



EPA

Site Information Request Fact Sheet Class V Underground Injection Control

Stormwater, Industrial, and Special Drainage Wells

The Underground Injection Control (UIC) Program, created under the authority of the Safe Drinking Water Act (SDWA), is a preventative program aimed at protecting existing and future underground sources of drinking water (USDWs). Shallow wells or disposal systems that discharge fluids into the subsurface are known as Class V wells and can be authorized to inject by rule or permit. Class V wells that have the potential for ground water contamination or degradation are usually permitted. Those that do not have a potential to contribute to contamination or degradation of ground water are usually rule authorized, once inventory information has been submitted according to the requirements of 40 CFR 144.26.

Storm water drainage wells are used to remove storm water or urban runoff from impervious surfaces such as roadways, roofs, and paved surfaces to prevent flooding, infiltration into basements, etc. The primary types of storm water drainage wells are bored wells, dug wells, and improved sinkholes. When the injectate is comprised of fluids other than direct precipitation, the injection well is classified as an industrial drainage well or a special drainage well. Examples of industrial drainage wells are those located near chemical storage areas or gasoline pump islands where they are in a position to receive surface fluids that may contain contaminants regulated under the SDWA. Examples of special drainage wells include construction dewatering wells, subsidence control wells, and any other constructed subsurface fluid conduit through which fluids derived from dewatering activities are released to ground water.

The following information is needed to evaluate the impact a Class V storm water or special drainage well will have on the local hydrogeologic system, potential for USDW contamination, and whether a **permit** for this operation, rather than a **rule authorization**, should be required.

Please provide the following information to EPA:

- Property owner of facility including a physical and mailing address; phone and fax numbers.
- Operator of facility including a physical and mailing address; phone and fax numbers.
- Responsible party for the operation, maintenance, and closure of the injection system including a physical and mailing address; phone and fax numbers.
- Contact persons representing any other federal, state or local agencies that have an interest in the site; include a physical and mailing address and phone number.
- Provide a map showing location of injection well(s) and of any nearby existing monitoring wells that may be used to evaluate any impact on the receiving formation.
- Provide location and depth of public and private wells within ½ mile of the project area.
- Provide a schematic diagram and description of the injection well, including estimated depth to ground water and any soil or geologic horizons intersected by the well and any intervening

materials (soil, gravel, filter or liner cloth, etc.), that the injectate will pass through before reaching ground water.

- Describe surface setting of the well, including any nearby potential sources of contamination, e.g gasoline station, chemical storage area, de-icing chemicals used on adjacent roads or parking areas, etc. that could affect the quality of the water entering the well.
- If the information is already available, describe the intended receiving formation if it has already been observed or characterized.
- If there are any locations within ¼ mile where soil or groundwater is contaminated, please include:
 - map showing the extent of the contamination, including monitoring wells.
 - description of type of contamination
 - description of any ongoing remediation