



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

PG 2
by [signature]

Michael O. Leavitt
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INSPECTION REPORT

Partial: XXX Complete: _____ Exploration: _____
Inspection Date & Time: _____ 10:00a.m.-2:00p.m.
Date of Last Inspection: 11/1/2000

Mine Name: Wildcat Loadout County: Carbon Permit Number: _____
Permittee and/or Operator's Name: Andalex Resources, Inc.
Business Address: P.O. Box 902, Price, Utah 84501
Type of Mining Activity: Underground _____ Surface _____ Prep. Plant XXX Other _____
Company Official(s): Scott Childs
State Official(s): Bill Malencik Federal Official(s): None
Weather Conditions: Clear, Cold
Existing Acreage: Permitted 100 Disturbed 63.7 Regraded _____ Seeded _____
Status: Active XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/033

DATE OF INSPECTION: 12/18/2000

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

2. SIGNS AND MARKERS

All permittee identification signs meet the requirements of the R645 coal rules. The perimeter markers were spot-checked; same are located about the perimeter of all disturbed areas. Wildcat Loadout is not near a stream, and therefore, has no stream buffer zones. All topsoil piles have proper signs for identification. The sediment ponds also have a sign display.

3. TOPSOIL

The topsoil piles were inspected and no signs of wind or water erosion was evident. These piles are protected by berms and vegetative cover.

4A. HYDROLOGIC BALANCE: DIVERSIONS

The surface drainage diversions were spot-checked and were found to be in compliance with the requirements of the mining and reclamation plan and the R645 coal rules. However, some routine maintenance is required. This was completed and all ditches were well maintained.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The sediment ponds were not discharging during the inspection. There were no hazardous conditions noted during the inspection relative to any of the site's impoundments. All six temporary impoundments were inspected on September 18, 2000, including the permanent impoundment.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The Wildcat Loadout facility uses straw bales as its means of alternate sediment control. The site's ASCA's were spot-inspected and were found to be in compliance with the R645 coal rules. Several straw bales were replaced this summer.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Received a memo prepared by Mr. Smith, Division Hydrologist, on the Wildcat Loadout. Mr. Smith had eight concerns with the monitoring program.

The monitoring for the fourth quarter was completed on 10/30/2000. The third quarter monitoring report was submitted to the Division on October 20, 2000. This included three samples taken on WCW-1, WCW-3, WCW-4, and WCW-2 was dry. The field book was appropriately notated.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The refuse pile was inspected with no hazardous conditions being noted. The third quarter refuse pile was inspected and was P.E. certified, with no hazardous conditions being reported on September 18, 2000.

INSPECTION REPORT
(Continuation sheet)

PERMIT NUMBER: C/007/033

DATE OF INSPECTION: 12/18/2000

8. NONCOAL WASTE

The area was clear of non-coal waste material.

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

There have not been any additions to the surface support facilities.

Inspector's Signature: _____


Wm. J. Malencik #26

Date: December 18, 2000

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

sd

cc: James Fulton, OSM
Mike Glasson, Andalex
Price Field office

O:\007033.WCL\Compliance\2000\p_1218.wpd



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HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436

October 24, 2000

ANDALEX RESOURCES
P.O. Box 902
Price UT 84501

Sample identification by
ANADALEX RESOURCES

ID: WCW-4

Kind of sample Water
reported to us

RECEIVED 1300
SAMPLED 620
FIELD MEASUREMENTS
FLOW 13

Sample taken at

Sample taken by ANDALEX RESOURCES

Date sampled August 31, 2000

NOTES:
DIS.METALS
FILTERED @ LAB

Date received September 1, 2000

CHARGE BALANCE >5 DUE TO TOTAL METALS.

Analysis report no. 59-21793

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time/Analyst	
Acidity	23	10	mg/l	as CaCO ₃ D1067-92	09-13-2000	1230 AW
Alkalinity, Bicarbonate	1730	5	mg/l	as HCO ₃ EPA 310.1	09-18-2000	0920 AW
Alkalinity, Carbonate	<5	5	mg/l	as CO ₃ EPA 310.1	09-18-2000	1415 AW
Alkalinity, Total	1418	5	mg/l	as CaCO ₃ EPA 310.1	09-18-2000	0920 AW
Anions	31.1	----	meq/l	-----	10-23-2000	1600 RJ
Calcium, Total	764	5	mg/l	EPA 215.1	10-04-2000	0645 MK
Cations	55.8	----	meq/l	-----	10-23-2000	1600 RJ
Chloride	2	1	mg/l	EPA 300.0	09-12-2000	0859 RJ
Hardness, Total	2698	----	mg/l	as CaCO ₃ SM2340-B	10-23-2000	1600 RJ
Iron, Dissolved	<0.1	0.1	mg/l	EPA 236.1	09-28-2000	0800 MK
Magnesium, Total	192	5	mg/l	EPA 242.1	10-04-2000	0930 MK
Manganese, Total	3.4	0.1	mg/l	EPA 243.1	10-02-2000	0800 MK
Oil & Grease	<2	2	mg/l	EPA 413.1	09-12-2000	0900 SC
Potassium, Total	56	5	mg/l	EPA 258.1	10-03-2000	0800 MK
Sodium, Total	11	1	mg/l	EPA 273.1	10-06-2000	0900 MK
Solids, Settleable	70.0	0.4	ml/l	EPA 160.5	09-01-2000	1500 AW
Solids, Total Dissolved	288	10	mg/l	EPA 160.1	09-07-2000	0900 AW
Solids, Total Suspended	3350	25	mg/l	EPA 160.2	09-07-2000	0900 AW
Sulfate	131	1	mg/l	EPA 300.0	09-15-2000	0859 RJ
Cation/Anion Balance	28.4	----	%		10-23-2000	1600 RJ

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory



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October 24, 2000

ANDALEX RESOURCES
P.O. Box 902
Price UT 84501

Sample identification by
ANADALEX RESOURCES

ID: WCW-2

Kind of sample Water
reported to us

RECEIVED 1300
SAMPLED 545

Sample taken at

FIELD MEASUREMENTS
FLOW 13 TEMP
COND. pH

Sample taken by ANDALEX RESOURCES

NOTES:
DIS.METALS
FILTERED @ LAB

Date sampled August 31, 2000

Date received September 1, 2000

CHARGE BALANCE >5 DUE TO TOTAL METALS.

