



## FAQs Concerning Class V Injection Wells Associated with Golf Course Maintenance Facilities

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### What is a Class V injection well?

A Class V injection well is a pipe or constructed hole in the ground that is deeper than the largest surface dimension and is used to dispose of non-hazardous fluids into or above an underground source of drinking water (USDW). Dry wells and septic system leach lines can be Class V wells. Class V injection wells are commonly located in areas not served by storm sewers or sanitary sewer systems.

### What types of Class V injection are associated with golf courses and/or maintenance facilities?

Golf courses may have:

- storm water drainage wells;
- septic systems that receive sanitary wastes from restrooms and club house restaurants;
- industrial disposal wells that receive wastewaters mixed with soap and de-greasers from washing lawn maintenance equipment or golf carts; and
- motor vehicle waste disposal wells (which are illegal) that are usually floor drains and shop sinks that receive or have the potential to receive waste fluids associated with motor vehicle repair (i.e. gas-powered equipment ).

### Are Class V injection wells regulated?

Class V injection wells are regulated by Ohio EPA's Division of Drinking and Ground Waters, Underground Injection Control (UIC) Program. Rule 3745-34-11 of the Ohio Administrative Code (OAC) contains the requirements for the regulation of Class V injection wells.

#### Storm Water Drainage Wells

If a Class V injection well receives only storm water runoff, it must be constructed to minimize the injection of contaminants including, but not limited to, sediment, fecal matter, motor vehicle fluids, fertilizers and pesticides per OAC Rule 3745-34-11(J).

The wells are authorized by rule as long as a Class V Inventory form is completed and submitted per OAC Rule 3745-34-11(M) and the fluid entering the well(s) does not contain any contaminant that exceeds primary drinking water standards established under Chapter 3745-81 of the OAC or may adversely affect human health.

#### Septic Systems Receiving Sanitary Wastes

The injection of sanitary waste is authorized without a UIC permit as long as the required Class V inventory information has been completed and submitted per OAC Rule 3745-34-11(M) and a permit to install has been issued by either Ohio EPA's Division of Surface Water or the local health department.

#### Motor Vehicle Waste Disposal Wells

Motor vehicle waste disposal wells consist of floor drains and/or shop sinks that discharge to septic systems, leaching lines or dry wells and receive or have the potential to receive fluids associated with maintenance or repair of motor vehicles and/or equipment such as gasoline, diesel fuel, anti-freeze, oils, degreasing agents, etc.

There can be no floor drains where any type of maintenance or repair work is conducted on motor vehicles or equipment except those that connect to a holding tank or to a sanitary sewer. Class V motor vehicle disposal wells are strictly prohibited. All existing motor vehicle waste disposal wells must be permanently closed in accordance with OAC Rule 3745-34-11(O).

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## Industrial Disposal Wells

An industrial disposal well associated with golf course maintenance facilities might consist of wastewaters from washing golf carts or lawn equipment. If the wastewater contains soaps and any degreasing agents, oils or greases, then it is an industrial waste.

Industrial disposal wells are required to receive a Class V permit to drill (install) and a Class V permit to operate. Each Class V permit application must include a nonrefundable application fee of \$2,000. Class V operating permits contain special conditions including sampling and analysis of the discharged fluids to ensure compliance with OAC Rule 3745-34-07(A). Class V operating permits are issued for a maximum of five years.

## **Contact**

To determine if the well is a Class V well and if a permit is required for the discharge or to request an application for a Class V permit to drill (install) and a Class V permit to operate, please contact UIC staff at (614) 644-2752. For additional Class V information, please visit [www.epa.ohio.gov/ddagw/uic.aspx](http://www.epa.ohio.gov/ddagw/uic.aspx).