

Puget Sound Maritime Air Quality Forum

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**Review Current Activity in Preparing for the 2011
Puget Sound Air Emission Inventory**

Port of Tacoma – Fabulich Center

14 April 2011

Project Organization & Execution 2011 vs 2005

- Project Leadership – Port of Tacoma is Project Manager
- Similar Methodology w/Updated Data & Factors
- Data Collection – Primary Data Collection Activities are by Funding Members w/Support from Starcrest

2011 Data Collection Approach

➤ Inventory Data Managers (IDMs) –
Responsible for Data Collection Efforts for a
Source Category Workgroup:

- ❑ OGV - Bruce Anderson, SCG
- ❑ HC – Carol Cenci, PSCAA
- ❑ CHE – Brandon Whitaker, POE
- ❑ HDV/LDV – Sarah Flagg, POS & Ron
Stuart, POT
- ❑ Rail – Ron Stuart, POT

2011 Project Scope & Schedule

- Task A – 2005 PSEI Methodology Summary w/Recommendations – Completed
- Task B – 2011 PSEI Methodology & Data Collection Process Document – Completed
- Task C – Data Collection – Underway, First Quarter Completed
- Task D – Data Review – As Data is Submitted
- Task E – Meetings – Underway
- Task F – Emissions/Report; Preliminary Draft 28 May 2012/Final 29 June 2012

2011 Methodology Overview

- Activity Year – 2011
- Same Geographical Domains
- Same Pollutants
- Same Source Categories
- Same Methodology – Activity-Based

2011 OGV Methodology

- 2011 Vessel Activity Data Provided by PS Marine Exchange – SCG Coordinating
- Update Transit Routes
- Update Emission Reduction Activities (Fuel Switching, Shore Power, etc.)
- Limited Vessel Boardings
- Same Methodology w/Updated Auxiliary & Boiler Load Information Based on Previous & Current Starcrest Vessel Boarding Programs

2011 Harbor Craft Methodology

- 2011 Activity Update Collected by HC Working Group
- Update for Repowers, Fleet Changes, Fuel Type, etc.
- May Develop Scaling Factors for Some HC Categories (Fishing Vessels, Recreational Marine, etc.)
- Same Emission Estimating Methodology

2011 CHE Methodology

- 2011 Activity Update Collected by CHE Working Group
- Update for Repowers, Fleet Changes, Fuel Type, Emission Reduction Strategies, etc
- Similar Emission Estimating Methodology – Going to be Consistent w/Participating Clean Air Agencies

2011 Rail Locomotive Methodology

- 2011 Activity Update (Line Haul & Switching) Collected by RL Working Group
- Update for Repowers, Fleet Changes, Fuel Type, Emission Reduction Strategies, etc
- Similar Emission Estimating Methodologies
 - ❑ On-Terminal – Energy Consumption (LH), Fuel Consumption (SW)
 - ❑ Off-Terminal – Fuel Consumption Estimates (LH), Fuel Consumption (SW)

2011 HDV/LDV Methodology

- 2011 Activity Update Collected by HDV/LDV Working Group
- Update for Clean Truck Programs, Fuel Types, Fleet Turnover, etc
- Similar Emission Estimating Methodology – Going to be Consistent w/Participating Clean Air Agencies

Questions & Answers

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