0020

Document Information Form

Mine Number: C/007/019

File Name: Internal

To: DOGM

From:

Person N/A

Company UNITED STATES DEPARTMENT OF THE INTERIOR.

Date Sent: N/A

Explanation:

MINE SITE EVALUATION INSPECTION REPORT

cc:

File in:
C/ 007, 019, Internal
Refer to:
- ☐ **Confidential**
- ☐ **Shelf**
- ☐ **Expandable**

Date _____ For additional information

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

For Office Use Only

1a (Y Y M M) 1b (Batch) 1c (Report)

2. Name of Permittee: Andalex Resources
3. Street Address: P.O. Box 902
4. City: Price
5. State: UT
6. Zip Code: 84501
7. Area Code: 801
8. Telephone Number: 637-
9. MSHA Number: 42-01434-
10. Date of Inspection (Y Y M M D D): 900329
11. State Permit Number: ACT/007/019
12. Name of Mine: Centennial
13. County Code: 007
14. State Code: UT
15. Strata
16. State Area Office
17. OSM Field Office No.
18. OSM Area Office No.
19. OSM Sample No.: 009E
20. Type of Inspection (Code): C
21. Joint Inspection: Yes [X] No [ ]
22. Inspector's ID No.: 107

23. Status

A	01	Type of Permit
B	4	Mine Status (Code)
C	2	Type of Facility (Code)
D	2360.0	Number of Permitted Acres
E	34.2	Number of Disturbed Acres

24. Type of Activity (check applicable boxes).

A	[ ]	Steep Slope	E	[ ]	Anthracite
B	[ ]	Mountain Top Removal	F	[X]	Federal Lands
C	[ ]	Prime Farmlands	G	[ ]	Indian Lands
D	[ ]	Alluvial Valley Floors	H	[ ]	Other

25. Performance Standards (Codes)

Instructions: Indicate compliance code. For any standard marked 2 or 3 provide narrative to support this determination.

Standards That Limit the Effects to the Perm

Quality and Timeliness

A	1	Distance Prohibitions
B	1	Mining Within Permit Boundaries
C	1	Signs and Markers
D	2	Sediment Control Measures
E	1	Design and Certification Requirem Sediment Control
F	2	Effluent Limits TDN (3)
G	1	Surface Water Monitoring
H	1	Ground Water Monitoring
I	1	Blasting Procedures
J	1	Haul/Access Road Design and Maintenance
K	1	Refuse Impoundments
L	2	Other: Specify TDN (4) 771.19

File in:
Refer to Record No 0020 Date
In C/ 007 , 019 , Internal
For additional information

chedule
nts
c Materials

S	1	Highwall Elimination
T	1	Downslope Spoil Disposal
U	1	Post Mining Land Use
V	1	Cessation of Operations: Temporary
W	2	Other Bonding TDN 90-02-107-4 (1) 800.11

United States Department of the Interior
Office of Surface Mining
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2. Name of Permittee: Andalex Resources
3. Street Address: P.O. Box 902
4. City: Price
5. State: UT
6. Zip Code: 84501
7. Area Code: 801
8. Telephone Number: 637-
9. MSHA Number: 42-01474-
10. Date of Inspection (Y Y M M D D): 900329
11. State Permit Number: ACT/007/019
12. Name of Mine: Centennial
13. County Code: 007
14. State Code: UT
15. Strata
16. State Area Office
17. OSM Field Office No.
18. OSM Area Office No.
19. OSM Sample No.: 0092
20. Type of Inspection (Code): C
21. Joint Inspection: Yes X No
22. Inspector's ID No.: 107

23. Status

A	01	Type of Permit
B	4	Mine Status (Code)
C	2	Type of Facility (Code)
D	2360.0	Number of Permitted Acres
E	34.2	Number of Disturbed Acres

24. Type of Activity (check applicable boxes)

A		Steep Slope	E		Anthracite
B		Mountain Top Removal	F	X	Federal Lands
C		Prime Farmlands	G		Indian Lands
D		Alluvial Valley Floors	H		Other

25. Performance Standards (Codes)

Instructions: Indicate compliance code. For any standard marked 2 or 3 provide narrative to support this determination.

