

2011 Port Air Quality Overview

Guiselle Aldrete
Air Quality Consultant
Starcrest Consulting Group, LLC

Northeast Diesel Collaborative
Ports Work Group
18 January 2012





Overview

- 2011 Selected Highlights for LA & LB Ports
- 2011 Selected Highlights for Other ports
- 2011 Selected Highlights International
- 2012 What to Expect



2011 Selected Highlights for LA & LB

- 2010 San Pedro Bay Ports Clean Air Action Plan (CAAP) Update Approved
 - Introduced SPBP Health Risk & Mass Emissions Standards
- Released Zero-Emission Technology Roadmap
- Clean Truck Program Included Class 7 Trucks to be Banned from Terminals
- 2010 Emission Inventory Updates Completed
- CA Proposition 1B Funds Awarded for Shore Power
- Port of LA Announces it Will Join IAPH's Environmental Ship Index (ESI) Incentive Scheme
 - Providing Technical & Policy Guidance on ESI & Potential CAAP Incentive Scheme
- CAAP OGV6 Measure Initiated
 - Regulatory Working Group – Vessels & New Technologies
 - Shipping Line & Engine Manufacturer Outreach

2011 Selected Highlights for Other Ports

- Ports of Tacoma, Seattle & PANYNJ Banned pre-1994 Trucks from Terminals in 2011
- Puget Sound Ports Initiated the 2011 Emissions Inventory Update
- Voluntary Low Sulfur Marine Fuel Program continued at Ports of Seattle & Tacoma
- PANYNJ Completed 2010 Landside EI
- PANYNJ Continued with Vessel Low Sulfur Fuel Incentive Program & Locomotive Retrofit Program
- USACE NYD & PANYNJ – 10th Year of Working on Harbor Deepening Project Harbor Air Management Plan
- Port of Everett Support on State Environmental Policy Act for Berth & Terminal Upgrades

2011 Selected Highlights International

- Attended IMO MEPC 62, London
- Member of IMO Tier III NOx Review Correspondence Group
- Working Meetings on Various Issues with MAN, Maersk, IAPH, Port of Antwerp, Port of Rotterdam, Transport & Environment, International Council on Clean Transportation, EU Commission, EU Parliamentary Representatives, etc.
- Invited to Attend US EPA OITA Workshop on Black Carbon & Diesel in the Arctic, Moscow
- Invited to Speak at TOC, Panama
- Invited to Speak at Slow Steaming Symposium, Brussels
- Working on IAPH's World Ports Climate Initiative's Environmental Ship Index



2012 What to Expect

- Drayage Trucks Servicing LA & LB Port Terminals will be 2007 & Newer Starting in 2012
- Ports of LA, LB & Puget Sound Will Develop & Publish 2011 Emissions Inventory Updates by mid-2012
- EPA DERA Grants Will Continue to be Implemented by Several Ports & Tenants
- Announcement of Vessel Emission Reduction Incentive Program from LA & LB
- Vessel & New Technology Regulatory Framework
- Continued Increase in Shore Power Usage in LA & LB

Questions?



Guiselle Aldrete
Air Quality Consultant

guiselle@starcrestllc.com
401-294-6244

