

PORT OF SEATTLE
MEMORANDUM

COMMISSION AGENDA

Item No. _____ 7b

Date of Meeting _____ June 23, 2009

DATE: June 17, 2009

TO: Tay Yoshitani, Chief Executive Officer

FROM: Stephanie Jones Stebbins, Senior Manager, Seaport Environmental Programs

SUBJECT: Northwest Ports Clean Air Strategy 2008 Implementation Report

The purpose of this staff briefing is to present the Northwest Ports Clean Air Strategy 2008 Implementation Report. This briefing will include efforts and challenges to reaching the 2010 Strategy performance measures, as well as an overview of 2009 implementation commitments.

Reported 2008 Success toward the 2010 Strategy Performance Measures is as follows:

- Ocean-Going Vessels:
 - 29% of frequent callers met the performance measure
 - Container vessels: 7% of frequent callers used 0.5% or less sulfur fuel
 - Cruise Vessels: 100% of frequent callers used 1.5% or less sulfur fuel or shore power
- Cargo-Handling Equipment:
 - 9% of CHE met or exceeded goal
 - 41% of CHE made progress toward the goal
 - 100% of CHE used ultra low sulfur diesel fuel and/or biodiesel blends
- Rail
 - Port continues to support commitments made by UP and BNSF Railway to the U.S. EPA SmartWay Transport Partnership
 - Louis Dreyfus switched to ULSD/B20 fuel for locomotive and facility operations at T-86
- Harbor Craft
 - Port is supporting PSCAA in reducing emissions from harbor tug operations
- Trucks
 - 76% of known drayage trucks are MY 1994 or newer

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BACKGROUND

On January 22, 2008, the Port of Seattle Commission adopted the Northwest Ports Clean Air Strategy, a voluntary and collaborative effort of the Ports of Seattle, Tacoma and Vancouver (B.C.) to reduce maritime and port-related emissions that affect air quality and climate change in the Pacific Northwest. Developed in close collaboration with the Puget Sound Clean Air Agency, Washington Department of Ecology, US Environmental Protection Agency, and Environment Canada with input from stakeholders, customers, and citizens, the Strategy will result in emission reductions to further improve air quality throughout the region.

The strategy has three primary emissions reduction objectives:

- Reduce maritime and port-related air quality impacts on human health, the environment and the economy;
- Reduce contribution to climate change through co-benefits associated with reducing air quality impacts; and
- Help the Georgia Basin-Puget Sound region continue to meet air quality standards and objectives.

The Strategy builds on the significant efforts the Ports of Seattle, Tacoma and Vancouver, BC have invested in emission reductions and establishes common short-term (2010) and long-term (2015) performance measures for further reducing emissions from cargo-handling equipment, rail, harbor vessels, ocean-going vessels, and trucks.

PREVIOUS COMMISSION ACTION

On February 16, 2007, the Commission passed a series of environmental motions that required, in part, that staff present an air quality action plan for Commission approval.

On January 22, 2008, the Commission adopted the Northwest Ports Clean Air Strategy.

On April 14, 2009, the Commission approved transfer of \$2.3 million to Puget Sound Clean Air Agency over the 2009 and 2010 budget years in support of maritime air emission reduction efforts.