

MARICOPA COUNTY ENVIRONMENTAL HEALTH CODE

CHAPTER II

SEWAGE AND WASTES

SECTION 6

CHEMICAL TOILETS, PORTABLE RESTROOM UNITS, PORTABLE WASTE HOLDING TANKS

REGULATION 1. Definitions

- a. "Chemical toilet" means a toilet having a watertight, impervious pail or tank containing a chemical solution placed immediately beneath the seat or urinal and a pipe or conduit connecting the riser with the tank.
- b. "Portable restroom unit" means a trailer or skid-mounted temporary restroom facility that contains a toilet, urinal, hand washing sink, shower, and/or other sanitary fixture and includes an integral non-hazardous liquid waste holding tank or uses another approved waste storage or disposal method.
- c. "Portable waste holding tank" means a watertight container installed above ground and used to collect non-hazardous liquid waste from temporary facilities, such as office trailers and temporary kitchens.
- d. "Underground sewage vault" means a sealed chamber made of impervious material to temporarily store non-hazardous liquid waste.

REGULATION 2. General Provisions

- a. The storage and disposal of human excreta shall be accomplished by one of the methods listed below, which are arranged in the order or priority in which they will be considered by the Department.
 - (1) A water closet connected to a public sewer.
 - (2) A water closet connected to an individual septic tank disposal system.
 - (3) Other, such as chemical toilets, portable restroom units, portable waste holding tanks, underground sewage vaults, etc., when approved by the Department.
- b. The construction, operation, and maintenance of all chemical toilets, portable restroom facilities, portable waste holding tanks, and underground sewage vaults shall comply with the general regulations concerning sewage and waste disposal and with the specific provisions of this section. An application to construct or reconstruct an underground sewage vault shall also comply with the requirements of Section 8 of this Chapter and shall be submitted to the Department for approval prior to construction.

- (1) Every chemical toilet, portable restroom unit, portable waste holding tank, and underground sewage vault shall be of approved construction and maintained in a sound, clean and sanitary condition, free of insects, vermin, overflowing leakage, and other unhealthful conditions. Suitable means shall be taken to effectively control black widow spiders and other poisonous insects.
 - (2) Chemical toilets, portable restroom units, portable waste holding tanks, and underground sewage vaults may be installed only:
 - (a) where connection to an approved sewage disposal system is impractical or impossible, or;
 - (b) where water under pressure is not available, or;
 - (c) where the installation of an individual sewage disposal system or other approved method of sewage or waste disposal is impractical or impossible, and;
 - (d) where its contents will not pollute, or tend to pollute, any water supply, potential water supply, swimming pool, or other bathing area, and;
 - (e) where it would not create a public health hazard or Public Health nuisance, and;
 - (f) if it complies with all the provisions of this code.
- c. A portable restroom unit or portable waste holding tank may be installed as a temporary measure if a severe site or operational constraint prevents connection to a sewer or installation of another on-site wastewater treatment facility and the installation is serving temporary facilities. The Department may require the permit holder to remove portable restrooms or waste holding tanks from a location after two (2) years if the use is determined to be not temporary.

REGULATION 3. Reserved

REGULATION 4 Reserved

REGULATION 5. Required Toilet Facilities for Construction Sites and Public Gatherings

- a. No person shall initiate or proceed with a construction, erection, alteration, repair, or razing project without first having provided an adequate number of suitable sanitary toilets for the use of persons on the project in a ratio of at least one (1) toilet per twenty (20) persons. Such toilets shall be of the water-flushed or chemical type approved by the department and located on or within two hundred (200) feet of each work area within the project site.

- b At any public gathering for any commercial, religious, or public event where adequate permanent toilet facilities are not provided on the immediate premises as required by state law:
- (1) Suitable approved toilet facilities of the water-flushed or chemical type adequate for the estimated attendance shall be located within two hundred (200) feet of such gathering, with the minimum of 1 toilet per 100 persons in attendance or as required by the Environmental Health Officer.
 - (2) The use of permanent off-site toilet facilities may be approved by the Department provided written permission has been obtained for such use from the owner of the toilets and provided that the public is permitted free and reasonable use of the facilities for the duration of the event. Directional signage to such off-site toilet facilities shall be provided at the event site.

