



NOI SUPPLEMENT FOR A TYPE 3.04
GENERAL PERMIT for
Non-Storm Water Impoundments at Mining Sites
[A.A.C. R18-9-D304]

OVERVIEW:

This General Permit allows for discharges to lined surface impoundments, lined secondary containment structures and lined conveyance systems at mining sites. The discharge must be one of those specified in R18-9-D304(A)(1) This permit does not authorize impoundments that continually contain process solution as a normal function of facility operations or any storage of process solutions containing a pollutant regulated under A.R.S § 49 - 243(I) that compromises the integrity of the liner. If the proposed discharge, design or operations do not conform to this rule, the owner or operator must obtain an individual APP.

SUPPLEMENTAL APPLICATION REQUIREMENTS:

1. Notice of Intent to Discharge (NOI) Form for a Type 3 General Permit

I have completed and attached this NOI Supplement form to the Type 3 General Permit NOI.

2. Attach a narrative description of the facility to be addressed under this General Permit. Describe the design and operation of the impoundment. Please place a check in the following boxes indicating that you have provided all of the following details in the narrative and attach supporting documentation:

- Date of construction or proposed construction.
- Design capacity calculations which meet criteria of (R18-9-D301(C)(1) and (R18-9-D304(C)(2).
- Design drawings and specifications which meet the criteria for liner design R18-9-D301(C)(4)(a) and R18-9-D304(C)(9 and 10), and site preparation R18-9-D304(C)(8) .
- Quality Assurance/Quality Control program for new facilities that addresses subgrade preparation, liner installation, inspection procedures, field testing, laboratory testing, repair of seams during installation, and final construction inspection.
If this is not a new facility, provide any available QA/QC documentation. For existing facilities, ADEQ may request an engineer’s evaluation and certification that the liner is in good condition without tears, holes, punctures or defects.
- A plan for impoundment operational inspection, maintenance, and repair consistent with R18-9-D304(D)
- Provisions for recordkeeping consistent with R18-9-D304(E)
- Provisions for closure consistent with R18-9-D304(G)

3. If there are identified geologic hazards at this site, have you detailed any special design considerations or adjustments due to the identified hazards per R18-9-D304(C)(7)

Yes N/A - there are no geologic hazards

4. If any part of the facility is located in the 100-year flood plain, have you explained in the narrative how the design protects it from damage or flooding during such events per R18-9-D304(C)(5)

Yes N/A – facility is not in the 100-year flood plain

5. Provide the depth to groundwater in the area of the facility, and indicate how this was determined. (Note that the liner system shall be designed so that groundwater does not come into contact with the liner).

6 Identify below, by type and volume, all discharges which are, or have been, directed to the impoundment addressed under this permit (use additional pages if necessary):		
List all process(es) generating the wastewater(s) directed to the impoundment and a brief description of each, including storm water	Expected Average Daily Flow to be discharged	Expected Maximum flow per day to be discharged

7. For facilities that are already operating, have you attached a representative chemical analysis of expected sources of inflow to the impoundment

Attached Not applicable. The facility is not yet operational. Analysis shall be sent to the Department within 90 days of the solution first entering the facility.

8. Have you attached a contingency plan that specifies actions to be taken in case of overflow, overtopping, or other accidental releases, and in the event unauthorized inflows are directed to the impoundment

Yes No

9. Have you included documentation that the design plans and operation plan for the impoundment have been reviewed by a mining engineer or an Arizona registered P.E. (R18-9-D304(B))

Yes No