



State of Utah

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DIVISION OF WATER QUALITY  
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May 28, 2014

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 Americas, Inc., Velvet Mine  
MAILING ADDRESS: 11850 South Highway 191, Unit A-5  
TELEPHONE NUMBER: (435) 259-2443  
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 mixed with barium chloride and then pumped to a settling pond where the barium chloride assists in Radium reduction, precipitation and removal. The facility has a Standard Industrial Classification (SIC) code 1094, for Uranium mining.

**PUBLIC COMMENTS**

Public comments are invited any time prior to the deadline of the close of business on June 30, 2014. Written public comments can be submitted to: Matthew Garn, UPDES Engineering Section, Utah Division of Water Quality, P.O. Box 144870, Salt Lake City, Utah 84114-4870 or by email at: [mgarn@utah.gov](mailto:mgarn@utah.gov). After considering public comment the Division of Water Quality may execute the permit reissuance, revise it, or abandon it. The permit is available for public review under "Public Participation" 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 801-536-4381.