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Comments to
nu by b/p



Ms. Susan Linner
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355 West North Temple
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Salt Lake City, Utah 84180

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JUN 12 1989

DIVISION OF
OIL, GAS & MINING

June 8, 1989

RE: WILLOW CREEK SITE VISIT

Dear Susan:

I want to thank you and your staff for taking the time to meet with Chandler Nowicki, Conrad Parrish and me at the Willow Creek Site on May 18, 1989. It is good to see that productive work regarding site reclamation can finally commence. It is my understanding that the following issues were resolved.

1. The permit boundary will remain as shown on the map included in the Blackhawk/UDOGM agreement for UDOGM use of the site in the AML Program, except that the bridge culvert at the entrance to the site will be included in the permit area.
2. Jap Canyon does not flow through the small culvert under the site access road. Instead, the flow in this drainage is directed through an old man-enhanced channel away from the site. Blackhawk will perform peak flow calculations on this channel to ensure that it is adequate to continue to carry flows around the site.
3. UDOGM will search their own files for a copy of the Vaughn Hansen report sizing the access road culvert on Willow Creek.
4. Sediment Pond No. 017 will have the lower side berm removed during reclamation. In place of the berm a sediment fence will be constructed making this pond merely a sediment trap.

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5. Sizing calculations for Pond No. 018 will be reviewed as will the pond specifications. Blackhawk will provide for a manual decant for this pond as the physical size and location of this pond are not conducive to reasonable installation of an emergency spillway. If necessary, the pond will be designed to entirely handle the runoff from a 100-year, 24-hour event in order to qualify for elimination of the emergency spillway.
6. A general discussion of the slopes outside the permit area will be submitted. There are two areas mentioned by UDOGM as needing discussion. The first is the cut slope above the pad area adjacent to the transformer building. The second is the outslope area between Willow Creek and the crest of the pad.
7. Blackhawk has agreed to provide supplemental and gratuitous interseeding of the outslope area above Willow Creek. Blackhawk has further agreed to provide supplemental and gratuitous interseeding of the relatively flat area to the northwest of Pond 018.
8. The undisturbed area drainage through the pad that is on the AML side of the recently redrawn boundaries will be designed by Blackhawk. Design of this waterway will be adequate to carry the 100-year, 24-hour storm coming from the diversion ditch around Blackhawk's site.
9. Blackhawk will import material to cover the coaly area just to the southwest of Pond 018. It was generally felt by all involved in the field visit that although this area appears dark that coal materials are not persistent to great depth in this area.

It is Blackhawk's intention to reclaim the site to a postmining land use of industrial. The industrial postmining land use will be supported by a written lease on the area accompanied by an industrial plan for the area.

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Blackhawk is proceeding with preparation of a submittal document based on this understanding. If your understanding differs significantly from mine, please notify me within two (2) weeks in writing. Otherwise, we will assume that Blackhawk and UDOGM are in concurrence on the Willow Creek Site Reclamation Plan.

Sincerely,



J. Belviso
Environmental Engineer

cc: W. Bosworth
L. Braxton
C. Nowicki
C. Parrish

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