

EBC New Hampshire Chapter **Report from the NH DES** **Division Directors**



NORMANDEAU ASSOCIATES



ShawTM Shaw Environmental, Inc.

Air Resources Division Briefing to EBC's NH Chapter

Bob Scott, Director



May 12, 2006

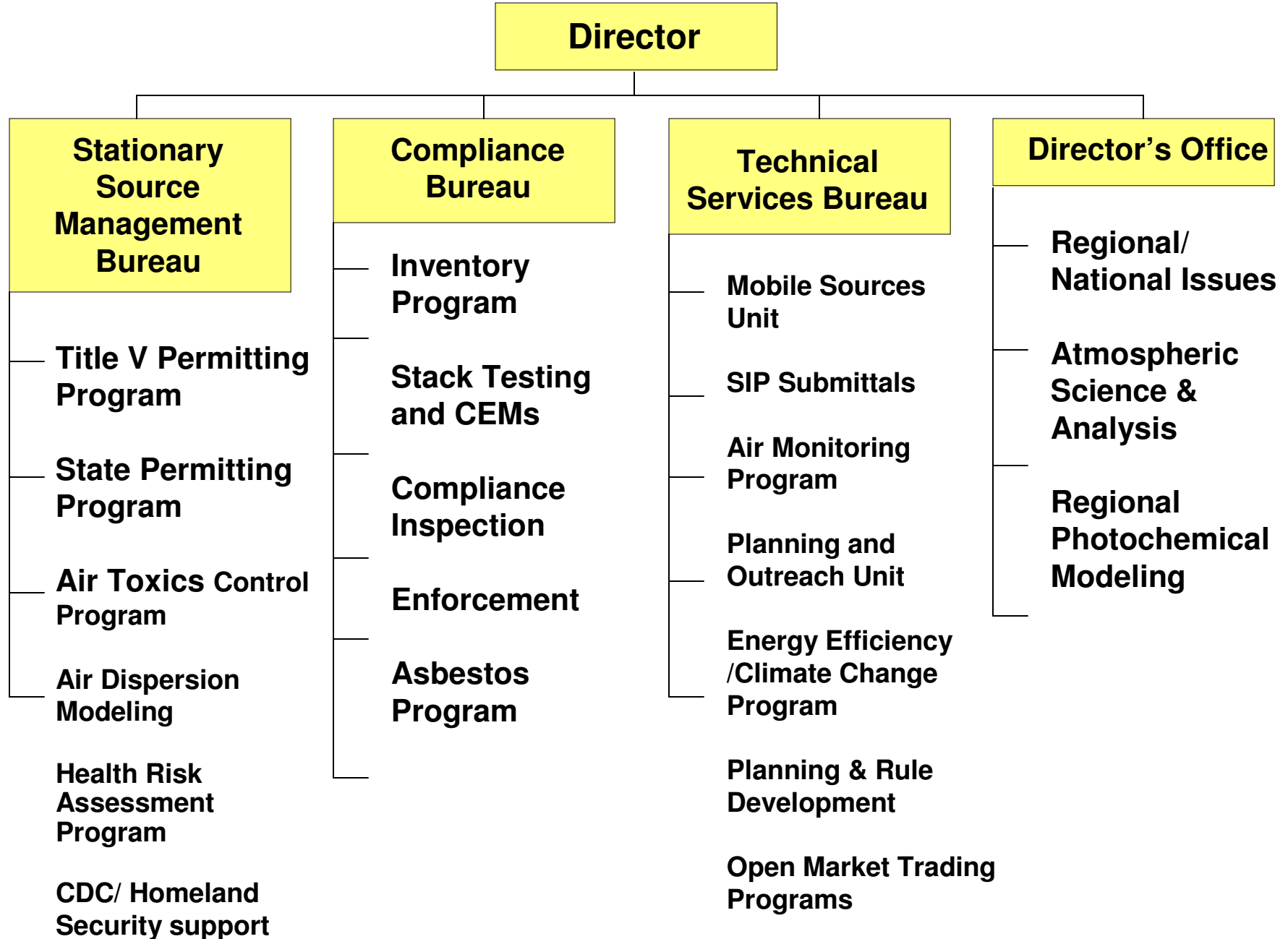
NHDES - ARD Mission

Healthy Air Quality Everyday

- **Maximum Reduction in Emissions**
- **Of the Most Harmful Pollutants**
- **As Quickly as Possible**
- **As Cost-Effectively as Possible**