Standards That Limit the Effects to the Permit Area

A	1	Distance Prohibitions
B	1	Mining Within Permit Boundaries
C	1	Signs and Markers
D	2	Sediment Control Measures TDN (2) 817.42 TDN (5) 817.43(c)
E	1	Design and Certification Requirements—Sediment Control
F	2	Effluent Limits TDN (3) 817.45
G	1	Surface Water Monitoring
H	1	Ground Water Monitoring
I	1	Blasting Procedures
J	1	Haul/Access Road Design and Maintenance
K	1	Refuse Impoundments
L	2	Other: Specify TDN (4) 771.19

Standards That Assure Reclamation Quality and Timeliness

M	1	Topsoil Handling
N	1	Backfilling and Grading
O	1	Following Reclamation Schedule
P	1	Revegetation Requirements
Q	1	Disposal of Excess Spoil
R	1	Handling of Acid or Toxic Materials
S	1	Highwall Elimination
T	1	Downslope Spoil Disposal
U	1	Post Mining Land Use
V	1	Cessation of Operations: Temporary
W	2	Other Bonding TDN 90-02-107-4 (1) 800.11

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

26. State Permit Number ACT 0071/019

27. Date of Inspection (Y Y M M D D) 900329

28. Yes ☐ No ☐ Do mining and reclamation activities on the site comply with the plans in the permit? If no, provide narrative to support this determination.

29. Indicate number of complete and partial inspections conducted by the State to date for this annual review period:

29a. 03 Number of Completes 29b. 14 Number of Partials

30. Indicate number of complete and partial inspections required by the State during this annual review period:

30a. 02 Number of Completes 30b. 15 Number of Partials

31. Has inspection frequency been met?

31a. Yes [X] No [ ] Completes 31b. Yes [ ] No [X] Partials

32. FEDERAL ENFORCEMENT INFORMATION. [Enter violation number. Check appropriate box(es)]

	Ten-Day Notice No.	Notice of Violation No.	Cessation Order No.	Violation Codes
	90-02-197-4	- - -	- - -	
A				Authorizations to Operate
B				Signs and Markers
C				Backfilling and Grading
D				Highwall Elimination
E				Rills and Gullies
F				Improper Fills
G				Topsoil Handling
H	X Parts 2+5			Sediment Ponds
I	X Part 3			Effluent Limits
J				Water Monitoring
K				Buffer Zones
L				Roads
M				Dams
N				Blasting
O				Revegetation
P				Spoil on the Downslope
Q				Mining Without Permit
R				Exceeding Permit Limits
S				Distance Prohibitions
T				Toxic Materials
U	X Parts 1+4			Other Violations

33. Name of Authorized Representative *(print or type)* Rude H. Orell

Signature of Authorized Representative Rude H. Orell — Date 4-4-90

Signature of Reviewing Official John C. Rathmann — Date 4/5/90

08 0
08 0
10 0
04 0

Mine File

B.L. 4-9-90

UNITED STATES DEPARTMENT OF THE INTERIOR
Office of Surface Mining
Reclamation and Enforcement

TEN-DAY NOTICE

Originating Office: Albuquerque Field Office
625 Silver SW
Suite 310, Alb. NM 87102

Number: X - 90 - 02 - 107 - 4 TV 5

Telephone Number: 505-766-1486

Ten-Day Notice to the State of Utah, Division of Oil, Gas and Mining

You are notified that, as a result of a Federal oversight inspection (e.g. a federal inspection, citizen information, etc.) the Secretary has reason to believe that the person described below is in violation of the Act or a permit condition required by the Act. If the State Regulatory Authority fails within ten days after receipt of this notice to take appropriate action to cause the violation(s) described herein to be corrected, or to show cause for such failure and transmit notice of your action to the Secretary through the originating office designated above, then a Federal inspection of the surface coal mining operation at which the alleged violation(s) is occurring will be conducted and appropriate enforcement action as required by Section 521(a)(1) of the Act will be taken.

Permittee: Andalex Resources Inc. (Or Operator if No Permit)
County: Carbon
Mailing Address: P.O. Box 902, Price Utah 84501
Permit Number: 007/019
Mine Name: Centennial

☐ Surface
☒ Underground
☐ Other

(1) NATURE OF VIOLATION AND LOCATION: Requirement to File A Bond - Operator shall not disturb any surface areas or extend any underground shafts ..... prior to the acceptance by the Division of the required performance bond. *

Section of State Law, Regulation or Permit Condition believed to have been violated: UMC 800.11 A-D

(2) NATURE OF VIOLATION AND LOCATION: Failure to pass all surface drainage from the disturbed area through a sedimentation pond ..... before leaving the permit area. Location: Meterological station and outslope + substation

Section of State Law, Regulation or Permit Condition believed to have been violated: UMC 817.42

(3) NATURE OF VIOLATION AND LOCATION: Failure to prevent .... additional contributions of sediment to streamflow or runoff outside the permit area. Location: Coals fines in undisturbed division UD-1.

