

**Goal 5: Compliance and Environmental Stewardship**

<p><u>Current (2006-2011) Strategic Plan</u></p> <p>Objective                      Sub-objective                      Strategic Target</p>	<p><u>Proposed (2009-2014) Strategic Plan</u></p> <p>Objective                      Sub-objective                      Strategic Measure</p>
<p align="center"><b>GOAL 5: COMPLIANCE AND ENVIRONMENTAL STEWARDSHIP</b></p> <p><b>Protect human health and the environment through ensuring compliance with environmental requirements by enforcing environmental statutes, preventing pollution, and promoting environmental stewardship. Encourage innovation and provide incentives for governments, tribes, businesses, and the public that promote environmental stewardship and long-term sustainable outcomes.</b></p>	
<p><b>5.1 Achieve Environmental Protection through Improved Compliance:</b> By 2011, maximize compliance to protect human health and the environment through enforcement and other compliance assurance activities by achieving a 5 percent increase in the pounds of pollution reduced, treated, or eliminated by regulated entities, including those in Indian country. (Baseline: 3-year rolling average FYs 2003-2005: 900,000,000 pounds.)</p>	<p><b>5.1 Achieve Environmental Protection through Improved Compliance:</b> Address environmental problems, promote compliance and deter violations, by achieving goals for national priorities and programs including those with potential environmental justice concerns and those in Indian country.</p>
<p><b>5.1.1 Compliance Assistance:</b> By 2011, prevent noncompliance or reduce environmental risks, with an emphasis on achieving results in all areas including those with potential environmental justice concerns, through EPA compliance assistance by maintaining or improving on the following percentages for direct assistance provided to regulated entities, including those in Indian country: 50 percent of the regulated entities receiving direct assistance improve environmental management practices; and 12 percent of the regulated entities receiving direct assistance reduce, treat, or eliminate pollution. (Baselines are determined each year based on prior year results.)</p>	<p><b>5.1.1 Address Environmental Problems from Air Pollution</b></p>
	<p><i>By 2014, reduce, treat, or eliminate XXX estimated pounds of air pollutants. Note: When reporting out the results for the pounds of pollutants estimated to be reduced, treated or eliminated measure, EPA will break out the "environmentally significant" pollutants for air. For this measure, OECA is defining "environmentally significant" as criteria air pollutants and air toxics. (Baseline TBD.)</i></p>
	<p><i>By 2014, achieve an investment of \$XX in pollution control equipment or practices for air. (Baseline TBD.)</i></p>
	<p><i>By 2014, increase the percentage of EPA activities resulting in implementation of improved environmental practices for air. Note: EPA is exploring a range of activities to be included in this measure's environmental results. Possible activities include cases, incentive initiatives, compliance assistance, and compliance monitoring. (Baseline TBD.)</i></p>

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<p><b>5.1.2 Compliance Incentives:</b> By 2011, identify and correct noncompliance and reduce environmental risks, with an emphasis on achieving results in all areas including those with potential environmental justice concerns. Use of compliance incentives will result in a 5 percentage point increase in the number of facilities that use EPA incentive policies to conduct environmental audits or other actions that reduce, treat, or eliminate pollution or improve environmental practices at their facilities, including those in Indian country. (Baseline: 3-year rolling average FYs 2003-2005: 940 facilities.)</p>	<p><b>5.1.2 Address Environmental Problems from Water Pollution</b></p>
	<p><i>By 2014, reduce, treat, or eliminate XXX estimated pounds of water pollutants. (Baseline TBD.) Note: when reporting results for the pounds of pollutants estimated to be reduced, treated, or eliminated measure, EPA will break out the "environmentally significant" water pollutants that affect the top 5 to 10 causes of impairment to waters. For this measure, these "environmentally significant" pollutants are nutrients (with related environmental effects), pathogens, mercury, other metals, sediment/turbidity, toxic organics, pH, temperature, and salinity.</i></p>
	<p><i>By 2014, achieve an investment of \$XX in pollution control equipment or practices for water. (Baseline TBD.)</i></p>
	<p><i>By 2014, increase by X percent EPA activities resulting in implementation of improved environmental practices for water. Note: EPA is exploring a range of activities to be included in this measure's environmental results. Possible activities include cases, incentive initiatives, compliance assistance, and compliance monitoring. (Baseline TBD.)</i></p>

