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State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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July 29, 2002

Michael O. Leavitt  
Governor  
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Executive Director  
Lowell P. Braxton  
Division Director

TO: Internal File  
THRU: Daron R. Haddock, Permit Supervisor *DRH*  
FROM: Joseph C. Helfrich, Sr. Reclamation Specialist/Biology *JCH*  
RE: Technical Field Visit, Reference Area Evaluation, Savage Industries Inc., Savage Coal Terminal, C/007/022

**Other Attendees:** Patrick Collins, Dan Guy, Boyd Rhodes

**Date & Time:** July 17, 2002, 9:30 AM to 3:30 PM

**PURPOSE:**

The purpose of this field visit was to address requirement # 8 of the Midterm review. On April 19, 2002, the Division approved amendment #02A-1, submitted by Savage Industries Inc. to remove topsoil and develop a 13-acre parcel for coal storage. The review of that amendment included three additional requirements that were incorporated into the Midterm Review. They were:

- 6. Climatological information
- 7. Violation history information, and
- 8. Reclamation of high water table areas. The technical analysis for this particular item indicated that the current reference area was located at a somewhat higher elevation and in a different soil type than the high water table areas. As a result, reclamation success in terms of species composition and diversity would probably be difficult to achieve. Therefore, this site visit was scheduled to evaluate the current reference area and find a suitable location for an additional area more suitable to the saltair and killpack soil types. The Permittee has also made a commitment in Section 9.3.2.5 of the MRP to re-evaluate the condition of the reference area during the 2002 growing season.

**OBSERVATIONS:**

**TECHNICAL FIELD VISIT**

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The persons in attendance toured the existing reference area, site facilities, and outlying areas within the permit boundary. The vegetation throughout the site appeared to be stressed from the recent drought.

**RECOMMENDATIONS/CONCLUSIONS:**

One additional reference site will be marked in the North West quarter of the permit area. Either Pat Collins or an employee from the NRCS will evaluate the condition of the reference area. An alternative seed mix as described in the Midterm TA will be used in the North East portion of the permit area. This area will be delineated by contour lines running diagonally from Northwest to Southeast. A request to extend the response to the Midterm review until August 16, 2002, has been submitted to the Division.

cc: All Attendees  
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