**EarthFax**

EarthFax
Engineering Inc.
Engineers/Scientists
7324 South 1300 East
Suite 100
Midvale, Utah 84047
Telephone 801-561-1555

November 21, 1990

Mr. Daron Haddock
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 NOV 90-13-3-1

Dear Daron:

On November 16, 1990 the access road cut slope at the Blazon No. 1 Mine was revegetated and fertilized in accordance with the revegetation plan submitted to your office on August 24, 1990. At the time of seeding, patches of snow existed along parts of the cut slope. These patches of snow also received seed and fertilizer. A copy of the seed mix is attached.

The surface of the cut slope was first scarified to roughen the soil and snow so the broadcasted seed and fertilizer would not slide down the steep slope. We found that additional raking of the seed into the soil as proposed in our August 24, 1990 revegetation plan only caused the soil, snow, and seed to slide to the bottom of the slope. Therefore, raking was not performed after the seed and fertilizer was broadcast.

In addition to the revegetation of the cut slope, a pond inspection for the fourth quarter of 1990 was performed. The inspection report is attached.

Please contact us if you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Carol A. Bjork".

Carol A. Bjork, P.E.
Civil Engineer

Enclosure

cc: Adam Affleck (Holme, Roberts & Owen)
Jill Hodge (NAE)

Granite Seed Company 1697 W. 2100 N.
Lehi, UT 84043

MIX #: 3601

% PURE		GERM + HARD	ORIGIN
0.53	WHITE YARROW	VNS 97.00 + 0.00	GERM
0.58	MOUNTAIN BIG SAGEBRUSH	VNS 89.00 + 0.00	UT
1.19	KENTUCKY BLUEGRASS	VNS 87.00 + 0.00	WA
3.45	ALFALFA	VERNAL 90.00 + 0.00	MN
3.45	WAX CURRANT	VNS 90.00 + 0.00	UT
5.24	WOODS ROSE	VNS 79.00 + 0.00	ID
5.28	MOUNTAIN SNOWBERRY	VNS 98.00 + 0.00	UT
6.08	YELLOW SWEETCLOVER	VNS 80.00 + 5.00	CAN
6.74	SWEET ANISE	VNS 46.00 + 0.00	UT
7.39	SERVICEBERRY	SASKATOON 98.00 + 0.00	UT
7.95	LEWIS BLUE FLAX	APPAR 65.00 + 0.00	ID
9.85	CANBY BLUEGRASS	CANBAR C 84.00 + 0.00	WA
11.73	STREAMBANK WHEATGRASS	SODAR 97.00 + 0.00	WA
12.23	SLENDER WHEATGRASS	PRYOR 93.00 + 0.00	WY
14.39	MOUNTAIN BROMEGRASS	VNS 97.00 + 0.00	WA

0.19 Other Crop

3.67 Inert Matter

0.06 Weed Seed

NET WEIGHT: 50.00 LBS. BULK
41.62 LBS. PLS

Date Tested: 01/15/90

Restricted Weed: None

% Hard Seed: 0.31

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

Lehi, UT 84043

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14.39	MOUNTAIN BROMEGRASS	VNS 97.00 + 0.00 -	WA

0.19 Other Crop

Date Tested: 01/15/90

3.67 Inert Matter

Restricted Weed: None

0.06 Weed Seed

% Hard Seed: 0.31

NET WEIGHT: 46.71 LBS. BULK

38.88 LBS. PLS

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

EARTHFAX ENGINEERING, INC.

DAM NAME: Blazon Mine Sedimentation Pond

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

INSPECTOR'S SIGNATURE: Richard B. White DATE: 16 Nov 1990

Government personnel at Inspection: None

Owner's Representative at Inspection: Rich White

Storage Level at Time of Inspection: Below sed. cleanout level

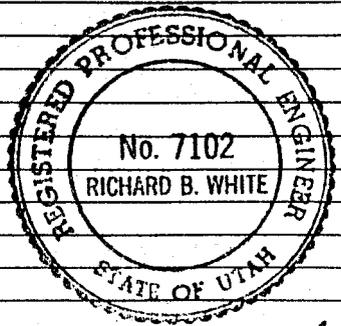
Outflow: outlet: None Spillway: None

Weather: High clouds, ≈ 45°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: _____



Richard B. White
 20 Nov 1990

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
<u>(Emergency)</u>					
Meets Design	[]	[✓]	[]	[]	[]
Freeboard	[]	[✓]	[]	[]	[]
Control Operation	[✓]	[]	[]	[]	[]
Leakage					
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: Minor cracking in grouted riprap. NO change from last inspection. No current need for repair.

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

Comments and Photographs: _____

OUTLET (Primary)	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: _____

