An Electronic Data Entry System for Point Sources

• Sue Ehrhardt
• St. Louis County Air Pollution Control
• 111 South Meramec
• Clayton, MO 63105-1725
• 314-615-8916
• SEhrhardt@stlouisco.com
Missouri Air Pollution Control Programs:

- Missouri Department of Natural Resources
- St. Louis City
- St. Louis County
- Springfield-Green County
- Kansas City
St. Louis County

- ~380 Permitted Point Sources
- ~140 Sources submit EIQ’s annually
Objective of the Program:

- To make the annual Emission Inventory submittal as painless as possible for industry personnel, and still collect all the necessary data.
Agency Concerns

- Compatible with State system
- Maintain structural integrity
- Permanent record of data “as submitted”
Industry Concerns

- Transfer data electronically (MS Excel to MS Access)
- Confidentiality (not on a WEB site)
- User friendly
User Friendly Features

• Looks like the paper forms
• SCC Codes
• HAPs list
• Shows calculated values
• Transfers calculated values upon click
• Prints whole document or one page at a time.
Quality Assurance Features

- Looks like the paper forms
- Some fields reject data entry if value is out of parameters (days/week, hours/day)
- Pre-populated with previous year’s data
- MS Access, checking tables is easy
Local Agency Features

• Local Agencies use the same data entry format

• Extra Features:
  Export data for companies
  Export data to State Air Program
Updates

- Program developed in 1999 using MS Access 97

Must save 2007 as 2000, 2002-2003 compatible
No longer using Access 97