

Coliform Action Response

If your water tests **POSITIVE** for Coliforms, determine mode of entry and/or source of Coliforms.

Possible Sampling Procedure Problems:

1. Poor choice of sampling tap (Avoid the following)
 - swivel
 - outside
 - basement
 - leaking
 - flexible hose
 - corroded
2. Aerator not removed
3. Tap not flushed before sampling
4. Touched/dropped sterile bottle or cap
5. Treatment device attached to faucet not removed

Possible Well/Casing/Grouting/Platform Problems:

1. New well construction or well repairs not followed with adequate disinfection
2. Structural integrity compromised
 - hole in casing
 - platform cracked
 - sanitary cap, seal or screen compromised
3. Poorly constructed or obsolete well/casing
 - brick-lined well
 - water in well pit
 - no or inadequate grout
4. Shallow or susceptible well too close to coliform source(s)
 - septic system/laterals
 - feedlot, barnyard, confinement runoff
 - abandoned well/cistern
5. Flood water intrusion

Possible Distribution System Problems:

1. Contaminated or biofouled water treatment devices
 - softeners
 - particulate filters
 - carbon filters
 - reverse osmosis units
2. Plumbing renovations
3. Leaky fixtures, distribution lines or cisterns
4. Malfunctioning pressure tank
5. Cross connections

If entry and/or source of coliforms are not found, follow remedial schematic on page 6.

Coliform Action Response: Remedial Schematic

