

**TITLE 18. ENVIRONMENTAL QUALITY**  
**CHAPTER 9. WATER POLLUTION CONTROL**  
**PART E. TYPE 4 GENERAL PERMITS**

**R18-9-E314. 4.14 General Permit: Sewage Vault, Less Than 3000 Gallons Per Day Design Flow**

- A.** A 4.14 General Permit allows for the use of a sewage vault that receives sewage.
  - 1. An applicant may use a sewage vault if a severe site or operational constraint prevents installation of a conventional septic tank and disposal works or any other on-site wastewater treatment facility allowed under this Article.
  - 2. An applicant may install a sewage vault as a temporary measure if connection to a sewer or installation of another on-site wastewater treatment facility occurs within two years of the connection or installation.
- B.** Performance. An applicant shall:
  - 1. Not allow a discharge from a sewage vault to the native soil or land surface, and
  - 2. Pump and dispose of vault contents at a sewage treatment facility or other sewage disposal mechanism allowed by law.
- C.** Notice of Intent to Discharge. The applicant shall comply with the Notice of Intent to Discharge requirements in R18-9-A301(B) and R18-9-A309(B).
- D.** Design requirements. In addition to the requirements in R18-9-A312, an applicant shall:
  - 1. Install a sewage vault with a capacity that is at least 10 times the daily design flow determined by R18-9-A314(4)(a)(i),
  - 2. Use design elements to prevent the buoyancy of the vault if installed in an area where a high groundwater table may impinge on the vault,
  - 3. Test the sewage vault for leakage using the procedure under R18-9-A314(5)(d). The tank passes the water test if the water level does not drop over a 24-hour period,
  - 4. Install an alarm or signal on the vault to indicate when 85 percent of the vault capacity is reached, and
  - 5. Contract with a person who licensed a vehicle under 18 A.A.C. 13, Article 11 to pump out the vault on a schedule specified within the contract to ensure that the vault is pumped before full.
- E.** Installation, operation, and maintenance requirements. The applicant shall comply with the applicable installation, operation, and maintenance requirements in R18-9-A313(A) and (B).
- F.** Reference design.
  - 1. An applicant may use a sewage vault that achieves the performance requirements in subsection (B) by following a reference design on file with the Department.
  - 2. The applicant shall file a form provided by the Department for supplemental information about the proposed storage vault with the applicant's submittal of the Notice of Intent to Discharge.