





## **Classes of Underground Injection Control (UIC) Wells/Systems**

- Class I** Wells used to inject industrial, nuclear, and treated municipal wastewater.
- Class II** Wells used to dispose of waste from oil and natural gas production or to store liquid hydrocarbons.
- Class III** Wells used to inject fluids for the extraction and recovery of minerals, for in-situ gasification of oil shale and coal, and to recover geothermal energy.
- Class IV** Wells used to inject hazardous or radioactive waste fluids from waste management facilities.
- Class V** Wells used for the emplacement or disposal of storm water or fluids through a well or subsurface distribution system, an improved sink hole, a septic system that has the capacity to serve twenty or more people per day, cooling water and air conditioning return flow systems, salt water barrier systems, subsidence control systems, and wells not covered in Classes I through IV.
- Type "A"** A well/system that is a manually or mechanically bored, drilled, shaft - driven, and dug hole where the depth is greater than the largest surface dimension.
- "B"** An improved sink hole.
- "C"** A subsurface drainage distribution well/system.
- "D"** A septic system that has the capacity to serve twenty or more people per day
- "E"** Cooling water and air conditioning return flow system.
- "F"** Salt water barrier systems.
- "X"** Wells not included in the types above which may be permitted under the Guam UIC Program.

**Note: Classes I thru IV are currently not allowed and will not be permitted in Guam.**

## INSTRUCTIONS - Class V UIC Permit Application

**Paperwork Reduction Act:** The public reporting and record keeping burden for this collection of information is estimated to 32 hours for a Class V well/system application. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden. This form must be completed by all owners or operators of Class V injection wells/systems and submit to the Administrator of Guam EPA.

- I. FACILITY NAME AND ADDRESS** - Name and address of the facility.
- II. OWNER/OPERATOR NAME AND ADDRESS** - Name and address of the owner/operator of facility.
- III. OWNERSHIP STATUS** - Mark the appropriate box to indicate the type of ownership.
- IV. SIC CODES** - List at least one and no more than four Standard Industrial Classification (SIC) Codes that best describe the nature of the business in order of priority. SIC Codes is available at website (such as [www.osha.gov/oshstats/sicser.html](http://www.osha.gov/oshstats/sicser.html)) or other reference books/materials.
- V. WELL/SYSTEM STATUS** - Mark Box A if the application(s) is for renewal of a currently permitted well(s)/system(s). Mark Box B if the application(s) is for an existing non-permitted well(s)/system(s) operating since September 25, 1981, the effective date the UIC Program was adopted in Guam. Mark Box C if the application is for a proposed new well(s)/system(s).
- VI. PERMIT REQUESTED** - Mark Box A if the application(s) is for renewal of a current permit(s). List each existing well(s)/system(s) and provide coordinates to indicate specific location. Coordinates can be obtained through land survey or Global Positioning Systems. Additional page is provided for more listings. Mark Box B if the application is for a proposed new construction/drilling or an existing non-permitted well(s)/systems(s). Indicate the type of Class V well(s)/system(s) and the name and location of the facility or project. If the type of the well is "A", a Well Drilling Permit application shall be attached.
- VII. LIST ALL PERMITS RECEIVED OR APPLIED FOR UNDER ANY OTHER PROGRAM** - List all permits for construction or operating received or applied for under any other program, such as NPDES, RCRA, etc.
- VIII. TYPE OF CLASS V WELL/SYSTEM** - Enter the type of Class V well/system

for which a permit is requested. When selecting type “A” please explain.

**IX. LOCATION OF WELL/SYSTEM** - List each well(s)/system(s) by cluster or area (if applicable). For renewal, refer to the current permits for area number. Indicate the village and nearby landmark for quick direction.

**X. ATTACHMENTS** - Submit attachments as described below.

**XI. CERTIFICATION** - All permit applications must be signed by a principal executive or at least the level of vice-president for a corporation; by a general partner or the proprietor for a partnership or sole proprietorship; and by a principal executive or ranking elected official for a Federal or Government of Guam agency/department.

## ATTACHMENTS

The following attachments shall be submitted with the new operating permit application(s) only, unless otherwise noted.

- A. WELL/SYSTEM DESCRIPTION** - A brief description of the project and the nature of the business.
- B TOPOGRAPHIC MAPS** - Submit a topographic map for applications of new construction/drilling or existing non-permitted wells/systems extending one thousand feet radius beyond the property boundaries, showing the injection well/system for which a permit is sought. The map must show and identify roads, sewage treatment facilities, production wells, injection wells/systems, monitoring wells, residence with septic systems, fuel storage tanks, auto repairs and body shops, golf courses and other facilities that may pose a potential risk to the quality of the groundwater.
- C. PLANS AND CALCULATIONS** - Submit site and vicinity maps, approved design plan and cross sections of the well/system, approved engineering calculations, and boring logs showing the water table and other pertinent data used in the design. For operating permit renewals, submit only the site or vicinity maps of the wells/systems.
- D. OPERATING AND MONITORING PLAN** - For applications of new operating permits, submit a comprehensive operation and maintenance plan, sampling and analysis plan for water quality monitoring and an as-built drawing of the well/system. For operating permit renewals, submit any updated operation and maintenance and sampling and analysis plan.
- E. EXISTING PERMITS** - Attach all existing Guam EPA or U.S. EPA permits such as, NPDES, RCRA, etc. For renewal permit application, submit any additional and current permits.
- F. WELL CONSTRUCTION/DRILLING PERMIT-** Attach a Well Drilling Permit application for each proposed new type “A” well. Application form is available at Water Resources Management Program, Guam EPA or at [www.guamepa.net/permits](http://www.guamepa.net/permits).
- G. APPLICATION FEE** - Attach a check payment of two hundred fifty dollars (\$250.00) per project for the construction/drilling of a proposed new well(s)/system(s). Type “A” well shall pay \$250.00 for each well drilling application. The check shall be payable to Treasurer of Guam care of Guam EPA. Operating permit renewal has currently no charge.