Workshop on 2005 Amendments to 2003 PM10 Plan

March 30, 2005
Planning Division
Purpose of workshop

- Provide background on 2005 Amendments
- Describe Amendments
- Outline process for the Amendments
- Invite comments and questions
Purpose of amendments

- Update control measure implementation dates w/ latest schedule
- Demonstrate these changes have no net impact on milestones for RFP, 5%, or attainment demonstration
- Identify contingency measures based on reductions achieved from measures (including incentives)
PM10 Plan Background

- District adopted plan in June 2003 and amended it in December 2003
- Implements Best Available Control Measures (BACM) for PM10 and precursors
- Achieves at least 5% per yr reduction in PM10 or precursor emissions
- Demonstrates 2010 attainment
- Commits to submitting *2006 PM10 Plan* to EPA by March 31, 2006
Contingency Measures

- EPA approved *2003 PM10 Plan* on May 26, 2004, effective June 25, 2004
- EPA has not yet approved or disapproved the contingency measures
- District needs to revise contingency measures to align them with federal requirements
- Contingency measures provide automatic emission reductions if RFP or attainment milestones are not met
Control measure status

- District adopted rules for over 90% of the direct PM10 emission reductions in the Plan and over 80% of the NOx emission reductions
- Some remaining measures are behind schedule
- Later implementation can cause reductions to occur after key milestones
- Reductions from other measures offset shortfall
Rule Development Schedule

- The 2005 Amendments
  - Do not change Reg VIII or CMP
  - Do not propose new Control Measures

- Rule development schedule updated to reflect current estimated adoption dates

- Reductions from incentives and rules required in 2005 offset schedule impacts and provide surplus for contingency
Contingency Measures

- Incentive Funding Program
  - Moyer funds
  - REMOVE II

- Rules in development required by state law
  - Rule 4702 (Stationary Engines)
  - Rule 4103 (Open Burning)
New incentive funding

- **2003 PM10 Plan** based incentive reductions on $6 million per year available
- SB 709 and AB 923 allowed District DMV Surcharge Fees to be increased by $3 per vehicle - $6 million/year
- New statewide Moyer funding is $61 million from state budget plus $25 million from tire fee, with ~$11 million possible for San Joaquin Valley Air Basin
- 2005 funding estimate for SJVAB from all sources – up to $23 million
Emissions accounting

Emissions reductions: (original vs. current)

+ Reductions from rules and incentives

Net effect of changes
Net effect of changes

- RFP still met
- 5% requirement still met
- Attainment demonstration still valid
- Surplus reductions identified for use as contingency
- Continuing to work with ARB on fine tuning the emission reduction calculations
Contingency measures

- Tier I: Adopted measures that achieve more emission reductions than predicted
- Tier II: New rules to be adopted before July 2005 (Rules 4103 and 4702)
- Tier III: Existing contingency measures from the 2003 PM10 Plan for Reg. VIII and Rule 4550 that require rule amendments (will revise in 2006 Plan if needed)
Next steps

- District and ARB will complete detailed analyses of emissions reductions and will fold results into Revised Chapter 4
- Revised Chapter 4 with details will be available by April 19, 2005
- Comments on Revised Chapter 4 accepted until close of business May 3, 2005
- District Gov. Board considers adoption of Amendments (Revised Chapter 4 and Revised Table of Contents) on May 19, 2005
- If adopted, District will transmit Amendments to ARB for review and transmittal to EPA
- District and ARB will continue working on *2006 PM10 Plan* for January 2006 adoption
Questions and Comments
Thank you for attending

Donald Hunsaker
donald.hunsaker@valleyair.org
(559) 230-5800

Comments Due May 3, 2005 at 5:30 pm

More information available at

www.valleyair.org