

0051

**EIS ENVIRONMENTAL & ENGINEERING CONSULTING**

435-472-3814 / 800-641-2927 / FAX 435-472-8780 / [checc@eemc.com](mailto:checc@eemc.com) / 31 NORTH MAIN STREET HELPER, UTAH 84526

**FAX MESSAGE**

**DATE:** May 29, 2001  
**TO:** Dave Darby-UDOGM  
**FAX:** 801-359-3940  
**FROM:** Tom Paluso *Tom*  
**SUBJECT:** Lila Canyon Mine

*Handwritten notes:*  
~~Handwritten signature~~  
5/29/01  
Dave Darby

**NUMBER OF PAGES INCLUDING COVER SHEET: 2**

Attached is page 39 from Appendix 7-4 with the modifications that you wanted. I will mail you the hard copy today. Please call me if you have any questions.

## Alternate Sediment Control for Fan Site

Sediment Control at the fan site will be accomplished with a combination of one or more of the following: berms, silt fences, and straw bales. The topsoil collected from the fan site will be located down dip from the fan house and will be used in the construction of the berm. The berm will be constructed a minimum of two feet high and have 2:1 side slopes. The berm will control the flow from a 10 year-24 hour precipitation event. Silt fence will be selectively placed to help control run-off. The berm will be stabilized with vegetation to prevent erosion. As much as practical, the vegetation techniques used on the main topsoil pile will be utilized on the fan topsoil berm.

The outside of the berm will be protected with a silt fence or gravel. The gravel, if used, would help augment the revegetation. Construction details of the silt fence/filter fence are shown in Figure 8.

Due to lack of final engineering details, the exact location of the berm and subsequent erosion techniques will be determined in field with the approval of UDOGM. The final determination will be made prior to the start of topsoil removal.

### Run-off Calculations

Acreage:	.716 acres
Design Storm: 10 year/24 hour:	1.90"
CN:	90
S:	1.111
$Q = \frac{(P-0.25S)^2}{P+0.8S}$	
	= 1.01"

Total run-off = .06 acre feet