



Early Action Compact Condensate VOC Flash Emissions

**Data Compiled by
APCD & RAQC staff**

Presented by

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June 1, 2006 RAQC Board Meeting



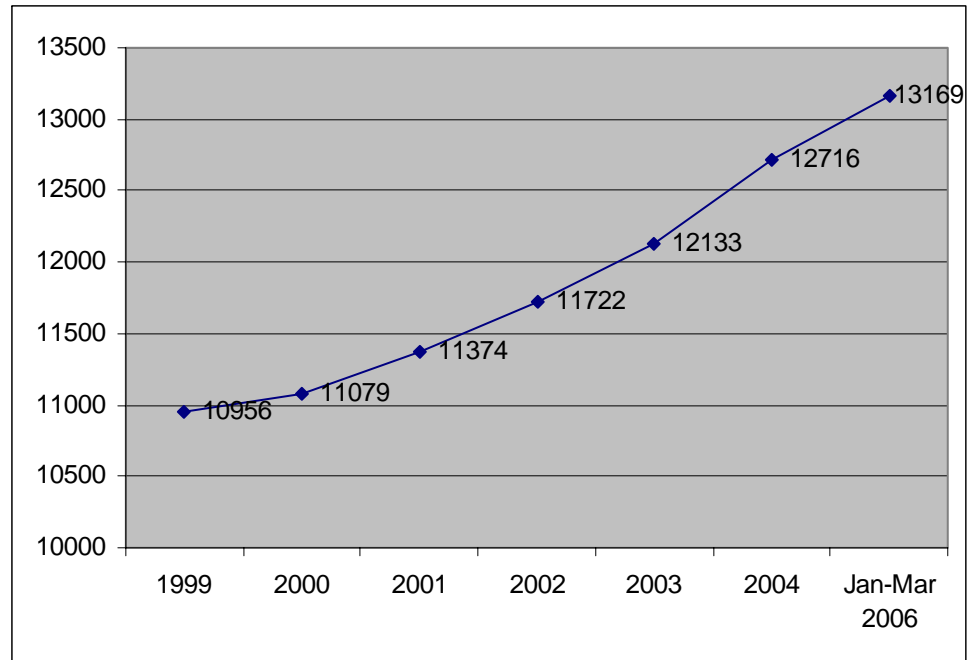
Overview

1. Oil and Gas industry growth
2. Early Action Compact projected and 2005 reported emissions
3. New estimated projections of condensate VOC flash emissions
4. Next Steps

Condensate VOC Flash Emissions in 8-hour Ozone Control Area

➤ Active Wells in 8-hr area

*20% increase
from 1999 to
March 2006*



Source: Colorado Oil & Gas Conservation Commission

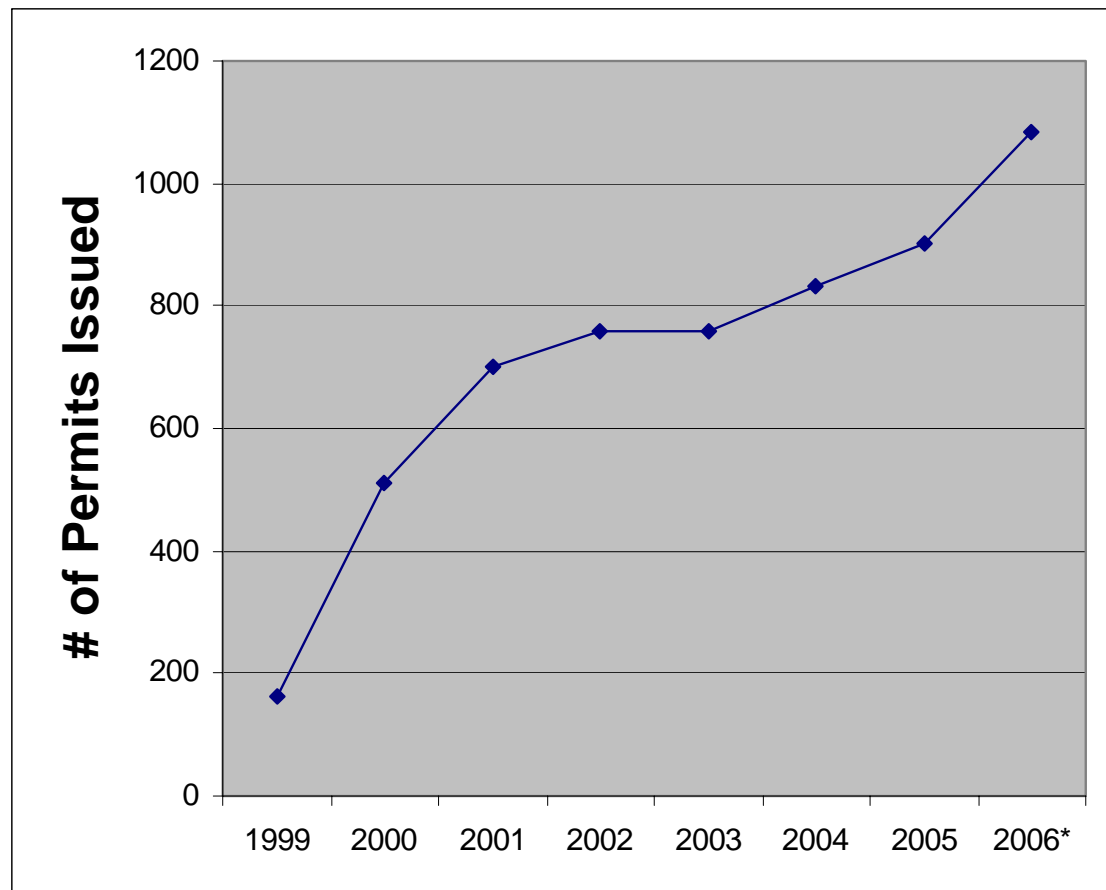
➤ Oil & Gas Commission allowed well drilling densities to increase from 32 acre spacing to 20 acre spacing on March 1, 2006

