

Public Notice
Division of Water Quality
Utah Department of Environmental Quality
Major Modification of UIC Permit UTU-27-AP-9232389

Purpose of Public Notice

The Utah Department of Environmental Quality is soliciting comments on its proposal to issue a major modification of the Underground Injection Control (UIC) Class III Solution Mining Permit under the authority of the Utah Water Quality Act, Section 19-5-104(1)(I) Utah Code Annotated 1953 as amended, and the Utah Administrative Code R317-7. This major modification includes the creation of two (2) additional caverns for storage of natural gas liquid.

Permit Information

Permittee Name: Magnum Solution Mining, LLC (fka Magnum Solutions, LLC)

Permittee Mailing Address: 3165 East Millrock Drive, Suite 330
Salt Lake City, Utah 84121

Permitted Facility Location: The Project Area for six (6) Class III Solution Mining wells is centered approximately at 39 ° 29' 39" latitude 112 ° 36' 20" longitude, NAD83, in the S 1/2 of Sec. 23 and the N 1/2 of Sec. 26, T 15 S, R 7 W; SLB&M in Millard County, Utah approximately 9 miles north of Delta.

Magnum Solution Mining, LLC (Magnum) proposes to create two (2) additional caverns for a total of six (6) for natural gas (NG) and natural gas liquid (NGL) storage in a bedded salt deposit that has been tectonically thickened. Each of the four (4) NG storage caverns will have an open volume of approximately 10.5 million barrels corresponding to a gas storage space of 9.8 million barrels. The final cemented casing will be set at a depth of approximately 3,950 feet, within the salt structure, and the roof of the cavern will be established 200 feet below that depth at approximately 4,150 feet. The maximum diameter of each cavern is intended to be 300 feet and the open height approximately 1,000 feet. It is estimated that each cavern will require approximately 2 years for completion. Each of the two (2) NGL storage caverns will have a maximum open volume of approximately 2.1 million barrels corresponding to a natural gas liquid storage space of 2 million barrels. The final cemented casing will be set at least 200 feet into the salt. The roof of the cavern will be established 200 feet below the final cemented casing. The maximum diameter of each cavern is intended to be approximately 200 feet and the open height approximately 575 feet. Once each well / cavern system has been completed, regulatory authority for operation and maintenance as a natural gas storage facility will be turned over to the Utah Division of Oil, Gas and Mining.

Public Comments

Public comments are invited any time prior to Friday, December 30, 2011. Written comments may be directed to the Division of Water Quality, P.O. Box 144870, Salt Lake City, Utah 84114-4870. All comments received prior to Friday, December 30, 2011, will be considered in the formulation of final determinations to be imposed on the permit. A public hearing may be held if written requests are received with the first 15 days of this public comment period, that demonstrate significant public interest and substantive issues exist to warrant holding a hearing.

Further Information

Additional information; including this public notice announcement, the statement of basis, and the draft permit; may be obtained at the following web site: <http://www.waterquality.utah.gov/PublicNotices/index.htm#uicp> or by contacting Brianna Ariotti at: (801) 536-4351, or bariotti@utah.gov. Permit application documents are available for review during normal business hours at the Division of Water Quality, 195 N. 1950 W., Salt Lake City, Utah.

In compliance with the American with Disabilities Act, individuals with special needs (including auxiliary communicative aids and services) should contact Dana Powers, Office of Human Resources at (801) 536-4413 (TDD 536-4414).