

**NORTH DAKOTA DEPARTMENT OF HEALTH  
PUBLIC NOTICE OF OPPORTUNITY TO COMMENT ON MODIFICATIONS  
TO STORAGE AND CORRECTIVE ACTION PERMIT**

FACILITY NAME

**Great Plains Synfuels Plant  
Dakota Gasification Company  
420 County Road 26  
Beulah, ND 58523**

BACKGROUND

In 2006 the North Dakota Department of Health reissued a storage and corrective action permit to the Great Plains Synfuels Plant, operated by Dakota Gasification Company (DGC), located seven miles northwest of Beulah, ND. This permit contains requirements for the storage of hazardous waste and corrective action for releases of hazardous constituents from solid waste management units and Areas of Concern (AOCs). The Department has drafted a modification to the permit issued by the Department. The Permit Modification proposed is for the final corrective action remedy for three AOCs: the Rectisol Unit, Rail Loading Area, and Gas-Liquor Tank Storage Area. The Department has selected the recommended corrective measure of “No Action” for these areas. The Great Plains Synfuels Plant will also implement a site-wide ground-water monitoring program.

PUBLIC COMMENTS AND HEARING

As required by Section 33-24-07-06 NDAC, the proposed modification to the permit will be available for public review and comment for forty-five (45) days beginning on October 30, 2009 and ending December 16, 2009. During that period any interested person may submit written comments or request a public hearing by stating the nature of the specific issues to be raised. Thirty (30) days notice will be provided before any hearing is scheduled. The North Dakota Department of Health will consider all comments prior to taking any action on the proposed Permit Modification. Comments, questions and written communication should be directed to:

Curtis L. Erickson  
North Dakota Department of Health  
Division of Waste Management  
918 East Divide Avenue, 3rd Floor  
Bismarck, ND 58501-1947 (701-328-5166)

The proposed modification to the permit and other pertinent information are available for review during the hours of 8:30 a.m. to 4:00 p.m., Monday through Friday, at the North Dakota Department of Health, Division of Waste Management, 918 East Divide Avenue, 3rd Floor, Bismarck, ND. The proposed permit modification and Fact Sheet are available for review during the hours of 9:30 a.m. to 4:00 p.m., Monday through Friday, at the Beulah Public Library, Reference Desk, Beulah, ND. Lastly, a Fact Sheet and Public Notice of Opportunity to

Comments are available on the North Dakota Department of Health website at the following address: <http://www.ndhealth.gov/wm/PublicNotices.aspx>

If anyone requires special accommodations, notify the Department at 701-328-5166.

## **FACT SHEET**

### **Great Plains Synfuels Plant Dakota Gasification Company**

**EPA ID No. NDD000690594**

#### **DESCRIPTION OF PERMIT**

The North Dakota Department of Health has drafted a Permit Modification to the storage and corrective action permit issued by the Department. The Permit Modification proposed is for selecting and implementing the final corrective action remedy for three Areas of Concern (AOCs). The Permit Modification is being made available for public comment and review by Public Notice.

#### **FACILITY DESCRIPTION**

The Great Plains Synfuels Plant, operated by Dakota Gasification Company (DGC), is a coal conversion plant located seven miles northwest of Beulah, ND. The plant transforms lignite coal into synthetic natural gas and marketable byproducts including ammonium sulfate fertilizer, anhydrous ammonia, phenol, tar oil and naphtha. This process generates hazardous waste regulated under the North Dakota Hazardous Waste Management Rules.

During the operations at the facility, certain units have caused contamination through leaks and spills. This contamination is being addressed under corrective action, and this corrective action is addressed in the Hazardous Waste Permit, reissued in 2006. To date, DGC has undertaken a program to mitigate the contamination and has met certain goals demonstrating their commitment to the Corrective Action Program. This permit modification deals specifically with the final corrective action remedy for three AOCs: (1) the Rectisol Unit, Rail Loading Area, and Gas-Liquor Tank Storage Area. The Department has proposed selecting a final remedy of "No Action" for these areas due to the nature of the contaminant. DGC will also implement a site-wide groundwater monitoring program. The requirements of the Permit Modification are detailed in the Hazardous Waste Permit and the Revised Corrective Measure Study (CMS).

#### **CONDITIONS**

All conditions of the Draft Permit Modification are based on rules in the North Dakota Administrative Code (NDAC), Chapters 33-24-01 through 33-24-07, and the Hazardous Waste Permit. The rules establish the State requirement for modifying a permit and are based on the Hazardous Waste Management Act, North Dakota Century Code (NDCC) 23-20.3. The facility must be operated as specified in the latest revision of the permit application and the conditions of the permit.

## PUBLIC NOTICE

Section 33-24-07-06 NDAC requires a forty-five (45) day public comment period. The public comment period will begin on October 30, 2009 and end on December 16, 2009. The Notice will also be published in the official county newspaper and broadcast over local radio and television stations. A public hearing will only be held if written comments are received in opposition to the Draft Permit Modification and a hearing is requested. The Draft Permit Modification and other background materials will be made available for public review during the comment period. Locations of these documents will be published in the Public Notice.