



Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.



Dave Freudenthal, Governor

John Corra, Director

Via email followed by U.S. Mail

November 2, 2007

Mr. Stephen Cohen
Project Manager
Office of Federal and State Materials and Environmental Management Program
U.S. Nuclear Regulatory Commission
Mail Stop T-8F5
11545 Rockville Pike
Rockville, MD 20852-2738

Re: Docket No. 40-6622, License No. SUA-442
Pathfinder Mines Shirley Basin Site, Wyoming

Dear Mr. Cohen:

The Wyoming Department of Environmental Quality (DEQ) has reviewed the September 2007 Semi-Annual Groundwater Monitoring Report. This report was provided to us via email by you on October 24, 2007.

The report provides data collected at the site through May 2007. No surface water impacts were noted. Groundwater contaminant levels appear to be "spiking" as the plume moves away from the tailings impoundments, however the increases are still below ACL's. It appears the groundwater contaminant attenuation is occurring as modeled. We have no comments or concerns at this time on the Pathfinder facility.

We appreciate the opportunity to review and provide you comments on this report. Thank you for keeping us "in the loop". Please contact me at 307/335-6959 or at the address provided if you have any questions on this letter or our participation at this facility.

Sincerely,

Mark Thiesse
West District Supervisor
Groundwater section

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LAND QUALITY
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FAX 332-7726

SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

WATER QUALITY
(307) 332-3144
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cc: Mr. Kevin Frederick, Manager, Groundwater Section, WQD, Cheyenne
File (2) Pathfinder Shirley Basin / Chronologic