

**Software Release Notes for PM2.5 Summaries (Patch 9) -
October 1, 2010**

Software updates ("Patch 9") were deployed to AQSPROD on October 1, 2010 before normal business hours. This patch will also require the calculation of some summary information, and the calculations will be completed by October 4. When the calculations are finished, the following data problems will be corrected:

1. The PM2.5 site-level summaries will not include data during the time period that any monitor is designated as "NON-REGULATORY." Any continuous PM2.5 monitors that are currently classified as "SPECIAL PURPOSE" must have the monitor type of "NON-REGULATORY" added to prevent these monitors from being used in the Design Values process.

In the July 24, 2008 memo "Implementing Continuous PM2.5 FEMs and ARMs in SLAMS Networks," agencies could designate an FEM PM2.5 continuous monitor as a Special Purpose Monitor for purposes of evaluating the method. Again, if this data is not to be used in the Design Values process, including the calculation of Design Values, then the Monitor Type of "NON-REGULATORY" must be added to the monitor record, with the appropriate begin date. (Online, this would be done on the Type Assignment tab under Maintain Monitor. Via batch, this would be on the Monitor Type Information "MC" transaction.)

2. The recalculation of the PM2.5 site-level summaries will also correct the following two problems:
 - a. When data with exceptional event flags was summarized, the exceptional event types were not correctly combined.
 - b. The creditable sample count will include all samples from the collocated sampler when it is sampling more frequently than the primary sampler, but the data completeness will not be reduced when a collocated sample is missing.