2019 *E. coli* Monitoring Plan

Priority waterbodies – how are they identified?

- Beneficial use class of the waterbody
- Recreational use or visitation
- Population density
- Potential for *E. coli* problems or history of *E. coli* problems
- Special request by state, local, or federal agency
- Waterbody location (rotating basin targeted monitoring)
- Available resources for monitoring
- TMDL development
E. coli Response Plan

Purpose

1. Provide guidance for local health departments to determine when an E. coli related advisory should be considered, including when an existing advisory can be removed.

2. Provide information about the Utah Division of Water Quality (DWQ) Recreational E. coli Monitoring Program.

3. Describe DWQ’s response to a potential E. coli problem in surface water.

4. Provide background information about E. coli in surface waters and DWQ’s assessment of E. coli data.
**E. coli** Response Plan

UDOH and DWQ Recommended *E. coli* Advisory Protocol

**ADVISORY PROTOCOL**

**Issue Advisory**
- 2 samples > WQS

**Remove Advisory**
- 4 consecutive samples < WQS
- Samples collected 2X per week during advisory*
- Advisory in place for two minimum of two weeks

* DWQ and LHD may jointly decide to increase or decrease the frequency of sampling during an active advisory on a case by case basis
**UDOH & DWQ *E. coli* Advisory Protocol**

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CAUTION

WATER QUALITY ADVISORY
A temporary advisory has been issued for this area based on recent monitoring for *E. coli* bacteria.

FOR YOUR SAFETY
- **Do not ingest water.**
  No ingiera el agua.
- **Water is unsafe for swimming and deep wading.**
  El agua no es segura para nadar o vadear profundamente.
- **Wash hands after handling fish and lake/river water.**
  Lávese las manos después de manipular el pescado y el agua del lago/rio.

Date Posted: Contact your local health department:
Call your doctor if you have sudden or unexplained sickness. For more information visit: deq.utah.gov/legacy/divisions/water-quality/health-advisory/ecoli

Utah Poison Control Center (800) 222-1222
Discussion or Questions