Air Task Group: Monitoring Task Update

Cara Casten
WDEQ-AQD
June 16, 2004
Work Plan Task A1: Monitoring

- **Objective:** Assessment of existing ambient air quality monitoring.
- **Plan:** To produce a map and companion summary of existing ambient monitoring; make map and data available to Clearinghouse website; assess need for additional ambient monitoring.
Work Plan Task A1 (cont’)

- **Responsibilities:** Expect agencies to provide info about sponsored monitors; participate in discussion of need for additional monitors. Cara is the lead for Task A1.

- **Costs:** In-kind support of participating agencies

- **Sequencing:** Short-term, see timetable for expected completion dates
Actual Timeline

- Monitoring questionnaire sent out for comment 2/26/04
- Questionnaire finalized 4/7/04
- Questionnaire and example sent out 4/13/04; original due date 4/28/04
- Latest due date 5/21/04
- As of 6/14/04 still missing FS data and secondary NPS data
Information Collection

Definition of “monitors”: An ambient air quality monitor is any mechanical monitor that monitors air quality or air quality related values.

Collected information on both active and historical monitors

Preliminary Information: name, operational dates, location, parameters, sponsoring agency, network
Information collection (cont’)

- Secondary information:
  - Objective
  - Site operator
  - Collection methods
  - Data completeness/validity
  - QA procedures
  - Data reporting
Information Storage/Presentation

- Stored information in an Access database
- Used ArcGIS to retrieve monitor information and make basic maps
- Will collaborate with WyGISC to link maps to the CBM Clearinghouse
- Will produce summary companion document for maps
Next Steps

- Collect missing monitor info
- Finalize maps
- Collaborate with CBM Clearinghouse
- Make summary companion document
- Use information to make recommendations on future air quality monitoring sites in PRB area.