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INCOMING
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Canyon Fuel Company, LLC
Soldier/Dugout Canyon Mines
P.O. Box 1029
Wellington, Utah 84501

(435) 637-6360
Fax (435) 637-0109

FACSIMILE TRANSMITTAL

DATE: 9/3/03 No. Of Pages (Including Cover Sheet) 4

TO: PRISCILLA BURTON

COMPANY: UDOGM

FROM: Vicky Miller

REMARKS:

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RECEIVED
SEP 03 2003

Waste Rock Hydroseeding - Topsoil and Subsoil Stockpiles

Seed was mixed with 500 pounds (approximate) of mulch* and water and sprayed onto ground surface (approximately an acre). An additional 1500 (approximate) pounds of mulch mixed with tackifier and water was applied on top of the seed. The mulch was therefore applied at a rate of 2,000 pounds/acre (approximate). Tackifier was applied at 20 pounds (approximate) of tackifier per 1,500 pounds of mulch.

It rained on the site both Monday 9/1 and 9/2. The second storm on 9/2 was sufficient to saturate the mulch. The water from the second storm penetrated the ground surface not covered with mulch, approximately 3/8 inch.

The surface of both the topsoil and subsoil piles were broken prior to seeding.

Water was purchased in Wellington, Utah for the seeding on 9/1/03. No water was taken from surface water flow from Dugout or any other creek.

*Mulch

Ecofiber Mulch, Canadian Forest Products Ltd. (Canfor 1-800-363-8873, www.canforpfd.com): The mulch consists of 100% virgin wood fiber manufactured from green, pre-kiln dried wood.

CUSTOMER: CANYON FUEL CO.
P.O. NUMBER: 60 30-03

LOT: #16960

PURITY	MIXTURE CONTENTS	ORIGIN	GERM/HARD
32.16%	WESTERN WHEATGRASS	MONTAN	91%
27.08%	INDIAN RICEGRASS	WASHIN	97%
17.53%	SHEEP FESCUE	WASHIN	84%
9.23%	BLUE GRAMA	COLORA	90%

1.50% CROP 11.96% INERT OLDEST TEST DATE: 5/ 2
0.53% WEED NO NOXIOUS WEEDS FOUND

NET WEIGHT 50.00 LBS.

CANYON FUEL CO. 3290
DUGOUT CANYON MINE
12 MILES NORTH OF WELLINGTON
WELLINGTON, UT 84542

KIND, VARIETY: GALLETA, VIVA
LOT NO: 12696

ORIGIN: TEXAS

PURITY: 69.42%
INERT: 30.51%
CROP: 0.00%
WEEDS: 0.07%
NOXIOUS: NONE FOUND

TOTAL GERMINATION: 87%
GERM: 81%
HARD: 6%
TEST DATE: 9/ 2

* (07/09/2003)

2255

NET WEIGHT 3.00 LBS.

CANYON FUEL CO.
DUGOUT CANYON MINE
P.O. BOX 1029
WELLINGTON, UT 84542-

3290

Miller, Vicky

From: Priscilla Burton [PRISCILLABURTON@utah.gov]
Sent: Wednesday, June 25, 2003 12:42 PM
To: Miller, Vicky
Cc: Jerriann Ernsten; Pete Hess
Subject: Seeding of Dugout Refuse Pile topsoil and subsoil stockpiles

Hello Vickie,

I spoke with Jerriann concerning our telephone conversation today. She is in agreement that seeding a mix of warm and cool season species in mid-July would be a good test of the timing of seeding for final reclamation. So, please seed the topsoil pile and berms (approx. 10,000 cu yds) and subsoil pile (approx 6,000 cu yds) in mid-July in anticipation of some late summer thunderstorm activity. Due to the length of time that has elapsed between the roughening of the topsoil/subsoil/berm stockpiles and seeding, the soil will need to be roughened again before seeding.

However, since the interim seed mix has only one warm season species (blue gramma grass), we would recommend adding galleta grass, another warm season grass to the interim mix that you have already obtained.

If the interim mix applied to the topsoil pile is modified, please include that information with the As Built drawings for the Dugout Refuse site, indicating on the appropriate page in the Dugout Refuse Appendix to the MRP that the interim mix applied was as stated in Section 341.200 with the addition of galleta grass.

If you are certain by mid-July that additional refuse storage is required and additional subsoil will be removed and salvaged in August, then you could put off all seeding until the subsoil is salvaged and stockpiled, but all seeding must be completed no later than mid-October.

I also discussed testing the seeding of warm and cool season shrub species with you. However, since the shrub species in the final reclamation mix were carefully chosen at the time of permitting and since there are currently no warm season shrubs in the final mix, the test of warm vs. cold season shrub seeding time will be undertaken after more thorough discussion with the Division on disturbed land owned by Dugout adjacent to the site.

Thanks,
Priscilla.