

11-16-87

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INSPECTION REPORT

INSPECTION DATE & TIME: Oct. 29, 1987
10:30 am to 1:30 pm

Permittee and/or Operators Name: North American Equities (NAE)(415)866-7186
 Business Address: 316 Crow Canyon Road, Suite 210, San Ramon, CA 94583
 Mine Name: Blazon #1 Mine Permit Number: INA/007/021
 Type of Mining Activity: Underground Surface Other
 County: Carbon
 Company Official(s): Mel Coonrod - Operator representative
 State Official(s): Rick Summers, Randy Harden
 Partial: X Complete: Date of Last Inspection: 9/21/87
 Weather Conditions: partial cloudy, cool, slight drizzle (pm)
 Acreage: Permitted 320 Disturbed 1.5 Regraded Seeded Bonded 1.5
 Enforcement Action: none

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	()	()	()	()
3. TOPSOIL	()	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	()	()	()	()
b. DIVERSIONS	()	()	()	()
c. SEDIMENT PONDS AND IMPOUNDMENTS	()	()	()	()
d. OTHER SEDIMENT CONTROL MEASURES	()	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	(X)
7. COAL PROCESSING WASTE	()	()	()	()
8. NONCOAL WASTE	()	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	()	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	()	()
11. CONTEMPORANEOUS RECLAMATION	()	()	()	()
12. BACKFILLING AND GRADING	()	()	()	()
13. REVEGETATION	()	()	()	()
14. SUBSIDENCE CONTROL	()	()	()	()
15. CESSATION OF OPERATIONS	()	()	()	()
16. ROADS				
a. CONSTRUCTION	()	()	()	()
b. DRAINAGE CONTROLS	(X)	()	()	(X)
c. SURFACING	()	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	()	()	(X)	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	()	()	()	()

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PERMIT NUMBER: INA/007/021

DATE OF INSPECTION Oct. 21, 1987

(Comments are Numbered to Correspond with Topics Listed Above)

1a. Permits

The operator has provided adequate documentation of insurance to the Division. Therefore, N87-15-4-2 was terminated on 10/30/87. The operator had a copy of the reclamation plan (2 vols.) onsite for reference.

4e. SURFACE AND GROUNDWATER MONITORING

The operator is aware of the permit requirement to monitor Mud Creek weekly during reclamation activities (TSS, TDS, SS). Mr. Coonrod informed me that the samples for the first week had been taken and were sent to the lab.

6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL

The operator has begun reclamation of the site. Activities were initiated on October 26, 1987. The operator had mobilized a track mounted excavator, a dump truck and a rubber tired backhoe and was proceeding with removal of waste from Little Synder Drainage and placement on the portal bench. The option of adding CaCO₃ to the spoil in 2 ft. lifts was discussed with Mr. Coonrod. Placement of spoil was suspended until lime was brought to the site (it is assumed this occurred that afternoon or early the following morning). The operator had regraded the access road near culvert C to remove some small rills that had developed. During a site visit on 11/2/87, I observed that no activities were ongoing at the site.

16b. ROADS: DRAINAGE CONTROLS

It was observed during this inspection that the access road on the west side of the disturbed area had two culverts providing relief drainage. The permit states that three culverts exist. The applicant must correct this discrepancy with a modification submittal. The two existing culverts currently do not have adequate headwall erosion protection for final abandonment of the site. Mr. Coonrod was informed that the headwalls would need to be protected or, as an alternative, material removed to bedrock for these culverts to insure compliance with the rules (UMC 784.24 (d)) and 817.163(c)(2)(vi).

Copy of this Report:

Mailed to: John Kathmann, Alan Smith (N.A.E.), Mel Coonrod

Given to: NOV File, Sue Linner, Joe Helfrich

Inspectors Signature and Number: Rick Summers #15 Date: 11/6/87

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PERMIT NUMBER: INA/007/021

DATE OF INSPECTION Sept. 21, 1987

(Comments are Numbered to Correspond with Topics Listed Above)

It was also observed that approximately 700 ft. of access road drainage from the gate to the first culvert near Mud Creek culvert C is currently directed towards the entrance gate without cross drains or culverts. A modification to the permit must be submitted to correct this problem. During the inspection, several measurements of drainage slopes were taken using a hand-held clinometer. Discrepancies with the permit are listed as follows:

	Measured	Permit
Access road upper	5%	3.5%
Access road lower	7%	3.5%
Transformer road-lower	15%	8.3%

Although these were not surveyed slopes, it indicates that the permit road drainage designs may have to be modified to reflect stable designs for these diversions. The Division will calculate the magnitude of difference in the channel size and lining measures and notify the operator if modifications to the permit will be required.

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