



State of Utah

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Department of  
Environmental Quality

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DIVISION OF WATER QUALITY  
Walter L. Baker, P.E.  
Director

October 22, 2008

DIVISION OF WATER QUALITY  
UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY  
PUBLIC NOTICE OF A UPDES PERMIT

**PURPOSE OF PUBLIC NOTICE**

THE PURPOSE OF THIS PUBLIC NOTICE IS TO DECLARE THE STATE OF UTAH'S INTENTION TO ISSUE A UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES) PERMIT UNDER AUTHORITY OF THE UTAH WATER POLLUTION CONTROL ACT, SECTION 19-5-104(9) AND 107(2), UTAH CODE ANNOTATED 1953, AS AMENDED. SAID "PERMIT" REFERS TO THE UPDES PERMIT AND THE STATEMENT OF BASIS (INCLUDING TOTAL MAXIMUM DAILY LOADS (TMDL'S)) IF APPLICABLE, AS PER SECTION 303(D) OF THE FEDERAL CLEAN WATER ACT (CWA)].

**PERMIT INFORMATION**

PERMITTEE NAME:	Uranium One Exploration, Inc., Velvet Mine
MAILING ADDRESS:	11850 South Highway 191, Unit A-5
TELEPHONE NUMBER:	(970) 231-1160
FACILITY LOCATION:	T31S, R25 E, Section 3, in Lisbon Valley, San Juan County
UPDES PERMIT NO.:	UT0025810
PERMITTED OUTFALLS	001
RECEIVING WATER:	Unnamed dry wash-> Big Indian Wash-> Hatch Wash-> Kane Creek

**BACKGROUND**

Uranium One Exploration, Inc. owns and operates the Velvet Mine, which is an underground uranium and vanadium mine. The discharge treatment system for this facility consists of a chemical precipitation process with barium chloride. The intercepted mine water is pumped and mixed with barium chloride and then up to an initial treatment tank where the barium chloride assists in Radium reduction. The facility has a Standard Industrial Classification (SIC) code 1094, for Uranium mining.

**PUBLIC COMMENTS**

Public comments are invited any time prior to close of business December 1, 2008. Comments may be directed to the Department of Environmental Quality, Division of Water Quality, 288 North 1460 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870.

**FURTHER INFORMATION**

The permit is available for public review under "Public Notices" at [www.waterquality.utah.gov/](http://www.waterquality.utah.gov/). If internet access is not available, a copy may be obtained by calling Matthew Garn at 801-538-9489. Written public comments can be submitted to: Walt Baker, Executive Secretary, Utah Water Quality Board, P.O. Box 144870, Salt Lake City, Utah 84114-4870 or by email at: [wbaker@utah.gov](mailto:wbaker@utah.gov). The deadline to receive comments is the close of business December 1, 2008. After considering public comment, the Utah Water Quality Board may execute the permit, revise it, or abandon it.