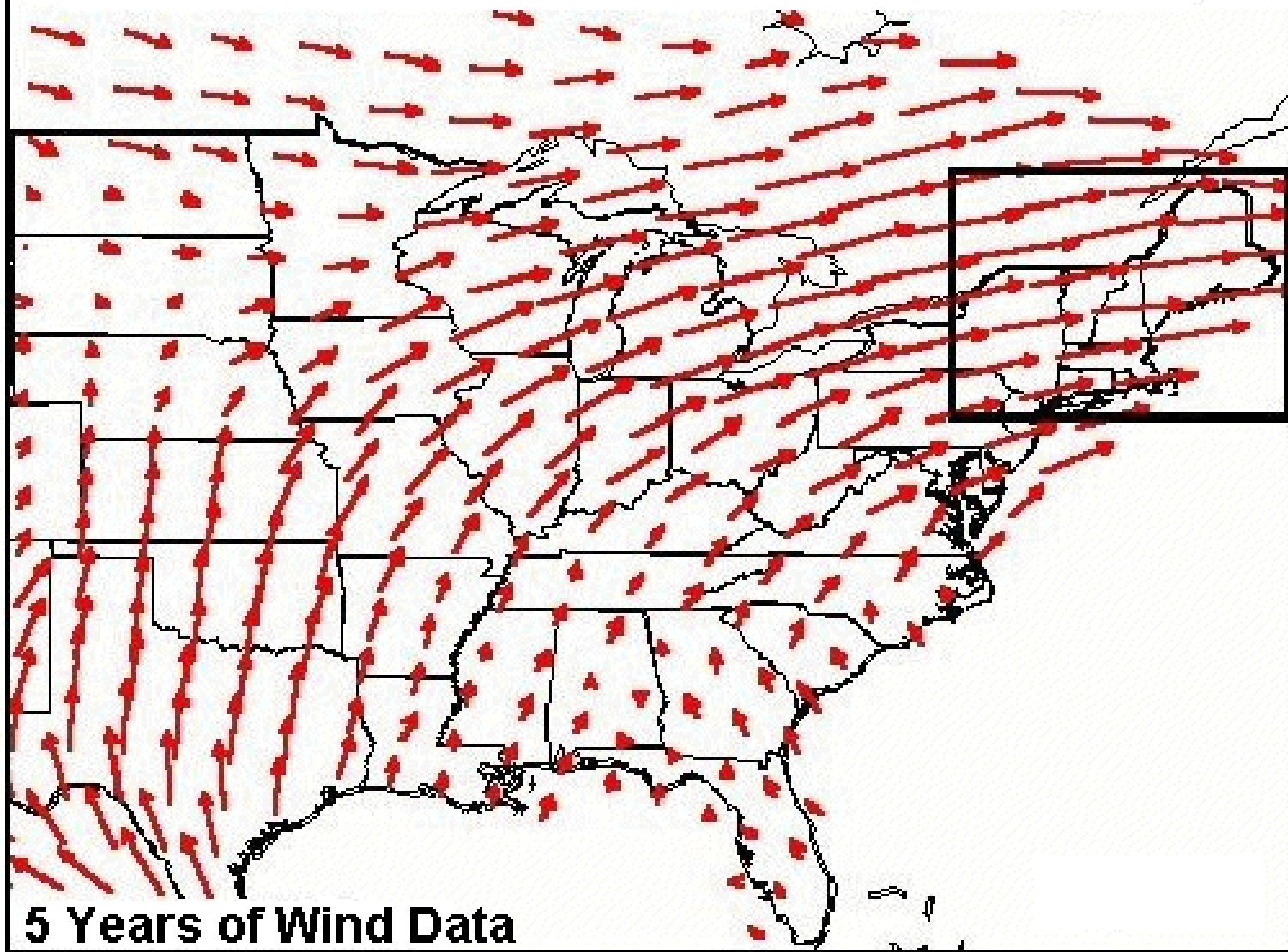
Air Resources Division



Air Quality Challenges

- **Air Pollution Transport**

Wind Direction on Worst Smog Days in the Northeast



Air Quality Challenges

