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Policy Memorandum # 91-1
February 1991
Revised June 18, 2018

FROM: Jaime Gaggero
Director, Bureau of Water

SUBJECT: Determination of the Types of Wastes Eligible for Disposal
into Class I Underground Injection Control (UIC) 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 objectives are 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 conserve water resources by the use of subsurface formations only for the disposal of those wastes that cannot feasibly be treated, stored, or disposed of by other methods.

BACKGROUND:

The Bureau of Water, within the Kansas Department of Health and Environment (KDHE) Division of Environment, 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 public 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 cannot be feasibly treated, stored, or disposed of 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 of 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 subsurface disposal as the most feasible method of disposal.

In the event the applicant is granted a Class I UIC permit, the permittee will be expected to develop, update annually, and implement an ongoing waste and wastewater minimization program which addresses the wastes and wastewater being directed to the Class I UIC disposal well(s). The permit holder will submit to KDHE an annual report detailing the waste and waste water minimization efforts. Such a report will include

a description of the administrative process and structure in place to develop and implement the program; a description of past, current and future projects, including the results of projects. Appropriate diagrams, graphs, tables, etc. should be included in the report to describe projects and their effectiveness.

The applicant will be required to utilize the most secure compatible disposal formation available that will accept the injection volume by “gravity” injection. This will typically be one of the deeper formations, such as the Arbuckle. Pump pressure for injection is not allowed per KDHE regulation K.A.R. 28-46-28.

EFFECTIVE DATE:

The above policy will be in effect on June 18, 2018, and will remain in effect until withdrawn, revised, or modified by the Director.