

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/032

DATE OF INSPECTION: August 12, 1992

(Comments are Numbered to Correspond with Topics Listed Above)

3. Topsoil

The previous inspection report noted that additional straw bales or a silt fence would be required to separate road material from the topsoil piles. These areas were inspected, and Mr. Johnson stated that new straw bales and a silt fence had been placed between the stockpiles and the road.

4. Hydrologic Balance

b. Diversions

The ditch along the road to the mine portal which the previous inspection report noted would require grading was inspected visually, i.e. not measured.

c. Sediment Ponds and Impoundments

The inspection report for July stated that there was some minor erosion at the inlet to the pond and that the Operator was going to add additional riprap and cement for bonding. The inlet to the sediment pond was inspected. Mr. Johnson stated that the work which the previous inspector described had been performed.

13. Revegetation

The plan states that contemporaneously reclaimed areas which report to the sediment pond will achieve 80% cover. Three areas were measured using a ten-point pin frame to determine if they meet this requirement.

The road to the old magazine bench and formerly-proposed substation had water bars constructed on it and was seeded last fall. Only three places (3 X 10 points) were measured in this area, and cover (vegetation and litter) was 30%, rock and bare was 70%. As a general observation, however, I felt that there are enough perennial plants, mostly seedlings, that the amount of cover will increase substantially next year and that supplemental seeding need not be done this fall. This area should be measured again next year.

22 samples of 10 points each were taken in an area between the magazine bench and the road to the portals. This area had 78.6% cover consisting of 56.4% vegetation and 22.2% litter. Although some kochia and houndstongue were seen in the area, none were encountered in the sampling. This contrasts with last year there was 18.5% cover from annual and biennial forbs. All of the vegetation encountered this year was perennial grasses. Although the amount of cover is below 80%, sampling error could account for the difference and the cover has achieved 80% with 95% confidence. There were signs of elk use of the area.

The final area measured was between the portal road and the truck turnaround. This area was not measured in 1991. 10 places were sampled with 10 points each. Cover from vegetation was 38%, and cover from litter was 45% for a total of 83%. As with the previous area, all of the vegetative cover was from perennial grasses.

About 10-15 musk thistle plants were found near the mine site. This plant is a state-declared noxious weed which has become a nearly uncontrollable problem at some mines. Mr. Johnson and Mr. Burnsides were shown the weeds and the difference between this thistle and other

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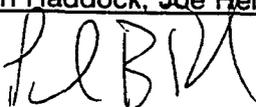
(Comments are Numbered to Correspond with Topics Listed Above)

thistles, and they were advised to dig them up. Failure to do so could result in topsoil or substitute topsoil contamination by the seeds of this plant.

Copy of this Report:

Mailed to: Jay Marshall (Genwal), Bernie Freeman (OSM)

Given to: Daron Haddock, Joe Helfrich (DOGM)

Inspector's Signature: 

Paul B. Baker #41 Date: August 25, 1992



ENVIRONMENTAL INDUSTRIAL SERVICES

4855 N. Spring Glen Rd., Spring Glen, UT 84526 - Telephone (801) 472-3814 - FAX (801) 472-8780

February 23, 1993

Mr. Larry Johnson
Genwal Coal Co.
195 N. 100 W. P.O. Box 1201
Huntington, Utah 84528

Dear Mr. Johnson:

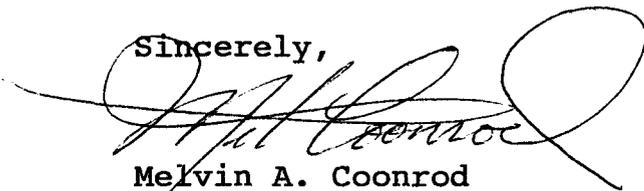
As per your request; On November 11, 1992, contemporaneous reclamation was implemented on the following areas:

1. Newly scarified portion of the sediment pond embankment that was partially disturbed during pond cleaning.
2. The high wall areas adjacent to the USFS parking and turn around area at the road termination point, and,
3. A portion of the old substation road that appeared to need additional seeding to supplement earlier revegetation efforts.

The methodology was to combine the contemporaneous seed in combination with 500 pounds per acre wood fiber mulch and 40 pounds per acre Terra Tac AR and hydroseed all of the disturbed areas. This application was then oversprayed with 1,500 pounds per acre wood fiber mulch in combination with 60 pounds per acre Terra Tac AR. The total material utilized was 3 ton mulch, 300 pounds tac and approximately 3 acres contemporaneous seed mix.

