



UTAH DEPARTMENT *of*
ENVIRONMENTAL QUALITY

**WATER
QUALITY**

E. coli Monitoring Program
Water Quality Health Advisory Panel
May 2, 2019

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

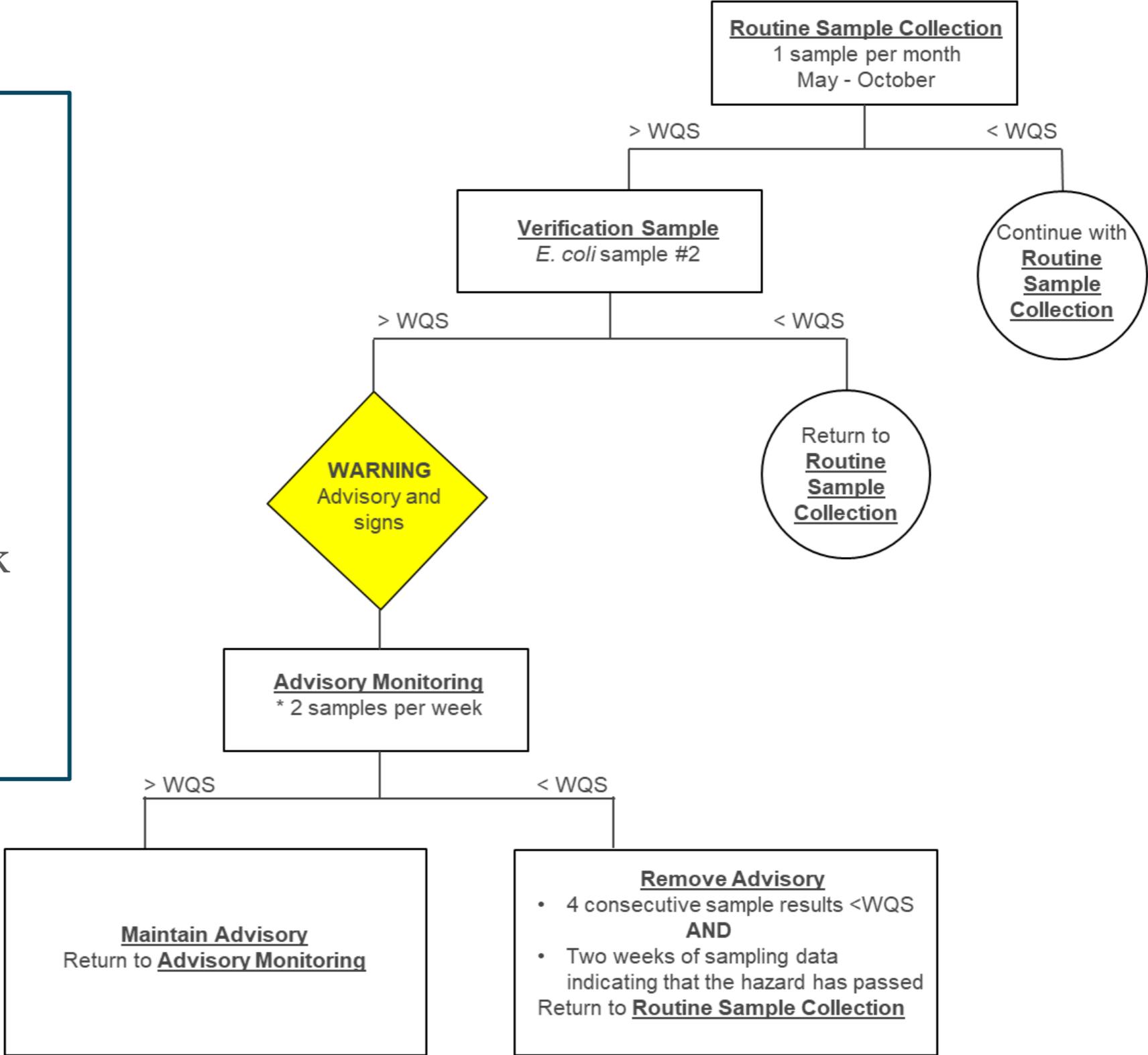
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Advisory Sign

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/río.

A circular sign with a red border and a red diagonal slash over a black silhouette of a person swimming in water.

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