REGULATION 6. Chemical Toilets, Portable Restrooms, and Portable Waste Holding Tanks

- a. All chemical toilet installations shall comply with the general regulations concerning sewage and waste disposal and with the specific provisions of this section and as follows.
- (1) Chemical toilets shall be of sanitary construction and maintained in a clean and sanitary manner. Toilet paper shall be available at all times.
 - (2) Chemical toilets shall not be installed within twenty (20) feet of occupied premises or within ten (10) feet of any public thoroughfare or sidewalk, unless authorized by the Department.
 - (3) The floors of chemical toilets shall be of smooth, finished, nonabsorbent material. Seats, walls, and ceilings shall be of smooth, easily cleanable, light-colored finish.
 - (4) Toilet facilities intended for male use shall include a urinal, installed at least twenty (20) inches from the toilet seat opening. The urinal shall be made of corrosion-resistant, impervious material finished with a smooth surface and sloped to facilitate cleaning and draining. A splash board of similar material at least nine (9) inches higher than the overflow rim shall be provided.
 - (5) In chemical toilets, seats shall be installed so as to ensure that wastes drop unimpeded or are flushed into a receiving tank. The receiving tank shall be of impervious, corrosion-resistant material with an easily accessible opening for cleaning. The tank shall be built of a material and thickness acceptable to and approved by the Department. Vent pipes in chemical toilets, when installed in the vertical tube forming the toilet bowl, shall be inserted at an angle not over thirty (30) degrees from the vertical to minimize clogging and corrosion.

- (6) A solution of sodium hydroxide or other approved chemical shall be maintained in the tank or receiving element at a level that prevents septicity and the creation of objectionable odors.
 - (7) The contents of toilets shall be disposed of in an approved manner and location.
 - (8) All spills shall be cleaned up immediately by collecting spilled waste, removing and/or disinfecting contaminated soil, and disinfecting affected surfaces with a disinfecting solution. The owner shall maintain a record of all spills of over one (1) gallon for a period of one (1) year and provide the record to the Department for inspection upon request. The record shall include the date of the spill, date of clean up, location, name (event or business), address of the spill, estimated amount of spill, method of clean up, quality of material removed, and type and amount of disinfectant applied.
- b. All portable restroom units and portable waste holding tanks shall comply with all regulations of this Code concerning sewage, waste disposal, and site sanitation, as well as the specific provision of this section.
- (1) Portable restroom units and portable waste holding tanks shall be installed to allow unobstructed access for servicing equipment to remove waste.
 - (2) Waste holding tanks shall be structurally designed specifically for a waste holding tank application and constructed from corrosion resistant, leak free, durable material. The tank and all waste plumbing shall be ventilated to drain all fixtures and minimize objectionable odors.
 - (3) Portable restroom facilities shall be maintained in a clean and sanitary manner. Toilet paper shall be available at all times.
 - (4) Contents of waste holding tanks shall be disposed of by a vehicle that is permitted by the Department for non-hazardous liquid waste collection and transport.
 - (5) Waste holding tanks shall be emptied at a frequency to prevent overflowing, creation of an insanitary condition, a public health nuisance, and shall be maintained in good repair so as to prevent leakage of the contents onto the ground or any other surface.
 - (6) All spills shall be cleaned up immediately by collecting spilled waste, removing contaminated soil, and disinfecting affected surfaces with a disinfecting solution. The owner shall maintain a record of all spills for a period of three (3) years and provide the record to the Department for inspection upon request. The record shall include the date of the spill, date of clean up, location, name (event or business), address of the spill, estimated amount of spill, method of clean up, quantity of material removed, and type and amount of disinfectant applied.
 - (7) The floors of portable restroom units shall be of smooth, finished, nonabsorbent material. Seats, walls and ceiling shall be of smooth, easily cleanable, light-colored finish.
 - (8) Portable restroom facilities and portable waste holding tanks shall not be installed within twenty (20) feet of an occupied premises or within ten (10) feet of any public thoroughfare or sidewalk, unless authorized by the Department.

REGULATION 7. Permit Required

- a. No person shall provide, for rent or hire, or install portable, nonpermanent chemical toilet facilities, portable restroom units, portable waste holding tanks, or an underground sewage vault unless the person holds a valid permit to do so.
- b. Every chemical toilet structure shall have thereon in clear, easily readable letters the name and telephone number of the permit holder.
- c. Each portable restroom unit and portable waste holding tank operated under an annual permit shall have thereon in clear, easily readable letters the name and telephone number of the permit holder.
- d. Permit holders for chemical toilets, portable restroom units, and portable sanitary waste holding tanks shall make available for review upon request by the Department, a list of all deployed units, by type, address and number at each location.
- e. No person shall install an underground sewage vault as specified in regulation 2 prior to Department plan approval, including payment of the plan review fee as specified for an onsite wastewater alternative system. Application and installation for an underground sewage vault shall meet the requirements of Chapter II Section 8 of this Code, including justification for installation of such a vault as a temporary facility. Operation shall not commence until the Department has approved the completed facility. The owner shall remove the facility within two (2) years, or apply for a new permit by submitting a new application and fee to the Department at least sixty (60) days prior to expiration of the prior permit's two (2) year duration.