WHITE OAK MINING & CONSTRUCTION CO.,INC.
SCOFIELD ROUTE
HELPER, UTAH 84526
(801) 637-9200
Fax: (801) 448-9456

August 6, 1996

Mr. Ken Wyatt
Utah Division of Oil Gas, and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

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AUG 0 6 1996
DIV. OF OIL, GAS & MINING

Re: NOV N96-7-1-1,
Pond Survey

Dear Mr. Wyatt;

As required in the abatement provisions of NOV N96-7-1-1 a survey of Pond 003 at the loadout has been completed. This survey, like the previous, has shown that there is adequate storage volume in the pond. The volume of the pond after repairing the leak and cleaning out some material is now 57,419 ft^3 (1.3 acre-feet). Attached is an AutoCAD drawing and volume calculation for the pond. The elevation of the primary spillway is denoted by the green line. The volume of the pond was calculated for elevations below the primary spillway.

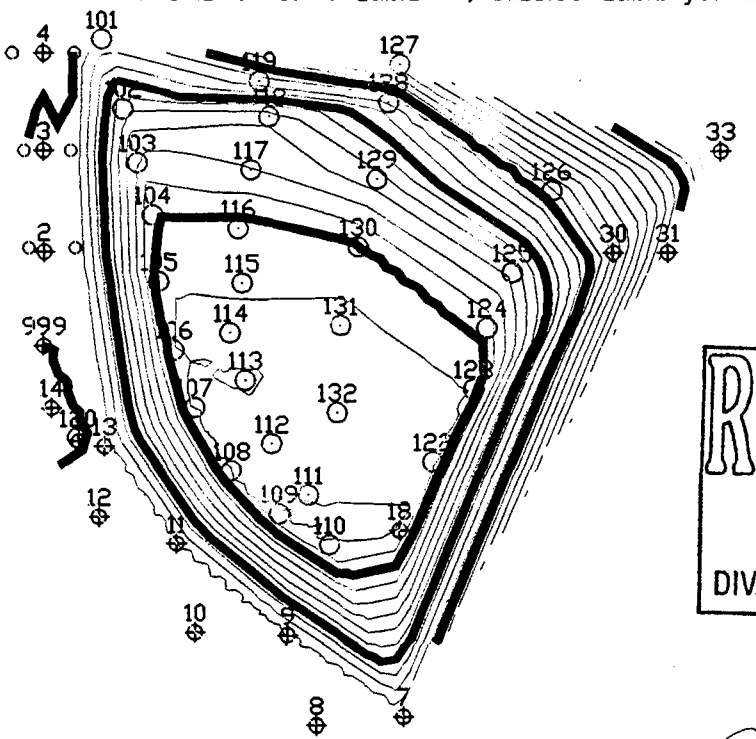
Appendix 742.221a of the MRP indicates that the pond should have a liquid volume of 0.67acre feet. Sediment storage volume for three years is 0.51 acre-feet. The current volume of 1.3 acre-feet exceeds the required minimum volume of 1.18 acre-feet.; therefore the volume of the pond is adequate.

Please contact me if you have questions or if additional information is needed.

Sincerely,

John M. Walters, PE
Colorado License 22325

Volume report
Comparing GRID file: C:/GH/SURFACE/003APOND/POSTDRED/003A_PST.GRD
Plane elevation: -4.01
Lower left grid corner : -11.42,-101.52
Upper right grid corner: 302.40,86.25
X grid resolution: 83, Y grid resolution: 50
X grid cell size: 3.78, Y grid cell size: 3.76
Total inclusion area: 11508.02 sq ft, 0.264 acres
Cut to Fill ratio: 0.00
Cut (C.Y) / Area (acres): 0.05
Fill (C.Y) / Area (acres): 8049.79
Cut volume is 0.36 cubic ft, 0.01 cubic yards
Fill volume is 57419.70 cubic ft, 2126.66 cubic yards



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LEGEND

SURVEY POINT	⊕
CONTOUR (1')	———
CONTOUR (10')	▬▬▬
PRIMARY SPILLWAY ELEV.	▬▬▬
BARRIER LINE	

WHITE OAK MINING AND CONSTRUCTION COMPANY
P.O. BOX 60 HELPER, UTAH 84526

TITLE			
003A Sediment Pond (post dredge)			
SIZE	DRAWN BY	DWG NO.	REV
A	WOMCCI Eng.	C:\GH\SURFACE\003APOND\003A_PRE.DWG	—
Scale 1"=50'	Date Aug. 6, 1996	Sheet 1 OF 1	