**State of Utah**

**E coli + Flow Chart**

1. **Contact DDW and Local Health Department**

2. **GW Rule (24 hours)**
   - TRIGGERED
     1. Each source in use
     2. Or, an approved representative site
     * Before treatment *
     - TC+, EC+ (24 hours)
     - TC-, EC- (24 hours)
     - TC+, EC- (24 hours)

3. **TC Rule (24 hours)**
   - REPEAT
     1. Original site
     2. Upstream
     3. Downstream
   - TC+, EC- (24 hours)
   - TC-, EC- (24 hours)
   - TC-, EC- (24 hours)

4. **TC+, EC+ (24 hours)**
   - GWR Situation
     Tier 1 Public Notification and GWR Special Notice
     - Take 5 additional confirmation source samples from the same source
   - TC+, EC+ (24 hours)
     - TC-, EC- (24 hours)
     - TC+, EC- (24 hours)
     - TC+, EC- (24 hours)

5. **TOTAL COLIFORM RULE**
   - GROUNDWATER RULE (Effective 12/1/2009)

6. **PUBLIC NOTIFICATION**
   - Tier 1 Acute Quality Violation
     Provide public notice within 24 hrs: See Boil Order Instructions for more information. Report to DDW & Local Health Dept

7. **SPECIAL NOTICE**
   - Tier 1 GWR Situation
     - Fecal indicator-positive source
     - Uncorrected significant deficiencies
     - Provide Special Notice annually until DDW determines the significant deficiencies are corrected, or if fecal contamination is addressed.
     - Will move forward with DDW Vulnerable Source Assessment Group

8. **Boil Order Lift**
   - Collect 2 sets of repeat samples 24 hours apart after problem has been corrected in order to lift boil order

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*TC = Total Coliform
*EC = E coli