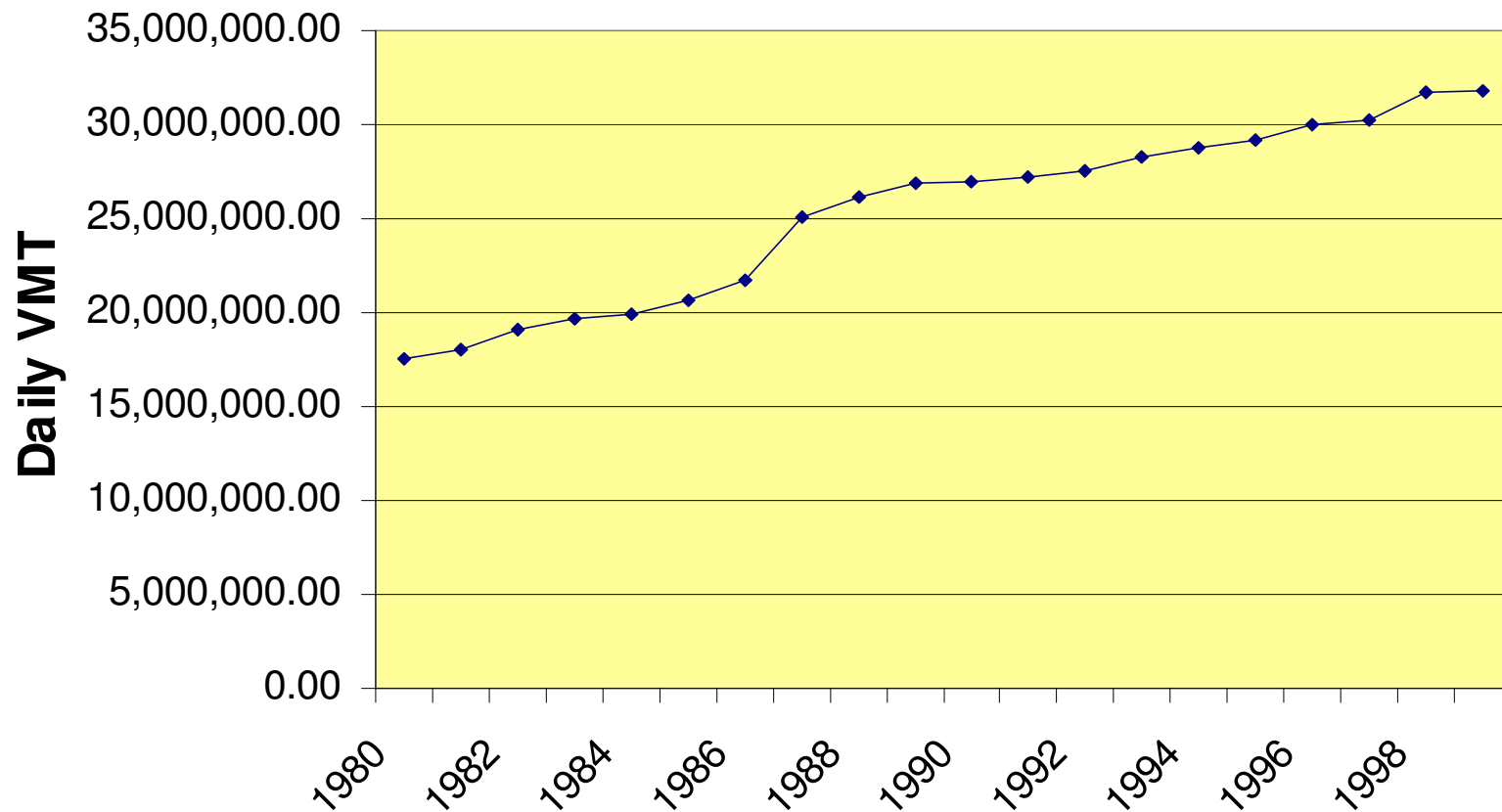
- **Air Pollution Transport**
 - Regional/National organizations
 - Ozone Transport Commission (OTC)
 - Mid-Atlantic Northeast Visibility Union (MANE-VU)
 - Legal action

