

# 6. Assessments and Oversight

- Assessment of the Quality System (Big Picture, QA/QC)
  - Focus on organization/management and documentation of all QA/QC measures.
  - Every 5 Years.
  - Working Group (2-3 SC members).
- Network Reviews (Big Picture, network config)
  - Focus on number and location of samplers and frequency of sampling needed to meet regulatory requirements.
  - Every 5 years. Last review 2014.
  - Working Group (2-3 SC members).
- Technical System Audits – Field Operations
  - QC check of field sites
  - Subset of sites annually. Goal: Every Site in 10 years.
  - New QC Position at CIRA.

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- Performance Audits - Field Operations
  - Data recovery rate and completeness check.
  - Annually.
  - UC Davis.
- Performance Evaluations – Laboratory Operations
  - Quantitative Audit of laboratory analysis.
  - Annually.
  - EPA Office of Air Quality Planning and Standards
- Data Quality Assessments (Final Data Check)
  - Data inter-comparisons, identifying anomalous data, etc.
  - Ongoing, with full assessment written up every 5 years.
  - New QC Position at CIRA.

# 6. Assessments and Oversight

- Technical System Audits – Laboratory Operations
  - QC check of Labs.
  - Every 3 years.
  - EPA Office of Air Quality Planning and Standards

# New QC Position at CIRA

- Begin training for this position early 2016.
- Responsibilities
  - TSAs, Field Operations
    - Coordinate/support existing audits done by partners. Compile/archive results.
    - Audit an additional 14 sites per year. Compile/archive results.
    - Present audit results at SC Meeting.
  - Data Quality Assessments
    - Reproduce subset of QC checks implemented by the contractor.
    - Conduct analyses to identify potentially anomalous patterns and trends in the data and identify outliers.
    - Review FED output. Ensure FED and EPA AQS data are consistent.
    - Document all QA/QC measures.
- Paid for by EPA/NPS/USFS/FWS.