



Water Quality Division RULE CLARIFICATION

RC #: 001	Title: 18	Chapter: 9	Article: 3	Rule Citation: R18-9-A312(A)
Date Issued: 2/20/01 Revised 9/24/03			Withdrawn or Superseded? No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Date:	
Topic of Rule Needing Clarification: General design requirements (system design qualifications)				
Text of Rule Needing Clarification:				
<p>R18-9-A312</p> <p>A. General design requirements. A person designing the on-site wastewater treatment facility shall:</p> <ol style="list-style-type: none"> 1. Sign design documents submitted as part of the Notice of Intent to Discharge or subsequently to obtain a Provisional Verification of General Permit Conformance, including plans, specifications, drawings, reports, and calculations; and 2. Locate and design the on-site wastewater treatment facility project using good design judgement and rely on appropriate design methods and calculations. 				
Question Needing Clarification:				
What specific qualifications are needed for a person to perform the requirements of subsections (1) and (2) above?				
Clarification of Rule:				
<p>R18-9-A312(A)(2) requires location and design of an on-site wastewater treatment facility (regardless of cost) to follow “good design judgement and rely on appropriate design methods and calculations.” The Department considers this requirement to be satisfied if, based on submissions to the reviewing agency, the pertinent factors related to utilization of site data; system selection, location, and sizing; plan depictions; calculations; and construction and operation feasibility are assessed and realized in a technically correct, logical and documented manner. Fulfillment of this requirement is through specific knowledge of the rule and relevant technical knowledge and skill that would be applied by others who successfully obtain Provisional Verifications and Verifications of General Permit Conformance under this program. The following persons are considered to typically possess appropriate knowledge and skills:</p> <ol style="list-style-type: none"> 1. An Arizona-registered professional engineer who applies “the technical knowledge and skill which would be applied by all other registrants who practice the same profession in the same area at the same time.” [Quoted text is from rule of the Arizona Board of Technical Registration, Arizona Administrative Code, R4-30-301(A)(7)]. 2. An Arizona-registered sanitarian with knowledge of and competence with the subject system. 3. A representative of a delegated agency with knowledge of and competence with the subject system. 4. A representative of the Arizona Department of Environmental Quality with knowledge of and competence with the subject system. 5. A person who has been certified or approved by a recognized authority as having knowledge of and competence with the subject system. 6. A person who has otherwise demonstrated to the Department or the delegated agency knowledge of and competence with the subject system. <p>According to the Board of Technical Registration, Arizona Revised Statute §32-144 allows persons listed in items 2 - 6 to design on-site wastewater treatment facilities serving detached single family dwellings. Only an Arizona-registered professional engineer can design wastewater treatment or collection facilities for other than detached single family dwellings when the cost is more than \$12,500.</p>				