Changes in the AQS AMP255 report

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Appearance & Format

A new printable PDF version of the report is available. This was intended to address the issue that many users had with the spreadsheet download of the report. The same information is in the PDF version and the Excel spreadsheets.

The number of workfiles produced by the report has been reduced from 38 to 8. In addition, the AMP255.xls will produce only one workbook (instead of 7). The one workbook will have 8 worksheets within it (one corresponding to each of the 8 workfiles generated). The intent of the reorganization of the report was to provide a different worksheet for each of the types of evaluations that are specified in 40 CFR Part 58 Appendix A:

- One-Point Precision Checks
- Annual Performance Evaluations
- Flow Rate Verifications
- Semi-Annual Flow Rate Audits
- Collocation Sampling (Detail and Summery versions)
- Performance Evaluation Program (PEP)
- Lead Audits

Changes in Calculations

Several of the calculations and the details of the calculations also changed. Major changes include:

- Changes in the frequencies required - changed to reflect revised standards. All evaluations should be consistent with Appendix A requirements. This includes incorporating the differences between the number of samples required between high volume and low volume instruments.
- More sophisticated evaluation of reporting requirements. For example, the Semi-Annual Flow Rate Audits must be within a specified "window" (5-7 months). Additionally, more sophisticated evaluation of the number of samples required is also implemented.
- Inclusion of the new requirements for Lead Collocation audits.
- Corrections in the evaluation of the verification of the Annual Performance evaluations to be based on the one-point precision values.
- Changes in the way the number of primary monitors in a PQAO is evaluated. In the previous version, only those monitors where the PRIMARY MONITOR definition was provided (from the monitor collocations period definition) were used in the evaluation. Now this is defined as the number of sites that provide collocation data. If a monitor provides collocation data, it is deemed a "Primary Monitor".
- Enforcement of the minimum value levels defined in Appendix A for collocation evaluation.