



Blazon Co.

(Mining Contractors & Consultants)

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Blazon #1

Agents for:
Joe Investment Co.
C & W Coal Producers

Ferron, Utah
April 7, 1980

RECEIVED

APR 09 1980

DIVISION OF
OIL, GAS & MINING

Ronald Daniels, Coordinator
Dept. of Natural Resources
Div. of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah

Dear Ron,

I am enclosing a copy of the Discharge Permit, No. 0023647,
dated 1/9/80, for the Blazon No.1 Mine.

We are anticipating a reply regarding our reclamation bonding
and indications of tentative permit approval soon. Our objective
is to begin road construction and excavation the moment the thaw of
snows will permit.

Sincerely,

Joseph A. Harvey

Joseph A. Harvey

Draft
1/80

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended,
(33 U.S.C. 1251 et. seq; the "Act").

Blazon Company, No. 1 Mine

is authorized to discharge from a facility located at Section 4, Township 14 South, Range 7 East,
Carbon County, Utah.

to receiving waters named Mud Creek, which is a tributary of the Price River.

in accordance with effluent limitations, monitoring requirements and other conditions set forth
in Parts I, II, and III hereof.

This permit shall become effective on the date of issuance.*

This permit and the authorization to discharge shall expire at midnight, December 31, 1980.

Signed this day of

* Thirty (30) days after the date of receipt of this permit by the Applicant.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (Runoff Sedimentation Structures)

1. During the period beginning immediately and lasting through December 31, 1980, the permittee is authorized to discharge from all point sources associated with runoff sedimentation structures and active mining operations indicated on the area maps submitted and approved pursuant to Part III, A. 1. Such discharges shall be limited and monitored by the permittee as specified below.

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u> b/	
	<u>Daily Average</u>	<u>Daily Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow - M ³ /Day, gpd	N/A	N/A	Two per month ²	Measured a/
Total Suspended Solids	25 mg/l	30 mg/l	Two per month ²	Grab
Total Iron		2.0 mg/l	Two per month ²	Grab
Alkalinity - Acidity (At all times alkalinity shall be greater than acidity)			Two per month ²	Grab
Total Dissolved Solids	N/A	500 c/	Two per month ²	Grab

Oil and Grease shall not exceed 10 mg/l and shall be monitored monthly by a grab sample.

The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units and shall be monitored twice per month by grab sample.²

There shall be no discharge of floating solids or visible foam in other than trace amounts.

2. Normal sampling days shall be the second and fourth Wednesdays of each month. However, if sufficient rainfall occurs so as to cause a discharge before the fourth Wednesday, one sample must be taken within 12 hours following the rainfall event. Data from the rainfall event sample shall be submitted in lieu of the data from one of the normal sample days.

3. See Schedule of Compliance. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): At any point which is representative of each discharge prior to its mixing with the receiving stream and as indicated by the solid triangles on the current area maps submitted pursuant to Part III, A.1.

a/ See Part I, C.3.c.

b/ See Part III, A.2.

c/ The total amount of Total Dissolved Solids (TDS) discharged from all outfalls is limited to one ton (2,000 pounds) per day of TDS.

STATEMENT OF BASIS

BLAZON COMPANY

No. 1 Mine

CARBON COUNTY, UTAH

PERMIT NUMBER: UT-0023647

Facility: Coal Mine - New permit

Contact: Joseph A. Harvey, President (801) 384-2755

Location: Section 4, Township 14 South, Range 7 East, Carbon County, Utah

Receiving Stream: Mud Creek, a tributary of the Price River

Stream Classification: 1C, 3A, and 4

The Blazon Company, No. 1 Mine ~~Coal Mine~~, consists of an underground coal mining operation that will produce approximately 500 tons of coal per day. This discharge permit is being written for the point source discharge associated with a *surface* runoff control sedimentation structure required by the Surface Mining and Reclamation Act. The permit also contains provisions to allow the company to comply with NPDES requirements should any unanticipated discharge be required as a result of sudden inflow of water into the mine or if a relocation of sedimentation facilities becomes necessary.

Effluent Limitations:

1. Existing Proposed Outfall 001.

There has been no discharge since the surface runoff ponds have not been constructed.

2. Future Discharging Outfalls (Provided for in Revised Area Map Provisions).

The effluent limitations contained in Part I, A.1, of this permit have been based on the following criteria:

- (a) BPTCA for the Coal Mining Point Source Category (40 CFR 434.22, 434.42);
- (b) Utah Water Quality Standards and Effluent Limitations; and,
- (c) Salinity Controls in the Colorado River Basin States.

The total suspended solids (TSS) limitation of 30 mg/l and the Oil and Grease limitation of 10 mg/l are regional EPA policy.

L.M.
11/20
JBY

The discharges are required to meet the State of Utah pH effluent standard. The 30 mg/l daily maximum for TSS is considered compatible with Utah secondary effluent standards of 25 mg/l monthly average.

The total dissolved solids (TDS) limitation of 500 mg/l and one ton per day is included to point out a TDS problem should one develop in the future. Should the total discharge of TDS exceed 500 mg/l or one ton per day, then a further evaluation of the discharge in the context of the Colorado River Basin Salinity Policy would be necessary. The Valley Camp Belina Mine and Coastal States proposed Skyline Mine have reported TDS values of less than 500 mg/l. Since the surface waters are used for culinary purposes at Price, the TDS should be limited to less than 500 mg/l where practical.

The 2 mg/l daily maximum for Total Iron is Utah policy based upon data of other Utah coal mine discharges not exceeding 2 mg/l when the TSS is less than 30 mg/l. The 2 mg/l Iron should be sufficient to insure that this discharge does not violate either the State's 1 mg/l dissolved Iron stream standard or EPA's total Iron effluent standard.

Prepared by Steven McNeal, 1/9/80