



APCD's Approach to Strategy Development

Presentation to the VOC Stationary and
Oil & Gas Stakeholder Meeting

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Approach to Strategy Development

- Throughout the stakeholder process:
 - Numerous stationary sources and oil and gas options described by APCD
 - Stakeholders have reviewed and commented
 - APCD has responded to comments
 - Some comments incorporated into the papers
 - Some comments were not
 - APCD to focus on a finite set of options, based on:
 - Significant emission reductions
 - Equity
 - Other options are put to the side for time being



Approach to Strategy Development

- The following strategies are to be fully developed so that there is a “menu of options” to select from when a proposal is formulated
 - All current regulatory programs remain in place
 - O&G: tanks and pneumatics (new and existing), existing engines outside Front Range
 - SS: removing exemptions, expanding Reg. 7 to entire NAA, certain large stationary sources, all new VOC/NOx sources apply RACT
 - NOx strategies have begun to be developed through the Regional Haze stakeholder process
 - Continued focus on NOx strategies for Front Range ozone to occur in the coming months through a stakeholder process
 - On-road mobile and fuels strategies being developed through complementary ozone stakeholder processes
- The RAQC/NFR Boards will be asked to endorse these strategies for continued development in May and June



Approach to Strategy Development

- For the next phase of the stakeholder process, all RAQC/NFR endorsed options will be considered necessary to meet the Governor's directive
 - Attainment of the current 8-hour standard
 - Reducing/eliminating ozone concentrations above 80 ppb
 - Further reducing ozone levels for the lower federal ozone standard



Approach to Strategy Development

- For all endorsed options, regulatory language to be developed in the coming months with stakeholders, including and considering:
 - Control requirements
 - Reporting requirements
 - Compliance dates – shorter term (2-4 years)
 - Economic and air quality impacts (costs and benefits)
 - \$/ton
 - Equity issues



Approach to Strategy Development

- The screening/sensitivity/apportionment modeling will help inform the process as we move forward – mid June results
 - Light will be shed on the relationships between VOCs and NO_x, especially in the urban centers
 - Source/source category importance will be better understood
- Until then, the Division/RAQC staff will advance the option development process



Approach to Strategy Development

- Throughout the continuing stakeholder process
 - No weight will be given at this time to the specific target with regards to:
 - SIP versus State-only
 - Going beyond attainment of the 84 ppb standard to provide headroom or meet the Governor's directives
 - All strategies will be deemed necessary
- At the end of the process (late July), APCD/RAQC formulate recommendations on these matters for stakeholder discussion
- Control package(s) to be modeled in August
- Final control strategy package(s) will be proposed by the RAQC to the AQCC in September