



**ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Water Permits Section

**NOI Supplement for Type 3.07 General Aquifer Protection Permit  
for Tertiary Treatment Wetlands [A.A.C. R18-9-D307]**

This General Permit allows the operation of a wetland to further treat discharges of reclaimed waters that meet the secondary treatment levels in A.A.C. R18-9-B204(B)(1). If the proposed discharge, design, or operation of the wetland does not conform to this rule, the owner or operator must obtain an individual APP.

*Note: Please ensure that the narrative, design drawings, and any supplemental information provided is comprehensive and adequate to demonstrate conformance with A.A.C. R18-9-D307.*

1. Please attach a **narrative description and design** of the facility to be addressed under this General Permit. Describe wetland operations, the size and nature of the wetland, date and methods of construction if applicable, and identify all discharges to be directed to the wetland. Please place a check in the following boxes indicating that you have provided all of the following details in the narrative.
  - " Details of the wetland design, including calculated size and depth to allow adequate retention time; the use of at least two parallel treatment cells; and the vegetative species to be used
  - " Consideration of rainfall events, including how proper operation during a 25-year, 24 hour storm event will be achieved and demonstration that physical integrity will be maintained during a 100-year, 24-hour storm event
  - " Details of the wetland construction, including liner design, installation and Quality Assurance/Quality Control procedures
  - " Information on the quality of the incoming effluent, the treatment process to be used, and the expected quality of the treated wastewater
  - " Demonstration that at least 100' separation exists between the maximum wetted area and any water supply well
  - " Demonstration that at least 1000' setback exists between the maximum wetted area and the site property boundary
  - " Discussion of routine wetland inspection and maintenance activities to be performed

" Demonstration that the wetland is consistent with local zoning and land use requirements

2. Please provide the depth to the seasonal high groundwater table in the area of the wetland, and indicate how this was determined:

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3. Have you attached a **Best Management Practices Plan** that includes:

A site plan showing the wetland footprint, point of inflow, storm water drainage and placement of vegetation " yes

A contingency plan to address any problems including treatment performance, wash-out and vegetation die-off " yes

Management of flows into and through the wetland to minimize erosion and damage to vegetation " yes

A description of measures, including fencing and proper signage, to restrict access by the public " yes

A management plan for vector control " yes

A plan or criteria for enhancing or supplementing wetland vegetation " yes

4. Please complete the following for the wetland to be addressed under this permit (Use additional pages if necessary.):

Identify each wastewater stream to be directed to the wetland, and include its characterization, rate and volume of discharge (Including past discharges, if applicable)	Name and Individual APP Permit No. of the facility providing reclaimed water to the wetland	Name and Individual Permit No. and/or NPDES Permit No. of any facility receiving water released from the wetlands