

R18-9-C301. 2.01 General Permit: Drywells That Drain Areas Where Hazardous Substances Are Used, Stored, Loaded, or Treated

- A. A 2.01 General Permit allows for a drywell that drains an area where hazardous substances are used, stored, loaded, or treated.
- B. Notice of Intent to Discharge. In addition to the requirements in R18-9-A301(B), an applicant shall submit:
 - 1. The Department registration number for the drywell or documentation that a drywell registration form was submitted to the Department;
 - 2. For a drywell constructed before January 1, 2001, a certification signed and sealed by an Arizona-registered professional engineer or geologist that a site investigation has concluded either of the following:
 - a. Analytical results from sampling of the settling chamber sediment for pollutants reasonably expected to be present do not exceed the residential soil remediation levels or groundwater protection levels, or
 - b. Soil-borings or groundwater investigations indicate that an Aquifer Water Quality Standard in groundwater beneath the drywell has not been exceeded.
 - 3. A copy of the Best Management Practices Plan described in subsection (D)(5).
- C. Design requirements. An applicant shall:
 - 1. Locate the drywell no closer than 100 feet from a water supply well and 20 feet from an underground storage tank;
 - 2. Clearly mark the drywell "Storm Water Only" on the surface grate or manhole cover;
 - 3. Locate the bottom of the drywell hole at least 10 feet above the groundwater table. The applicant shall seal off any zone of perched water above the groundwater table from the drywell following the requirements established under 12 A.A.C. 15, Article 8; and
 - 4. Ensure that the drywell design includes a flow control or pretreatment device, such as an interceptor, sump, or another device or structure designed to remove, intercept, or collect pollutants.
- D. Operational requirements.
 - 1. A permittee shall operate the drywell only for the disposal of storm water.
 - 2. The permittee shall implement a Best Management Practices Plan for operation of the drywell and control of detrimental practices in the drywell drainage area.
 - 3. The permittee shall keep the Best Management Practices Plan on-site or at the closest practical place of work and provide the plan to the Department upon request.
 - 4. The permittee may substitute any Spill Prevention Containment and Control Plan, facility response plan, or National Pollutant Discharge Elimination System Storm Water Pollution Prevention Plan that meets the requirements of this subsection for a Best Management Practices Plan.
 - 5. The Best Management Practices Plan shall include:
 - a. A site plan showing surface drainage patterns and the location of floor drains, water supply, monitor wells, underground storage tanks, and chemical and waste usage, storage, loading, and treatment areas. The site plan shall show surface grading details designed to prevent drainage and spills of hazardous substances from leaving the drainage area and entering the drywell;
 - b. A design plan showing details of drywell design and drainage design, including flow control or pretreatment devices, such as interceptors, sumps, and other devices and structures designed to remove, intercept, and collect pollutants;
 - c. Procedures to prevent and contain spills and minimize discharges to the drywell;
 - d. Operational practices that include routine inspection and maintenance of the drywell, periodic inspection of waste storage facilities, and proper handling of hazardous substances to prevent discharges to the drywell; and
 - e. Procedures for periodic employee training on practices required by the Best Management Practices Plan.
- E. Recordkeeping. A permittee shall maintain a log book as part of the Best Management Practices Plan that documents drywell maintenance, inspections, employee training, and sampling activities.
- F. Spills. The permittee shall notify the Department within 24 hours of any spill of hazardous substances exceeding the applicable reportable quantity established under 40 CFR 302.4, "Designation of Hazardous Substances," and 40 CFR 302.5, "Determination of Reportable Quantities," July 1, 1999 Edition, into the drywell or of any spill of petroleum products exceeding 25 gallons into the drywell. These regulations are incorporated by reference and do not include any later amendments or editions of the incorporated matter. Copies of the incorporated material are available for inspection at the Arizona Department of Environmental Quality and the Office of the Secretary of State.

Historical Note

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