Section of State Law, Regulation or Permit Condition believed to have been violated: UMC 817.45

Remarks or Recommendations: *Part c Listed above, + Location: Centennial Mine

Date of Notice:

Signature of Authorized Rep.: [signature]

Print Name and ID: Randy H. Orrell #107

cert receipt# P965 798831

Distribution: Original-State's Copy, Blue-Field Office, Yellow-Inspector's Copy, Pink-Regional Office

IE-160 (3/81)

UNITED STATES DEPARTMENT OF THE INTERIOR
Office of Surface Mining
Reclamation and Enforcement
TEN-DAY NOTICE
(Continuation Sheet)

Number X- 90 - 02 - 107 - 4 TV 5

Originating Office:
Albuquerque Field Office
625 Silver SW Suite 310
Albuquerque NM 87102
Telephone Number: 505-766-1486

Ten-Day Notice to the State of Utah, Division of Oil, Gas & Mining

(4) NATURE OF VIOLATION AND LOCATION: Failure to conduct surface coal mining & reclamation activities in accordance with the term and conditions of the approved permit.

Location: Rip Rap channel at the Apex Mine Truck Loadout Pad

Section of State Law, Regulation or Permit Condition believed to have been violated: UMC 771.19

(5) NATURE OF VIOLATION AND LOCATION: Failure to design diversions/culverts. The unnamed culvert that discharges to sediment pond C; the culvert is located in the haulroad fill

Section of State Law, Regulation or Permit Condition believed to have been violated: UMC 817.43(c) UMC 817.153(c)

NATURE OF VIOLATION AND LOCATION:

Section of State Law, Regulation or Permit Condition believed to have been violated:

NATURE OF VIOLATION AND LOCATION:

Section of State Law, Regulation or Permit Condition believed to have been violated:

NATURE OF VIOLATION AND LOCATION:

Section of State Law, Regulation or Permit Condition believed to have been violated:

Remarks or Recommendations:

Date of Notice:

Cert receipt # P965 798831

Signature of Authorized Rep: Robert H. Orell
Print Name and ID: Robert H. Orell #107

Distribution: Original - State's Copy, Blue - Field Copy, Yellow - Inspector's Copy

IE 160A (1/83)

Andalex Resources, Inc.
P.O. Box 902
Price, Utah 84501

Centennial Mine
Utah Permit #007/019

Random Sample Oversight Inspection
March 28-29, 1990

Participants:

Rade H. Orell, Office of Surface Mining Albuqueuque Field Office (AFO), Harold Sandbeck, Utah Division of Oil, Gas and Mining (DOGM), Jean Semborski, Andalex Resources, Inc. (operator's representative)

Mine Site Evaluation Inspection Report:

The Mine Site Evaluation Insepction Report form has been completed to reflect the random sample inspection (RSI). The number 2 is at performance standard codes D, Sediment Control Measures; F, Effluent Limits; L, Other(compliance with approved permit) and W, Other(bonding) to indicate the issunace of Ten-Day Notice 90-02-107-4(1-5). Each part of the TDN is explained below.

Introduction:

On March 28 and 29, 1990 I conducted a random sample inspection of the Centennial Mine in Utah. The inspection commenced at the mine office where we met the operator's representative. I provided my credentials to the representative. The inspection commenced with the records review followed by the field inspection. The weather was cold and with intermittent snow. Ground conditions were wet. A Ricoh 35 MM camera was used to photograph areas of interest.

Inspection Results:

The inspection indicated numerous problems. Upon my return to AFO I talked with Daron Haddock, with DOGM, on two occassions on April 4, 1990. The problems including the results of my discussions with Daron are listed below.

