



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM, WATER POLLUTION CONTROL BRANCH
ANTIDEGRADATION REVIEW SUMMARY / REQUEST

FOR DEPARTMENT USE ONLY	
APP NO.	
FEE RECEIVED	CHECK NO.
DATE RECEIVED	

1. FACILITY

NAME		COUNTY	
ADDRESS (PHYSICAL)	CITY	STATE	ZIP CODE
PERMIT NUMBER	PROPOSED DESIGN FLOW	SIC / NAICS CODE	

2. OWNER

NAME			
ADDRESS	CITY	STATE	ZIP CODE
EMAIL ADDRESS		TELEPHONE NUMBER WITH AREA CODE	

3. CONTINUING AUTHORITY The regulatory requirement regarding continuing authority is found in 10 CSR 20-6.010(2).

NAME	SECRETARY OF STATE CHARTER NUMBER		
ADDRESS	CITY	STATE	ZIP CODE
EMAIL ADDRESS		TELEPHONE NUMBER WITH AREA CODE	

4. CONSULTANT

PREPARER NAME	COMPANY NAME		
ADDRESS	CITY	STATE	ZIP CODE
EMAIL ADDRESS		TELEPHONE NUMBER WITH AREA CODE	

5. RECEIVING WATER BODY SEGMENT #1

NAME

5.1 Upper end of segment – Location of discharge
 UTM: X= _____, Y= _____ OR Lat _____, Long _____

5.2 Lower end of segment –
 UTM: X= _____, Y= _____ OR Lat _____, Long _____

Per the Missouri Antidegradation Implementation Procedure (AIP), the definition of a segment, "a segment is a section of water that is bound, at a minimum, by significant existing sources and confluences with other significant water bodies."

6. WATER BODY SEGMENT #2 (IF APPLICABLE, Use another form if a third segment is needed)

NAME

6.1 Upper end of segment – End of Segment #1
 UTM: X= _____, Y= _____ OR Lat _____, Long _____

6.2 Lower end of segment –
 UTM: X= _____, Y= _____ OR Lat _____, Long _____

7. DECHLORINATION

If chlorination and dechlorination is the existing or proposed method of disinfection treatment, will the effluent discharged be equal to or less than the Water Quality Standards for Total Residual Chlorine stated in Table A1 of 10 CSR 20-7.031?
 Yes No – What is the proposed method of disinfection?

Based on the disinfection treatment system being designed for total removal of Total Residual Chlorine, minimal degradation for Total Residual Chlorine is assumed and the facility will be required to meet the water quality based effluent limits. These compliance limits for Total Residual Chlorine are much less than the method detection limit of 0.13 mg/L.

8. SUMMARIZE THE FEASIBILITY OF CONSTRUCTING A NO-DISCHARGE TREATMENT WASTEWATER FACILITY

According to the Antidegradation Implementation Procedure Sections I.B. and II.B.1., the feasibility of no-discharge alternatives must be considered. No-discharge alternatives may include connection to a regional treatment facility, surface land application, subsurface land application, and recycle or reuse.

9. ADDITIONAL REQUIREMENTS

Complete and submit the following with this submittal:

- Copy of the Geohydrologic Evaluation – Submit request through the Missouri Geological Survey website
- Copy of the Missouri Natural Heritage from the Missouri Department of Conservation website
- Attach your Antidegradation Review Report and all supporting documentation as these forms are only a summary.
- If applicable, submit a copy of any Existing Water Quality data used in this process. Include the date range of the data, source(s) of the data, and location of data collection relative to the outfall. If using your own collected water quality data, submit a copy of the Quality Assurance Project Plan (QAPP) approved by the department's Watershed Protection Section. For more detailed information, see the Missouri Antidegradation Implementation Procedure (AIP), Section II.A.1.

10. PATH / TIER REVIEW ATTACHMENTS ENCLOSED

- Path A: Tier 2 – Non-Degradation Mass Balance Yes No
- Path B: Tier 2 – Minimal Degradation Yes No
- Path C: Tier 2 – Significant Degradation Yes No
- Path D: Tier 1 – Preliminary Review Request Yes No
- Path E: Temporary Degradation Yes No

11. APPLICANT PROPOSED ANTIDEGRADATION REVIEW EFFLUENT LIMITS

Preliminary effluent limits for the proposed project are dependent upon the path selected:

Applicable Pollutants of Concern	Concentration*		Path / Tier Review Attachment Used for POC Evaluation	Average Monthly Limit	Daily Maximum Limit or Average Weekly Limit
	mg/L	µg/L			
BOD ₅	X				
TSS	X				
Ammonia (Summer)	X				
Ammonia (Winter)	X				
Total Phosphorus	X				

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

12. PROPOSED PROJECT SUMMARY

Applicants choosing to use a new wastewater technology that are considered an "unproven technology" in Missouri must comply with the requirements set forth in the *New Technology Definitions and Requirements fact sheet*.

