

Idaho Perspective of Ozone in the Boise Area

WRAP 2009 Fall Meeting

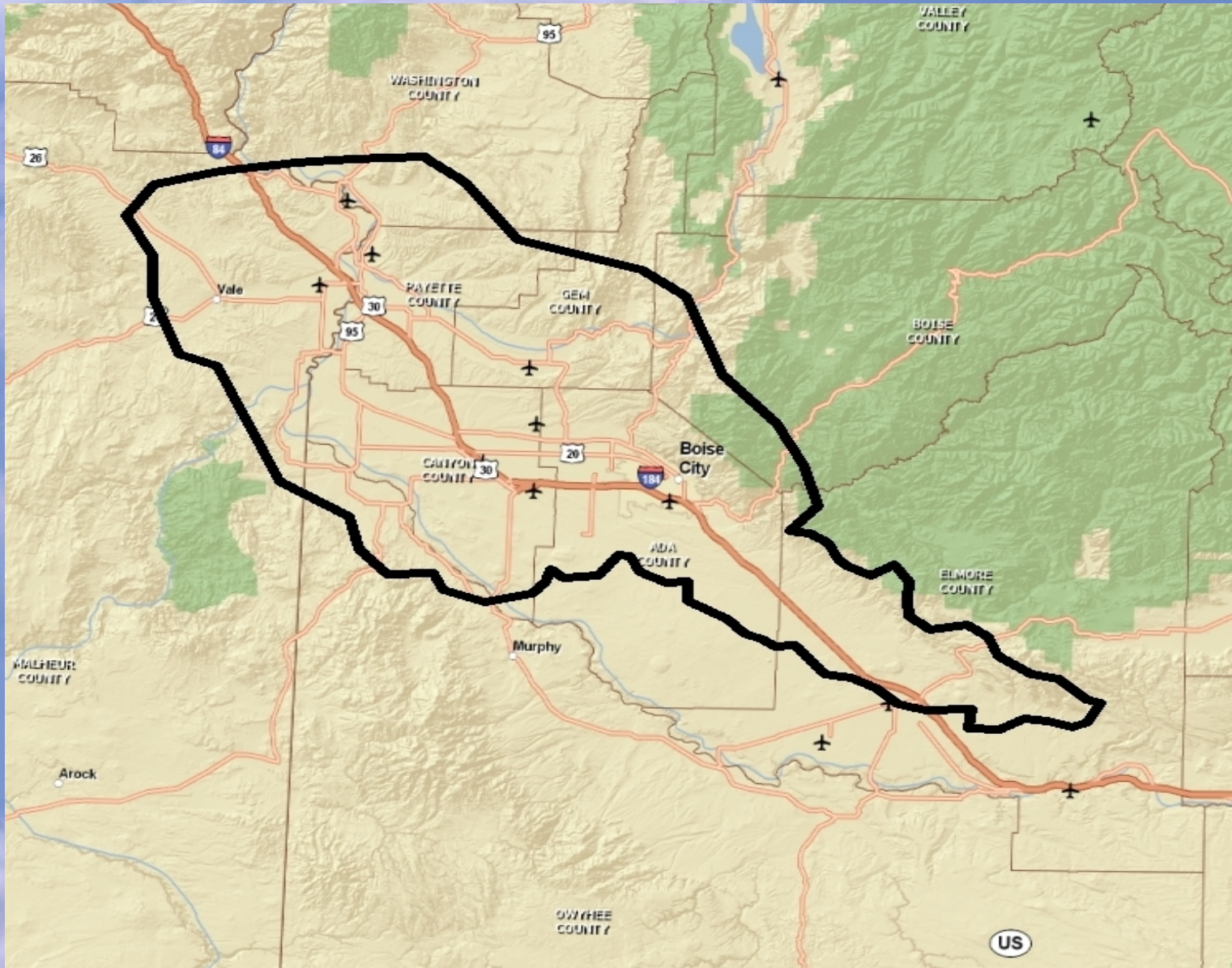
Santa Fe, New Mexico

November 11, 2009

Outline of Presentation

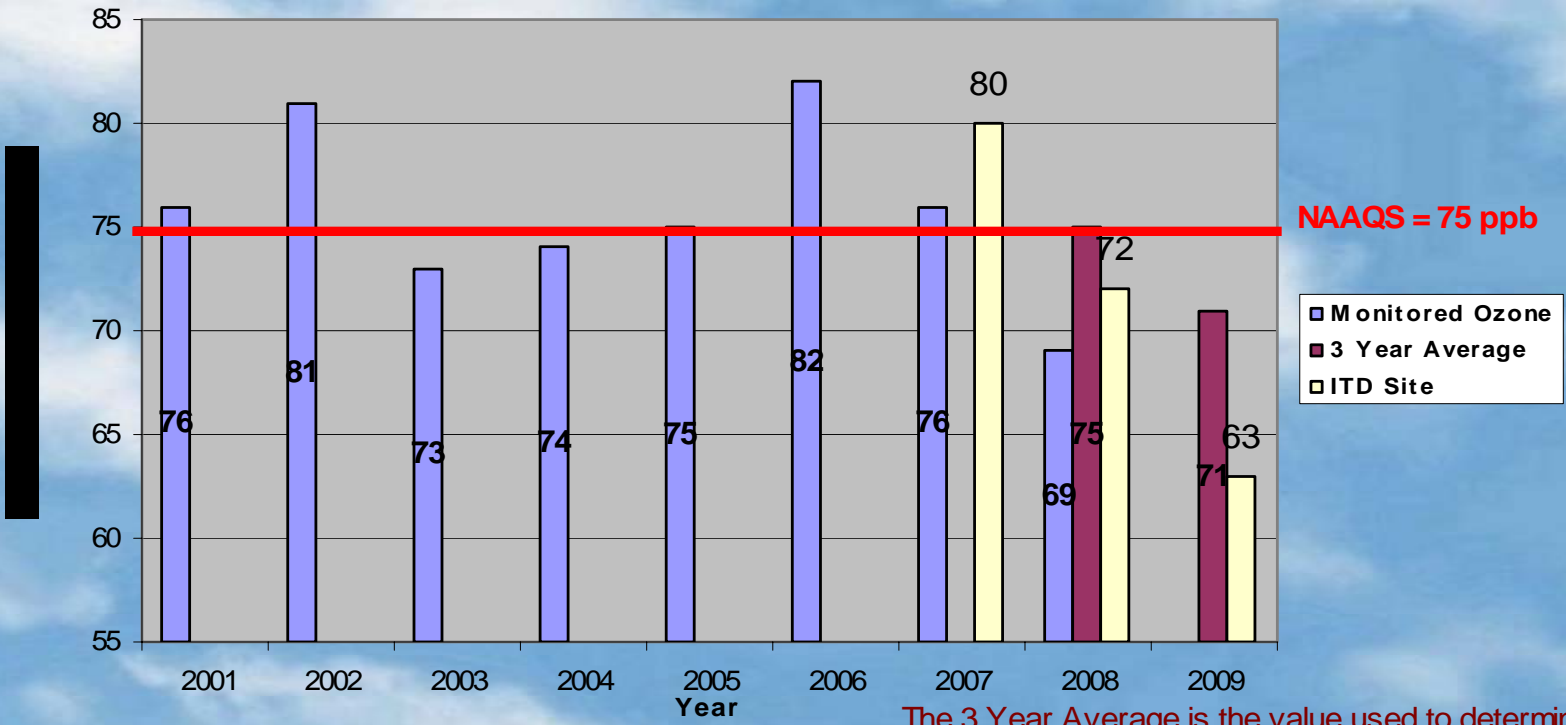
- Treasure Valley Ambient Ozone Values
- Treasure Valley Air Quality Council
- Plan Overview
 - Stage One Vapor Recovery
 - I/M Program
- Other Voluntary Measures
- Potential Future Ozone Issues in the Treasure Valley
- Questions / discussion

Treasure Valley Airshed



Treasure Valley Ozone Trend

Ada and Canyon Counties, Revised 3/ 27/ 2008



Source: Idaho Department of Environmental Quality Monitoring Data

The 3 Year Average is the value used to determine attainment status

Treasure Valley Air Quality Council

- March 29, 2005, Governor Dirk Kempthorne signed the **Regional Air Quality Council Act**.
 - Established: the **Treasure Valley Air Quality Council**.
 - **Mission:** “Protect, preserve, and where necessary, improve the quality of the air in the Treasure Valley while accommodating private, public, and commercial interests.”
 - **Responsibility:** Develop and implement a Treasure Valley Air Quality Plan.
 - **14-member Council:** Has met regularly in open session since January 2006.

