

Stage 2 DBP Rule IDSE Report Reminder for Schedule 3 & 4 Systems

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The Stage 2 DBP rule applies to Community and Nontransient Noncommunity (NTNC) water systems that add and/or deliver water that is treated with a primary or residual disinfectant other than ultraviolet light. Under the Stage 2 DBP rule, systems will conduct an Initial Distribution System Evaluation (IDSE), to identify the locations with high disinfection byproduct concentrations. These locations will then be used by the systems as the sampling sites for Stage 2 DBP rule compliance monitoring.

There are four ways to comply with the IDSE requirements: Standard Monitoring, System Specific Study, 40/30 Certification, and Very Small System Waiver. The 40/30 certifications and Very Small System Waivers have already been processed by the Department of Public Health – Drinking Water Section (DWS). The System Specific Study option was elected only by a few large systems. This article is intended for the smaller systems, which still have pending due dates for standard monitoring.

The Standard Monitoring option requires the system to collect 1 year of TTHM and HAA5 data at a specified frequency and locations to characterize TTHM and HAA5 levels in the distribution system. In addition to this data, the system must use available Stage 1 DBP rule compliance data to determine the best locations for Stage 2 DBP rule compliance monitoring. The IDSE Standard Monitoring fact sheet is located on the EPA website at http://www.epa.gov/safewater/disinfection/stage2/pdfs/fs_sm_fact_sheet_final.pdf Schedule 3 systems (PWS with population between 10,000 and 49,999) that have chosen the standard monitoring option are required to complete their standard monitoring by **9/30/2009**. Schedule 4 systems (PWS with population <10,000) that have chosen the standard monitoring option are required to complete their standard monitoring by **3/31/2010**.

The required elements of the IDSE Report are:

- TTHM and HAA5 analytical results from all Stage 1 DBP rule and Standard Monitoring conducted during the period of standard monitoring.
- Explanation of any deviations from the approved standard monitoring plan.
- Recommendations and justification for Stage 2 DBP rule compliance monitoring sites and dates.

If the following information changed from the approved standard monitoring plan, also include:

- Distribution system schematic.
- Population served by the system.
- System type (subpart H or ground water).

Schedule 3 systems must submit their IDSE report by **1/1/2010**. Schedule 4 systems must submit their IDSE report by **7/1/2010**. The IDSE Report form is on the DWS website http://www.ct.gov/dph/lib/dph/drinking_water/docs/IDSE_Report.doc

You will use the results from standard monitoring and Stage 1 DBP rule compliance monitoring to select Stage 2 DBP rule compliance monitoring sites. Schedule 3 and Schedule 4 systems must begin compliance monitoring by **10/1/2013**.