

Ozone Planning and SIP Development Status



**Joint Meeting
Regional Air Quality Council
North Front Range MPO**

June 25, 2008



LET'S TAKE CARE OF OUR SUMMER AIR.

OzoneAware.org

Planning Overview



- **Strategy evaluation and development**
 - First round of strategy analysis nearing completion
- **Photochemical air quality modeling**
 - Preliminary 2006/2010 base case modeling complete
 - Sensitivity and source apportionment modeling underway
 - Proposed control package(s) modeling in August
- **Stakeholder involvement**
 - Over 40 stakeholder and public meetings
- **Proposed Ozone Action Plan and SIP**
 - Draft plan for board and public review by end of July
 - Proposal to AQCC in September

Strategy Evaluation Criteria



- 1) Emission reductions**
- 2) Cost-effectiveness**
- 3) Timeliness of implementation**
- 4) Control requirements equitable across entire NAA**
- 5) Administrative/ resource requirements**
- 6) Enforceability/creditable from EPA**

Federal Strategies

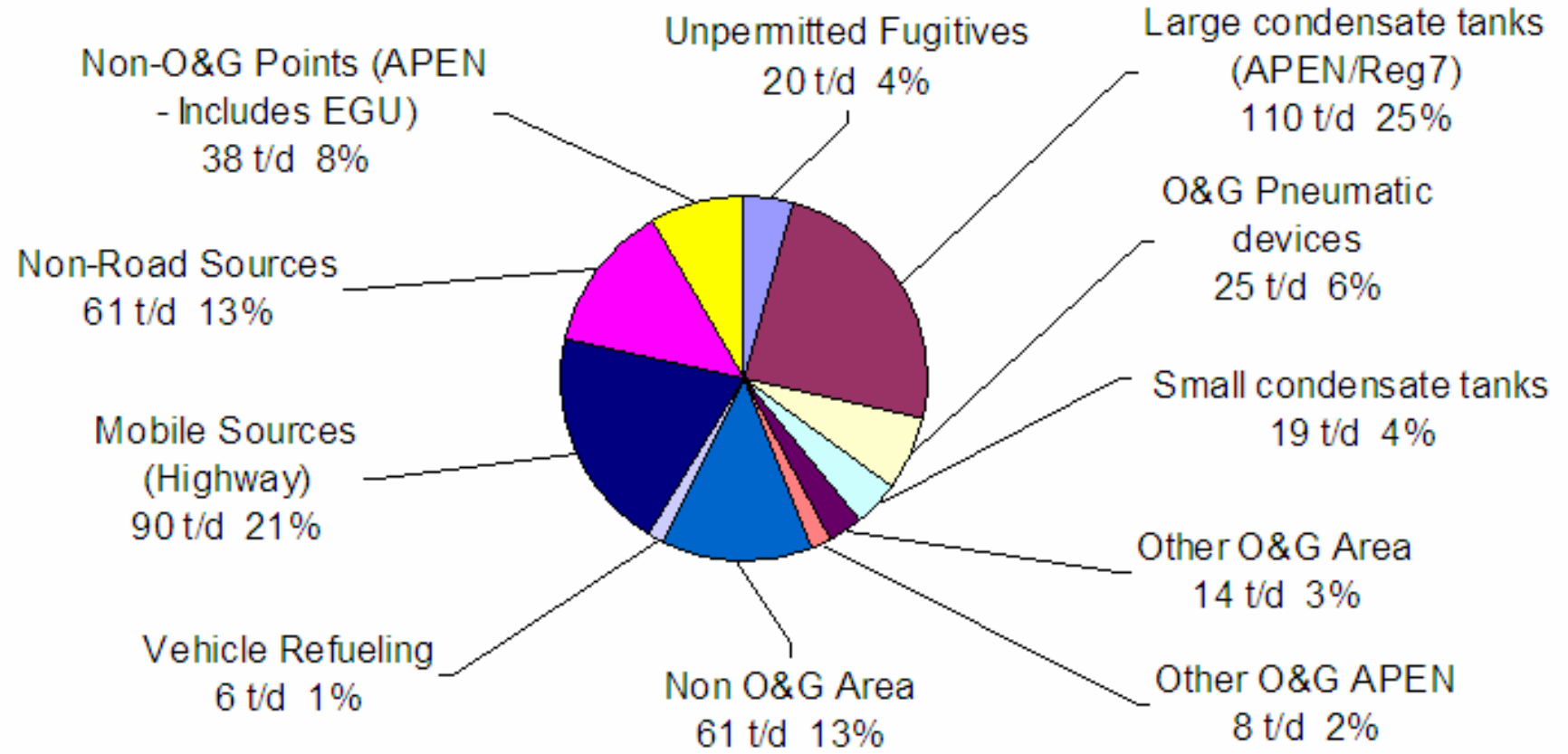


Reduction 2006-2010	VOC	NOx
Tier 2 Motor Vehicle Standards	16 tpd	28 tpd
Nonroad Engine Standards	4 tpd	10 tpd
Onboard Refueling Vapor Recovery	3 tpd	NA

Emission Inventory ~450 tpd



2010 NAA VOC



Strategies Under Development



- 1) **More stringent I/M cutpoints (Denver area)**
- 2) **Lower RVP gasoline (7.0 psi)**
- 3) **High-emitter pilot program (Denver area)**
- 4) **Tighten collector plate requirements**
- 5) **Increase condensate tank control requirements**
- 6) **Pneumatic valve replacements**
- 7) **Expand Reg. 7 to entire NAA**
- 8) **Remove exemptions for sources to file APENs and obtain permits**
- 9) **Require RACT for minor sources in entire NAA**

Strategies Under Discussion



- 1) I/M program in North Front Range
- 2) Eliminate ethanol waiver (maintain 7.8 RVP gasoline)
- 3) Require 7.8 RVP base gasoline in NFR
- 4) Stage II vapor recovery at gasoline stations
- 5) Statewide oil & gas regulations – tanks, valves, engines
- 6) Minor source BAT instead of RACT
- 7) Controls on larger NOx sources
- 8) Additional controls for selected larger VOC sources
- 9) CA Paints/Solvents/Consumer Products rule