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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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ACT/007/019
Folder #3

April 22, 1999

Mike Leschin
138 South 300 West
Price, Utah 84501

Re: Possible Offsite Impacts Near the Centennial Mine, Andalex Resources, Inc., Centennial Mine, ACT/007/019, Folder #3, Carbon County, Utah

Dear Mr. Leschin:

Thank you for your recent inquiry regarding possible impacts to the stream below the Andalex Centennial Mine site. The Division is certainly interested in the comments and concerns of citizens in the coal regions of the State. We have investigated your concern and feel that we can now adequately respond.

On April 7, 1999, Pete Hess from our inspection staff, responding to your phone call, attempted to locate the area of concern. He went to the Andalex mine site and inspected the discharge areas of the mine and was unable to determine that any environmental damage was occurring. He subsequently wrote a report (April 16, 1999) describing the inspection, which we have enclosed for your information.

On April 9, 1999, Steve Demczak, also a Division inspector, conducted an inspection of the area. He notes that you accompanied him as well as Mike Glasson and Fred Sanchez from the mine. His inspection included looking at culverts and discharge locations at the mine as well as the Creek immediately below the mine. It also included looking at old abandoned mine sites in the Deadman Canyon Area and drainages downstream from the mines. Samples were collected from materials in the creek bed and analyzed. A copy of his inspection report and the laboratory analysis are also enclosed for your information.

Our investigation concludes that the dark colored materials in the creek most likely come from the following areas: Some coal fines which may have been washed down from the Abandoned mines in the Deadman area, road material from the county road, decaying vegetation. No coal fines of any significance were noted immediately below the Centennial mine so it is unlikely that any offsite impacts are occurring from the mine.

We have informed our abandoned mine program of the situation and they may conduct further investigations of this area. If you are interested in talking with someone from that program, you should contact Mark Mesch, Program Administrator, at (801) 538-5349.

located in the drainages, on the road, hillsides, slopes, etc. This area is below the mine and the drainage goes directly into the creek where the citizen complaint was made. See map next page.

- e) Mr. Leschin drove Mike Glasson and I to a spot approximately three to five miles down stream from the mine site. The area was dark gray and not normal color to the surroundings. The dark material was all wet, fine grain, and gray in color but not black. Scraping the surface material revealed fine grain black material resembling clay in texture. This black material gave off the same smell as standing pond water.
- f) Mike Leschin had to leave for work and Mr. Glasson and I went to get grab sample bags at the mine. We drove back to the creek and partially filled two bags of material to get an analysis.
- g) Driving back to the office Mike Glasson and I noticed that the material used on road for melting of snow and traction in winter looked close to the top gray material at the creek. A sample of the road material was also taken for comparison.
- h) Samples were taken to Horizon Labs.
- j) All of the above information was conveyed to Joe Helfrich verbally and was e-mailed on Friday, April 9, 1999.
- j) Sample of the material located at the creek crossing is called Kenilworth Road sample. See the following pages for analysis information.
- k) Sample of the road material from the county road is called Road Treatment. See the following pages for analysis information.

Summary:

The material was dark gray on top and black underneath. The composition of the material has most likely come from the following areas: some coal fines, which could have been washed down from the Dead Man area (Abandoned Mine Land Project), road material from county road, and also decayed vegetation along the wash. All these areas have access and are nearby for material to enter the wash in question.

No coal fines of any significance were noticed below the Centennial mine. Therefore, it would be unlikely that coal fines from Centennial mine of any significant quantities have been washed down to the Kenilworth Road (wash) area.

It is recommended that no violation be issued to Andalex Resources.

sd
enclosures

EE: Mark Mesch, AML, SLC
Mary Ann Wright, DOGM, SLC



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Michael O. Leavitt
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April 16, 1999

To: File

Thru: Joe Helfrich, Permit Supervisor, Compliance

From: Peter Hess, Reclamation Specialist III *PH*

RE: Citizen Complaint, Andalex Resources, Inc., Centennial Project, ACT/007/019, Folder #2, Carbon County, Utah

On April 7, 1999, at 11:35 a.m., the Price Field Office received a citizen complaint from Mike Leschin. Mr. Leschin reported observing "black stuff" in the Deadman Creek drainage; a borrow pit in the area was also coated with the same material.

