0019

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

PERMIT NO.: ACT/007/019
Inspection Date: 3/26/91

Permittee and/or Operators Name: Andalex Resources, Inc.
Business Address: P.O. Box 902
City: Price State: Utah Zip: 84501
Mine Name: Centennial Project
County: Carbon State: Utah
Type of Mining Activity: Underground XX Surface ____ Other ____
Company Official (s): Mike Glasson
State Officials (s): Stephen J. Demzack
Time of Inspection: 10:00 (X)a.m. ( )p.m. to 12:01 ( )a.m. (X)p.m.
Partial XX Complete: ____ Date of Last Inspection: 2/27/91
Weather Conditions: Cool
Acreage: Permitted 3368 Disturbed 34 Regraded ____ Seeded ____
Bonded 34 Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

		YES	NO	N/A	COMMENTS
1.	PERMITS	( )	( )	( )	( )
2.	SIGNS AND MARKERS	(X)	( )	( )	(X)
3.	TOPSOIL	( )	( )	( )	( )
4.	HYDROLOGIC BALANCE:				
	a. STREAM CHANNEL DIVERSIONS	(X)	( )	( )	(X)
	b. DIVERSIONS	(X)	( )	( )	( )
	c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	( )	( )	(X)
	d. OTHER SEDIMENT CONTROL MEASURES	(X)	( )	( )	( )
	e. SURFACE AND GROUNDWATER MONITORING	( )	( )	( )	( )
	f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5.	EXPLOSIVES	( )	( )	( )	( )
6.	DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	( )	( )	( )	( )
7.	COAL PROCESSING WASTE	( )	( )	( )	( )
8.	NONCOAL WASTE	(X)	( )	( )	( )
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	( )	( )	( )	( )
17.	OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18.	SUPPORT FACILITIES UTILITY INSTALLATIONS	( )	( )	( )	( )

INSPECTION REPORT COMMENTS
(continuation sheet)

PERMIT NO. ACT/007/019 INSPECTION DATE March 26, 1991

(Comments are Numbered to Correspond with Topics Listed Above)

2. SIGNS AND MARKERS:

Both signs and markers were visible and installed adequately at the time of the inspection.

4. HYDROLOGIC BALANCE:

a. Stream Channel Diversions:

The stream channels were clear from obstructions. Clear water diversions were not flowing.

c. Sediment Ponds and Impoundments:

Pond and impoundments were checked during inspection and no flow was noted. Small amounts of water were in the ponds.

16. ROAD DRAINAGE CONTROLS:

Road drainage was performing well with ditches on both sides of the road.

Copy of report:

Mailed to: Andalex Resources, Inc.
Mailed to SLC for: Brian Smith (OSM) Joe Helfrich (DOGM)
Filed to: PFO

Inspectors Signature and Number: Stephen J. Demczak #39
Date: 3/26/91

operations in that area and, upon construction, will be certified by a qualified registered professional engineer to be constructed as designed and as approved in the reclamation plan.

742.213. Any siltation structures which impounds water will be designed, constructed and maintained in accordance with R614-301-512.240, R614-301-514.300, R614-301-515.200, R614-301-533.100 through R614-301-533.600, R614-301-733.220 through R614-301-733.224, and R614-301-743.

742.214. For the purposes of UNDERGROUND COAL MINING AND RECLAMATION ACTIVITIES, any point-source discharge of water from underground workings to surface waters which does not meet the effluent limitations of R614-301-751 will be passed through a siltation structure before leaving the permit area.

742.220. Sedimentation Ponds.

742.221. Sedimentation ponds, when used, will:

742.221.1. Be used individually or in series;

742.221.2. Be located as near as possible to the disturbed area and out of perennial streams unless approved by the Division; and

742.221.3. Be designed, constructed, and maintained to:

742.221.31. Provide adequate sediment storage volume;

742.221.32. Provide adequate detention time to allow the effluent from the ponds to meet Utah and federal effluent limitations;

742.221.33. Contain or treat the 10-year, 24-hour precipitation event ("design event") unless a lesser design event is approved by the Division based on terrain, climate, or other site-specific conditions and on a demonstration by the operator that the effluent limitations of R614-301-751 will be met;

742.221.34. Provide a nonclogging dewatering device adequate to maintain the detention time required under R614-301-742.221.32.

742.221.35. Minimize, to the extent possible, short circuiting;

742.221.36. Provide periodic sediment removal sufficient to maintain adequate volume for the design event;

742.221.37. Ensure against excessive settlement;

742.221.38. Be free of sod, large roots, frozen soil, and acid- or toxic forming coal-processing waste; and

742.221.39. Be compacted properly.

742.222. Sedimentation ponds meeting the size or other qualifying criteria of the MSHA, 30 CFR 77.216(a) will comply with all the requirements of that section, and will have principal and emergency spillways that in combination will safely pass a 100-year, 6-hour precipitation event.

742.223. Sedimentation ponds not meeting the size or other qualifying criteria of the MSHA, 30 CFR 77.216(a) will provide a combination of principal and emergency spillways that will safely discharge a 25-year, 6-hour precipitation event. Such ponds may use a single spillway if the spillway is:

742.223.1. An open channel of nonerodible construction and capable of maintaining sustained flows; and

742.223.2. Not earth- or grass-lined.

742.230. Other Treatment Facilities.

742.231. Other treatment facilities will be designed to treat the 10-year, 24-hour precipitation event unless a lesser design event is approved by the Division based on terrain, climate, other site-specific conditions and a demonstration by the operator that the effluent limitations of R614-301-751 will be met.

742.232. Other treatment facilities will be designed in accordance with the applicable requirements of R614-301-742.220.

742.240. Exemptions. Exemptions to the requirements of R614-301-742.200 and R614-301-763 may be granted if the disturbed drainage area within the total disturbed area is small and the operator demonstrates that siltation structures and alternate sediment control measures are not necessary for drainage from the disturbed areas to meet the effluent limitations under R614-301-751 or the applicable Utah and federal water quality standards for the receiving waters.

742.300. Diversions.

742.310. General Requirements.

742.311. With the approval of the Division, any flow from mined areas abandoned before May 3, 1978, and any flow from undisturbed areas or reclaimed areas, after meeting the criteria of R614-301-356.300, R614-301-356.400, R614-301-513.200, R614-301-742.200 through R614-301-742.240, and R614-301-763 for siltation structure removal, may be diverted from disturbed areas by means of temporary or permanent diversions. All diversions will be designed to minimize adverse impacts to the hydrologic balance within the permit and adjacent areas, to prevent material damage outside the permit area and to assure the safety of the public. Diversions will not be used to divert water into underground mines without approval of the Division in accordance with R614-301-731.510.

742.312. The diversion and its appurtenant structures will be designed, located, constructed, maintained and used to:

742.312.1. Be stable;