

AQS Webinar

March 2014 AQS Webinar

**Purpose: Discuss recent and
planned changes to AQS**

Phone: (866) 299-3188

Conference Code: 9195412802

1:00 PM Eastern



- Background
- New Transaction Walk-through.
- Transaction Generator Demo.
- AQS Changes for QA Transactions Demo
- Security Model for QA Data and Certification
- Certification.
- Other 2014 Changes



- The monitoring QA requirements are specified in 40 CFR Part 58 Appendix A and related guidance memos.
- In 2011, the OAQPS Ambient Air Monitoring Group initiated a project to QA transactions that more closely match the Appendix A requirements.
- In 2012 and 2013, Mike Papp hosted a workgroup to develop new QA transactions for submission to AQS
- AQS has been enhanced to fully support these.

New QA Transactions



- 1-Point QC
- Annual Performance Evaluation
- Flow Rate Verification
- Semi-Annual Flow Rate Audit
- Lead Analysis Audit
- Performance Evaluation Program (PEP)
- National Performance Audit Program (NPAP)
- PMc Flow Rate Verification
- PMc Semi-Annual Flow Rate Audit
- Speciation Flow Rate Verification
- Speciation Semi-Annual Flow Rate Audit
- NATTS Duplicate Assessment
- NATTS Replicate Assessment
- Field Proficiency Test
- Lab Proficiency Test
- Ozone SRP
- Ambient Air Protocol Gas Verification Program

AQS Software Changes



- New AQS-Load Components
- New Stage-Correct Forms
- New On-Line Maintain Forms
- New Report/Output Components
 - AMP504: Generate QA Transactions
 - AMP251: Raw QA Data Report
 - AMP256: Data Quality Indicator Report
- New Transaction Generator for PC
- On-Line Forms for QAPP, QMP, TSA, & ADQ
- Integration with Legacy Precision and Accuracy:
 - Nightly conversion of P&A data to new QA Tables

Implementation & Deployment



- | | |
|---------------------------------|------------------|
| • Production Deployment | Feb. 2014 |
| • User Training Webinars | Feb. – Mar. 2014 |
| • Beta Test | Mar. – Apr. 2014 |
| • Transaction Gen. NPAP Enh. | TBD |
| • XML Schema Load Capability | May 2014 |
| • De-support legacy P&A reports | May 2014 |
| • De-support loading RA & RP | Mar. 2015 |

Security & Access Control



- Access is controlled/allowed via Monitor Agency Role Assignments rather than Screening Group

Monitoring Organization (monitor owner)	Full access to routine QA data & Monitor Metadata
PQAO (Pooled QA across monitors)	Full access to routine QA data
Reporting Organization	Full access to routine QA data
Collecting Agency	Is this role needed?
Analyzing Agency	No access to QA data (?)
Audit Agency	Full access to <u>Independent</u> QA data (i.e. PEP & NPAP)
EPA Regional Staff	Read access to regional data for review
EPA HQ Staff	Read access to all data for review



- Make Sure Certifying Agency Set for new monitors
- Run Certification Report (AMP600)
- Fix any problems
- Re-Run AMP600
- Access Certification Form and set “Monitoring Agency Flags” (May override AQS Recommendation)
- Re-run AMP600
- Air program director sends certification letter to EPA with AMP600

Other Planned Changes



- Overlapping Monitor Type Removal (Complete)
- Monitors with multiple concurrent methods split
- Monitor-method refresh & begin validating incoming RD method against monitor method
- Stage Table cleanup and option for automatic cleanup
- Implement Agency Based Access Control
- Allow AQS access via Exchange Net User-IDs
- Discoverer Replacement



- Questions?
- Comments?