



ANTIDegradation REVIEW SUMMARY
PATH B: TIER 2 – MINIMAL DEGRADATION

1. FACILITY

NAME	COUNTY
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2. EXISTING WATER QUALITY SUMMARY

If using your own collected water quality data, submit a copy of the Quality Assurance Project Plan (QAPP) to the Watershed Protection Section for approval and then submit the collected data for their approval prior to Antidegradation submittal. When using existing sources of water quality data (eg. USGS), the Engineering Section will conduct the review. For more detailed information, see the Missouri Antidegradation Implementation Procedure (AIP), Section II.A.1.

Provide all the relevant data and reports for approval by the Watershed Protection Section.

Name of Receiving Stream:

Source of Existing Water Quality Data:

Distance of outfall to Existing Water Quality Data sampling location:

Is outfall upstream or downstream of the sampling location?

Date range of the Existing Water Quality Data:

What is the design flow of the proposed facility?

Critical Low-Flow Receiving Stream Values	1Q10	7Q10	30Q10
Flow (cfs)			

Existing Water Quality and Water Quality Standard for Each Pollutant of Concern

Pollutants of Concern	Concentration*		1Q10	7Q10	30Q10	Water Quality Standard
	mg/L	µg/L				

* Place an X in appropriate box for the concentration units for each Pollutant of Concern

Comments/Discussion:

3. ASSIMILATIVE CAPACITY

Determining the facility assimilative capacity, or FAC, and the segment assimilative capacity, or SAC for each pollutant of concern is explained in detail in the Antidegradation Implementation Procedure, Section II.A.3, and Appendix 3. POCs to be considered include those pollutants reasonably expected to be present in the discharge per the Antidegradation Implementation Procedure, Section II.A. Provide all calculations in the Antidegradation Review Report.

Pollutant of Concern	Facility Assimilative Capacity	New Load		Percent of Facility Assimilative Capacity
	(lbs/day)	(mg/L)	(lbs/day)	(%)

Assimilative capacity summary

Is degradation considered minimal for all pollutants of concern? Yes No

Degradation is considered minimal if the new or proposed loading is less than 10 percent of the FAC and the cumulative degradation is less than 10 percent of the SAC according to the Antidegradation Implementation Procedure, Section II.A.3. If yes, an alternatives analysis and a social and economic importance analysis are not required.

Comments/Discussion

4. PROPOSED PROJECT SUMMARY