

Wyoming Nutrient Strategy

2017 Priority Items and Next Steps

February 2017 Draft

Criteria Development

1. Finalize nutrient maps.
2. Using prioritization matrix, identify priority waters for nutrient work and for numeric nutrient criteria development.
3. Continue working on numeric nutrient criteria for Wyoming Basin Lakes: finalize technical support document, obtain external peer review of technical support document, revise document based on external peer review.
4. Update nutrient criteria development plan.
5. Review existing narrative criteria and work on developing more detailed assessment methods aimed at identifying exceedances of narrative standards due to nutrient pollution.

Point Sources

1. In priority watersheds, identify, collect, and analyze facility effluent nutrient data for priority facilities.
2. For priority facilities, use effluent data and other information to develop nutrient reduction targets.
3. For priority facilities, develop a list of treatment options that would allow the facility to meet nutrient reduction targets.

Nonpoint Sources

1. Within priority watersheds, work with partnering agencies and local entities to identify and prioritize nutrient management activities.
2. Announce locally prioritized watersheds statewide to better inform funding agencies where technical and financial assistance could be prioritized.
3. Work with partner agencies to promote cropping systems based on the NRCS Soil Health Initiative in priority watersheds. The goal of the Soil Health Initiative is to better inform producers about soil health and manage the soil and nutrient inputs in such a way that the ecology is balanced, resulting in economic and environmental improvements and equivalent or better yields.

Education and Outreach

1. Continue to work on refining and finalizing plan for educating the public about and responding to harmful algal blooms.
2. Work on updates to DEQ nutrient pollution website.
3. Work with Wyoming Nutrient Work Group to finalize the Wyoming Nutrient Strategy.
4. Work with Wyoming Nutrient Work Group to finalize 2017 priorities.
5. Determine strategy to outreach to the public about the Wyoming Nutrient Strategy and initiate outreach.