Condensate VOC Flash Emissions in 8-hour Ozone Control Area

Weld County

Drilling Permits
Issued per Year

**2006 data extrapolated
from January-March data*



Source: Colorado Oil & Gas Conservation Commission

Condensate VOC Flash Emissions in 8-hour Ozone Control Area

➤ Projected Emissions in Early Action Compact

Year	Uncontrolled	Controlled
2007	146.1 tpd	91.3 tpd
2012		100.9 tpd

➤ 2005 Reported Emissions*

Inventory for 2005 data year

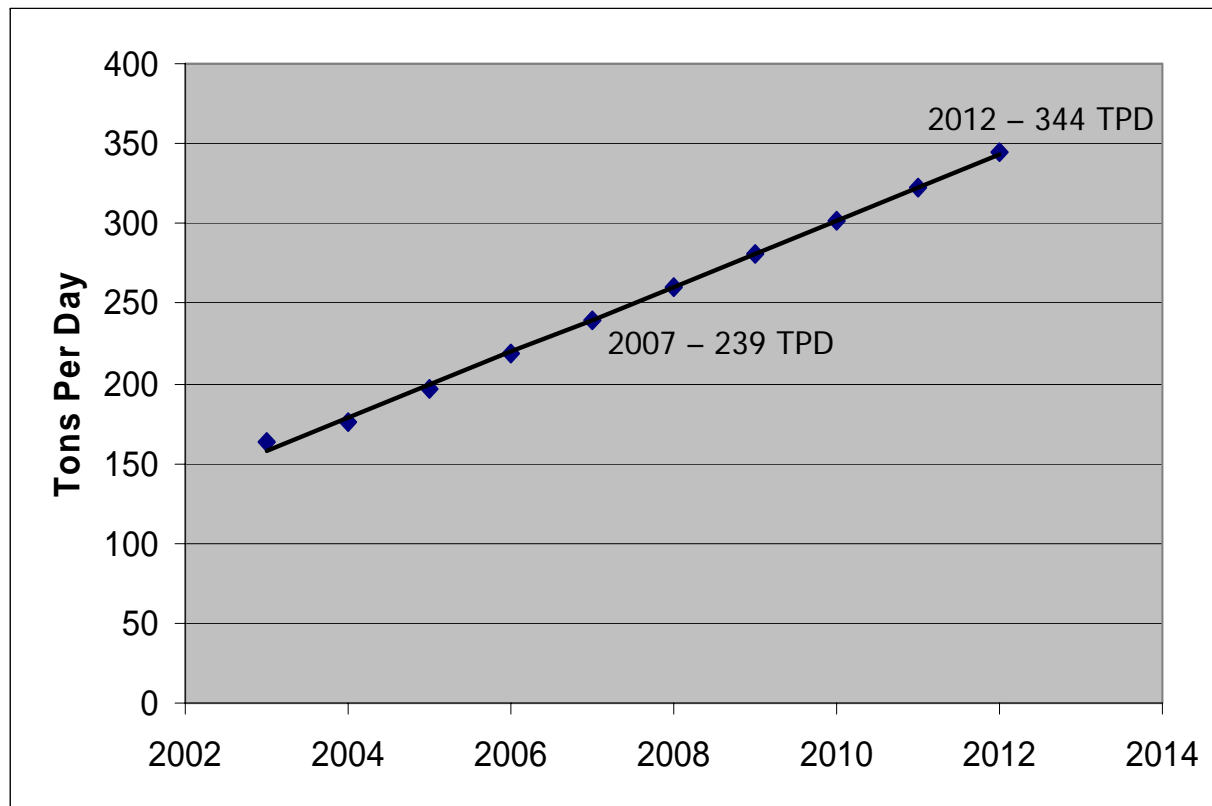
= 197 tpd uncontrolled

= 120 tpd controlled

*Exceeds 2007
projections*

* Emissions data from 2005 source spreadsheets

Estimated Projections of Uncontrolled Condensate VOC Flash emissions

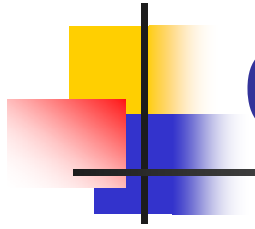


- Estimated projections based on APCD inventory data for 2002 - 2004 and industry reported emissions for 2005



Next Steps

- Controlled emissions in the Early Action Plan must be maintained.
 - 91 TPD in 2007 & 100 TPD in 2012
- APCD to propose ratcheting up required emission reduction or propose a more stringent control program for condensate tanks.
 - A stakeholder process is currently underway and a new rule will be proposed by August.
- The control program will likely encompass other sources from the oil and gas industry and may be applied State-wide.



Questions?