1. Permit - The legal description described in the May 4, 1989 permit issued by DOGM does not appear to include the south end of sediment pond E. The permit boundary is properly marked in the field. The maps in the mining and reclamation plan (MRP) depict the disturbed surface boundary as including the south end of the pond. Plates 1, and 6, 7, and 8 depict the permit boundary line and the disturbed area boundary respectively. The permit legal description is by quarter quarter section. In Section 18 it would have to include the N1/2 SE1/4 NW1/4 to incorporate the area occupied by the south end of the pond. During the telephone conversation referenced above the DOGM representative indicated the permit legal would be revised, but we did not discuss the amount of time that would be required to complete the revision. Apparently, an Incidental Boundary Change (IBC) has been approved. It is my understanding that the IBC includes the area in question.

2. Bonding - The current bond is in the amount of $381,389.00. The information included in the August 21, 1989 version of the MRP indicates that the total earth work as described on page 113 in the bonding section is $615,742.00. DOGM initiated a Mid-Term Review on February 24, 1989 and specifcally stated that bonding would be reviewed. An amendment to add the Aberdeen Portals was approved by DOGM on February 22, 1989 and the construction of the facilities commenced on February 27, 1989. DOGM also pointed out that the bond information was deficient via its December 23, 1987 deficiency letter to the operator (the permit was renewed in March 1987).

The Utah regulations at UMC 800.11, Requirement To File A Bond indicates that an operator shall not disturb any surface areas or extend any underground shafts, tunnels, or operations prior to acceptance by the Division of the required performance bond. The DOGM representative indicated that the Division is in the process of reviewing the bond.

This situation resulted in the issuance of part 1 of the TDN and is referenced by the number 2 at performance standard code W on the MSEIR form.

3. Small Area Exemptions - Pages 161 and 162 of the MRP discuss the drainage control scheme for certain areas of the mine. The outslope of the meterological station is disturbed. It does not flow to a sediment pond. It exits the site via a bypass culvert. The MRP does not discuss the outslope of the site. Plate 8 depicts drainage ditch UD-2. The situation in the field does not agree with the map or text. The lower part of UD-2, just above the meterological station pad is blocked by fill from the pad. Through flow is not provided.

The south end of the substation pad does not drain to a sediment pond. The south end is treated by strawbales. The MRP does not discuss the alternate sediment control practices.

The Utah regulations at UMC 817.42 require that all surface drainage from the disturbed area ..... shall be passed through a

sedimentation pond ..... before leaving the permit area. The failure to pass for the two sites resulted in the issuance of part 2 of the TDN. It is referenced by the number 2 at performance standard code D on the MSEIR form.

The DOGM representative indicated that the operator has prepared a revision to address the small areas that do not report to a sediment pond.

4. Coal Fines - The inspection of undisturbed diversion UD-1 indicated that wind blown coal fines are accumulating in the structure. I measured an area an estimated 120 feet in length where fines have collected in the ditch as a result of wind blown coal from the Apex coal stockpile. During the April 4 telephone conversation the DOGM representative indicated that a snow fence is in place along part of the ditch and that the operator will install strawbales to further mitigate the situation.

The general requirements of Utah regulations at UMC 817.41 and 817.45 address the use of certain practices to minimize contributions of sediment to stream flow or runoff outside the permit area.

This alleged violation resulted in the issunace of part 3 of the TDN. It is referenced by the number 2 at performance standard code F on the MSEIR form.

5. Runoff Control - Plate 8, Support Facilities Drainage Area Map depicts a short section of rip rap channel in a disturbed runoff diversion near the Apex Mine truck loadout. We did not observe a rip rap in the diversion in the location depicted on the map during the inspection. The DOGM representative indicated during our April 4 telephone conversation that the map would be revised to remove the reference to the rip rap channel.

The Utah regulations at UMC 771.19 basically require that an operator conduct surface coal mining and reclamation activities in accordance with the approved permit.

This alleged violation resulted in the issuance of part 4 of the TDN. It is referenced by the number 2 at performance standard code L on the MSEIR form.

6. Pond Inflow - One of the ways in which disturbed runoff is routed to sediment pond C is via a culvert through the haul road fill. The culvert enters on the east side of the pond. Plate 8 depicts the culvert, however, we were not able to locate design information in the MRP.

The Utah regulations at UMC 817.43 and 817.153 require that diversions and culverts, respectively, be designed.

This alleged violation resulted in the issuance of part 5 of the TDN. It is referenced by the number 2 at performance standard code D on the MSEIR form.

