

MAYOR CITY OF GARY Honorable Karen Freeman-Wilson BOARD of DIRECTORS

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EXHIBIT C Underground Injection Control Program

In addition to obtaining a storm water management permit from the GSWMD, 40 CFR Part 144 (Underground Injection Control Program) requires that basic inventory and assessment information be submitted to U.S. EPA, Region 5 for all Class V wells. Class V wells are defined as, "shallow wells used to place a variety of fluids directly below the land surface", and include, "drainage wells used to drain surface fluids, primarily storm runoff, into a subsurface formation" (40 CFR Part 144.80, Subpart 3, and Part 144.81, Subpart 4). An individual Underground Injection Control (UIC) permit may be required if the injection activity may cause a violation of any primary drinking water regulation in an underground source of drinking water (USDW) or otherwise adversely affect the health of persons. The completion of a Class V Well Pre-Closure Notification Form is also required for Class V Wells that are to be placed out of service.

For further information and specific details of UIC program requirements, please contact and / or review the following:

- U.S. EPA, Region 5 UIC Branch (WU-16J) ATTN: Mr. Charles T. Elly, Branch Chief 77 W. Jackson Boulevard Chicago, Illinois 60604-3590 Phone: (312) 353-5089 Fax: (312) 886-4235 Email: <u>elly.charles@epa.gov</u>
- 40 CFR Part 144: Underground Injection Control Program
- Region 5 Underground Injection Control Program:

http://www.epa.gov/region5/water/uic/

• Underground Injection Control Program: http://www.epa.gov/safewater/uic/.html

The following steps must be followed to ensure compliance with 40 CFR Part 144:

Step 1:

Submit the Underground Discharge System (Class V) Inventory Sheet to the U.S. EPA, Region 5, UIC Branch for review prior to construction.

A complete inventory sheet must include: a) facility name and location, b) name and address of legal contact, c) ownership of property, d) nature and type of injection well(s), and e) operating status of injection well(s). A copy of the inventory sheet is enclosed and is also available at: <u>http://www.epa.gov/region5/water/uic/forms/cl5invfm.pdf</u>.

Inventory sheets must be submitted to the following address:

U.S. EPA, Region 5 UIC Branch (WU-16J) ATTN: Ms. Lisa Perenchio, Direct Implementation Section Chief 77 West Jackson Boulevard Chicago, Illinois 60604-3590 Phone: (312) 886-6593 Fax: (312) 886-4235 Email: perenchio.lisa@epa.gov

Step 2:

Receive approval from the U.S. EPA.

The EPA will do one of three things. The EPA may rule authorize the well(s), i.e., construction may begin as long as the injection activity does not endanger USDWs. The EPA may request additional information prior to making a determination on the well(s). This additional information will be used for review to determine if the well(s) may endanger USDWs. Finally, the EPA may require that a permit be obtained. The permit will include specific conditions that must be met to ensure the subsurface discharge does not endanger USDWs and may include monitoring, reporting, and / or implementing "best management practices".

Step 3:

Begin construction activities.

Construction activities may not begin prior to receiving approval from the U.S. EPA, Region 5. The drainage well must be constructed and operated in a manner that does not endanger USDWs. In addition, a GSWMD storm water management permit must be obtained prior to beginning construction activities.

Step 4:

Submit the Class V Well Pre-Closure Notification Form to the U.S. EPA, Region 5, UIC Branch for review prior to well closure.

A well that is no longer being used must be closed in a manner that prevents movement of

contaminated fluids into USDWs, which may cause a violation of national drinking water standards or adversely affect public health. The well must be permanently plugged or closed such that USDWs are protected. In addition, any soil, gravel, sludge, liquids, or other materials removed from or adjacent to your well must be managed or disposed of according to all Federal, State, and local regulations and requirements.

A complete pre-closure notification form must be submitted at least 30 days prior to well closure and must include: a) facility name and location, b) name and address of legal contact, c) ownership of property, d) type of injection well(s), and e) type of injection well(s) closure. A copy of the pre-closure notification form is enclosed and is also available at: http://www.epa.gov/region5/water/uic/forms/pre_close_form.pdf.

Pre-closure notification forms must be submitted to Ms. Lisa Perenchio at the address listed above.

Step 5:

Receive closure approval from the U.S. EPA, Region 5 and close the well(s).

The U.S. EPA, Region 5 will approve the well closure or may request additional information be submitted to ensure that the well closure will be conducted in a manner that will protect USDWs.

Attachments:

Underground Discharge System (Class V) Inventory Sheet Class V Well Pre-Closure Notification Form