

## ANTIDEGRADATION REVIEW WORKSHEET

1. Name of Reviewer: Michael T. Sauer  
Name of Receiving Water: Sheyenne River  
Basin: Red River  
Stream Classification: IA  
Other: Red River (Class I) was also reviewed.

2. Description of Proposed Activity: A temporary discharge of a maximum 100 cfs from West Bay of Devils Lake to the Sheyenne River. The discharge will be constrained to 300 mg/L sulfate at the point of insertion. The stated purpose is to reduce the potential for flooding.

3. Which category of antidegradation apply?

- Category 1 - go to question 7
- Category 2 - go to question 13
- Category 3 - go to question 4

### CATEGORY 3 QUESTIONS:

4. Will the proposed activity result in a permanent new or expanded source of pollutants directly to an Outstanding State Resource Water (OSRW) segment?

- Yes - recommend denial of proposed activity.
- No

5. If the proposed activity will result in a permanent new or expanded source of pollutants to a segment upstream from an OSRW segment, will the proposed activity affect OSRW water quality?

- Yes - recommend denial of proposed activity.
- No

Basis for conclusion: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. If the proposed activity will result in a non-permanent new or expanded source of pollutants to an OSRW segment or a segment upstream from an OSRW segment, will the proposed activity result in "temporary and limited" effects on OSRW water quality?

- Yes
- No - recommend denial of proposed activity.

Basis for conclusion: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CATEGORY 1 QUESTIONS:**

7. Does the waterbody qualify for Category 1 protection?

Yes

No

If no, go to Category 2 protection, Question 13.

8. Will the proposed activity result in significant degradation?

Yes

No - recommend approval of the proposed activity.

9. Has the applicant completed an adequate evaluation of alternatives, and demonstrated that there are not reasonable alternatives to allowing the degradation?

Yes

No - recommend denial of the proposed activity.

10. Has the applicant demonstrated that the proposed activity will provide important socioeconomic development in the area in which the affected waters are located?

Yes

No - recommend denial of the proposed activity.

11. Will existing uses be protected and consistent with the Category 2 procedures outlined by questions 14 and 16 below?

Yes

No - recommend denial of the proposed activity.

12. Have all state-required controls on point sources to the segment been achieved or are they on a compliance schedule?

Yes

No - recommend denial of the proposed activity.

Basis for conclusion: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**CATEGORY 2 QUESTIONS:**

13. The basis for concluding that Category 1 requirements do not apply:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

14. Are there uses that exist or have existed since 1967, that have more stringent water quality protection requirements than the currently designated uses?

Yes

No

If yes, basis for conclusion: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. If the answer to question 14 was yes, what water quality criteria requirements will ensure protection of such existing uses? (Indicate parameters and applicable water quality criteria.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

16. Will existing uses be maintained and protected?

Yes

No - recommend denial of the proposed activity.

If no, basis for conclusion: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PRELIMINARY DECISION:**

17. Based on the above, can the proposed activity be authorized pursuant to the state antidegradation policy?

Yes

No

Basis for conclusion: The proposed discharge is temporary, and does not exceed numeric criteria for parameters of concern. Sulfate concentrations for municipal use will be less than 250 mg/L. The TDS concentrations on the Red River will be within historical ranges. All beneficial uses will be maintained.

Signature: \_\_\_\_\_

*Michael T. Sauer*

Date: \_\_\_\_\_

*3/20/03*

# NORTH DAKOTA ANTIDEGRADATION PROCEDURE FLOW CHART

