

**EarthFax**

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DIVISION OF
OIL, GAS & MINING

January 19, 1989

Mr. Lowell P. Braxton
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 Sediment Pond Inspection Report

Dear Mr. Braxton:

The construction of the sediment pond at the Blazon No. 1 Mine was completed last November. Attached is the sediment pond inspection report for the fourth quarter of 1988.

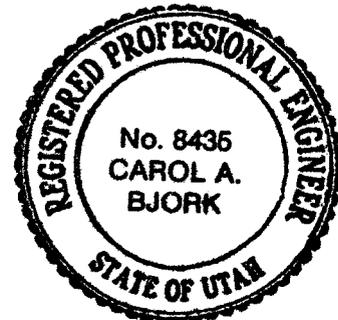
Please contact us if you have any questions.

Sincerely,

Carol A. Bjork

Carol A. Bjork, P.E.
Civil Engineer

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



Carol A. Bjork
19 Jan 1989

EARTHFAX ENGINEERING, INC.

DAM NAME: Blazon No. 1 Mine - Sediment Pond

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

INSPECTOR'S SIGNATURE: Carol A. Bjork DATE: Nov. 9, 1988

Government personnel at Inspection: Rick Summers and Randy Harden were on site but did not participate in inspection

Owner's Representative at Inspection: Carol A. Bjork, P.E. EarthFax Engineering, Inc. Midvale, Utah

Storage Level at Time of Inspection: Empty

Outflow: Outlet: None Spillway: None

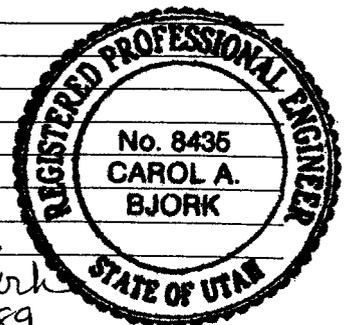
Weather: Cloudy, Light snow/Sleet, 32° F

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: _____

Pond has never been filled. Construction was completed this month.



Carol A. Bjork
19 Jan 1989

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

Comments and Photographs: _____

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

Comments and Photographs: _____

Storage gage will be installed as soon as practical in the spring of 1989.

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: _____

SKETCH - Indicate North, downstream, seeps, leaks, sinkholes etc.

NA

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