



# State of Kansas

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FROM: Karl W. Mueldener, P.E.  
Director, Bureau of Water *Karl W. Mueldener* Policy Memorandum #91-1  
February, 1991

SUBJECT: Determination of the Types of Wastes  
Eligible for Disposal into Class I  
Underground Injection Control (UIC) Disposal Wells

### PURPOSE:

To state the Bureau of Water policy for determining the types of wastes, excluding oil field brines regulated by the Kansas Corporation Commission, that are eligible for disposal through the use of Class I UIC disposal wells. The Bureau's objective is to protect against contamination of water and soil resources by ensuring compatibility of the injected waste with the well components, injection and confining zones and to use subsurface formations only for the disposal of those wastes that can not feasibly be treated, stored or disposed by other methods.

### BACKGROUND:

The Bureau of Water administers the Class I UIC program developed pursuant to K.S.A. 65-171d. A major function of the program is to ensure the injection of waste is done in a controlled manner that will: 1) protect the soils and waters of the state from contamination, 2) protect human health, 3) conserve the water resources of the state, 4) encourage alternatives to the injection of wastes, and 5) use subsurface formations only for the disposal of those wastes that can not feasibly be treated, stored or disposed by other methods.

### POLICY:

The use of Class I UIC disposal wells will be considered only for those wastes that cannot feasibly be treated, stored or disposed by other methods. Therefore, each new application for the disposal of wastes shall be accompanied by a report detailing the results of studies of alternate methods of waste treatment, storage or disposal technologies including an economic analysis based on a 30 year time period, justifying why subsurface disposal is considered the most feasible method of disposal.

In the even the applicant receives a Class I UIC permit, the permittee will be expected to develop, periodically update, and implement an ongoing waste minimization program which addresses the wastes being directed to the Class I UIC disposal well(s).

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The applicant will be required to use the most secure compatible disposal formation available. This will typically be one of the deeper formations such as the Arbuckle.

EFFECTIVE DATE:

The above policy will be in effect on February 1, 1991, and will remain in effect until withdrawn, revised, or modified by the Director.

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