Utah Department of Environmental Quality
Division of Water Quality

Information Sheet

June 2014

Implementing Utah's Nutrient Control Strategy

Highlights

- All Mechanical Treatment works discharging to surface waters will have to meet and annual mean total phosphorus limit of 1.0 mg/L by January 1, 2020.

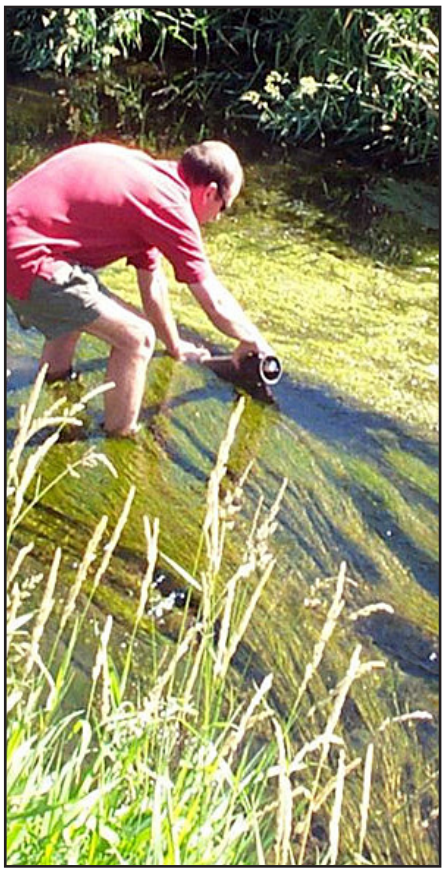
- All discharging lagoons will be limited to a maximum of 125% of their current annual average total phosphorus load.

  Three categories of facilities will be identified with regards to their ability to meet the technology bases phosphorus limit of 1.0 mg/L.

  - Facilities with the ability to meet the limit without changes.
  - Facilities that will need process optimization to meet the limit.
  - Facilities that will need construction projects or significant process changes to meet the limit.

• Monitoring—Starting January 1, 2015

  - All Facilities—When Discharging
  - Parameters—
    - Influent: Total P and Total Kjeldahl Nitrogent (TKN)
    - Effluent: Total P, Ammonium, Ortho P, Nitrate-Nitrite, TKN



Exceptions

- If a facility is subject to phosphorus limits in an existing TMDL, the limits in the TMDL will apply.

- If a treatment works can demonstrate that the discharge from the facility will not increase the total phosphorus in the receiving water by more than 10%, no technology based limit or cap will be applied.

- If the owner of the treatment works can demonstrate that imposing a technology based phosphorus limit would result in an economic hardship (as defined in the rule), no technology based limit or cap will be applied.

- If the owner of a treatment works can demonstrate that imposing technology based phosphorus limits are clearly unnecessary to protect waters downstream for the point of discharge, the technology based limit or cap will not be applied.

Comments?

Send to: uwqcomment@utah.gov | Deadline: 5:00 p.m., August 1, 2014

www.nutrients.utah.gov