

0020



BLACKHAWK ENGINEERING, INC.

INCOMING
C0070022

Priscilla,

Here's a copy of
the file memo and
information on the seeding
of the topsoil piles at
Savage Coal Terminal.

Please call if you have
any questions.

Thanks,
Dan

RECEIVED

SEP 18 2003

DIV. OF OIL, GAS & MINING



BLACKHAWK ENGINEERING, INC.

1056 West 2060 North - Helper, Utah 84526 - Telephone (435) 637-2422 - Fax (435) 637-2431

To: File
From: Dan Guy 
Subject: Seeding of Savage Coal Terminal Topsoil Pile
Date: September 8, 2003

The topsoil piles at Savage Coal Terminal were roughened and weed-free hay mulch incorporated at a rate of 2000 lbs./acre. Roughening was completed August 25 through August 28, 2003.

The piles were hydro-seeded using the approved seed mix and rate. Tacifier was applied at 60 lbs./acre and wood fiber mulch was applied at 2000 lbs./acre. Seeding was completed on August 29, 2003.

The total area seeded was approximately 4.5 acres. Seed tags and seeding information from the MRP are attached.



BLACKHAWK ENGINEERING, INC.

Rt. 1, Box 146-H5 - Helper, Utah 84526 - Telephone (435) 637-2422

FAX

Date: 8/12/03

of Pages: 2 + Cover

To: Kimball

Phone No. _____

Fax No. (435) 687-9721

From: Dan Stuy

Phone No. _____

Fax No. (435) 637-~~2422~~ 2431

Comment:

Here's the information for the topsoil
piles @ Savage Coal Terminal. I estimate
about 4.5 acres for the area. Please call
if you have any questions.

Thanks,
Dan

Note: Hay mulch should be weed-free.

3.5.2 Soil Removal and Storage (continued)

The topsoil stockpiles will likely be expanded to their maximum size in 2002, with the addition of soils from the track loop area east of the office. The topsoil stripped from this area will be placed between the existing storage piles and left in a roughened condition. Organic debris existing on the surface of the newly stripped area will be left in the soil when stockpiled to maintain the organic content.

Once the newly stripped soil is placed on the topsoil stockpile, 2000 pounds per acre of hay mulch will be added to the surface of all stockpiled topsoil. The surface will then be roughened using a combination of dozers with rippers and backhoes. Once the site is prepared, the entire pile will be hydroseeded using the Temporary Seed Mix described on Table 3-1. 2000 pounds per acre of wood fiber mulch and 60 pounds per acre of tacifier will also be applied to the surface with the hydro-seeding operation.

The topsoil pile will be protected by a combination of efforts, including existing berms and straw bales and revegetation as described above.

Table 3-1

TEMPORARY RECLAMATION SEED MIXTURE

LIVE SPECIES	POUND OF PURE SEED/ACRE*
SHRUBS:	
Atriplex corrugata (Mat saltbush)	2.0
Atriplex gardneri var. cuneata (Castle valley clover)	2.0
Ceratoides lanata (Winterfat)	2.0
Atriplex canescens (Fourwing saltbush)	2.0
FORBS:	
Sphaeralcea coccinea (Scarlet globemallow)	1.5
GRASSES:	
Stipa hymenoides (Indian ricegrass)	4.0
Bouteloua gracilis (Blue grama)	1.0
Elymus elymoides (Bottlebrush squirreltail)	4.0
Pseudoroegneria spicata (Bluebunch wheatgrass)	7.0
Sporobolus airoides (Alkali sacaton)	0.5
TOTAL:	31.0
* Broadcast or hydroseeded.	
Drill seed at ½ above rates.	

UTAH DEPARTMENT OF AGRICULTURE & FOOD
DIVISION OF PLANT INDUSTRY
130 NORTH REDWOOD ROAD
PO BOX 148800
SALT LAKE CITY, UT 84114-8800

2407

PHYTOSANITARY CERTIFICATE

HAY OR STRAW INSPECTION

This is to certify that the hay or straw described below has been inspected according to appropriate procedures by a duly authorized inspector of the State of Utah and found to be:

FREE FROM: NOXIOUS WEEDS REGIONAL NOXIOUS WEEDS

The hay or straw described below does not meet noxious weed certification standards for Utah.
See remarks.

DATE INSPECTED 7-25-2002 FIELD LOCATION Nephf

APPLICANT Bobby Greenhalgh FIELD NAME Greenhalgh

ADDRESS 403 East Center Street Nephf, Utah 84648 PHONE NO. (435) 623-0845

PRODUCT Alfalfa Hay NUMBER OF BALES 117

GROWN BY Same BALE TYPE LB

ADDRESS _____ COUNTY Juab

NAME AND ADDRESS OF CONSIGNEE _____

TRAILER OR TRUCK LICENSE NUMBER _____ STATE _____

CERTIFICATE IS VALID FOR 1 2 3 4 5 6 7 8 9 10 LOADS (Contract Loads only)

REMARKS OR ADDITIONAL DECLARATIONS Alfalfa Hay meets requirements of Utah Noxious Weed Free Forage Program.

