

Proposed Revisions for 2006-2011 Strategic Architecture

GOAL 3 – Land Preservation and Restoration

GOAL STATEMENT: Preserve and restore the land by using innovative waste management practices and cleaning up contaminated properties to reduce risks posed by releases of harmful substances.

OBJECTIVE 3.1 Preserve Land: BY 2011, REDUCE ADVERSE EFFECTS TO LAND BY REDUCING WASTE GENERATION, INCREASING RECYCLING, AND ENSURING PROPER WASTE MANAGEMENT OF WASTE AND PETROLEUM PRODUCTS AT FACILITIES IN WAYS THAT PREVENT RELEASES.

Sub-objective 3.1.1: Reduce Waste Generation and Increase Recycling

Though 2011, reduce adverse affects to land by diverting materials from disposal through increased material reuse and recycling.

Strategic Target 1: By 2011, decrease the total amount of municipal solid waste disposed at landfills and combustion facilities by xx tons.

Strategic Target 2: By 2011, increase recycling of the total annual municipal solid waste produced to 40 percent from 30.6 percent in 2003.

Strategic Target 3: By 2011, increase reuse and recycling of construction and demolition debris by XX% from a baseline of YY% in 200X.

Strategic Target 4: By 2011, increase the use of coal combustion ash by 50% from XX% in 200X.

Sub-objective 3.1.2: Manage Hazardous Wastes and Petroleum Products Properly

By 2011, reduce releases to the environment by managing hazardous wastes and petroleum products properly.

Strategic Target 1: By the end of 2011, prevent releases from RCRA hazardous waste management facilities by increasing the number of facilities that were brought under approved or updated controls from XX (at the end of FY 2008) to XX.

Strategic Target 2: By 2011, increase the percentage of UST facilities that are in significant operational compliance with both release detection and release prevention requirements by 5 percent compared to 2006, out of a total estimated universe of approximately XXX,XXX facilities.

Strategic Target 3: Each year through 2011, minimize the number of confirmed releases at UST facilities to 10,000 or fewer.

Sub-objective 3.1.3: Increase Tribal Waste Capacity

Through 2011, reduce pollution on Tribal lands by improving waste management practices and closing open dumps.

Strategic Target 1: By 2011, increase by XX% the number of Tribes covered by an integrated waste management plan that has been approved by an appropriate governing body within the last five years.

Strategic Target 2: By 2011, reduce the number of open dumps on Tribal lands by XX%.

OBJECTIVE 3.2 – RESTORE LAND: BY 2011, CONTROL THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT BY MITIGATING THE IMPACT OF ACCIDENTAL OR INTENTIONAL RELEASES AND BY CLEANING UP AND RESTORING CONTAMINATED SITES OR PROPOERTIES TO APPROPRIATE LEVELS.

Sub-objective 3.2.1: Prepare for and Respond to Accidental and Intentional Releases.

By 2011, reduce and control the risks posed by accidental and intentional releases of harmful substances by improving our nation’s capability to prevent, prepare for, and respond more effectively to these emergencies.

Strategic Target 1: By 2011, achieve and maintain at least 95% of maximum score on readiness evaluation criteria in each region.

Strategic Target 2: By 2011, complete 975 hazardous substance removal actions, and complete 650 voluntary removal actions, which are overseen by EPA.

Strategic Target 3: By 2011, minimize impacts of potential oil spills by inspecting or conducting exercises or drills at 25 percent of approximately 5,000 oil storage facilities required to have Facility Response Plans.

Strategic Target 4: By 2011, reduce by 25 percent the gallons of oil spilled by facilities subject to the Facility Response Plan regulations.

StrategicTarget 5: By 2011, increase the compliance rate of all facilities subject to the Facility Response Plan regulations to 90 percent.

Sub-objective 3.2.2: Clean Up and Revitalize Contaminated Land.

By 2011, control the risks to human health and the environment at contaminated properties or sites through cleanup, stabilization, or other action, and make land available for reuse.

Strategic Target 1: By 2011, make 40,455 final assessment decisions under Superfund.

