



Requirements for Small Systems on Quarterly Monitoring

WHO DOES THIS FACTSHEET APPLY TO?

GROUND WATER PUBLIC WATER SYSTEMS (PWSs) THAT SERVE 1,000 OR FEWER PEOPLE and collect at least one routine total coliform (TC) SAMPLE QUARTERLY.

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 in use 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 repeat sampling location that is also used for GWR triggered source water monitoring must be included.
 - **INCLUDE YOUR ROUTINE COLLECTION SCHEDULE:** For example, systems that operate year-round will sample the first Monday of every calendar quarter between Jan. 1 – March 31, April 1 – June 30, July 1 – Sept. 30, and Oct. 1 – Dec. 31. Seasonal systems must sample in the month(s) of highest demand.
 - **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.

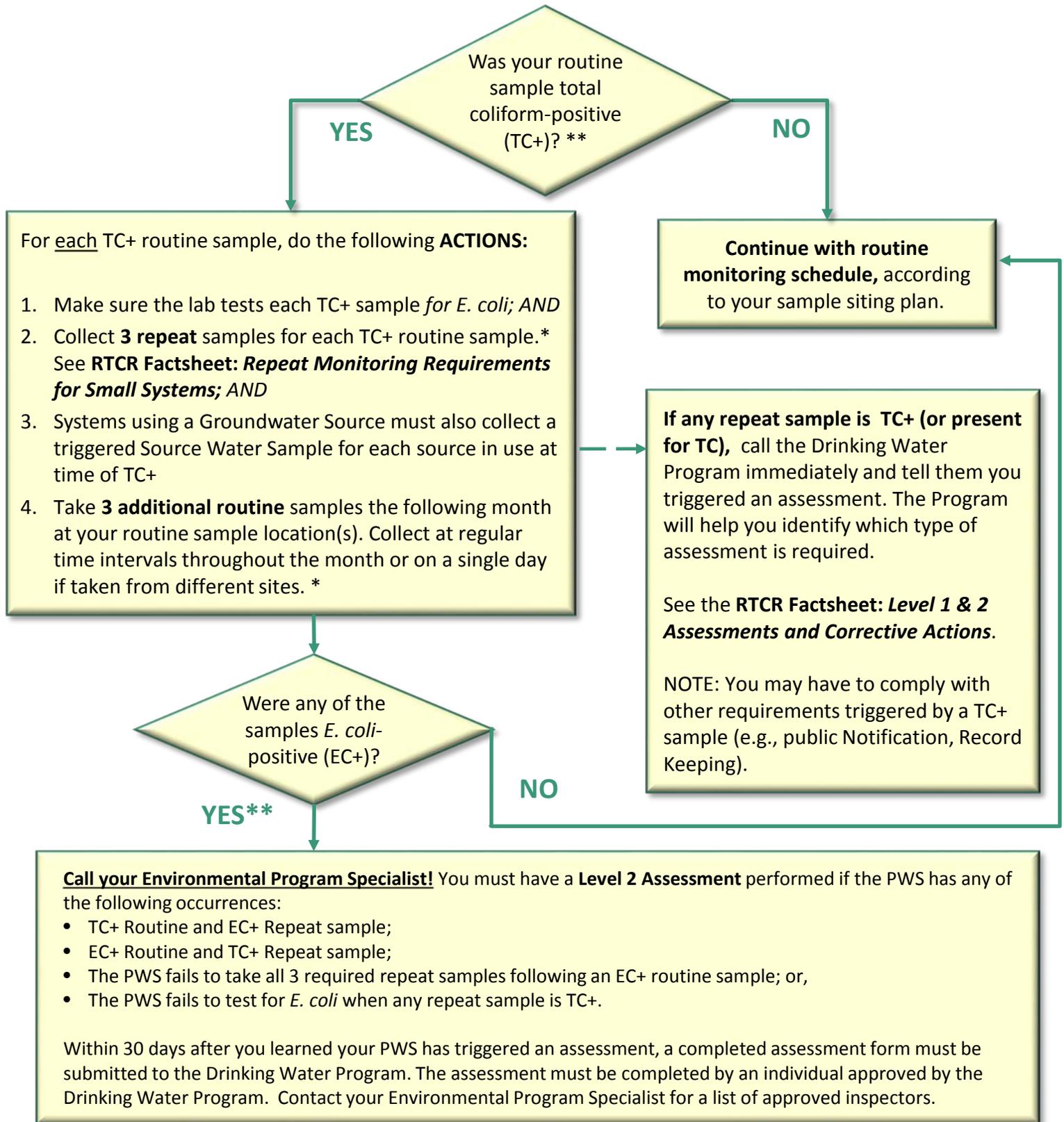
STEP 2: COLLECT YOUR DRINKING WATER SAMPLES

KNOW YOUR RTCR ROUTINE SAMPLING REQUIREMENTS.

- **COLLECT AT LEAST ONE 100 ML** routine drinking water sample every quarter starting April 1, 2016.
- **IMMEDIATELY SEND YOUR SAMPLE TO A STATE-CERTIFIED LAB** that performs total coliform drinking water analysis.
 - Remember the lab must begin analyzing the drinking water sample no later than the 30th hour from the collection time.
 - 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 revisions by the Drinking Water Program.

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



NOTES

*If you miss any routine, repeat, or additional routine 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.