**Software Release Notes for July 30, 2009 –
Changes to AQS**

Besides upgrading the database to Oracle's latest version (11g), a number of other "miscellaneous" fixes are also being implemented. Here's the list:

General

- The AQS Production database server was upgraded to Oracle 11g on July 26, 2009. We tested the software in the QA environment before the implementation; if you do encounter problems, please call the EPA Helpdesk (866-411-4372).
- The "List of Designated Reference and Equivalent Methods" (available at http://www.epa.gov/ttn/amtic/criteria.html) was updated on July 16, 2009. The new designated methods have been updated in AQS except for the two methods (181 and 182) from Thermo Scientific using TEOM for analysis. Since these instruments are not currently available for delivery, the update will be delayed until they are available.

Maintain

- Maintain > Sample Values > Composite - an erroneous error message *("A null reported sample value requires a null data code")* had been reported when a pre-Production composite data record was deleted. This error message has been removed.
- Maintain > Sample Values > Composite - now allows the creation of a new record using the down arrow key. (Previously, this had caused the message *"Field is protected against update"* to appear for the Year and Period fields.)
- Maintain > Sample Values > Composite – the Copy and Paste function now works.
- Maintain Site – The Source Map Scale business rule has been changed and it has been made consistent with the Agency's Locational Data Policy. Source Map Scale identifies the ratio of the map or cartographic product to the true location. It had been required for all sites, now it is only required for sites with non-GPS Horizontal Collection Methods.
- Maintain Accuracy – Error messages have changed. The Year and Quarter Accuracy Date is user-specified and refers to when the sample analysis was performed; the Year and Quarter Represented is either user-specified or system-generated and refers to the actual dates when the sample was collected. The Year and Quarter Represented can only differ from the Year and Quarter Accuracy Date when the parameter is lead ("Lead TSP STP" or 12128).   If the dates are different and the pollutant is not lead, then the error messages for "Year Represented" and "Quarter Represented" read as follows*: "For Lead (TSP) STP, Year Represented is either the year of, or the year prior to, the year of the Accuracy Date (date that sample analysis was made.)" and "For Lead (TSP) STP, Qtr Represented is either the quarter into which the Accuracy Date falls, any earlier quarter in the same year, or any quarter of the previous year."*

Reports

- AMP501 - Under rare circumstances, when an AMP501 (Extract Raw Data) was run after an AMP503 (Extract Sample Blank Data) while in the same session, then the AMP501 request did not produce data, even though there was data that met the criteria. This error has been corrected.
- Scan Report - Monitors that were deleted while they still had pre-production data at status "S" were being reported on the Scan Report. This has been corrected and these monitors are no longer reported.

Browse

- Browse Annual Summary - the Duration Code list-of-values now shows only those durations which are valid for the selected parameter. If no parameter is selected, then all durations will be displayed.

Batch
- Multiple batch reports - Users had reported errors when multiple batch reports had been submitted and when the second report was requested before the first report had completed. The Batch form has been modified to no longer allow a user to simultaneously request multiple batch reports.
- Post and Stat/CR - During Post and Stat/CR jobs, when monitors are skipped because the monitors are locked for update by another user, these skipped monitors continue to be reported in the email. The status of the job on the Batch form, however, now shows *WARNING*.

Correct
- Correct Raw Data - Exclusion Date is now correctly assigned for records that have had the Exclusion Flag changed using the Search and Replace function.
- Correct > Monitor Data > Sample Schedule - When the cursor was positioned in the POC field, the columns had disappeared. Now the table of records appears correctly, regardless of cursor position.

AQS Discoverer
- Comments view now correctly reports Monitor ID information.