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<p><b>5.1.3 Monitoring and Enforcement:</b> By 2011, identify, correct, and deter noncompliance and reduce environmental risks, with an emphasis on achieving results in all areas including those with potential environmental justice concerns, through monitoring and enforcement of regulated entities' compliance, including those in Indian country, by achieving: a 5 percent increase in the number of facilities taking complying actions during EPA inspections and evaluations after deficiencies have been identified (baseline to be determined based on FY 2006 results); a 5 percentage point increase in the percent of enforcement actions requiring that pollutants be reduced, treated, or eliminated (FY 2005 baseline: 28.8 percent); and a 5 percentage point increase in the percent of enforcement actions requiring improvement of environmental management practices (FY 2005 baseline: 72.5 percent).</p>	<p><b>5.1.3 Address Environmental Problems from Waste, Toxics, and Pesticides Pollution</b></p>
	<p><i>By 2014, reduce, treat, or eliminate XXX estimated pounds of waste, toxics, and pesticides pollutants. Note: EPA is analyzing methods for reporting out "environmentally significant" pollutants for the pounds of pollutants estimated to be reduced, treated, or eliminated measure but has not yet selected the methodology. EPA is currently exploring a toxicity equivalent approach to this measure. (Baseline TBD.)</i></p>
	<p><i>By 2014, achieve an investment of \$XX in pollution control equipment, practices, and future response actions for waste, toxics, and pesticides. (Baseline TBD.)</i></p>
	<p><i>By 2014, increase the percentage of EPA activities resulting in implementation of improved waste, toxics, and pesticide practices. Note: EPA is exploring a range of activities to be included in this measure's environmental results. Possible activities include cases, incentive initiatives, compliance assistance, and compliance monitoring. (Baseline TBD.)</i></p>
	<p><b>5.1.4 Criminal Enforcement</b></p>
	<p><i>By 2014, increase the severity of the crimes investigated (as measured by the percent of open high impact cases). (Baseline TBD.)</i></p>
	<p><i>By 2014, there will be an annual recidivism rate of X percent. (Baseline TBD.)</i></p>
	<p><i>By 2014, X percent of closed cases will have a criminal enforcement consequence (indictment, conviction, fine, or penalty). (Baseline TBD.)</i></p>

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	<i>By 2014, X percent of charged cases will have an individual that was charged. (Baseline TBD.)</i>
<b>5.2 Improve Environmental Performance through Pollution Prevention and Other Stewardship Practices:</b> By 2011, enhance public health and environmental protection and increase conservation of natural resources by promoting pollution prevention and the adoption of other stewardship practices by companies, communities, governmental organizations, and individuals.	<b>5.2 Improve Environmental Performance through Pollution Prevention and Other Stewardship Practices:</b> By 2014, enhance public health and environmental protection and increase conservation of natural resources by promoting pollution prevention and the adoption of other stewardship practices by companies, communities, governmental organizations, and individuals.
<b>5.2.1 Prevent Pollution and Promote Environmental Stewardship:</b> By 2011, reduce pollution, conserve natural resources, and improve other environmental stewardship practices while reducing costs through implementation of EPA's pollution prevention programs.	<b>5.2.1 Prevent Pollution and Promote Environmental Stewardship</b>
By 2011, reduce 4.5 billion pounds of hazardous materials cumulatively compared to the 2000 baseline of 44 million pounds reduced.	By 2014, reduce 6.5 billion pounds of hazardous materials cumulatively compared to the 2007 baseline of 2.5 billion pounds.
	<i>By 2014, pollution prevention program participants will reduce xx million pounds of Chemical Assessment and Management Program (ChAMP) high priority chemicals of special concern cumulatively compared to the 2007 baseline of xx million pounds reduced.</i>
	<i>By 2014, reduce xx million pounds of ChAMP high priority chemicals of special concern across all participating Agency programs.</i>
By 2011, reduce, conserve, or offset 31.5 trillion British Thermal Units (BTUs) cumulatively compared to the 2002 baseline amount of 0 BTUs reduced, conserved, or offset.	By 2014, reduce, conserve, or offset 10 million metric tons of carbon equivalent (MMTCE) compared to the 2008 baseline amount of 2.5 MMTCE reduced, conserved, or offset.
By 2011, reduce water use by 19 billion gallons cumulatively compared to the 2000 baseline amount of 220 million gallons reduced.	By 2014, reduce water use by 50 billion gallons cumulatively compared to the 2007 baseline amount of 11 billion gallons reduced.
By 2011, save \$791.9 million through pollution prevention improvements in business, institutional, and governmental costs cumulatively compared to the 2002 baseline of \$0.0 saved.	By 2014, save \$2.0 billion through pollution prevention improvements in business, institutional, and government costs cumulatively compared to the 2007 baseline of \$300 million dollars saved.
By 2011, reduce 4 million pounds of priority chemicals from waste streams as measured by National Partnership for Environmental Priorities (NPEP) contributions, Supplemental Environmental Projects (SEPs), and other tools used by EPA to achieve priority chemical reductions.	By 2014, reduce 4 million pounds of priority chemicals as measured by the National Partnership for Environmental Priorities program, Supplemental Environmental Projects, and contributions from other tools used by EPA to achieve chemical reductions throughout the lifecycle of products.

