



Requirements for Small Systems on MONTHLY Monitoring

WHO DOES THIS FACTSHEET APPLY TO?

ALL PUBLIC WATER SYSTEMS (PWSs), REGARDLESS OF SOURCE, THAT SERVE 1,000 PEOPLE OR FEWER and collect at least one routine total coliform (TC) SAMPLE MONTHLY.

RTCR

What to Do?

Step 1

Develop/update your sample siting plan.

Step 2

Collect your drinking water samples.

Step 3

Conduct required actions.



FOR ASSISTANCE, PLEASE CONTACT THE PROPER ALASKA DRINKING WATER OFFICE:

ANCHORAGE

PHONE:
(907) 269-7623 OR
(866) 956-7656 TOLL-FREE
OUTSIDE OF ANCHORAGE

FAIRBANKS

PHONE:
(907) 451-2108 OR
(800) 770-2137 TOLL-FREE
OUTSIDE OF FAIRBANKS

SOLDOTNA

PHONE:
(907) 262-5210

WASILLA

PHONE:
(907) 376-1850

ATTENTION!

All PWSs must comply with the RTCR requirements starting April 1, 2016.

STEP 1: DEVELOP/UPDATE YOUR SAMPLE SITING PLAN*

Contact the Drinking Water Program for assistance. The RTCR Sample Siting Plan Template can be found under Forms at:

<http://dec.alaska.gov/eh/dw/RTCR.htm>

- **DEVELOP A SAMPLE SITING PLAN AND HAVE IT READY FOR USE BY APRIL 1, 2016.** If you already have a sample siting plan for the Total Coliform Rule (TCR), update this plan to meet the requirements of the RTCR.
 - **LIST THE LOCATIONS WHERE YOU WILL TAKE YOUR SAMPLES (ROUTINE AND REPEAT):** Any location that is used for GWR triggered source water monitoring must be included.
 - **INCLUDE YOUR ROUTINE COLLECTION SCHEDULE:** For example, "System will collect one routine total coliform sample every first Monday of the calendar month."
 - **UPDATE TO REFLECT CHANGES AT YOUR PWS:** The sample siting plan is a living document and should be updated to reflect changes at your PWS such as: major changes in population; a new or additional water source; infrastructure changes, such as a change in the distribution system (i.e. extended/abandoned lines) or pressure zones; or changes in disinfection or other treatment.

