

NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY
PUBLIC NOTICE TO
RENEW AN UNDERGROUND INJECTION CONTROL PERMIT

April 3, 2025

PURPOSE OF PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO STATE THE DEPARTMENT'S INTENTION TO RENEW A CLASS I UNDERGROUND INJECTION CONTROL PERMIT UNDER THE AUTHORITY OF ARTICLE 33.1-25 OF THE NORTH DAKOTA ADMINISTRATIVE CODE.

PERMIT INFORMATION

APPLICANT NAME:	Rainbow Energy Center, LLC
MAILING ADDRESS:	918 East Divide Avenue Bismarck, ND 58504
FACILITY LOCATION:	Coal Creek Station 2875 Third Street SW Underwood, ND 58576
TELEPHONE NUMBER:	701-315-8181
PERMIT NUMBER:	ND-UIC-106

Underground Injection Control Permit Renewal

It is the intent of the North Dakota Department of Environmental Quality (Department), Division of Water Quality, to renew Rainbow Energy Center's (Rainbow) Class I commercial, non-hazardous waste underground injection control permit ND-UIC-106 (Permit). Rainbow currently operates a commercial Class I non-hazardous waste underground injection well (Well #1) at Coal Creek Station, a coal-fired electric generation facility located near Underwood, North Dakota.

Well #1 is used for the disposal of non-hazardous waste fluids into the Inyan Kara formation, at a depth between 3,531 and 3,916 feet below ground surface. The injection zone is located approximately 2,421 feet below the Fox Hills formation, which is currently identified as the lower most underground source of drinking water in the vicinity of Coal Creek Station.

The permitted waste streams consist of process water from Rainbow's coal-fired electrical generation facility; bottom ash impoundment pore water from Great River Energy's Stanton Station; and reverse osmosis reject water, ultrafiltration blowdown, and boiler blowdown from the Blue Flint Ethanol Plant.

The maximum permitted injection rate for Well #1 is 700 gallons per minute (gpm). The Permit allows Rainbow to operate the well continuously, as long as all Permit conditions are met; however, Rainbow has been operating the well on an intermittent basis, generally shutting down injection during the winter months.

PUBLIC COMMENTS

The Draft Permit and Permit Renewal Application will be available for public review and comment for thirty (30) days following publication of the Public Notice. The public comment period begins April 3, 2025 and ends May 5, 2025. Interested persons may submit written comments to the Department on the Draft Permit during this period. Interested persons may request a public hearing by stating the nature of the specific issues to be raised.

The Department will consider all comments prior to taking any action on the permit. Comments, questions, and written communication should be directed to:

Marty Haroldson, Director
North Dakota Department of Environmental Quality
Division of Water Quality
4201 Normandy Street
Bismarck, ND 58503

The Draft Permit and Permit Application are available for review during the hours of 8:30 a.m. to 4:30 p.m., Monday through Friday, at the North Dakota Department of Environmental Quality, Division of Water Quality, 4201 Normandy Street, Bismarck, North Dakota. A copy of this Public Notice is also on the Department's website at: <http://deq.nd.gov>

NDDEQ Non-Discrimination Statement

The NDDEQ will consider every request for reasonable accommodation to provide an accessible meeting facility or other accommodation for people with disabilities, language interpretation for people with limited English proficiency (LEP), and translations of written material necessary to access programs and information. Language assistance services are available free of charge to you. To request accommodations or language assistance, contact the NDDEQ Non-discrimination/EJ Coordinator at 701-328-5150 or deqEJ@nd.gov. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

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