Air Quality Challenges

- **Mobile Sources**

Vehicle Emissions are a Major Concern in NH – 1.2+ million cars

Daily Vehicle Miles Traveled 1980 to 2000



Air Quality Challenges

- **Mobile Sources**
 - **More than 50% of the air pollution**
 - **Higher public resistance**
 - **On-Board Diagnostics**
 - **Funding inequity**

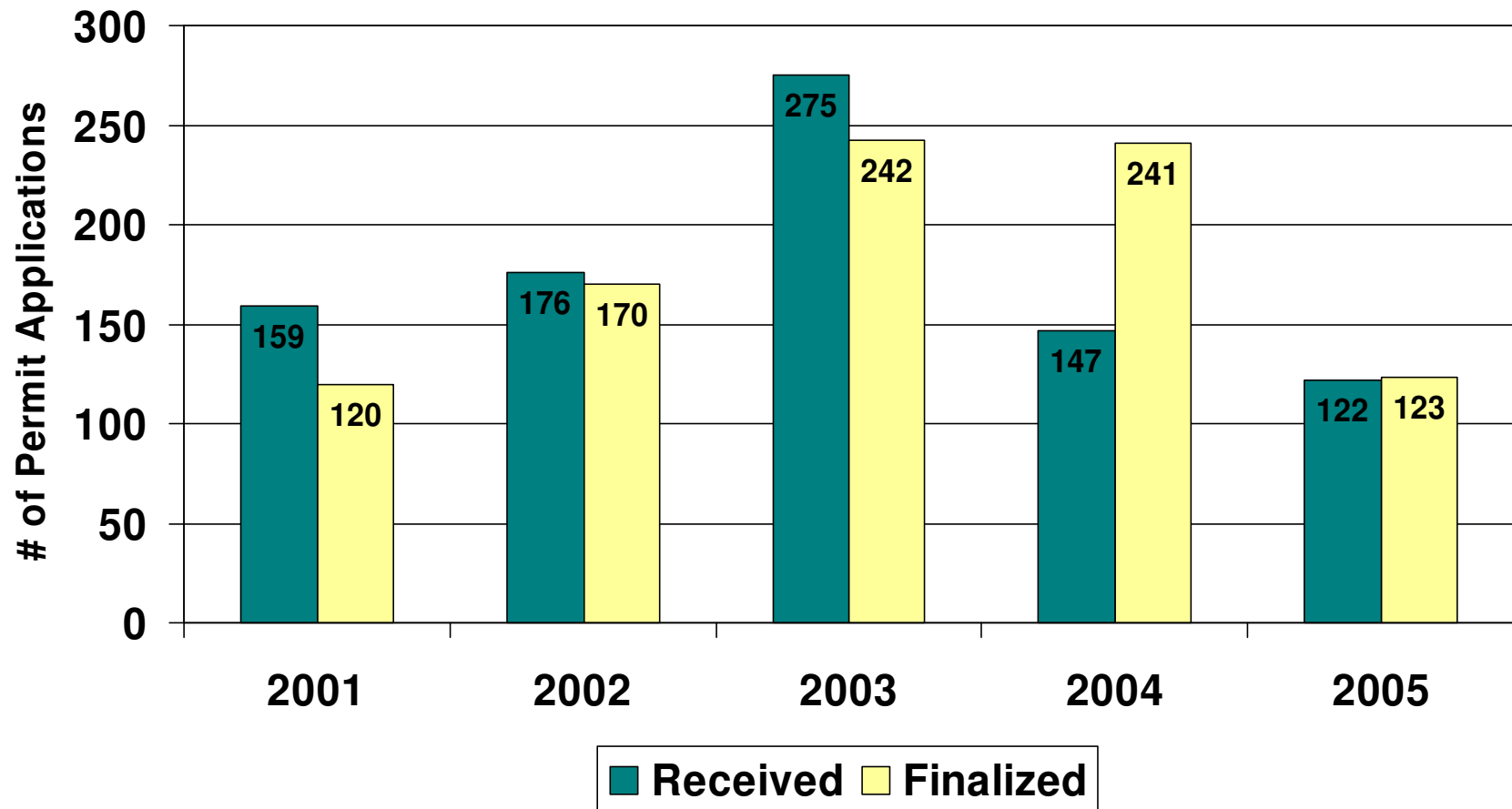
Air Quality Challenges

- **Air Toxics**
 - **Continued federal HAP activity**
 - **NH Toxic Regulations**
 - **Local not transport issue**

