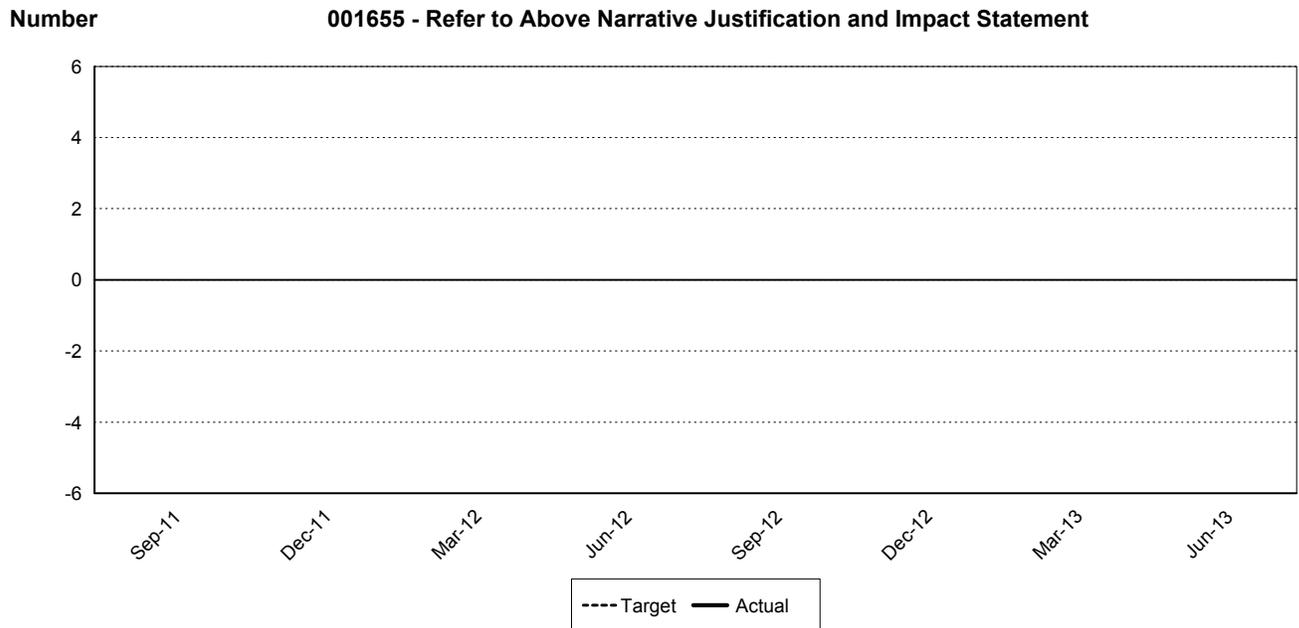
Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001485 - Pounds of solid waste disposed annually per person by residents and businesses



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity



A065 Reduce Toxic Chemicals in Products and Promote Safer Alternatives

Toxic chemicals in some types of consumer products have been found to be a source of pollution in our environment and have the potential to harm humans. Reducing toxic chemicals in products over time will lower the risks to people and the environment.

Ecology employs several strategies to achieve this goal, including: identifying chemicals of concern in consumer products and promoting safer alternatives to identified chemicals; promoting green chemistry; promoting environmentally preferred purchasing; sampling and enforcing statutory reporting requirements and standards related to childrens products; enforcing toxics limits in such products as lead wheel weights, coal tar sealants, and copper brake pads; and testing for metal and enforcing limits in packaging.

Program OMN - Department of Ecology-Omnibus

Account	FY 2016	FY 2017	Biennial Total
FTE	22.2	22.1	22.2
19G Environmental Legacy Stewardship Account			
19G-1 State	\$561,000	\$556,000	\$1,117,000
001 General Fund			
001-2 Federal	\$178,000	\$174,000	\$352,000
207 Hazardous Waste Assistance Account			
207-1 State	\$452,000	\$490,000	\$942,000
173 State Toxics Control Account			
173-1 State	\$732,000	\$744,000	\$1,476,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Statewide Result Area: Sustainable Energy and a Clean Environment
Statewide Strategy: Establish safeguards and standards to prevent and manage pollution

Expected Results

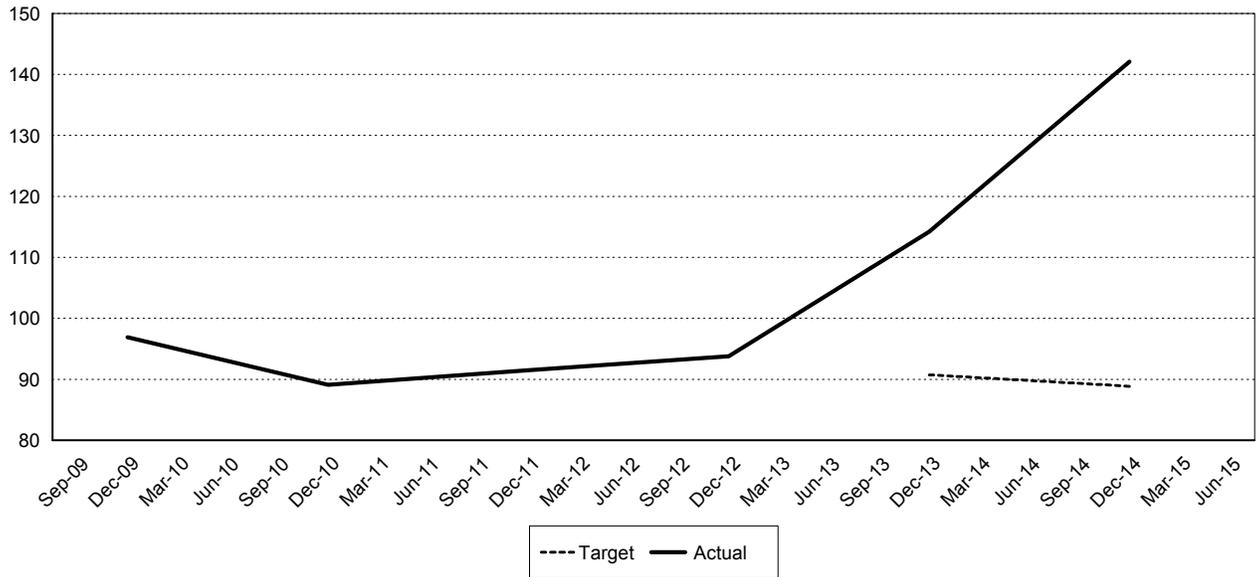
Environmental and human exposure to toxic chemicals will be reduced over time, including:

- Collecting or capturing an additional 4,500 pounds of mercury from sources such as schools, labs fluorescent lamps, automotive switches and thermometers.
- Promoting and sharing with businesses up to 100 hazard assessments, thus enabling them to replace chemicals of concern with safer alternatives.

002491 Pounds of toxic substances used by Washington businesses and facilities required to submit pollution prevention plans (in millions of pounds).			
Biennium	Period	Actual	Target
2013-15	Q8		
	Q7		
	Q6	142.1	88.84
	Q5		
	Q4		
	Q3		
	Q2	114.2	90.7
	Q1		
2011-13	Q8		
	Q7		
	Q6	93.8	
	Q5		
	Q4		
	Q3		
	Q2	91.5	
	Q1		

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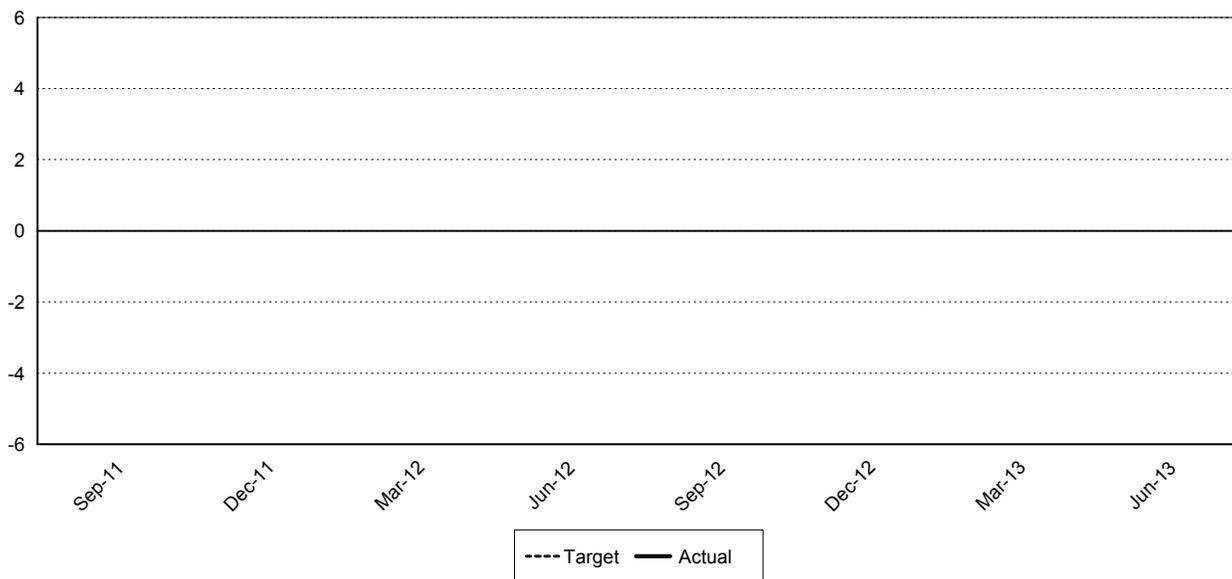
Number **002491 - Pounds of toxic substances used by Washington industries**



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

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

Number 001655 - Refer to Above Narrative Justification and Impact Statement



Grand Total

	FY 2016	FY 2017	Biennial Total
FTE's	1,623.3	1,601.2	1,612.3
GFS	\$24,537,000	\$24,623,000	\$49,160,000
Other	\$206,742,000	\$212,206,000	\$418,948,000
Total	\$231,279,000	\$236,829,000	\$468,108,000

Appropriation Period: 2015-17 Activity Version: 2D - 2016 Supplemental 1 Recast Sort By: Activity

<u>Parameter</u>	<u>Entered As</u>
Budget Period	2015-17
Agency	461
Version	2D - 2016 Supplemental 1 Recast
Result Area	All Result Areas
Activity	All Activities
Program	All Programs
Sub Program	All Sub Programs
Account	All Accounts
Expenditure Authority Type	All Expenditure Authority Types
Theme	All
Sort By	Activity
Display All Account Types	Yes
Include Policy Level	Yes
Include Activity Description	Yes
Include Statewide Result Area	Yes
Include Statewide Strategy	Yes
Include Expected Results Text	Yes
Include Charts	Yes
Chart Type	Line
Include Parameter Selections	Yes
Version Source	OFM