



Bay Area Air Quality Management District

Green Ports Workgroup Meeting
December 11, 2007

Agenda

Introduction

Background – CARB regs

Background – Inventories, plans

Rule concepts

Rule discussion

Port Sources

- Trucks
- Marine vessels
- Harbor craft
- Cargo handling equipment
- Locomotives

Background – CARB Regs Trucks

- Port trucks rule adopted 12/7/07
- On-road trucks rule expected 6/08

Background – CARB Regs Marine Vessels

- Auxiliary engine fuel sulfur rule adopted 12/8/05
- Shore power rule adopted 12/6/07
- Propulsion engine rule under development

Background – CARB Regs Harbor Craft

- Rule adopted 11/15/07

Background – CARB Regs Cargo Handling Equipment

- Rule adopted 12/8/05

Background – CARB Regs Locomotives

- 2005 Statewide Rail Yard Agreement
- Fuel sulfur limits for intrastate equipment

Background – Inventories, Plans

- Port of Oakland – inventory and MAQIP
- Other ports – District hopes to collaborate with other ports to develop inventory

Rule Concepts

- Rule primary focus is on diesel particulates
- Rule would be a “backstop”
- Rule would ensure funding availability for early compliance
- Rule relies on Air District “indirect source” authority

Regulating port sources as an “indirect source”

- Air District has authority to require inventories
- Air District has authority to require plans
- Air District requirements amounting to “standards” would be preempted

Draft Rule: Applicability

- Benicia
- Oakland
- Redwood City
- Richmond
- San Francisco

Draft Rule: Inventory Requirements

- Requires inventories for ports
- Allows for collaborative effort with smaller ports
- Pollutants: PM, NO_x, SO₂, ROG, TOG
- Inventory requirements based on Port of Oakland inventory

Draft Rule: Plan Requirements

- Requires plan for Oakland
- Reserves plan requirements for other ports for later, if necessary
- Plans must demonstrate attainment of emission reduction targets
- Targets will be developed during rule process

Draft Rule: Some Issues

- Which terminals are covered (Richmond)
- Truck emissions
- Which pollutants
- Inventory methodology
- Inventory and plan schedules