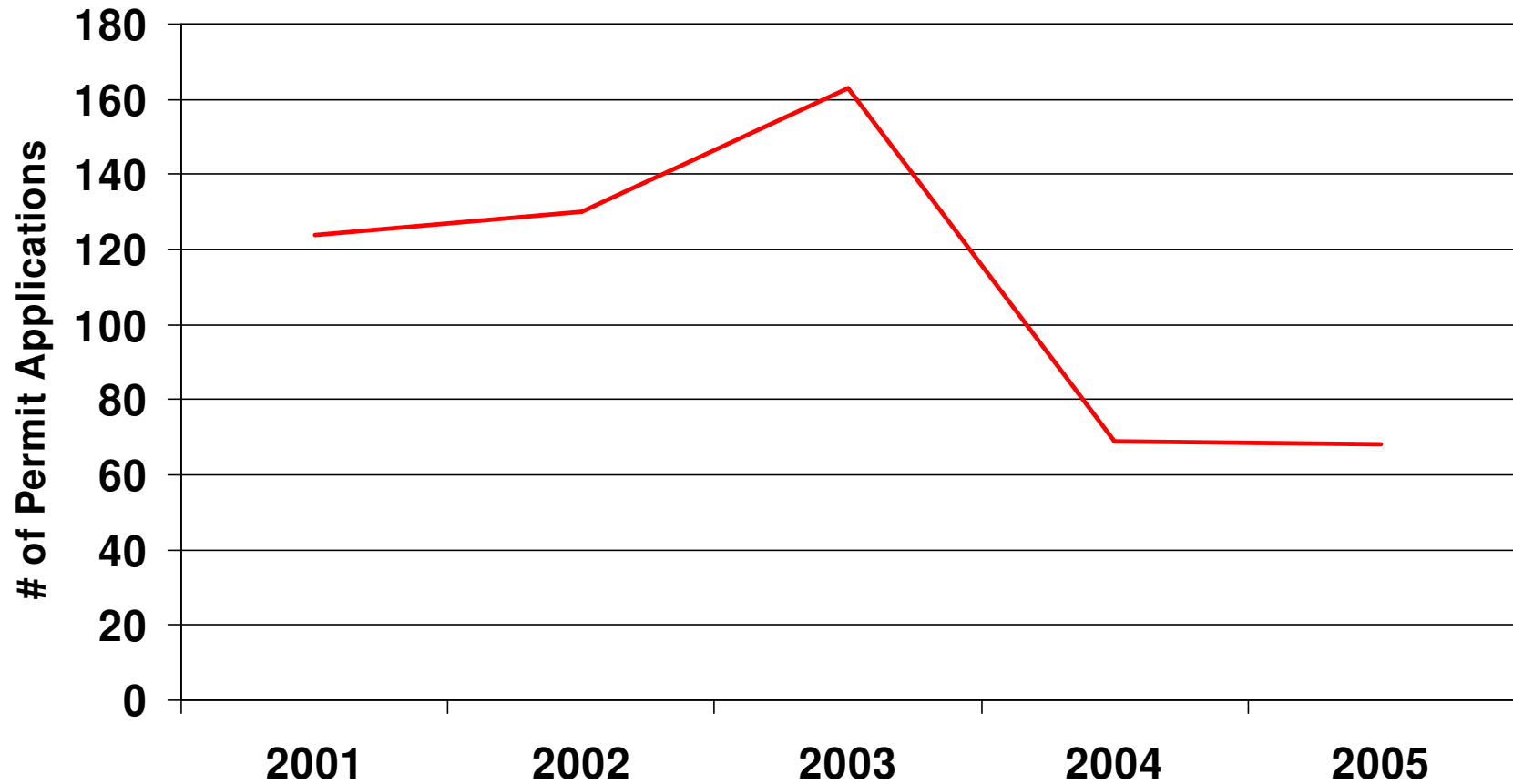
Air Quality Challenges

- **Stationary Sources**

Permit Applications Received and Finalized



Number of Open Permit Applications



Reminders - Fees

- Fees (Env-A 700): (Regulation changed in 2004)
 - Emissions-based Fees:
 - 2004 fees were due in July 2005
 - 2005 fees are due in April 2006
 - All future emissions-based fees are due in April of the following year
 - Application Fees: (New Sources Only)
 - Temporary permit applications (\$2000)
 - Air Toxics Review (\$500 initial & \$500 if a permit is required)
 - Modeling fees for initial permit applications:
 - \$2500 for all devices subject to Env-A 607.01
 - \$1500 for sources only subject to Air Toxics Rule (Env-A 1400)
 - Major source fees
 - Testing and monitoring fees for temporary permits

Summary of 2006 Legislative Activities

- SB 215 & HB 517 – Study committee & moratorium on the burning of construction/demolition derived materials:
 - Waiting for study report
- HB1673 – Clean Power Act
 - HG and SO₂ controls at Merrimack Station
- HB 1146 /SB 314 - renewable portfolio standards

Regulatory Updates

- Proposed Rule Changes include:
 - Draft Rule for BACT for the Combustion of Non-Exempt Fuels (Env-A 624)
 - Draft rule to JLCAR in May 2006
 - New Source Review Reform
 - NH is proposing to maintain the existing NSR program with minor changes to include Plant-wide Applicability Limits
 - Emissions Guidelines for Other Solid Waste Incinerators (small MWCs)
 - NH is required to adopt rules and submit a State Plan to EPA for approval by December 2006

Regulatory Updates - Continued

- Development of air regulations for landfills
 - Focus of the rules will be the capture and control of landfill gas
 - Goal is to have a rule drafted by December 2006
- Reviewing existing procedures regarding public notice of permit actions
 - In response to legislative concerns, ARD is considering revising the public notice procedures to include direct abutter notification and longer publication period

Air Quality Challenges

- **Energy**
 - **Renewable Portfolio Standards**
 - **Another bill next session?**
 - **Energy Efficiency Standards for State Government**
 - **Bio-fuels**

Air Quality Challenges

- **Climate Change**
 - **Regional Greenhouse Gas Initiative**
 - **Energy & Climate**

Air Quality Challenges

- **Increased Public Awareness and Interest**
 - Complaints
 - Cancer cluster & health concerns
 - Siting
 - NIMBY
 - Local Approvals
 - Failed HB 121

NH DES Air Resources Air Quality Complaints by Federal Fiscal Year