I attempted to contact Mr. Leschin at the BLM at 11:45 a.m., but he was not available. I also tried to contact him on his cellular phone, having obtained that number from the phone receptionist at the Bureau. He could not be reached; a message informing him that our agency was attempting to respond was left on his voice mail.

At this point I contacted Mr. Mike Glasson at Centennial and informed him of the circumstances. We agreed to meet in about thirty minutes at Centennial to see what we could determine. Mr. Steve Demczak, who is the regularly assigned Reclamation Specialist at this site, was at the Dugout Mine site inspecting and could not be contacted.

Upon arriving at the Centennial Project, I discussed with Mr. Glasson what information I had received up to that point. We decided to go down the Deadman Creek drainage to determine what we could.

A water sample (which was crystal clear) was taken at the discharge end of a 48 inch road culvert outside of the Centennial permit boundary. Photos were also taken of the stream banks. There was no environmental damage obvious.

Mr. Glasson and I were frustrated at this point. I asked Mr. Glasson to follow up the complaint by contacting Mr. Leschin so he could give us more direction. He agreed to do so. When I made contact with Steve Demczak, I also asked him to follow up on the situation to make certain that it was adequately handled.

The purpose of this memo is to document the fact that the DOGM PFO made an immediate response to this citizen's complaint.

sd
cc: Mary Ann Wright, DOGM, SLC

Andalex
SEDIMENT
Pond

FAU Portal
LEFT FORK
DEAD MAN

Spring

.5-1 mile

STARPOINT
WASH

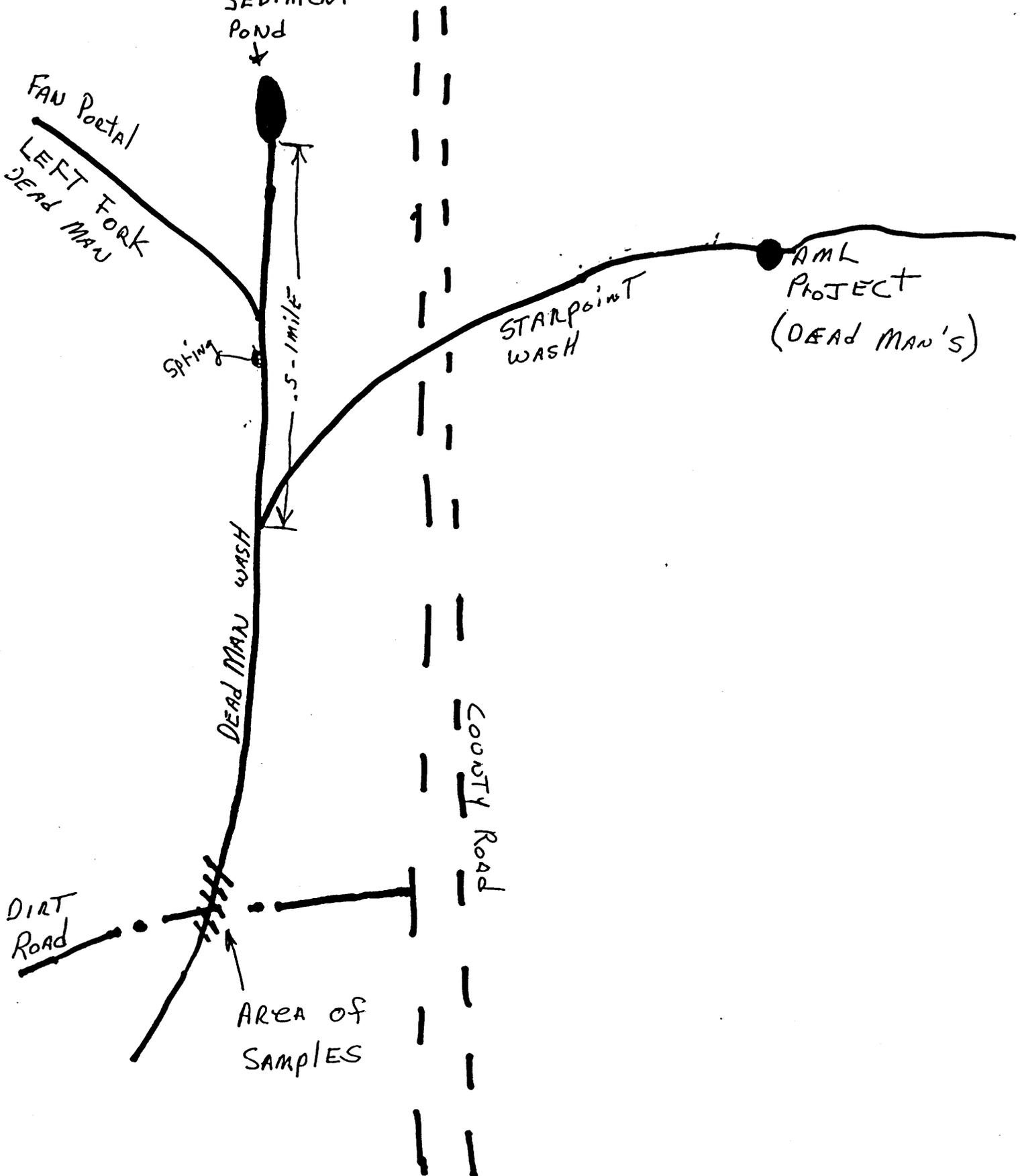
AML
PROJECT
(DEAD MAN'S)

