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*Executive Secretary*

August 26, 2010

Alan Packard, P.E.  
Assistant General Manager and Chief Engineer  
Jordan Valley Water Conservancy District  
P.O. Box 70  
West Jordan, Utah 84088

Dear Mr. Packard:

Subject: Receipt of UPDES Permit Application for the Southwest Groundwater Treatment Plant

This is to inform you that the Division of Water Quality (DWQ) has completed its review of the UPDES permit application for the Southwest Groundwater Treatment Plant, submitted on August 17, 2010, and determined that it is complete. However, additional information may be requested, if necessary, to clarify, modify, or supplement previously submitted material.

The draft UPDES Permit for your facility is currently being finalized. When complete, the draft permit will contain effluent limitations and other provisions reflecting the requirements of the State and Federal water pollution control regulations. The DWQ will then publish notice of our intent to issue the permit and allow sixty (60) days for public comment. The Jordan Valley Water Conservancy District will have an opportunity to review the draft permit for seven (7) business days prior to the public comment period. A public hearing will also be scheduled during the public notice period. Following the public comment period, the Executive Secretary will issue, revise or abandon the permit.

If you have any questions, please contact me at 801-536-4385 or [kshelley@utah.gov](mailto:kshelley@utah.gov).

Sincerely,

Kim Shelley  
Environmental Engineer  
UPDES Engineering Section

KS:mc

cc: Qian Zhang, EPA Region 8  
Salt Lake Valley Health Department  
Mark Atencio, Jordan Valley Water Conservancy District



RECEIVED  
AUG 17 2010  
DIVISION OF  
WATER QUALITY

# UPDES Permit Application for the Southwest Groundwater Treatment Plant



SOUTHWEST  
**GROUNDWATER**  
TREATMENT PLANT

August 2010

ZONE A

ZONE B



JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

*Delivering Quality Every Day*

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## UPDES PERMIT APPLICATION FOR SOUTHWEST GROUNDWATER TREATMENT PLANT

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JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

**Delivering Quality Every Day**

8215 South 1300 West • PO Box 70 • West Jordan, UT 84088-0070 • Ph: 801.565.4300 • Fax: 801.565.4399

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August 16, 2010

Walt Baker, PE  
Director  
Division of Water Quality  
Department of Environment Quality  
State of Utah

Subject: Utah Pollutant Discharge Elimination System Permit (UPDES) Application  
for the Southwest Groundwater Treatment Plant

Dear Walt:

Jordan Valley Water Conservancy District (JVWCD) has entered into agreements with Kennecott Utah Copper Corporation and the Utah Trustee for Natural Resources to complete the construction and operation of the Southwest Jordan Valley Groundwater Project. This project will address groundwater that was contaminated by mining activities in the southwest sector of Salt Lake County. The objectives of the Project are to contain the contaminated groundwater, remediate the aquifer, and provide drinking water to the affected area. The contaminant of concern is dissolved sulfate.

Attached are application forms 1 and 2A and the requisite maps for a UPDES permit for the Southwest Groundwater Treatment Plant. Discharges requested in the permit application are based upon build out flows. This application has been revised to reflect water quality data tested at lower detection limits. In addition, the application has been revised to reflect details of operating scenarios.

JVWCD requests the Division of Water Quality review this permit application and consider issuing a permit for this activity. If you have any questions regarding this application, please feel free to call myself or Mark Atencio.

Sincerely,

Alan E. Packard, P.E.  
Assistant General Manager and Chief Engineer



c: Mark G Atencio