Strategic Target 2: By 2011, control all identified unacceptable human exposures from site contamination to health-based levels, or below, for current land and/or groundwater

use conditions at 90 percent (1,389) of 1,543 Superfund human exposure sites (as of FY 2005). This baseline includes XXX Superfund Federal facility sites.

Strategic Target 3: By 2011, control the migration of contaminated groundwater through engineered remedies or natural processes at XX percent (XXX) of X,XXX Superfund groundwater exposure sites (as of FY 2005). This baseline includes XXX Superfund Federal facility sites.

Strategic Target 4: By 2011, select final remedies (cleanup targets) at approximately XX percent (XXXX) of 1,547 Superfund sites (as of FY 2005). This baseline includes XXX Superfund Federal facility sites.

Strategic Target 5: By 2020, select final remedies (cleanup targets) at 95 percent of all facilities requiring RCRA Corrective Action (universe to be finalized by end of 2007).

Strategic Target 6: By 2011, reduce the backlog of LUST cleanups that exceed state risk-based standards for human exposure and groundwater migration from 27% down to 20% and complete construction of remedies at approximately XX percent (X,XXX) of 1,547 Superfund sites (as of FY 2005). This baseline includes XXX Superfund Federal facility sites. (Note: construction completion is a milestone which indicates that all significant construction activity has been completed, even though additional remediation may be needed for all cleanup goals to be met).

Strategic Target 7: By 2020, complete construction of final remedies at 95 percent of all facilities requiring RCRA Corrective Action (universe to be finalized by end of 2007).

Strategic Target 8: By 2011, ensure that remedies that leave contamination in place and require land use controls are protective of human health and the environment at XX percent of XXX Superfund federal facility sites (as of FY 2005).

Strategic Target 9: By 2011, delete 7 percent (90) of 1,239 final NPL sites (as of FY 2005) that require no further response activities to protect human health or the environment. This baseline includes XXX Superfund Federal facility sites.

Sub-objective 3.2.3: Maximize Potentially Responsible Party Participation at Superfund Sites.

Through 2011, conserve Superfund trust fund resources by ensuring that potentially responsible parties conduct or pay for Superfund cleanups whenever possible.

Strategic Target 1: Each year through 2011, reach a settlement or take an enforcement action before the start of a remedial action at 90 percent of Superfund sites having viable, liable responsible parties other than the Federal Government.

Strategic Target 2: Each year through 2011, address all Statute of Limitations cases for Superfund sites with unaddressed total past costs equal to or greater than \$200,000.

OBJECTIVE 3.3 – ENHANCE SCIENCE AND RESEARCH: THROUGH 2011, PROVIDE AND APPLY SOUND SCIENCE FOR PROTECTING AND RESTORING LAND BY CONDUCTING LEADING-EDGE RESEARCH, WHICH THROUGH COLLABORATION, LEAD TO PREFERRED ENVIRONMENTAL OUTCOMES.

Sub-objective 3.3.1 - Provide Science to Preserve Resources and Remediate Land

Through 2011, provide sound science and constantly integrate partner inputs for smarter technical solutions and protection strategies that enhance our ability to remediate contaminated land for beneficial use, conserve resources and materials management, and preserve land quality.

Strategic Target 1: Lead the incorporation of sound science into OSWER guidance and decisions on land preservation and remediation.

Sub-objective 3.3.2 - Conduct Research to Preserve Resources and Support Land Remediation Activities

Through 2011, conduct sound, leading-edge scientific research to provide a foundation for preserving resources, supporting land quality and remediating contaminated land. Research will result in documented methods, models, assessments, and risk management options for program and regional offices, facilitating their accurate evaluation of effects on human health and the environment, understanding of exposure pathways, and implementation of effective risk-management options. Communicate research affecting Indian country in partnership with Tribes.

Strategic Target 1: Through 2011, clients request and apply timely and leading edge (as determined by peer review) ORD research products and services needed to manage material streams, conserve resources and appropriately manage waste.

Strategic Target 2: Through 2011, clients request and apply timely and leading edge (as determined by peer review) ORD research products and services needed for mitigation, management and long-term stewardship of contaminated sites.