13. CONTINUING AUTHORITY WAIVER (For New Discharges)

In accordance with 10 CSR 20-6.010(2)(C), applicants proposing use of a lower preference continuing authority, when the higher level authority is available, must submit a waiver from the existing higher authority one or other documentation for the department's review, provided it does not conflict with any area-wide management plan approved under section 208 of the Federal Clean Water Act or by the Missouri Clean Water Commission. Is the waiver necessary? Yes No
If yes, provide a copy.

14. APPLICATION FEE

CHECK NUMBER

JETPAY CONFIRMATION NUMBER

15. SIGNATURE

I am authorized and hereby certify that I am familiar with the information contained in this document and to the best of my knowledge and belief such information is true, complete and accurate.

SIGNATURE	DATE
PRINT NAME	TITLE

PLEASE IDENTIFY YOUR STATUS FOR THIS PROJECT: OWNER CONTINUING AUTHORITY CONSULTANT

Instructions for Completing Antidegradation Review Summary for Public Notice

All blanks must be filled in when the application is submitted to the Missouri Department of Natural Resources. This includes the **required signatures**.

Note: Please use appropriate Path attachment forms to complete the submittal.

Application Information

1. Provide facility name, physical location and requested information.
2. Provide the legal name, mailing address, phone number and email address of the owner. The owner identified in this section and subsequently reflected on the certificate page of the operating permit, is the owner of the regulated activity or discharge being applied for and is not necessarily the owner of the real property on which the activity or discharge is occurring.
3. Complete Continuing Authority contact information. In accordance with 10 CSR 20-6.010(2), a continuing authority is a company, business, entity or person(s) that will be operating the facility or ensuring compliance with the permit requirements. A continuing authority is not, however, an entity or individual that is contractually hired by the permittee to sample or operate and maintain the system for a defined time period, such as a certified operator or analytical laboratory. A continuing authority's name and charter number must be listed exactly as it appears on the Missouri Secretary of State's (SoS's) webpage, unless the continuing authority is an individual(s), government, or otherwise not required to register with the SoS.
4. Provide the name and contact information of the consultant for the project.
5. Provide the project's receiving stream information. The department's mapping system is available online.
6. Same as 4, if applicable.
7. Mark appropriate box.
8. Summarize the feasibility of a no-discharge system.
9. Submit the additional documents.
10. Check the boxes of the appropriate forms included in this submittal.
11. Complete the table for all pollutants of concern with both the proposed average monthly limits, and daily maximum or average weekly limits that the Antidegradation submittal proposed for the selected wastewater treatment design.
12. Summarize the proposed project.
13. Mark appropriate box. Submit waiver, if appropriate.
14. Check the appropriate box and include check or confirmation number. Applicants can pay fees online by credit card or eCheck through a system called JetPay.
 - Per Section 37.001, RSMo, a transaction fee will be included. The transaction fee is paid to the third party vendor JetPay, not the Department of Natural Resources.
 - Be sure to select the correct fee type and corresponding URL to ensure your payment is applied appropriately. If you are unsure what type of fee to pay, please contact the Water Protection Program's Budget, Fees and Grants Management Unit by phone at 573-522-1485 for assistance.
 - Upon successful completion of your payment, JetPay provides a payment confirmation. Submit this form with a copy of the payment confirmation if requesting a new permit or a permit modification. For permit renewals of active permits, the department will invoice fees annually in a separate request.
 - If you are unable to make your payment online, but want to pay with credit card, you may email your name, phone number, and invoice number, if applicable, to WPPFEES@dnr.mo.gov. The Budget, Fees and Grants Management Unit will contact you to assist with the credit card payment. **Please do not include your credit card information in the email.**
 - Applicants can find fee rates in 10 CSR 20-6.011 (dnr.mo.gov/pubs/pub2564.htm).
15. Application must be signed.

Antidegradation: <https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/769/>

If there are any questions concerning this form, contact the Department of Natural Resources, Water Protection Program at 800-361-4827 or 573-751-1300 or visit dnr.mo.gov/env/wpp.