Air Quality and District Programs

2012 Annual Update to the Board

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Director / APCO
January 17, 2013
Santa Barbara County Ozone Exceedance Days
1990 - 2012

- California 8-Hour Standard (0.070 parts per million)
- California 1-Hour Standard (0.09 parts per million)
- National 8-Hour Standard (0.075 parts per million)
- Population
2012 Updates: Particulate Matter

- No days over federal PM$_{10}$ standard
- No days over federal PM$_{2.5}$ standard
- 12 days over state PM$_{10}$ standard
- No days over state PM$_{2.5}$ standard
- In 2012 converted three stations to real-time particle monitoring
  - More accurate and timely data
  - Improved efficiency

*Note: EPA issues new federal PM$_{2.5}$ NAAQS*
2012 Updates: Rules

• Rule Revisions
  – Amended three coating rules and the fiberglass rule to include solvent cleaning provisions

• Emission Offsets Workgroup
  – Started broad-based stakeholder group
  – Goal to evaluate existing offsets program and suggest improvements
  – 3 meetings in 2012
  – Developing rule options for the Community Advisory Council and recommendations to your Board
2012 Updates: Public Outreach

• School Programs
  – Mini-grants to 28 teachers from 8 school districts (jointly with PG&E, Gas Co, County Ed Office)
  – Nominated Riccardo Magni (Pioneer Valley HS,) for national award from EPA (received April 2012)
2012 Updates: Marine Shipping

• Marine Shipping Initiative
  – 3 meetings of Marine Shipping Solutions Group
  – Speakers from shipping industry, ports, whale research
  – Partners: UCSB Bren, NOAA, industry, EDC, and other nonprofits

• Options to cut ship pollution
2012 Updates: Clean Air Grants

• Old Car Buy Back
  – Bought 727 cars, reducing 21 tons of emissions

• School Buses
  – Since 2001, helped fund 23 new buses, and 61 retrofits, reducing 35 tons of emissions
  – Now working with 7 school districts to retrofit 18 buses - help meet 2014 state deadline
2012 Updates: Clean Air Grants

- Funds for cleaner engines – farm equipment, boat engines
- EV public charging stations initiative
Looking Ahead

• State’s Global Warming Solutions Act, Cap-and-Trade moving forward
  – Co-benefits in air pollution reductions
• Developing our 2013 *Clean Air Plan*
• Ongoing efforts to further our mission:

“To protect the people and the environment of Santa Barbara County from the harmful effects of air pollution.”
Questions?