Analysis report no. 59-21792

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time/Analyst	
Acidity	38	10	mg/l as CaCO ₃	D1067-92	09-13-2000	1230 AW
Alkalinity, Bicarbonate	784	5	mg/l as HCO ₃	EPA 310.1	09-18-2000	0920 AW
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	09-18-2000	1415 AW
Alkalinity, Total	643	5	mg/l as CaCO ₃	EPA 310.1	09-18-2000	0920 AW
Anions	19.3	----	meq/l	-----	10-10-2000	1200 RJ
Calcium, Total	277	2	mg/l	EPA 215.1	10-04-2000	0645 MK
Cations	14.6	----	meq/l	-----	10-10-2000	1200 RJ
Chloride	39	1	mg/l	EPA 300.0	09-12-2000	0859 RJ
Hardness, Total	925	----	mg/l as CaCO ₃	SM2340-B	10-10-2000	1200 RJ
Iron, Dissolved	<0.1	0.1	mg/l	EPA 236.1	09-28-2000	0800 MK
Magnesium, Total	64	1	mg/l	EPA 242.1	10-04-2000	0930 MK
Manganese, Total	1.7	0.1	mg/l	EPA 243.1	10-02-2000	0800 MK
Oil & Grease	<2	2	mg/l	EPA 413.1	09-12-2000	0900 SC
Potassium, Total	18	1	mg/l	EPA 258.1	10-03-2000	0800 MK
Sodium, Total	6	1	mg/l	EPA 273.1	10-06-2000	0900 MK
Solids, Settleable	15.0	0.4	ml/l	EPA 160.5	09-01-2000	1500 AW
Solids, Total Dissolved	258	10	mg/l	EPA 160.1	09-07-2000	0900 AW
Solids, Total Suspended	17225	25	mg/l	EPA 160.2	09-07-2000	0900 AW
Sulfate	33	1	mg/l	EPA 300.0	09-15-2000	0859 RJ
Cation/Anion Balance	13.7	----	%		10-10-2000	1200 RJ

Respectfully submitted,
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FAX: (435) 653-2436

October 24, 2000

ANDALEX RESOURCES
P.O. Box 902
Price UT 84501

Sample identification by
ANADALEX RESOURCES

ID: WCW-1

Kind of sample Water
reported to us

RECEIVED 1300

SAMPLED 535

Sample taken at

FIELD MEASUREMENTS

FLOW 12 TEMP
COND. pH

Sample taken by ANDALEX RESOURCES

NOTES:

Date sampled August 31, 2000

DIS.METALS

FILTERED @ LAB

Date received September 1, 2000

CHARGE BALANCE >5 DUE TO TOTAL METALS.

Analysis report no. 59-21791

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Acidity	26	10	mg/l	as CaCO ₃ D1067-92	09-13-2000	1230 AW
Alkalinity, Bicarbonate	669	5	mg/l	as HCO ₃ EPA 310.1	09-18-2000	0920 AW
Alkalinity, Carbonate	<5	5	mg/l	as CO ₃ EPA 310.1	09-18-2000	1415 AW
Alkalinity, Total	549	5	mg/l	as CaCO ₃ EPA 310.1	09-18-2000	0920 AW
Anions	11.8	----	meq/l	-----	10-10-2000	1200 RJ
Calcium, Total	199	1	mg/l	EPA 215.1	10-04-2000	0645 MK
Cations	13.9	----	meq/l	-----	10-10-2000	1200 RJ
Chloride	18	1	mg/l	EPA 300.0	09-12-2000	0859 RJ
Hardness, Total	659	----	mg/l	as CaCO ₃ SM2340-B	10-10-2000	1200 RJ
Iron, Dissolved	1.2	0.1	mg/l	EPA 236.1	09-28-2000	0800 MK
Magnesium, Total	46	1	mg/l	EPA 242.1	10-04-2000	0930 MK
Manganese, Total	1.4	0.1	mg/l	EPA 243.1	10-02-2000	0800 MK
Oil & Grease	<2	2	mg/l	EPA 413.1	09-12-2000	0900 SC
Potassium, Total	21	1	mg/l	EPA 258.1	10-03-2000	0800 MK
Sodium, Total	5	1	mg/l	EPA 273.1	10-06-2000	0900 MK
Solids, Settleable	0.8	0.4	ml/l	EPA 160.5	09-01-2000	1500 AW
Solids, Total Dissolved	242	10	mg/l	EPA 160.1	09-07-2000	0900 AW
Solids, Total Suspended	12510	25	mg/l	EPA 160.2	09-07-2000	0900 AW
Sulfate	15	1	mg/l	EPA 300.0	09-15-2000	0859 RJ
Cation/Anion Balance	8.3	----	%		10-10-2000	1200 RJ

Respectfully submitted,
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