

PROCEDURES for a POSITIVE COLIFORM SAMPLE

Step 1. Collect REPEAT samples (RTCR)

A set of three repeat samples after each TC+ routine sample within 24 hours of being notified of a positive sample or, as soon as can be received by the lab.

1. At the original location,
2. Within 5 connections upstream,
3. Within 5 connections downstream.

If the routine sample was E coli + and a repeat sample cannot be collected within 24 hours, systems should issue a “Boil Advisory” and inform all water uses. Several laboratories can be available after hours and weekends.

Step 2. Collect TRIGGERED source samples (GWR)

Samples must be collected within 24 hours of being notified of a positive sample or, as soon as can be received by the lab. Samples must be collected before treatment and/or disinfection.

1. One sample from EACH groundwater source(s) in use at the time of the positive sample, or from a
2. DDW approved representative monitoring location (SSG01)

If a REPEAT sample is TC+

1. **Conduct a Level 1 Assessment** and submit the assessment form to the DDW within 30 days. Level 1 Assessments may be performed by the water system.
2. Provide public notice within 30 days by posting, hand/direct delivery, or mail.
3. **A Level 2 Assessment must be conducted** by the DDW or DDW approved third party if TWO level 1 triggers in a rolling 12 month period have occurred. **Contact the DDW for a Level 2 Assessment.**

If a REPEAT or TRIGGERED source sample is EC+

1. Report to the DDW at 801-536-4200 and Local Health Department. **A “BOIL ORDER” will be issued.**
2. **Provide public notice** by radio, television, hand or direct delivery, and posting in conspicuous locations to all users as soon as practical but within 24 hours after you are informed. Describe the corrective actions you are taking and include the standard EPA required information (see Boil Order Template).
3. **Provide Boil Water Order – FAQ** or a link to this information.
4. **If the triggered source sample is E coli positive, you must collect 5 confirmation samples from the source with the positive sample.**

After issuing the BOIL ORDER

1. **A Level 2 Assessment is required.** Level 2 Assessment must be performed by the DDW or DDW approved third party.
2. Determine and implement corrective action and sampling follow-up in cooperation with the local health department and DDW.
3. **Collect a minimum of 3 follow-up samples**, and Cl₂ residuals, if applicable.
4. **Collect a second set of 3 follow-up samples after the system has returned to the standard operating standards.**
5. Issue a “Boil Order Release” when the issue has been resolved.