



2007-08 Environmental Objectives and Targets



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At the Port of Portland, it's our goal to do our jobs in the most environmentally responsible way, each and every day. We also have a goal to continuously improve our environmental performance. Each year, we set environmental objectives and targets to ensure that we push ourselves to more fully integrate environmental stewardship into the business of operating a port. We report on these goals so you can see where we succeeded, where we need to work harder, and where we might have opportunities in the future to reduce our footprint. Thanks for your interest in our work. Your questions and comments are always welcome.



The Port's **ENERGY MANAGEMENT PROGRAM** oversees energy use at all Port facilities. The program features energy-efficient building design, renewable energy, and on-site energy generation. Additionally, program staff works with tenants to help maximize their energy efficiency and reduce energy usage.



OBJECTIVES: Reduce Energy Consumption and Purchase Electric Energy From Sustainable Sources

TARGETS:	PROGRESS:
Conduct two building energy audits at selected Port facilities and implement viable projects by July 2008.	Complete: Audits were conducted and lights were upgraded in four Port buildings, resulting in an energy savings of approximately 577,800 kilowatt hours per year.
Double the renewable energy purchase from 10% to 20% Port-wide, with minimal cost impact to the operation budget, by evaluating cost-effective options in the energy market for increasing renewable energy purchases by July 2008.	Incomplete: The request for proposal was drafted and includes several levels of renewable energy purchase, from 20% to 100%. The request is expected to be issued in October 2008.
Evaluate the feasibility of purchasing 100% of all Port electric energy from renewable sources by using cost-effective options in the energy market by July 2008.	Incomplete: The request for proposal is expected to be issued in October 2008.



The **WATER RESOURCES PROGRAM** provides all Port operating areas with technical expertise and guidance on water resources issues, including water quality and conservation.

OBJECTIVE: Minimize Impacts to Water Resources

TARGETS:	PROGRESS:
Conduct a Port-wide mercury source survey and make recommendations on removal, replacement or management of all found sources by July 2008.	Complete: We conducted surveys at eight Port facilities to locate potential sources of mercury and develop recommendations that will be implemented in 2008-2009.
Conduct three water efficiency evaluations and identify water conservation measures by July 2008.	Exceeded: Five irrigation audits were done at Port facilities. Many irrigation systems were functioning properly; others were improved based on audit results. We estimate a savings of over 53,000 gallons of water at our marine maintenance yard.
Implement feasible water conservation measures resulting from the 2006-07 water efficiency evaluations by July 2008.	Incomplete. While we have analyzed irrigation audit data from the 2006-07 study, we still have work in the field to complete.





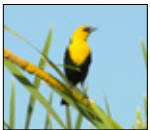
A Port-wide **WASTE MANAGEMENT AND RECYCLING PROGRAM** is responsible for reducing waste generation throughout the Port, recycling and reusing materials, preventing pollution, and overseeing how waste is discarded.

OBJECTIVE: Reduce Waste Generation and Hazardous Materials Use	
TARGETS:	PROGRESS:
Initiate a pilot program to identify, evaluate and purchase five products and/or services from sustainable sources by July 2008.	Complete: We identified or evaluated a number of products and services and used information to help make purchasing and recycling decisions; this includes a Port-wide computer hardware upgrade and the addition of new hybrid vehicles to the Port fleet.
Use results from the pilot program to develop a sustainable purchasing program to identify, evaluate and recommend alternative sources of products to replace purchases not currently obtained from sustainable sources by July 2008.	Incomplete: Sustainability criteria and sample evaluation structures have been evaluated, but a comprehensive Port-wide program has not been developed.
Increase the Port-wide recycling rate from 25% (not counting construction and demolition waste) to 35% by July 2008.	Complete: Port-wide, we have exceeded a 35% recycling rate for non-construction waste, with some areas recycling as much as 70% of waste. Over 90% of construction waste is recycled. We will continue to work with airline and PDX terminal partners to increase recycling and composting rates at the terminal, where most of the Port's trash is produced.
Implement a used sorbent recycling program at all Port facilities to recycle sorbent materials containing oily wastes that are generated by Port activities by July 2008.	Incomplete: Sorbent materials were appropriately recycled throughout the year, but no permanent program has been established. An evaluation of Port resources is underway.
Attain Conditionally Exempt Generator Status at Terminal 6 under the Oregon Department of Environmental Quality's Hazardous Waste Program and maintain the status through FY 2007-08.	Complete: "Conditionally exempt generator" status attained and maintained.



The Port's **AIR QUALITY PROGRAM** ensures compliance with all applicable regulations while implementing projects and practices that help to reduce emissions and fuel usage throughout Port operating areas. Like other environmental program areas, the Air Quality team works closely with tenants.

OBJECTIVE: Minimize Impacts to Air Quality	
TARGETS:	PROGRESS:
Take five actions to improve air quality, including reducing emissions from diesel fuel powered equipment by July 2008.	Exceeded: Numerous projects were implemented in both marine and aviation operating areas to reduce particulate matter (new, cleaner-burning reach stackers purchased), use cleaner fuels (low-ash/low particulate oil in marine equipment; synthetic oil in landscaping equipment; cleaner-burning fleet cars at marine terminal), and reduce vehicle miles.



The **NATURAL RESOURCES PROGRAM** works to enhance and sustain the natural resources of areas where the Port operates. The program has an ecosystem-based approach that focuses on protecting the integrity of the natural environment, including native vegetation and wildlife species.

OBJECTIVE: Minimize Impacts and Seek Opportunities to Enhance Natural Resources	
TARGETS:	PROGRESS:
Continue conducting field studies to identify best treatments for control of invasive and undesirable plant species on Port properties by July 2008.	Incomplete: The cool, wet spring delayed herbicide and mowing treatments. We expect results in late summer.
Identify five locations where shallow water habitat could be created for salmonids using material dredged from the Lower Columbia River by July 2008.	Partially complete: Staff has worked with the Army Corps of Engineers, the Lower Columbia River Estuary Project, and others to target 30 miles of river and six specific sites. Due to resource limitations, project completion is scheduled for July 2009.
Make available stockpiled dredge material sufficient to create at least five acres of suitable habitat for the streaked horned lark at the St. Johns Landfill site by July 2008.	Complete: Working with outside partners, the Port helped create new, appropriate habitat for streaked horned larks in North Portland. Monitoring continues to determine if the species has taken up residence at the site.

The Port of Portland shares your commitment to responsible environmental stewardship, and we strive to be a national leader among ports in environmental policy. While our mission is to facilitate worldwide transportation access for people and products, we know that our work is incomplete if it does not respect the region in which we operate. We work hard to be good neighbors by operating our marine and aviation facilities while looking for meaningful ways to minimize the environmental footprint of our operations.

To learn more about the Port of Portland's environmental programs, please visit www.portofportland.com or call 503-944-7047.

