

# **North Bosque River TMDL and I-Plan**

## **Status of Implementation**

**October 2021**



# Four Feasible Measures

Two phases in the I-Plan. Only strategies for Phase I were developed. Phase II is to be developed if needed.

- Establish phosphorus application rates for waste application fields (WAFs)
- Reduce phosphorus in diet of dairy cows
- Remove approximately half the dairy-generated manure for disposal or use outside the watershed
- Establish effluent limits for phosphorus at wastewater treatment facilities (WWTFs)

# Management Strategies

- 1. Comprehensive nutrient management planning for all identifiable agricultural sources
- 2. Microwatershed approach to water quality monitoring and agricultural producer assistance
- 3. Establishing commercial composting facilities in the region and a sustainable market for compost products

# Management Strategies, continued

- 4. Establishing phosphorus permit limits for municipal WWTFs
- 5. Adapting rules, permit reviews, and enforcement activities, including changes to the CAFO regulations
- 6. Monitoring water quality for TMDL model refinement and goal attainment

# Status of Plan Implementation

- All Phase I measures of the I-Plan have been implemented
  - Enforcement activities and I-Plan effectiveness monitoring continue
- Water quality is improving, but not all goals are met



# Questions?

- Bosque River TMDL website:  
[www.tceq.texas.gov/waterquality/tmdl/06-bosque.html](http://www.tceq.texas.gov/waterquality/tmdl/06-bosque.html)  
Annual status report and trends report, TMDL, and I-Plan