

## 2011-2012 Environmental Objectives and Targets

In addition to day-to-day attention to responsible environmental management, the Port of Portland sets annual environmental goals to help guide our efforts over the fiscal year. Activities are recommended by environmental program managers and by staff working throughout our operating areas. Unless otherwise specified, all targets are due to be completed by June 30, 2012.



### Objective: Reduce Energy Consumption and Purchase Renewable Energy

#### FY 2011-12 Targets:

- Complete a Port-wide “Carbon Footprint Reduction and Energy Management Strategy and Master Plan” to identify opportunities that conserve and/or produce energy; reduce the Port’s carbon emissions; and guide future Port decisions on energy management.
- Continue purchasing certified renewable energy credits equaling 100 percent of Port-wide electric energy as part of a three-year commitment ending August 2012.
- Continue annual goal to reduce Port-wide energy consumption by at least 500,000 kilowatt hours per year.



### Objective: Minimize Impacts to Air Quality

#### FY 2011-12 Targets:

- Reduce diesel particulate matter from Port-controlled operations 25 percent below 2000 baseline levels by 2015.
- Reduce Port direct and indirect greenhouse gas emissions 15 percent below 1990 levels by 2020.



### Objective: Reduce Waste Generation and Hazardous Materials Use

#### FY 2011-12 Targets:

- Reuse, recycle, or compost 90 percent or more of all material from the Port headquarters building by June 30, 2013, to achieve “Zero Landfill Waste Generation Status.”
- Conduct a waste audit of the Port Navigation base and dredge to establish a baseline of waste generation and identify opportunities to reduce landfill-bound waste from the facility.
- Develop a chemical product procurement program at PDX to improve environmental, safety, and compliance performance and reduce management costs for products purchased by the Port of Portland that require an MSDS.

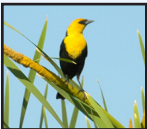




## Objective: Minimize Impacts to Water Resources

### FY 2011-12 Targets:

- Conduct research and assess potential materials, techniques, and technologies that support efforts to more efficiently use pavement deicer at Portland International Airport. Develop program recommendations that can reduce amount of deicing materials used while reducing impacts to nearby waterways.
- To promote practices that protect water quality and improve water conservation, develop comprehensive outreach and education materials on stormwater and water conservation for Port tenants and targeted public audiences.
- Update Port-wide irrigation design standards and specifications to minimize water consumption.
- Evaluate effectiveness and durability of asphalt sealcoat products that contain no or low PAHs (polycyclic aromatic hydrocarbons) for potential use at Port marine and industrial facilities.
- Partner with airport rental car companies to improve infrastructure and establish a maintenance program for the PDX rental car Quick Turnaround (QTA) Facility, with the goal to reduce water usage at the facility by 20 percent per vehicle.
- Conduct a water quality monitoring pilot project that evaluates the feasibility and effectiveness of using buoy-based monitoring instead of crew-based monitoring for Clean Water Act-compliance during dredging and other in-water projects.



## Objective: Minimize Impacts and Seek Opportunities to Enhance Natural Resources

### FY 2011-12 Targets:

- Conduct egg mass surveys of northern red-legged frogs and northwest salamanders at four Port wetland areas to determine if and where these species breed on Port property, and, if so, how the Port can make appropriate land management decisions.
- This three-phase target, a product of the Airport Futures planning project, sets forth a 25-year management plan for Port-owned sections of Government Island in the Columbia River. The first phase, to be conducted by June 30, 2013, will prepare the island for the establishment of a 50-acre upland grassland mitigation site. Target will focus on site preparation, planning, and monitoring.
- Seek out and fund projects that promote habitat enhancements to the Columbia Slough and improvements to the City of Portland's urban tree canopy as outlined in a 25-year plan, developed as part of the Airport Futures planning project, for environmental improvements around Portland International Airport. The first year, ending June 2012, includes a budget of \$50,000 for selected projects.
- Extend partnership with Friends of Trees by sponsoring and participating in tree plantings in neighborhoods adjacent to or near Port facilities to help offset impacts from Port operations. Tree plantings will take place in the winter of 2012 and will include an employee service opportunity.
- Convert the composition of a .6-acre reed canary grass-dominated herbaceous wetland to a native scrub/shrub environment, by June 30, 2013. This continues a pilot project, the PIC Wetland Conversion Plan, which was designed to reduce invasive species on Port property and reduce wildlife hazards currently posed by the open water attractant.
- In coordination with organizations such as The Nature Conservancy, Oregon State University, Metro, the City of Portland, U.S. Fish and Wildlife, and others, establish engineering and ecological habitat roof standards and requirements for industrial buildings that focus on Streaked Horned Lark habitat.

