

ERRATA

Draft Supporting Analyses for the Proposed Revised Total Coliform Rule

US EPA Office of Ground Water and Drinking Water

May 14, 2009

[Baseline Conditions Draft for SAB DWC 05.1.09 \(PDF\)](#)

- Page 4-10, line 19, change Section number 4.3.2 to 4.3.3.
- Page 4-20, line 12, change Exhibit number 4.11 to 4.12.
- Page 4-21, line 1, change Exhibit number 4.11 to 4.12.

[Occurrence and Predictive Model Draft for SAB DWC 05.1.09 \(PDF\)](#)

- Page 5-21, line 24, change Exhibit number from 5.12 to 5.13.
- Page 5-22, Footnote 7 at bottom of the page, change “5” to “4” and add the word “briefly” after the new “4”. The sentence should read, “Footnote 4 briefly describes the three regulatory scenarios.”
- Page 5-23, line 42, delete “Exhibit 4.8” and replace with “Exhibits 5.10 and 5.11.”
- Page 5-30, line 23, change Exhibit number 5.11 to 5.21.
- Page 5-43, line 17, change Exhibit number 4.8 to 4.9.
- Page 5-45, line 46, change Exhibit number 4.8 to 4.10.

[Benefits Analysis Draft for SAB DWC 05.1.09 \(PDF\)](#)

- Page 6-4, line 21, after the sentence ending with “stringent” add a new sentence “The primacy agency has the discretion to reduce the monitoring frequency for well operated ground water NCWS and ground water CWS serving < 1,000 people.”
- Page 6-4, lines 21-22, replace the sentence “In order to be eligible for reduced monitoring, ground water PWSs under the AIP must meet criteria:” with “Under the AIP, eligibility for reduced monitoring for NCWSs and CWSs, respectively, is discussed as follows:”

- Page 6-4, line 24 to page 6-5, line 5, replace text with:

NCWSs

To be eligible to qualify for and remain on annual monitoring after the compliance effective date, non-community groundwater systems serving $\leq 1,000$ persons must meet each of the following criteria:

- The most recent sanitary survey shows the system is free of sanitary defects and has a protected water source and meets approved construction standards;
- The system must have a clean (TCR) compliance history (no MCL violations, Level 1 triggers, Level 2 triggers, treatment technique violations or monitoring violations) for a minimum of 12 months;
- An annual site visit (recurring) by the primacy agency within the last 12 months and correction of all identified sanitary defects. A voluntary Level 2 assessment by a party approved by the primacy agency may be substituted for the primacy agency annual site visit; and
- The primacy agency should encourage additional enhancements to the barriers protecting the distribution system from contamination. These measures could include but are not limited to the following:
 - Cross connection control, as approved by the primacy agency;
 - An operator certified by an appropriate primacy agency certification program, which may include regular visits by a circuit rider;
 - Continuous disinfection entering the distribution system and a residual in the distribution system in accordance with criteria specified by the primacy agency; and
 - Maintenance of at least a 4-log inactivation of viruses each day of the month based on daily monitoring as specified in the GWR (with allowance for a 4-hour exception).
 - Other equivalent enhancements to water system barriers as approved by the primacy agency.

CWSs

To be eligible for quarterly reduced monitoring, community ground water systems serving $\leq 1,000$ persons on monthly monitoring after the compliance effective date must be in compliance with primacy agency certified operator provisions and meet each of the following criteria:

- The most recent sanitary survey shows the system is free of sanitary defects (or has an approved plan and schedule to correct them), has a protected water source and meets approved construction standards;
- The system must have a clean (TCR) compliance history (no MCL violations, Level 1 or Level 2 triggers, treatment technique violations or monitoring violations) for a minimum of 12 months; and
- Meet at least one of the following criteria:

- An annual site visit by the primacy agency or a voluntary Level 2 assessment by a party approved by the primacy agency and correction of all identified sanitary defects (or an approved plan and schedule to correct them), or
 - A cross connection control program, as approved by the primacy agency, or
 - The system must maintain continuous disinfection entering the distribution system and a residual in the distribution system in accordance with criteria specified by the primacy agency, or
 - The system must maintain at least a 4-log inactivation of viruses each day of the month based on daily monitoring as specified in the GWR (with allowance for a 4-hour exception); or
 - Other equivalent enhancements to water systems as approved by the primacy agency.
- Page 6-6, line 33, replace the word “violation” with “a single TC+ sample”
 - Page 6-8, line 13, change “see section 6.3.6” to “see section 6.2.6”.
 - Page 6-11, line 23, change “sections 6.2.1 – 6.2.3” to “section 6.3.1”.
 - Page 6-15, line 9, change “The number of corrective actions listed under the categories N. and Q. are zero because” to “Zero corrective actions are indicated in the two Number of Corrective Actions columns because ”
 - Page 6-16, in Exhibit 6.3, delete the “Tier 2 PNs” column heading and replace with “Total Level 1 and Level 2 Assessment Triggers¹”.
 - Page 6-16, line 13, add “¹Total Level 1 and Level 2 assessment triggers do not include acute assessment triggers.”
 - Page 6-16, line 8, change “Columns N. and Q.” to “The two Number of Corrective Actions columns”.
 - Page 6-17, title of Exhibit 6.4, add “for 25-Year Period of Analysis” between “Outcomes” and “under”. The sentence should read “Predictive Outcomes for 25-Year Period of Analysis under the Alternative Analysis.”
 - Page 6-17, in Exhibit 6.4, delete the “Tier 2 PNs” column heading and replace with “Total Level 1 and Level 2 Assessment Triggers¹”.
 - Page 6-17, line 11, add “¹Total Level 1 and Level 2 assessment triggers do not include acute assessment triggers.”
 - Page 6-17, line 7, change “Columns N. and Q.” to “The two Number of Corrective Actions columns”.
 - Page 6-21, line 35, delete “based on a 40 year model run”.

[Cost Analysis Draft for SAB DWC 05.1.09 \(PDF\)](#)

- Page 7-11, line 22, change Exhibit number 7.8 to 7.9.