

§ 1924.108

7 CFR Ch. XVIII (1-1-08 Edition)

or other qualified persons should be obtained for soil type determination and a copy of its recommendations included in the documentation.

(4) Description of ground water elevations, showing seasonal variations.

(5) Confirmation of space allowances. An accurate drawing to indicate that there is adequate space available to satisfactorily locate the individual water and wastewater disposal systems; likewise, documented assurance of compliance with all local requirements. Structures served by wastewater disposal systems with subsurface discharge require larger sites than those structures served by another type system.

(6) Description of exploratory pit observations, if available.

(D) Supporting information for individual wastewater disposal systems with surface discharge covering the following points:

(1) Effluent standards issued by the appropriate regulatory agency that controls the discharge of the proposed individual systems. Assurance from this regulatory agency that the effluent standards will not be exceeded by the individual systems being proposed must be included.

(2) Program of maintenance, parts, and service available to the system-owner for upkeep of the system.

(3) A plan for local inspection of the system by a responsible agency with the authority to ensure compliance with health and safety standards.

(b) *Electric service.* The power supplier will be consulted by the applicant to assure that there is adequate service available to meet the needs of the proposed site. Underground service is preferred.

(c) *Gas service.* Gas distribution facilities, if provided, will be installed according to local requirements where adequate and dependable gas service is available.

(d) *Other utilities.* Other utilities, if available, will be installed according to local requirements.

**§ 1924.108 Grading and drainage.**

(a) *General.* Soil and geologic conditions must be suitable for the type of construction proposed. In questionable or unsurveyed areas, the applicant or

developer will provide an engineering report with supporting data sufficient to identify all pertinent subsurface conditions which could adversely affect the structure and show proposed solutions. Grading will promote drainage of surface water away from buildings and foundations, minimize earth settlement and erosion, and assure that drainage from adjacent properties onto the development or from the development to adjacent properties does not create a health hazard or other undesirable conditions. Grading and drainage will comply with exhibit B, paragraphs III and IV, of this subpart.

(b) *Cuts and fills.* Development requiring extensive earthwork, cuts and fills of 4 feet or more shall be designed by a professional engineer. Where topography requires fills or extensive earthwork that must support structures and building foundations, these must be controlled fills designed, supervised, and tested by a qualified soils engineer.

(c) *Slope protection.* All slopes must be protected from erosion by planting or other means. Slopes may require temporary cover if exposed for long periods during construction.

(d) *Storm water systems.* The design of storm water systems must consider convenience and property protection both at the individual site level and the drainage basin level. Storm water systems should be compatible with the natural features of the site. In areas with inadequate drainage systems, permanent or temporary storm water storage shall be an integral part of the overall development plan. Design of these facilities shall consider safety, appearance, and economical maintenance operations.

**§§ 1924.109-1924.114 [Reserved]**

**§ 1924.115 Single Family Housing site evaluation.**

(a) *Site review.* The site approval official will evaluate each site (developed or undeveloped) to determine acceptance for the program. Information on the site will be provided by the appraiser or site approval official on a form provided by RHS and available in any RHS field office.