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**Terri A. Lorenzon, Adm. Aide
Environmental Quality Council**

BEFORE THE
ENVIRONMENTAL QUALITY COUNCIL

IN THE MATTER OF THE ADOPTION)
OF STANDARDS FOR DESIGN AND)
CONSTRUCTION OF SEWERAGE)
SYSTEMS, TREATMENT WORKS,)
DISPOSAL SYSTEMS, Etc.,)
CHAPTER XI, WYOMING WATER)
QUALITY RULES and REGULATIONS)

STATEMENT OF PRINCIPAL
REASONS FOR ADOPTION

This rulemaking was initiated for the following major purposes: 1) to adopt one set of standards applicable to the design and construction of facilities regulated by the Department of Environmental Quality pursuant to the provisions of W.S. 35-11-302(a)(iii) and (v); 2) to satisfy the requirements of W.S. 35-11-301(a)(iii) which requires the adoption of regulations prescribing such standards; and 3) to meet the needs of Wyoming communities for an effective assurance that sewage systems, treatment works, disposal systems and other facilities capable of causing or contributing to pollution will be designed and constructed according to a set of minimum standards. It is important that Wyoming communities have a high degree of confidence that such facilities will perform correctly and safely, and minimize pollution and the effects of pollution upon these communities. This is most effectively

done through the adoption of these state-wide standards.

Chapter XI is a new set of design and construction standards to be used for facilities that must have a permit to construct from the Department of Environmental Quality pursuant to the requirements of W.S. 35-11-301(a)(iii). Previously, a set of standards known as the "Ten State Standards" had been used by the Department to effectuate their design and construction requirements for these facilities. The standards set forth in Chapter XI reflect the current state-of-the-art, contain more appropriate criteria, and are more appropriately applied to situations likely to be encountered in Wyoming.

Chapter XI establishes separate standards applicable to different types of wastewater facilities. Standards for distribution systems of public water supplies in mobile home parks are also established. It is divided into seven parts:

Part A sets forth definitions and general requirements applicable to all of Chapter XI, as well as provisions for the design and use of innovative technology which may be used, under specified circumstances, in lieu of using the applicable standards of Chapter XI. Also, Part A allows deviations from the standards in order to meet different design and construction requirements necessitated by site specific situations.

Part B specifies the design and construction standards to be used by sewage systems, treatment works and disposal systems used in the treatment and disposal of domestic wastes typically handled by municipalities, water and sewer districts, or any centralized sewer system.

Part C sets forth design and construction standards for commercial and industrial facilities that must treat and dispose of waste or wastewater. Disposal of such wastes into public sewer systems is allowed where adequate assurances have been made that such disposal will not adversely affect the system.

Part D sets forth design and construction standards for small wastewater facilities, such as septic tanks or leach fields. Additional definitions that apply only to part D are also set forth.

Part E applies to any facility generally covered by Chapter XI which would use land application as a method of treatment and disposal of wastes. Additionally, definitions for this part are given. Land acreage determinations are used as one of the primary criteria for effectiveness of these facilities.

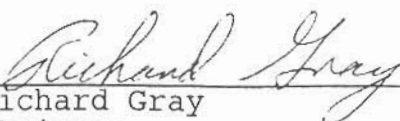
Part F sets forth design and construction standards for

sewage systems within mobile home parks and campgrounds. The standards for distribution systems of public water supplies within mobile home parks and campgrounds are also established.

Part G specifies well construction standards for any well that is permitted as an underground injection control well, pursuant to Wyoming Water Quality Rules and Regulations, Chapter IX, or any well that might be permitted under Chapter III, Wyoming Water Quality Rules and Regulations.

The Environmental Quality Council believes that it is in the best interests of the State of Wyoming to adopt these standards so that communities across this state may have reliable assurances that sewage systems, treatment works, disposal systems, and other facilities capable of causing pollution, will be designed and constructed adequately and safely. Trouble-free operation of these systems is important to the welfare of everyone in Wyoming, and this can best be assured through the adoption of the regulations in this Chapter.

Respectfully submitted this 30th day of April,
1984.


Richard Gray
Chairman
Environmental Quality Council