

**Division of Water Quality**  
**Utah Department of Environmental Quality**  
**Public Notice of Intent to Issue a Ground Water Discharge Permit and Related Construction**  
**Permit: Permit No. UGW470003**

**Purpose of Public Notice**

The Utah Department of Environmental Quality (DEQ) is soliciting comments on the intent to issue both a ground water discharge permit and associated construction permit as described below. The ground water discharge permit is issued by the Director of the Division of Water Quality under authority of the Utah Water Quality Act, Section 19-5-106(g) Utah Code Ann. 1953, as amended and Utah Administrative Code R317-6. The construction permit is issued under authority of the Utah Water Quality Act, Section 19-5-106(2)(f), Utah Code Ann. 1953, as amended and Utah Administrative Code R317-1-2.2. Under Section 19-1-301.5, effective May 8, 2012, a person who wishes to challenge a Permit Order may only raise an issue or argument during an adjudicatory proceeding that was raised during the public comment period and was supported with sufficient information or documentation to enable the Director to fully consider the substance and significance of the issue. Utah Code Ann. 19-1-301.5 can be viewed at the following internet URL: [http://le.utah.gov/~code/TITLE19/htm/19\\_01\\_030105.htm](http://le.utah.gov/~code/TITLE19/htm/19_01_030105.htm).

**Permit Information**

Permittee: The Oil Mining Company, Inc.

Mailing Address: 50 Jermyn Street  
London  
SW1Y 6LX  
United Kingdom

Facility Location: Sections 13 and 14, T. 12 S., R. 24 E., Salt Lake Base and Meridian, Uintah County, Utah

The Oil Mining Company, Inc. (TomCo) proposes to evaluate a new technology for using heat to extract hydrocarbons from oil shale by constructing a prototype “capsule” at their mine site located in Uintah County, Utah. The technology involves simultaneous surface mining of oil shale and construction of an enclosed capsule, primarily from the mined materials, within which high temperatures will be maintained to liberate liquid and gaseous hydrocarbons from the oil shale.

The capsule will consist of oil shale ore stacked on a metal pan to collect liquids, surrounded on top, bottom and sides by insulating materials and a three-foot thick layer of bentonite-amended soil to act as a barrier to liquid hydrocarbons and water. The prototype capsule will have approximate dimensions of 705 by 360 feet. The permit only allows construction of one prototype capsule. TomCo must complete studies on environmental aspects of the capsule technology, as required in the permit, and apply for a new permit before it may start commercial production of additional capsules.

**Public Comments**

Public comments are invited any time through close of business on **Friday, January 30, 2015**. Written comments may be directed to the Division of Water Quality (DWQ), P.O. Box 144870, Salt Lake City, UT 84114-4870. All comments received prior to close of business on **Friday, January 30, 2015**, will be considered in the formulation of final conditions to be imposed on the permit.

**Additional Information**

Additional information may be obtained upon request by contacting Brian Hamos at (801) 536-4384 or [bhamos@utah.gov](mailto:bhamos@utah.gov) or by writing to the aforementioned address. Related documents are available for review during normal business hours at DWQ, 195 North 1950 West in Salt Lake City or 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 Dana Powers, Office of Human Resources at (801) 536-4413, TDD (801) 536-4414.