E.I.S. appreciates the opportunity to assist Genwal Coal in their revegetation efforts and look forward to future work.

Sincerely,



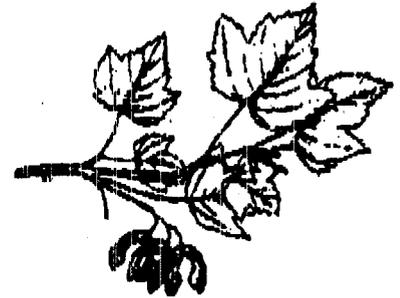
Melvin A. Coonrod
V.P. E.I.S.

MC/njc

Maple Leaf Ind., Inc.

SEED DIVISION

480 South 50 East
Ephraim, Utah 84027
801-283-4701
Utah Toll Free 1-800-287-3182
FAX 801-283-8872



This is to certify that all lots of seed and varieties used in the mix described below, were tested by an authorized seed lab as prescribed in the Federal Seed Act and the Utah state Seed Laws.

Date: 10 November 1992

Customer: EIS, MEL COONROD

Invoice No.: 8994

Job Name or Number: GENWAL COAL CO. MIX

P.O. Number: MEL

Variety & Type:

SLENDER WHEATGRASS

WESTERN WHEATGRASS

BROMAR MOUNT BROMIGRASS

GREAT BASIN WILDRYE

YELLOW BLOSSOM SWEET CLOVER

Lot Number:

56-389

W-9-119

1110

Mc92

1364

Purity/Germ:

95.00/80

92.44/84

93.11/85

95.18/83

99.16/93

Sincerely,

S. Lloyd Stevens

Maple Leaf Industries, Inc. warrants to the intent of the purchase price that seeds sold are as described on the container, within recognized tolerances. We give no other or further warranty, express or implied.

IRRIGATION SCHEDULE

DATE	AMOUNT	SOURCE	INITIALS
10-14-91	none		S.B.
10-25-91	Trace.	Snow	S.B.
10-28-91	Trace.	Snow	S.B.
11-11-91	3 inches	Snow	S.B.
11-18-91	4 inches	Snow	S.B.
12-2-91	Trace.	Snow	S.B.
12-7-91	1/2 inch	Snow	S.B.
12-15-91	Trace	Snow	S.B.
12-19-91	1/2 inches	Snow	S.B.
12-30-91	Trace	Snow	S.B.
1-2-92	Trace	Snow	S.B.
1-3-92	2"	Snow	S.B.
1-6-92	4"	Snow	S.B.
1-11-92	Trace	Snow	S.B.
1-11-92 TO 2-4-92	no moisture		S.B.
2-10-92	1.0"	Snow	S.B.
2-11-92	4 1/2"	Snow	S.B.
2-13-92	3"	Snow	S.B.
2-14-92	Trace.	Snow	S.B.
2-15-16-92	8"	Snow	S.B.
3-3-92	4"	Snow	S.B.
3-8-92	3"	Snow	S.B.
3-17-92	1"	Snow	S.B.
3-23-92	4"	Snow	S.B.
3-28 TO 4-6-92	no moisture		S.B.
4-13-92	no moisture		S.B.
4-21-92	0.1	Rain	S.B.
4-27-92	no moisture		S.B.
5-4-92	no moisture		S.B.
5-6-92	0.1	Rain	S.B.
5-7-92	0.4	Rain	S.B.
5-9-92	0.4	Rain	S.B.
5-11-92	0.3	Rain	S.B.
5-19-92	0.45	Rain	S.B.
5-20-92	0.5	Rain	S.B.
5-22-92	0.2	Rain	S.B.
5-26-92	0.7	Rain	S.B.
5-28-92	0.1	Rain	S.B.
6-7-92	0.1	Rain	S.B.
6-9-92	0.1	Rain	S.B.
6-10-92	Trace.	Rain	S.B.
6-11-92	0.2	Rain	S.B.
6-14-92	Trace	Rain	S.B.
6-21-92	Trace	Rain	S.B.
7-12-92	0.10	Rain	S.B.
7-15-92	Trace	Rain	S.B.
7-19-92	Trace	Rain	S.B.
7-24-92	Trace	Rain	S.B.
8-6-92	0.4	Rain	S.B.
8-21-92	Trace	Rain	S.B.
8-24-92	Trace	Rain	S.B.

