

**Division of Water Quality
Utah Department of Environmental Quality
Public Notice of Issuance of Ground Water Discharge Permit
Permit No. UGW470002**

Purpose of Public Notice

The Utah Department of Environmental Quality (DEQ) is soliciting comments on the request to issue a ground water discharge permit described below under authority of the Utah Water Quality Act, Section 19-5-108(2) Utah Code Ann. 1953, as amended and Utah Administrative Code R317-6. 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.

Permit Information

Permittee: Red Leaf Resources, Inc.

Mailing Address: 10808 River Front Parkway, Suite 200
South Jordan, Utah 84095-5956

Facility Location: SE ¼ of Section 30, T. 13 S., R. 23 E., Salt Lake Base and Meridian, Uintah County, Utah

Red Leaf Resources, Inc. 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 enclosed capsules, primarily from the mined materials, within which high temperatures will be maintained to liberate liquid and gaseous hydrocarbons from the oil shale.

Capsules 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 shale to act as a barrier to liquid hydrocarbons and water. The prototype capsule will have dimensions of 695 by 385 feet. The permit only allows construction of the one prototype capsule. Red Leaf must complete studies on environmental aspects of the capsule technology, as required in the permit, and apply for a major modification to the permit, before it may start commercial production. A major permit modification will require public notice of the draft modified permit, similar to the process for a new permit.

Public Comments

Public comments are invited any time prior to **Friday, September 27, 2013**. 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 to **Friday, September 27, 2013**, 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 Mark Novak at (801) 536-4358 or mnovak@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.