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<p><b>5.2.2 Promote Improved Environmental Performance through Business and Community Innovation:</b> Promote Improved Environmental Performance Through Business and Community Innovation. Through 2011, improve environmental performance with sustainable outcomes through sector-based approaches, performance-based programs, and assistance to small business.</p>	<p><b>5.2.2 Business and Community Innovation</b></p>
<p>By FY 2011, the reported results of Performance Track member facilities collectively will show the following normalized annual reductions: 5.1 billion gallons in water use; 13,000 tons of hazardous materials use; 230,000 megatons of carbon dioxide equivalent (MTCO<sub>2</sub>E) of greenhouse gases; 300 tons of toxic discharges to water; and 5,500 tons of combined NO<sub>x</sub>, SO<sub>x</sub>, VOC, and PM emissions. (Performance Track member facilities make commitments to, and report yearly progress on, performance improvements in up to four environmental areas. In FY 2005, Performance Track members achieved normalized annual reductions of 3.4 billion gallons in water use; 8,794 tons of hazardous materials use; 151,129 MTCO<sub>2</sub>E of greenhouse gases; 186 tons of toxic discharges to water; and 3,533 tons of combined NO<sub>x</sub>, SO<sub>x</sub>, VOC, and PM emissions.)</p>	<p>By FY 2014, the reported results of Performance Track member facilities collectively will show the following normalized cumulative reductions: XX billion gallons in water use; XX tons of hazardous materials use; XX megatons of carbon dioxide equivalent (MTCO<sub>2</sub>E) of greenhouse gases; XX tons of toxic discharges to water; and XX tons of combined NO<sub>x</sub>, SO<sub>x</sub>, VOC, and PM emissions. (Performance Track member facilities set goals and report yearly progress on, performance improvements in up to four environmental areas. In FY 2007, Performance Track members achieved normalized cumulative reductions of 18.6 billion gallons in water use; 89,200 tons of hazardous materials use; 1.2 million MTCO<sub>2</sub>E of greenhouse gases; 3,900 tons of toxic discharges to water; and 57,700 tons of combined NO<sub>x</sub>, SO<sub>x</sub>, VOC, and PM emissions.)</p>
<p>By 2011, the participating manufacturing and service sectors in the Sector Strategies Program will achieve an aggregate 10 percent reduction in environmental releases to air, water, and land, working from a 2004 baseline and normalized to reflect economic growth. (Baseline and normalization factors to be developed by December 2006.)</p>	<p>By 2014, the participating manufacturing and service sectors in the Sector Strategies Program will achieve an aggregate XX percent reduction in environmental releases to air, water, and land, working from a 2004 baseline and normalized to reflect economic growth.</p>

