

Antidegradation Training



Water Quality Bureau

Iowa Department of Natural Resources
Leading Iowans in caring for our natural resources

Role of Wastewater Engineering Section

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Role of Wastewater Engineering

- Implement Antidegradation Policy
- Review all Alternative Analyses
- Approve all Alternatives Analyses



Role of Wastewater Engineering

- Coordination - Internal & External
 - Applicants
 - Consulting Engineers
 - Waste Load Allocation staff
 - NPDES Permits staff



Role of Wastewater Engineering

- When to Submit?
- What to Submit?
- Where to Submit?



Role of Wastewater Engineering

- When to Submit
 - Construction Permit needed
 - New Discharger without Construction
 - NPDES Permit Renewal
 - NPDES Permit Amendment



Role of Wastewater Engineering

- What to Submit
 - Completed Alternatives Analysis
 - Completed Affordability Analysis (if needed)
 - 3 copies (if Consultant needs a copy)
 - 2 copies otherwise
 - Certified, sealed and signed by a licensed Professional Engineer in Iowa



Role of Wastewater Engineering

- Where to Submit

- Wastewater Engineering Section

- Construction Permit Needed



Role of Wastewater Engineering

- Where to Submit
 - NPDES Permits Section
 - New Discharger without Construction
 - NPDES Permit Renewal
 - NPDES Permit Amendment



Role of Wastewater Engineering

- Steps after DNR Receipt of Alternatives Analysis
 - ❑ Log receipt into DNR database
 - ❑ Completeness Review - Exhibit 9A
 - ❑ Preliminary Review of Alternatives Analysis
 - ❑ If complete, begin technical review
 - ❑ DNR Approval/Disapproval letter



Role of Wastewater Engineering

- Appeal Provisions
 - Iowa Administrative Code Section 567 IAC
Chapter 7



Role of Wastewater Engineering

- Facility Plan Submittal
 - Receipt of DNR AA Approval letter
 - Incorporate the Alternative approved in the Antidegradation Alternatives Analysis
 - Finalize Facility Plan
 - Submit Facility Plan



Useful Links

Wastewater Construction Permitting Process -

<http://www.iowadnr.gov/water/wastewater/downloads.html>

Antidegradation Implementation -

<http://www.iowadnr.gov/water/standards/antidegradation.html>

NPDES Permits -

<http://www.iowadnr.gov/water/npdes/index.html>

