

0034

ACT 1007/021



**EarthFax**

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Midvale, Utah 84047  
Telephone 801-561-1555

January 16, 1990

Mr. Harold Sandbeck  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

Subject: Blazon No. 1 Mine Sedimentation Pond Inspection

Dear Harold:

An inspection of the Blazon No. 1 Mine sedimentation pond was conducted on November 16, 1989. Attached is the sedimentation pond inspection report for the fourth quarter of 1989.

Please let me know if you have any questions or need additional information.

Sincerely,

*Carol A. Bjork*

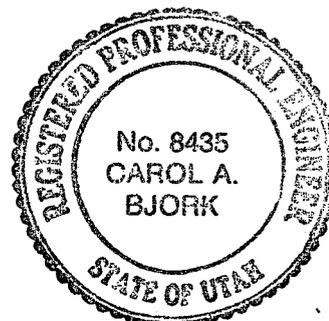
Carol A. Bjork, P.E.  
Civil Engineer

Enclosure

cc: Bill Prince (Holme, Roberts & Owen)  
Alan Smith (NAE)

**RECEIVED**  
JAN 18 1990

DIVISION OF  
OIL, GAS & MINING



*Carol A. Bjork*  
1/16/90

EARTHFAX ENGINEERING, INC.

DAM NAME: Blazon Mine Sedimentation Pond

HAZARD RATING: Low COUNTY: Carbon FOREST: Manti-LaSal

INSPECTOR'S SIGNATURE: Carol A. Bjork DATE: 11/16/89

Government personnel at Inspection: Lynn Kunzler was at the site.

Owner's Representative at Inspection: Carol Bjork

Storage Level at Time of Inspection: below 65% cleanout level

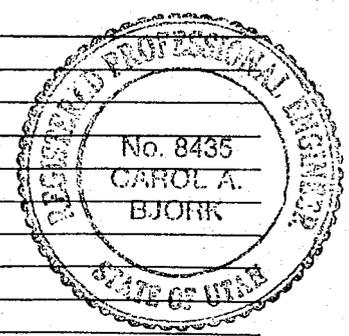
Outflow: Outlet: none Spillway: none

Weather: Cool, partly cloudy, ~ 35-40° F

Note: A [No] in the Not Applicable column means not observed due to current field conditions.

EMBANKMENT	Not Applicable	No Problem	Minor Problem	Needs Repair	Critical
Meets Design	[ ]	[✓]	[ ]	[ ]	[ ]
Settling	[ ]	[✓]	[ ]	[ ]	[ ]
Slumps/Sloughing	[ ]	[✓]	[ ]	[ ]	[ ]
Cracking	[ ]	[✓]	[ ]	[ ]	[ ]
Erosion	[ ]	[✓]	[ ]	[ ]	[ ]
Seepage	[ ]	[✓]	[ ]	[ ]	[ ]
Drains	[ ]	[✓]	[ ]	[ ]	[ ]
Riprap	[ ]	[✓]	[ ]	[ ]	[ ]
Vegetation	[ ]	[✓]	[ ]	[ ]	[ ]
Rodents	[ ]	[✓]	[ ]	[ ]	[ ]
Debris	[ ]	[✓]	[ ]	[ ]	[ ]

Comments and Photographs: No change from last inspection



Carol A. Bjork  
11/16/89

ABUTMENTS AND FOUNDATION	Not Applicable	No Problem	Minor Problem	Needs Repair	Critical
Settling	[ ]	[✓]	[ ]	[ ]	[ ]
Cracking	[ ]	[✓]	[ ]	[ ]	[ ]
Slumps	[ ]	[✓]	[ ]	[ ]	[ ]
Bulging	[ ]	[✓]	[ ]	[ ]	[ ]
Seepage	[ ]	[✓]	[ ]	[ ]	[ ]
Ponding	[ ]	[✓]	[ ]	[ ]	[ ]
Sinkholes	[ ]	[✓]	[ ]	[ ]	[ ]
Erosion	[ ]	[✓]	[ ]	[ ]	[ ]
Vegetation	[ ]	[✓]	[ ]	[ ]	[ ]