DEAD MAN WASH

COUNTY ROAD

DIRT
Road

AREA OF
SAMPLES





General Offices : 140 East 100 South Price, Utah 84501 435-637-4343
Laboratory : 140 East 100 South Price, Utah 84501

Submitted to :

April 16, 1999

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

Date Sampled : 4/9/99

Sample Identification :

Date Received : 4/10/99

Kennilworth Road Sample

Sampled by : A.R.I.

Identification by : A.R.I.

Analysis Report # : 24135

CERTIFICATE OF ANALYSIS

PROXIMATE
Dry Basis

% Moisture	45.35	-----
% Ash		81.24
% Volatile Matter		41.15
% Sulfur		0.26
Btu/Lb.		812

Respectfully submitted,
HORIZON LABORATORIES

Victor M. Smith
Laboratory Manager



General Offices: P.O. Box 995 Price, Utah 84501 801-637-4343
Laboratory: 140 East 100 South Price, Utah 84501

Submitted to :

April 16, 1999

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

Date Sampled: 4/9/99

Sample Identification :

Date Received : 4/10/99

Kennilworth Road Sample

Sampled by : Auto

Identification by : A.R.L.

Analysis Report # : 24135 pg.2

CERTIFICATE OF ANALYSIS

ULTIMATE ANALYSIS

%	Dry Basis	
Moisture	45.38	
Carbon		11.74
Hydrogen		0.75
Nitrogen		0.09
Ash		81.24
Sulfur		0.26
Oxygen		<u>5.92</u>
		100.00

Respectfully submitted,
HORIZON LABORATORIES


Laboratory Manager



General Offices : 140 East 100 South Price, Utah 84501 435-637-4343
Laboratory : 140 East 100 South Price, Utah 84501

Submitted to : April 16, 1999

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

Date Sampled : 4/9/99

Sample Identification :

Date Received : 4/10/99

Road Treatment

Sampled by : A.R.I.

Identification by : A.R.I

Analysis Report # : 24136

CERTIFICATE OF ANALYSIS

PROXIMATE
Dry Basis

% Moisture	11.52	---
% Ash		83.76
% Volatile Matter		16.51
% Sulfur		0.10
Btu/Lb.		<100

Respectfully submitted,
HORIZON LABORATORIES

Victor Smith
Laboratory Manager



General Offices : P.O. Box 995 Price, Utah 84501 801-637-4343
Laboratory : 2025 East 5000 South Price, Utah 84501

Submitted to :

April 16, 1999

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

Date Sampled : 4/9/99

Sample Identification :

Date Received : 4/10/99

Road Treatment

Sampled by : Auto

Identification by : A.R.I.

Analysis Report # : 24136 pg.2

CERTIFICATE OF ANALYSIS

ULTIMATE ANALYSIS

%	Dry Basis	
Moisture	11.52	
Carbon		10.06
Hydrogen		0.75
Nitrogen		0.00
Ash		83.76
Sulfur		0.10
Oxygen		<u>5.33</u>
		100.00

Respectfully submitted,
HORIZON LABORATORIES


Laboratory Manager