Tags \$ _____

Mileage \$ 1.83

Fee \$ 25.00

Total \$ 26.83

Receipt \$ _____

From: _____ To: _____

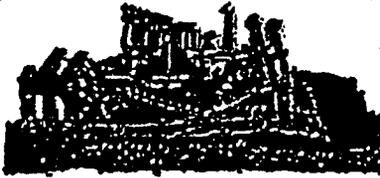
Hay Tag Numbers _____

September 5, 2002 _____

Date Issued _____ Signature of Inspector [Signature]

No liability shall attach to the Utah Department of Agriculture & Food or to any officer or representative of the Department with respect to this certificate.

- * Bale Type: SB Small Rectangular Bale
- LB Large Rectangular Bale
- LR Large Round Bale
- SR Small Round Bale



Nielson Construction

GENERAL CONTRACTORS

P.O. Box 620 • 825 North Loop Road • Huntington, Utah 84628
(436) 657-2494 • Fax (436) 687-9721

750 East Ridge Road • Price, Utah 84501
(436) 636-0303

*Castle Valley
750 East Ridge Road*

TELEFAX TRANSMISSION

TO : Bill
FAX NO: 435 462 0375
SENDER: Kimball
DATE : 8-15-03
NUMBER OF PAGES EXCLUDING COVER PAGE: 1

COMMENTS: Bill here is a copy of the
seed mix for Savage coal yard
Thanks and I will let you know
how we come out.
Kimball

*Seed
Ordered:
Verbal to Kimball
Seed \$384/ac @ 4%
1500/ac mulch*



Equal Employment Opportunity
N.O.

*Seeds
Hydro mulch
Savage loadout
8/28 - 4ac.
ordered seed for
4 1/2 ac -
Yellow Bldg - Boyd Rhodes*



8/28/03

TO. Savage Coal Industries
 c/o Boyd Rhodes.
 Ridge Rd.
 Price, Ut. 84501

Re. Soil pile reveg. project.

Desc.

- 1). Broadcast seed with specified seed mix.
 a. seed tags will be delivered
 To office
- 2). Hydro mulch with 2000 lbs/ac
 100% virgin wood fiber and 60 lbs/ac
 of guar tackifier

Thanks
 Bill Lee

Aug 15 03 08:07a Bill Lee
08/15/03 FRI 08:52 FAX 1 435 462 0375
08/12/03 TUE 11:52 FAX 625 837 2432

NIELSON CONSTRUCTION
Blackhawk Engineering

435-462-0375

p. 1
0002
0003

Swage loadout soil pile

Mining and Reclamation Plan
Cade Valley Spur Processing and Loadout Facility Permit Application

Table 3-1

TEMPORARY RECLAMATION SEED MIXTURE

LIVE SPECIES	POUND OF PURE SEED/ACRE*
SHRUBS:	
Atriplex corrugata (Mat saltbush)	2.0
Atriplex gardneri var. cuneata (Castle valley clover)	2.0
Cercocarpus lanata (Wimartat)	2.0
Atriplex canescens (Fourwing saltbush)	2.0
FORBS:	
Sphaeralcea coccinea (Scarlet globemallow)	1.6
GRASSES:	
Stipa hymenoides (Indian ricegrass)	4.0
Bouteloua gracilis (Blue grama)	1.0
Elymus elymoides (Bottlebrush squarreltail)	4.0
Pseudoroegneria spicata (Bluebunch wheatgrass)	7.0
Sporobolus airoides (Alkali sacaton)	0.5
TOTAL:	31.0
* Broadcast or hydroseeded.	
Drill seed at 1/2 above rates.	

Post-It® Fax Note	7671	Date	# of pages
To	Mary S.	From	Bill Lee
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	435 462 0375

bid
4 1/2 ac.
Jull 2003

CUSTOMER: BILL LEE, SKYLINE RECLAMATION LOT: 17273

MIXTURE NAME: TEMPORARY RECLAMATION

PURITY	MIXTURE CONTENTS	ORIGIN CERN, HARB
21.78%	BLUEBUNCH WHEATRASS	WASHIN 86%
12.74%	BOTTLEBRUSH SQUIRRELTAIL	WASHIN 84%
11.04%	NESPAR INDIAN RICEGRASS	WASHIN 97%
10.70%	MATT SALTBUSH	UTAH 50%
10.49%	FOURWING SALTBUSH	UTAH 51%
7.65%	WINTERFAT	UTAH 70%
5.76%	CASTLE VALLEY CLOVER	WASHIN 90% + 3%
5.02%	SCARLET GLOBE MALLOW	UTAH 80%
2.97%	BLUE GRAMA	COLORA 90%
1.47%	ALKALI SACATON	KANSAS 65% + 26%

0.21% CROP 10.03% INERT OLDEST TEST DATE: 10/02
0.14% WEED NO NOXIOUS WEEDS FOUND

Part 1 of 2

lot number 17273 continued

NET WEIGHT 50.00 LBS.

BILL LEE, SKYLINE RECLAMATION 269
SPUR RANCH
RRI, BOX 275
FAIRVIEW, UT 84629-

Part 2 of 2