Comments and Photographs: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SPILLWAY <i>Emergency</i>	Not Applicable	No Problem	Minor Problem	Needs Repair	Critical
Meets Design	[ ]	[✓]	[ ]	[ ]	[ ]
Freeboard	[ ]	[✓]	[ ]	[ ]	[ ]
Control Operation	[✓]	[ ]	[ ]	[ ]	[ ]
Leakage					
From Spillway	[✓]	[ ]	[ ]	[ ]	[ ]
Into Spillway	[✓]	[ ]	[ ]	[ ]	[ ]
Erosion	[ ]	[✓]	[ ]	[ ]	[ ]
Siltation	[ ]	[✓]	[ ]	[ ]	[ ]
Debris	[ ]	[✓]	[ ]	[ ]	[ ]
Vegetation	[ ]	[✓]	[ ]	[ ]	[ ]
Outfall Channel	[ ]	[✓]	[ ]	[ ]	[ ]
<del>Concrete</del> Structure (grouted riprap)					
Settlement	[ ]	[✓]	[ ]	[ ]	[ ]
Cracks & Spalls	[ ]	[ ]	[✓]	[ ]	[ ]
Waterstops	[✓]	[ ]	[ ]	[ ]	[ ]
Undercutting	[ ]	[✓]	[ ]	[ ]	[ ]
Weep Holes/Drains	[✓]	[ ]	[ ]	[ ]	[ ]

Comments and Photographs: No changes since last inspection.  
Continue to monitor cracking.

\_\_\_\_\_

\_\_\_\_\_

Inlet Structure: No change. continue to monitor minor erosion  
beneath the grouted riprap.

\_\_\_\_\_

\_\_\_\_\_

RESERVOIR BASIN	Not Applicable	No Problem	Minor Problem	Needs Repair	Critical
Fractures	[ ]	[✓]	[ ]	[ ]	[ ]
Sinkholes	[ ]	[✓]	[ ]	[ ]	[ ]
Sedimentation	[ ]	[✓]	[ ]	[ ]	[ ]
Debris	[ ]	[✓]	[ ]	[ ]	[ ]
Vegetation	[ ]	[✓]	[ ]	[ ]	[ ]
Shore Stability	[ ]	[✓]	[ ]	[ ]	[ ]
Storage Gage	[ ]	[✓]	[ ]	[ ]	[ ]

Comments and Photographs: Ice in pond bottom ~2" thick.

OUTLET	Not Applicable	No Problem	Minor Problem	Needs Repair	Critical
Meets Design Controls	[ ]	[✓]	[ ]	[ ]	[ ]
Access w/ Spill Operation	[✓]	[ ]	[ ]	[ ]	[ ]
Measuring Device	[✓]	[ ]	[ ]	[ ]	[ ]
Intake					
Siltation	[ ]	[✓]	[ ]	[ ]	[ ]
Debris	[ ]	[✓]	[ ]	[ ]	[ ]
Trash Rack	[ ]	[✓]	[ ]	[ ]	[ ]
Conduit					
Displacement	[ ]	[✓]	[ ]	[ ]	[ ]
Deterioration	[ ]	[✓]	[ ]	[ ]	[ ]
Joints	[ ]	[✓]	[ ]	[ ]	[ ]
Blockage	[ ]	[✓]	[ ]	[ ]	[ ]
Leakage	[ ]	[✓]	[ ]	[ ]	[ ]
Camber	[ ]	[✓]	[ ]	[ ]	[ ]
Downstream Channel					
Pooling	[ ]	[✓]	[ ]	[ ]	[ ]
Backcutting	[ ]	[✓]	[ ]	[ ]	[ ]
Erosion	[ ]	[✓]	[ ]	[ ]	[ ]
Vegetation	[ ]	[✓]	[ ]	[ ]	[ ]
Debris	[ ]	[✓]	[ ]	[ ]	[ ]

Comments and Photographs: \_\_\_\_\_

