

WM-41

FAX

DATE:

Nov 22 2005

TIME: 8:17

A.M.
P.M.

PAGES:

3

TO: Paul Mikhalak

FROM: Dean Henderson Faxed By: Same

CO./DEPT.

NRC

PHONE #

FAX #: 1-301-415-5370



State of Utah

Department of Environmental Quality

Dianne R. Nielson, Ph.D.
Executive Director

DIVISION OF RADIATION CONTROL
Dane L. Finerfrock
Director

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Department of Environmental Quality

Division of Radiation Control

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<http://www.deq.utah.gov>
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SUBJ: SLC UAXTRA Site

COMMENTS

Paul:

Here is a copy of the letter
DRC sent concerning the
SLC UAXTRA site

Thank

Dean Henderson



State of Utah

Department of
Environmental Quality

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November 9, 2005

WM-41

Mr. Tom Pauling
Site Manager
2597 B 1/4 Road
Grand Junction, CO. 81503

SUBJECT: Salt Lake City, Utah, UMTRA Project Processing Site.

Dear Mr. Pauling:

The Utah Division of Radiation Control (DRC) has reviewed the 2004 Annual Status Report for the Salt Lake City, Utah, UMTRA Project Processing Site report (Report). This Report presents the results of the 5-year monitoring program as required in the Ground Water Compliance Action Plan (GCAP) for the Salt Lake City, Utah, UMTRA Project Site, May 2000. The Report recommends to discontinue all monitoring at the site because the 5 year monitoring results have demonstrated the following criteria for discontinuing the monitoring at the site have been met:

1. No reversal of the ground water hydraulic gradient;
2. A decrease in uranium and molybdenum concentrations in the ground water; and
3. No unacceptable risks related to pumping of ground water by the Central Valley Water Reclamation Facility (CVWRF).

The DRC review found that molybdenum concentrations in the December 2004 sampling event at monitor well 0144 exceeded the ad hoc Utah Ground Water Quality Standard (GWQS) of 0.040 mg/L at a concentration of 0.075 mg/L. In addition, molybdenum concentration in the December 2003 sampling event at monitor well 0144 also had exceeded the ad hoc Utah GWQS at 0.215 mg/L. Therefore, because molybdenum concentrations in monitor well 0144 have exceeded the Utah ad hoc GWQS in consecutive sampling events (2003 and 2004 sampling events), ground water monitoring at this well should continue. In addition, to demonstrate that an upward gradient still exists in the lower confined aquifer, preventing contaminated groundwater in the shallow aquifer from migrating to the lower confined aquifer, groundwater head monitoring in monitor wells 0134, 0143, 0144, and 0145 should also continue. This monitoring should continue until molybdenum concentrations are below the Utah GWQS, and the DRC is convinced that the contaminant concentrations will not rebound.

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If you have any questions regarding this letter, please call Dean Henderson at 536-0046. Thank you for your cooperation.

Sincerely,



Dane L. Finerfrock, Director

DLF/DH:dh

CC: Rob Herbert, DWQ
Paul Michalak

F:/Henderson/DOE/DOE SLC sampling.doc
File:DOE Salt Lake City