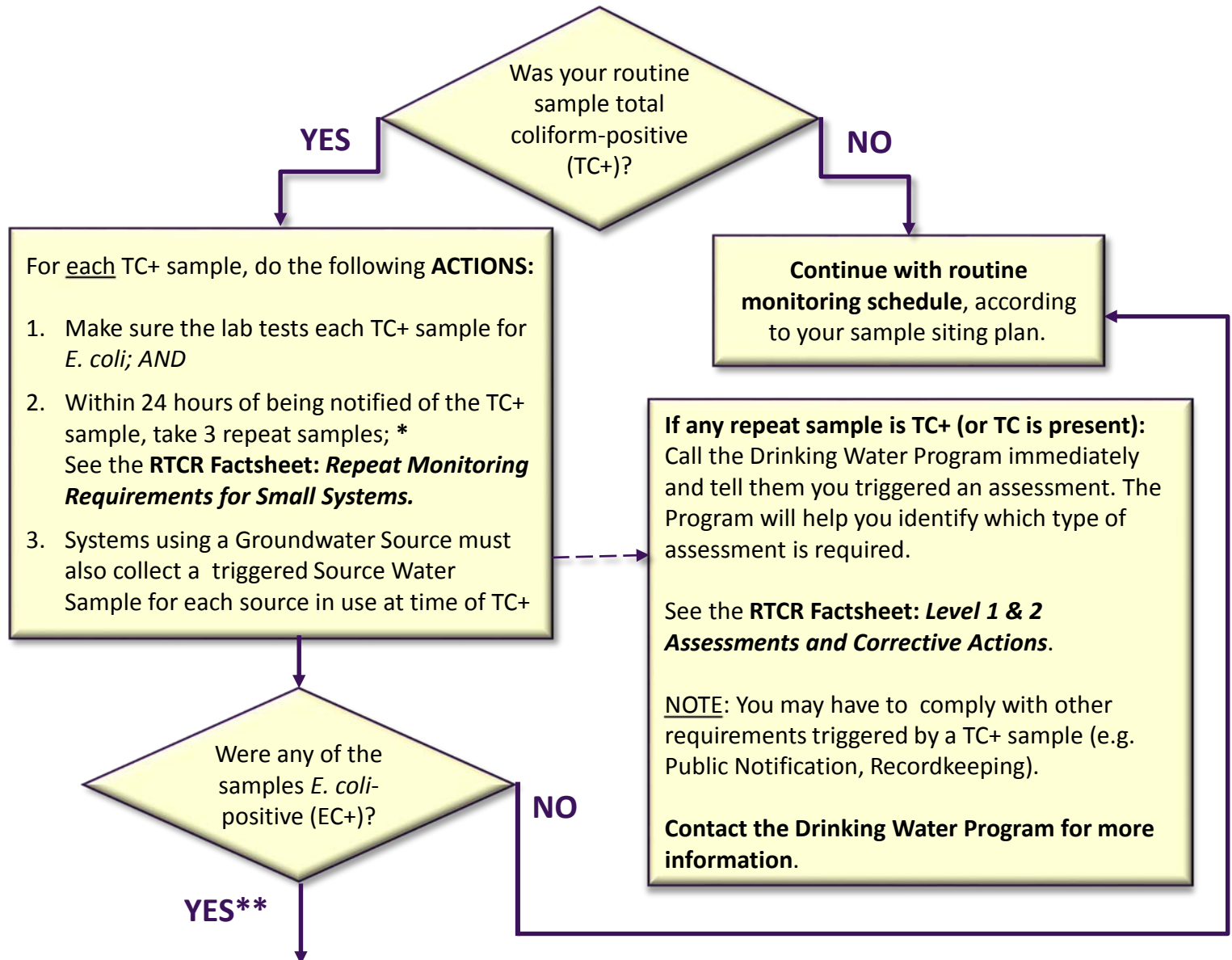
STEP 2: COLLECT YOUR DRINKING WATER SAMPLES

Know your RTCR routine sampling requirements.

- **COLLECT AT LEAST ONE 100 ML** routine drinking water sample every calendar month.
- **IMMEDIATELY SEND YOUR SAMPLE TO A STATE-CERTIFIED LAB** that performs total coliform drinking water analyses.
 - Remember the lab must begin analyzing the drinking water sample no later than the 30th hour from the collection time, unless you have an approved 48-hour waiver in place.
 - If necessary, ship the sample overnight and refrigerate or ice the sample using "blue" ice (cooled to about 4° to 10° C).

NOTE: *The sample siting plan is subject to review and revision by the Drinking Water Program.

STEP 3: CONDUCT ACTIONS REQUIRED AS A RESULT OF YOUR SAMPLING



Call your Environmental Program Specialist! You must have a **Level 2 Assessment** performed if the PWS has any of the following occurrences:

- TC+ Routine and EC+ Repeat sample;
- EC+ Routine and TC+ Repeat sample;
- The PWS fails to take and analyze all 3 required repeat samples following an EC+ routine sample; or,
- The PWS fails to test for *E. coli* when any repeat sample is TC+.

Within 30 days after you learned your PWS has triggered an assessment, a completed assessment form must be submitted to the Drinking Water Program. The assessment must be completed by an individual approved by the Drinking Water Program. Contact your Environmental Program Specialist for a list of approved inspectors.

NOTES

* If you miss any routine or repeat samples, contact the Drinking Water Program.

** Call the Drinking Water Program on the same day you learn of the EC+ result, or by the end of the next business day, and tell them you received an EC+ result.