Council Members

The TVAQC is made up of representatives from:

- Ada and Canyon County commissioners (2)
- Local mayors (2)
- Environmental interests (2)
- Manufacturing interests (1)
- Commercial interests (2)
- Agricultural interests (2)
- Food processing (1)
- At-large (2)



Council Recommendations

- 1. Air Quality Awareness Program**
- 2. Stage 1 Vapor Recovery at Gas Stations**
- 3. Vehicle Emission Testing**
- 4. Uniform Ordinances for Local Air Quality**
- 5. Land Use & Transportation**

Stage One Vapor Recovery

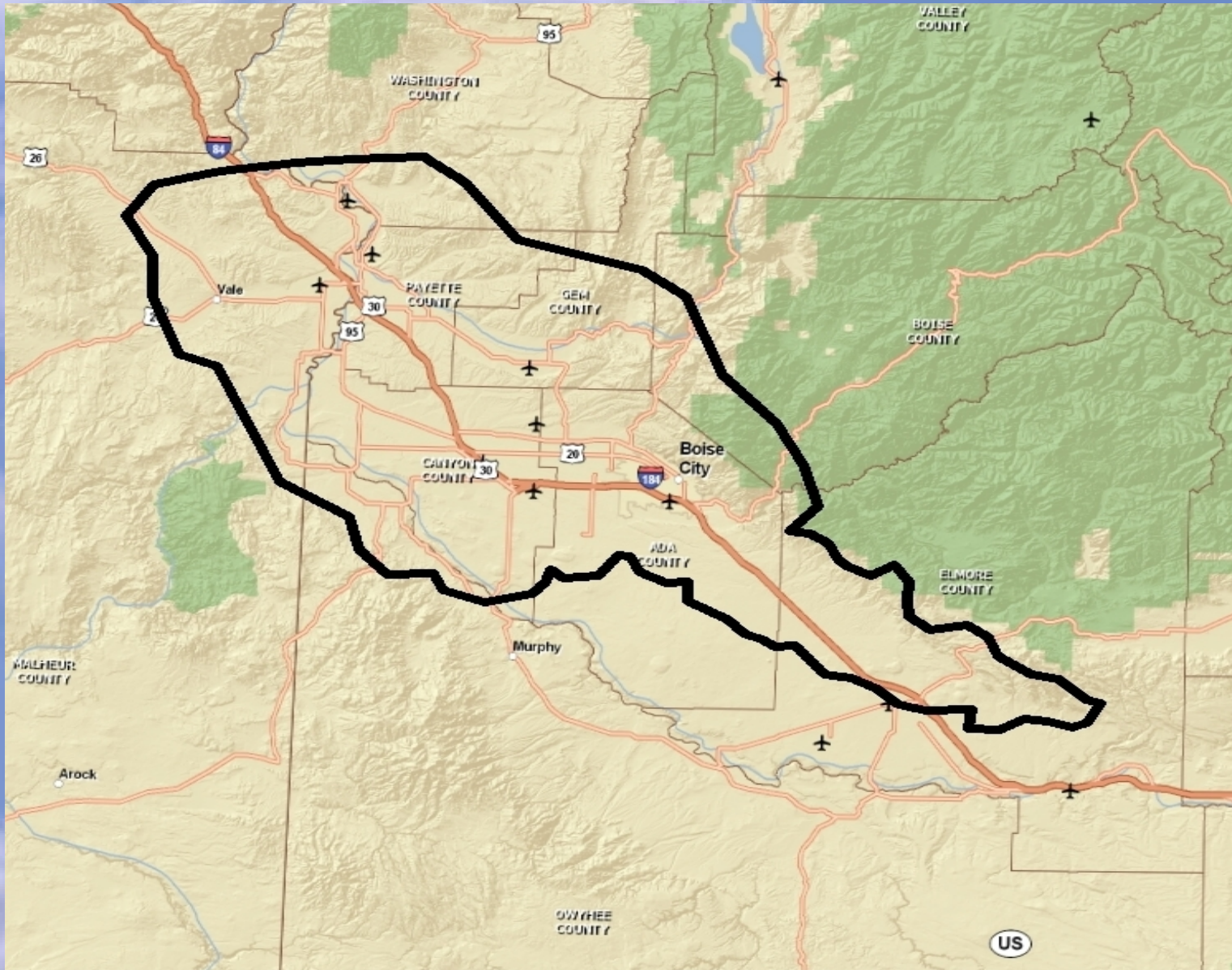
- Temporary rules drafted and promulgated April 2009 - only affect non NESHAP sources
- Existing sources must retrofit by May 2010
- Obtained a CMAQ grant to help offset the cost of retrofitting (50% up to \$5,000 total)
- Currently have retrofitted 35 tanks for \$44,000 or \$22,000 in offset money

Vehicle Emission Testing

Idaho Code 39-118B passed in 2008 legislature

- **Applicability**
 - Takes effect in attainment areas if airshed exceeds 85% of any NAAQS, and
 - Vehicles are identified as one of the top two emissions sources
- **Fees to be \$20 per car for every other year testing**
- **Waivers and exemptions**
 - Electric/hybrid vehicles, 5 years and newer, classic automobiles, farm equipment, vehicles engaged solely in the business of agriculture

