



State of Utah

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DIVISION OF WATER QUALITY
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March 2, 2022

Division of Water Quality
Utah Department of Environmental Quality
Public Notice of Intent to Issue Permit UTU-27-AP-BDCCF0C
Underground Injection Control Class V Area Permit
Salt Cavern Hydrogen Storage Facility

Purpose of Public Notice

The Utah Department of Environmental Quality (DEQ) is soliciting comments on the request to issue Underground Injection Control (UIC) Class V permit **UTU-27-AP-BDCCF0C**. The permit is issued by the Director of the Division of Water Quality (DWQ) under authority of the Utah Water Quality Act, Utah Code Section 19-5-106(g) and Utah Administrative Code R317-7.

Permit Information

Permittee Name: Advanced Clean Energy Storage I, LLC (ACES I)

Facility Location: 10 miles north of the town of Delta, Millard County, UT

Mailing Address: 3165 East Millrock Dr., Suite 330
Holladay, UT 84121

ACES I plans to inject, store and withdraw pressurized hydrogen from underground storage caverns constructed in a tectonically thickened salt body located approximately 9 miles north of Delta, Utah in Millard County and at depths greater than 3,000 feet below the surface. The construction of these caverns is permitted by ACES I's solution mining UIC Class III Permit UTU-27AP-718D759 which also requires testing for cavern stability and internal mechanical integrity or Part 1 (40 CFR 146.8) every 5 years. These requirements and financial assurance for proper cavern closure and well plugging and abandonment are also part of the Class V hydrogen storage permit. In addition, the Class V Permit requires quarterly monitoring and product inventory reporting of any hydrogen loss and movement or any indication of cavern instability.

Public Comments

Public comments are invited any time prior to **Monday, April 4, 2022**. Comments may be directed to the Division of Water Quality, PO Box 144870, Salt Lake City, UT 84114-4870 or via email to

wqcomments@utah.gov. All comments received prior to close of business **Monday, April 4, 2022**, will be considered in the formulation of final decision to renew and modify the permit. A public hearing may be held if written requests are received within the first 15 days of this public comment period that demonstrate significant public interest and substantive issues exist to warrant holding a hearing.

Additional Information

Additional information may be obtained upon request by contacting Dan Hall at (801) 536-4356 or dhall@utah@utah.gov or by writing to the aforementioned address. The Draft Permit and related documents are available for review on the DWQ web page at <http://www.waterquality.utah.gov/PublicNotices/index.htm>.

In compliance with the Americans with Disabilities Act, individuals with special needs (including auxiliary communicative aids and services) should contact the Utah State Accessibility website at <https://www.utah.gov/accessibility.html>.