



Ground Water Rule (GWR) Monitoring Requirements

Consecutive Systems *With* Their Own Source Conducting Triggered Source Water Monitoring

See additional placards for requirements for systems with their own source that do not purchase water or sell water to another system, wholesale systems, consecutive systems without their own source, and those providing 4-log treatment of viruses and conducting compliance monitoring

TOTAL COLIFORM-POSITIVE

You must conduct triggered source water monitoring at each ground water well in response to a total coliform-positive routine sample collected under the Total Coliform Rule (TCR) unless you are conducting compliance monitoring for 4-log treatment of viruses.

- Notify any wholesale systems from which you receive water **WITHIN 24 HOURS** of receiving notice of a total coliform-positive routine sample.
- Conduct triggered source water monitoring at each of your own ground water well(s) **WITHIN 24 HOURS¹** of being notified of a total coliform-positive routine sample.
- If you suspect the total coliform-positive routine sample was caused by a distribution system problem, **contact your state** to discuss options.
- Sample from each source in use at the time the total coliform-positive routine sample was taken for every total coliform-positive routine sample, unless the state has approved representative monitoring.
 - Your state may allow you to use representative source water monitoring to reduce the number of samples collected. **Contact your state** for approval.
- Sample for the state-approved fecal indicator. **Contact your state** to determine which one(s) is approved and list here:
- **Contact your state** to ensure you are following the correct sampling procedures and contact your lab to ensure you are using the appropriate materials for monitoring. If your system serves **<1,000 people**, you may be able to use TCR repeat monitoring collected from a ground water source to meet GWR requirements. **Contact your state** for more information.

FECAL INDICATOR-POSITIVE

If triggered source water monitoring results from your source are fecal indicator-positive you must:

- **Notify your state** and if your state does not require corrective action, collect 5 additional source water samples **WITHIN 24 HOURS¹**.
- The state may invalidate a fecal indicator-positive sample on a case-by-case basis. **Contact your state.** If your sample is invalidated, you must **resample for the same indicator WITHIN 24 HOURS¹**.
- Notify the public with a **Tier 1 Public Notice (PN) WITHIN 24 HOURS.**
- Community water systems must notify the public with a **Special Notice in your next CCR.**

If triggered source water monitoring from your wholesale system's source is fecal indicator-positive you must:

- Notify the public with a **Tier 1 PN WITHIN 24 HOURS.**
- Community water systems must notify the public with a **Special Notice in your next CCR.**

Laboratory Contact Information:

ADDITIONAL MONITORING

If your fecal indicator source water sample is positive then the state may require additional monitoring:

- Take 5 samples from each source that was fecal indicator-positive **WITHIN 24 HOURS¹**.
- If an additional sample is fecal-indicator positive, you must:
 - Notify the public with a **Tier 1 PN WITHIN 24 HOURS.**
 - Community water systems must notify the public with a **Special Notice in your next CCR.**
 - **Consult with your state** and take approved **Corrective Action.**

If you are notified by your wholesale system that additional source water monitoring results are fecal indicator-positive you must:

- Notify the public with a **Tier 1 PN WITHIN 24 HOURS.**
- Community water systems must notify the public with a **Special Notice in your next CCR.**
- **Consult with your state** and take approved **Corrective Action.**

CORRECTIVE ACTION

You have to take corrective action if you are notified of a fecal indicator-positive additional sample, a significant deficiency, or if the state requires it in response to a fecal indicator-positive triggered or assessment sample.

- A significant deficiency may be identified during a sanitary survey or at any other time.
- You are required to provide the state with information requested to complete a sanitary survey.
- **Within 30 days of notification** you must **consult with your state** to determine a corrective action unless your state specifies a corrective action.
- Corrective Action options are:
 - Correct all significant deficiencies
 - Provide an alternate source of water
 - Eliminate the source of contamination
 - Provide 4-log treatment of viruses.
- **Within 120 days of notification** you must complete corrective action, or be in compliance with state-approved corrective action plan and schedule.
- If you fail to take corrective action, you will incur a treatment technique violation and must **notify your state** within 48 hours and notify the public with a **Tier 2 PN** within 30 days.
- *Community water systems:* If you have not corrected the significant deficiency before the end of the calendar year, you must notify the public with a **Special Notice in your next CCR** and repeat annually until the significant deficiency has been addressed.
- *Noncommunity water systems:* If you have not corrected the significant deficiency within 12 months, you must notify the public with a **Special Notice** and repeat annually until the significant deficiency has been addressed.

Footnote 1: The state may provide more time on a case-by-case basis. **Contact your state** if you face circumstances beyond your control.

If you **fail to conduct required monitoring** within 24 hours of notification of a total coliform- or fecal indicator-positive sample, you must notify the public with a **Tier 3 PN (possibly in your next CCR).**

More information can be found in EPA's Consecutive Systems Guide for the GWR (EPA 815-R-07-020, July 2007).

The term "state" is used to refer to all types of primacy agencies including states, U.S. territories, Indian tribes, and EPA.

Wholesale Systems' Contact Information:

You are required to notify all wholesale systems **WITHIN 24 HOURS** of receiving notice of a total coliform-positive sample. Please ensure that all wholesale systems' contact information is available and provided below to ensure that they can be contacted within the appropriate timeframe.

Name: _____ Phone Number: _____ Name: _____ Phone Number: _____

Name: _____ Phone Number: _____ Name: _____ Phone Number: _____