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<p><b>5.2.3 Promote Environmental Policy Innovation:</b> Through 2011, achieve measurably improved environmental results, promote stewardship behavior, and advance sustainable outcomes by testing, evaluating, and applying alternative approaches to environmental protection in states, companies, and communities. This work also will seek to improve the organizational cost effectiveness and efficiency for regulatory agencies as well as regulated entities.</p> <p>By 2011, innovation projects under the State Innovation Grant Program and other piloting mechanisms will achieve, on average, an 8 percent or greater improvement in environmental results (such as reductions in air or water discharges, improvements in ambient water or air quality, or improvements in compliance rates), or a 5 percent or greater improvement in cost effectiveness and efficiency. (Each project's achievement will be measured by the goals established in the grantee's proposal. Baselines for ambient conditions or pollutant discharges or costs of compliance will be developed at the beginning of each project, and improvements for each project will be measured after full implementation of the innovative practice.)</p>	<p><b>5.2.3 Promote Environmental Policy Innovation</b></p> <p>By 2014, innovation projects under the State Innovation Grant Program and other piloting mechanisms will achieve, on average, an 8 percent or greater improvement in environmental results (such as reductions in air or water discharges, improvements in ambient water or air quality, or improvements in compliance rates), or a 5 percent or greater improvement in cost effectiveness and efficiency. (Each project's achievement will be measured by the goals established in the grantee's proposal. Baselines for ambient conditions or pollutant discharges or costs of compliance will be developed at the beginning of each project, and improvements for each project will be measured after full implementation of the innovative practice.)</p>
<p><b>5.3 Improve Human Health and the Environment in Indian Country:</b> Protect human health and the environment on tribal lands by assisting federally-recognized tribes to build environmental management capacity, assess environmental conditions and measure results, and implement environmental programs in Indian country.</p>	<p><b>5.3 Improve Human Health and the Environment in Indian Country:</b> Protect human health and the environment on tribal lands by assisting federally-recognized tribes to build environmental management capacity, assess environmental conditions and measure results, and implement environmental programs in Indian country.</p>

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	<b>5.3.1 Improve Human Health and the Environment in Indian Country</b>
By 2011, increase the percent of tribes implementing federal environmental programs in Indian country to 9 percent. (FY 2005 baseline: 5 percent of 572 tribes.)	By 2014, increase the percent of tribes implementing federal regulatory environmental programs in Indian country by X percent. (FY 2008 baseline: 6 percent of 572 tribes.)
By 2011, increase the percent of tribes conducting EPA-approved environmental monitoring and assessment activities in Indian country to 26 percent. (FY 2005 baseline: 20 percent of 572 tribes.)	By 2014, increase the percent of tribes conducting EPA-approved environmental monitoring and assessment activities in Indian country by X percent. (FY 2008 baseline: 21 percent of 572 tribes.)
By 2011, increase the percent of tribes with an environmental program to 67 percent. (FY 2005 baseline: 54 percent of 572 tribes.)	By 2014, increase the percent of tribes with an environmental program by X percent. (FY 2008 baseline: 57 percent of 572 tribes.)
<b>5.4 Enhance Society's Capacity for Sustainability Through Science and Research:</b> Conduct leading-edge, sound scientific research on pollution prevention, new technology development, socioeconomics, sustainable systems, and decision-making tools. By 2011, the products of this research will be independently recognized as providing critical and key evidence in informing Agency policies and decisions and solving problems for the Agency and its partners and stakeholders.	<b>5.4 Enhance Society's Capacity for Sustainability Through Science and Research:</b> Conduct leading-edge, sound scientific research on pollution prevention, new technology development, and sustainable systems. The products of this research will provide critical and key evidence in informing Agency policies and decisions and solving complex multimedia problems for the Agency and its partners and stakeholders.
	<b>5.4.1 Science and Technology for Sustainability</b>
	<i>By 2011, achieve a rating of "meets expectations" or higher in independent expert review assessment of the utility of EPA research for preventing pollution, promoting environmental stewardship, and encouraging innovation.</i>