During the telephone conversation referenced above the DOGM representative indicated that the operator has committed to submitting design infomation for the culvert. We did not discuss the amount of time it will take for the information to be submitted and inserted in the MRP.

At the conclusion of the conversation we discussed the issues relative to the last state complete inspection. We agreed that they occurred prior to the last state complete inspection (LSCI Janurary 3, 1990) with the exception of the wind blown coal fines in the undisturbed diversion. We agreed that it is possible that the alleged violation could have occurred since the LSCI.

Close-Out Meeting:

The close-out meeting consisted of a review of the issues identified during the inspection. We discussed the problems in terms of TDN issuance and possible issuance of Notices of Violation by DOGM. I advised the operator's representative that TDN are not issued from the field. I indicated that we are required to collect the information and return to the AFO where management makes the decision as to TDN issunace.

Management Meeting:

The information presented above was relayed to AFO management upon my return to the office. As a result of the meeting with management we agreed to issue the TDNs referenced above.

RANDOM SAMPLE MEIR SUPPLEMENT

1. Permittee Andalex Resources

2. Permit Number Act

3. Joint Inspection | Y | Y/N 4. Date 3-29-90

5. Days since Last State Complete Inspection (LSCI) 84

6. Block 25 Categories in NON-COMPLIANCE this RSI 4

7. Total Violations this RSI 5

8. List (only once) all violations:
1) where State enforcement was required and taken during the LSCI;
2) recorded in the LSCI report but the State failed to take enforcement;
3) observed during this RSI which clearly existed during the LSCI but the State failed to take enforcement; and;
4) existing during this RSI which are not already listed under one of the categories above.

	A LAW / SPECIFIC STATE REGULATION VIOLATED	B BLOCK 25 CATEGORY	C ABATED (y/n)	D STATE ACTION	E REASON IF UNCITED	F CAUSE	G SERIOUSNESS PEO	H SERIOUSNESS IMPACT	I OSMRE ACTION	J OPTIONAL	K OPTIONAL
1.	___ / ___ / ___ / 817. / 42	D	N	2		4	3	2	2		
Description:	Failure to pass - two small cross - no SWEs										
2.	___ / ___ / ___ / 817. / 43(c)	D	N	2		4	1	1	2		
Description:	Failure to design a culvert that discharges to sed pond										
3.	___ / ___ / ___ / 817. / 45	F	N	4		4	2	3	2		
Description:	Windblown coal fines in a nonlist. diversion										
4.	___ / ___ / ___ / 771. / 19	L	N	2		4	1	1	2		
Description:	Permit requires a rip rap channel - not installed										
5.	___ / ___ / ___ / 800. / 11	W	N	2		3	1	5	2		
Description:											
6.	___ / ___ / ___ / ___ / ___										
Description:											
7.	___ / ___ / ___ / ___ / ___										
Description:											
8.	___ / ___ / ___ / ___ / ___										
Description:											
9.	___ / ___ / ___ / ___ / ___										
Description:											
10.	___ / ___ / ___ / ___ / ___										
Description:											

STATE ACTION
1) Existed on LSCI, cited
2) Existed on LSCI, not cited
3) Cited Prior to LSCI, Abatement Pending
4) Occurred since LSCI

STATE'S REASON FOR NOT CITING VIOLATION (AFTER DISCUSSION WITH THE STATE)
1) Not a Violation
2) Precluded by State Policy
3) Not included under State Program
4) Warning given in lieu of a Citation
5) Violation not recognized (missed)
6) Practice allowed under approved Permit
7) Too minor to cite
8) Working with Operator to Correct
9) Other: :

CAUSES
1) Permit Defect
2) Unusual Weather Conditions
3) Unofficial Waiver
4) Operator Negligence
5) Other: :

PROBABILITY OF EVENT OCCURRENCE
1) None or Unlikely
2) Likely
3) Occurred

IMPACT
Damage Remains Within the Permit Area
1) None or Minor
2) Moderate
3) Considerable
Damage Extends Beyond the Permit Area
4) None or Minor
5) Moderate
6) Considerable
Obstruction to Enforcement
7) None or Minor
8) Moderate
9) Considerable

OSMRE ACTION
1) Deferred to State Action
2) TDN issued
3) IN-CD issued
4) Previously Cited, Abatement Pending
5) Abated during or before OSMRE Inspection