

**R18-9-D305. 3.05 General Permit: Disposal Wetlands**

- A. A 3.05 General Permit allows discharges of reclaimed water into constructed or natural wetlands, including waters of the United States, waters of the state, and riparian areas, for disposal. This general permit does not apply if the purpose of the wetlands is to provide treatment.
- B. Notice of Intent to Discharge. In addition to the Notice of Intent to Discharge requirements specified in R18-9-A301(B), an applicant shall submit the name and individual permit number of the facility providing the reclaimed water.
- C. Design requirements. An applicant shall:
  - 1. Ensure that the reclaimed water released into the wetland meets numeric and narrative Aquifer Water Quality Standards for all parameters except for coliform bacteria and is Class A+ reclaimed water. A+ reclaimed water is wastewater that has undergone secondary treatment established under R18-9-B204(B)(1), filtration, and meets a total nitrogen concentration less than 10 mg/l and fecal coliform limits under R18-9-B204(B)(4)(b);
  - 2. Maintain a minimum horizontal separation of 100 feet between any water supply well and the maximum wetted area of the wetland;
  - 3. Post signs at points of access and every 250 feet along the perimeter of the wetland stating, "CAUTION. THESE WETLANDS CONTAIN RECLAIMED WATER. DO NOT DRINK." The applicant shall ensure that the signs are in English and Spanish, or in English with inclusion of the international "do not drink" symbol; and
  - 4. Ensure that wetland siting is consistent with local zoning and land use requirements.
- D. Operational requirements.
  - 1. A permittee shall manage the wetland to minimize vector problems.
  - 2. The permittee shall submit to the Department and implement a Best Management Practices Plan for operation of the wetland. The Best Management Practices Plan shall include:
    - a. A site plan showing the wetland footprint, point of inflow, storm water drainage, and placement of vegetation;
    - b. Management of flows into and through the wetland to minimize erosion and damage to vegetation;
    - c. Management of visitation and use of the wetlands by the public;
    - d. A management plan for vector control;
    - e. A plan or criteria for enhancing or supplementing of wetland vegetation; and
    - f. Management of shallow groundwater conditions on existing on-site wastewater treatment facilities.
  - 3. The permittee shall perform quarterly inspections to review bank integrity, erosion evidence, the condition of signage and vegetation, and correct any problem noted.
- E. Recordkeeping. A permittee shall maintain the following information for at least 10 years and make it available to the Department upon request:
  - 1. Construction drawings and as-built drawings, if available; and
  - 2. A log book or similar documentation to record inspection results, repair and maintenance activities, monitoring results, and facility closure.
- F. Reporting requirements. The permittee shall provide the Department with an annual assessment of the biological condition of the wetland, including the volume of inflow to the wetland in the past year.

**Historical Note**

New Section adopted by final rulemaking at 7 A.A.R. 235, effective January 1, 2001 (Supp. 00-4).