Treasure Valley Airshed



Vehicle Emission Testing (cont)

- **3 Options available to affected cities and counties**
 - **Enter into a Joint Exercise of Powers Agreement with DEQ to operate the program**
 - **submit alternative vehicle emissions control strategy (within 120 days of notification)**
 - **DEQ required to implement program if local governments fail or choose not to submit an alternative**

Vehicle Emission Testing (cont)

- Affected cities and counties submitted options in August 2009
- Several submitted alternative plans, some want joint exercise of power, some didn't respond at all
- DEQ is figuring out who and how I/M programs will be operated in Treasure Valley

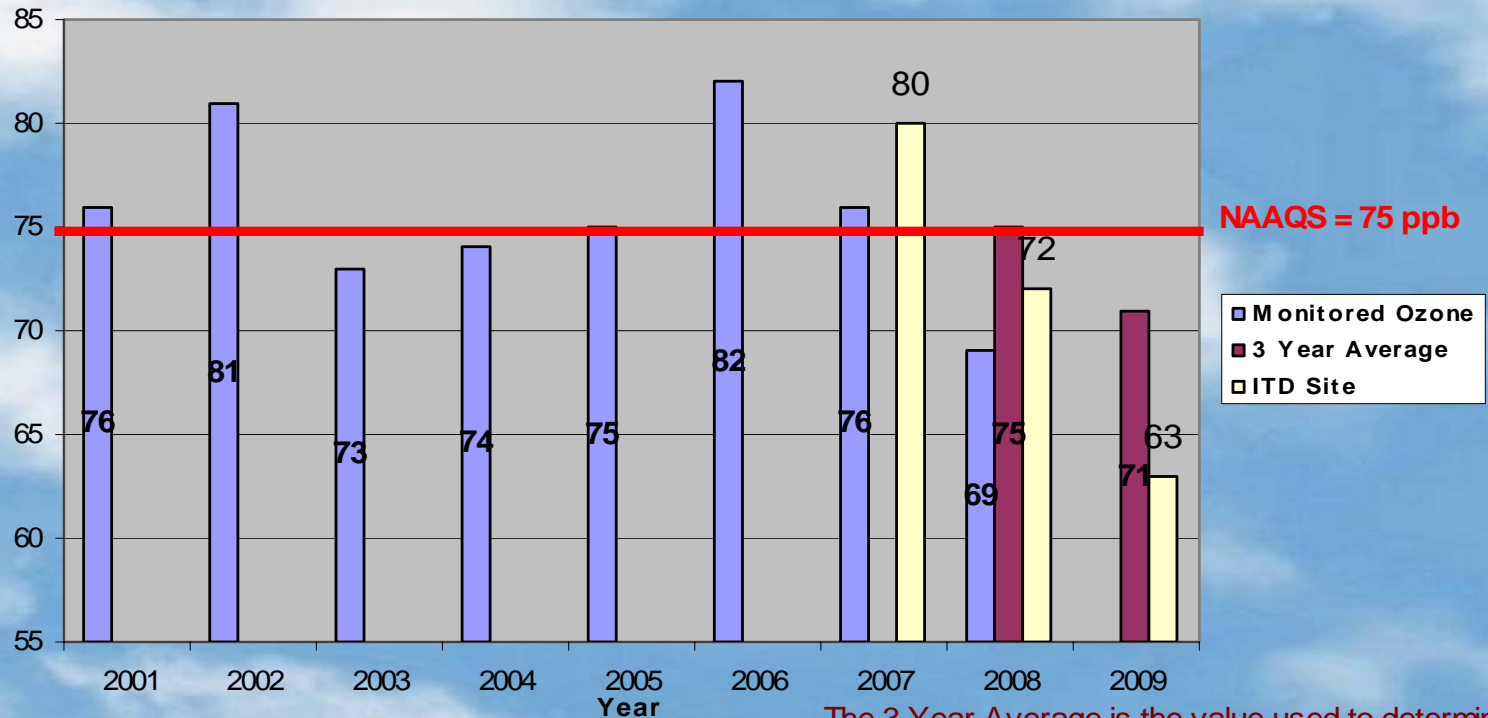
Other Voluntary Efforts

- Boise Regional Office co-hosted business ozone reduction educational meeting
- City of Boise instituted lawn mower buy-back program

Potential Future Ozone Issues

Treasure Valley Ozone Trend

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Q&A

