

# Western States Minerals Corporation

File Copy

Act/015/002

0006

Address reply to:  
7475 West Fifth Avenue  
Lakewood, Colorado 80226  
Telephone: 303/232-1636

February 14, 1979

Mr. Ron Daniels  
Division of Oil, Gas, & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Dear Mr. Daniels:

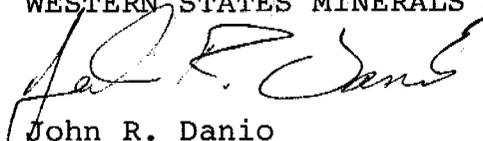
Please find attached maps, permit applications, etc., pertaining to the Dog Valley Mine. These submittals should correct most of the problems outlined in your letter of February 1. We will start sediment pond excavation as soon as the weather permits.

You will notice that a main diversion ditch is shown on the 1"=100' scale map. After a field review, it was discovered that constructing this diversion is impossible due to large boulders. We have therefore re-designed the sediment pond to detain the runoff from the entire watershed.

Please feel free to contact me for any assistance I may provide concerning this matter.

Very truly yours,

WESTERN STATES MINERALS CORPORATION

  
John R. Danio  
Mining Engineer

JRD/hlp

enc.



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
APPLICATION FOR PERMIT TO DISCHARGE - SHORT FORM C

APPLICATION NUMBER									
DATE RECEIVED									
YEAR			MO.				DAY		

To be filed only by persons engaged in manufacturing and mining

Do not attempt to complete this form before reading accompanying instructions  
Please print or type

1. Name, address, location, and telephone number of facility producing discharge

A. Name Dog Valley Mine

B. Mailing address

1. Street address P.O. Box "F"

2. City Salina 3. State Utah

4. County Sevier 5. ZIP \_\_\_\_\_

C. Location:

1. Street \_\_\_\_\_

2. City Emery 3. County Emery

4. State Utah

D. Telephone No. (801) 529-7071

Area Code

2. SIC 

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(Leave blank)

3. Number of employees 40

If all your waste is discharged into a publicly owned waste treatment facility and to the best of your knowledge you are not required to obtain a discharge permit, proceed to item 4. Otherwise proceed directly to item 5.

4. If you meet the condition stated above, check here  and supply the information asked for below. After completing these items, please complete the date, title, and signature blocks below and return this form to the proper reviewing office without completing the remainder of the form.

A. Name of organization responsible for receiving waste \_\_\_\_\_

B. Facility receiving waste:

1. Name \_\_\_\_\_

2. Street address \_\_\_\_\_

3. City \_\_\_\_\_ 4. County \_\_\_\_\_

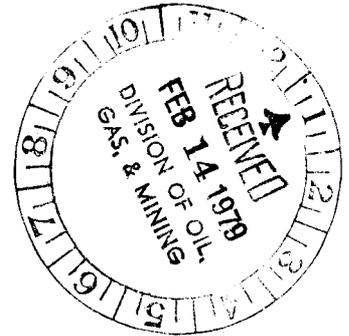
5. State \_\_\_\_\_ 6. ZIP \_\_\_\_\_

5.  Principal product,  raw material (Check one) Coal

6. Principal process Underground Mining

7. Maximum amount of principal product produced or raw material consumed per (Check one)

Basis	Amount							
	1-99 (1)	100-199 (2)	200-499 (3)	500-999 (4)	1000-4999 (5)	5000-9999 (6)	10,000-49,999 (7)	50,000 or more (8)
A. Day				X				
B. Month								
C. Year								



8. Maximum amount of principal product produced or raw material consumed, reported in item 7, above, is measured in (Check one):

- A.  pounds    B.  tons    C.  barrels    D.  bushels    E.  square feet  
 F.  gallons    G.  pieces or units    H.  other, specify \_\_\_\_\_

9. (a) Check here if discharge occurs all year , or

(b) Check the month(s) discharge occurs:

1.  January    2.  February    3.  March    4.  April    5.  May    6.  June  
 7.  July    8.  August    9.  September    10.  October    11.  November    12.  December

(c) Check how many days per week: 1.  1    2.  2-3    3.  4-5    4.  6-7

10. Types of waste water discharged to surface waters only (check as applicable)

Discharge per operating day	Flow, gallons per operating day					Volume treated before discharging (percent)				
	0.1-999 (1)	1000-4999 (2)	5000-9999 (3)	10,000-49,999 (4)	50,000- or more (5)	None (6)	0.1-29.9 (7)	30-64.9 (8)	65-94.9 (9)	95-100 (10)
A. Sanitary, daily average										
B. Cooling water, etc. daily average										
C. Process water, daily average	X									X
D. Maximum per operating day for total discharge (all types)	X									

11. If any of the three types of waste identified in item 10, either treated or untreated, are discharged to places other than surface waters, check below as applicable.

Waste water is discharged to:	Average flow, gallons per operating day				
	0.1-999 (1)	1000-4999 (2)	5000-9999 (3)	10,000-49,999 (4)	50,000 or more (5)
A. Municipal sewer system					
B. Underground well					
C. Septic tank	X				
D. Evaporation lagoon or pond	X				
E. Other, specify					

12. Number of separate discharge points: A.  1    B.  2-3    C.  4-5    D.  6 or more

13. Name of receiving water or waters Dog Valley Wash

14. Does your discharge contain or is it possible for your discharge to contain one or more of the following substances added as a result of your operations, activities, or processes: ammonia, cyanide, aluminum, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, zinc, phenols, oil and grease, and chlorine (residual). A.  Yes    B.  no

I certify that I am familiar with the information contained in the application and that to the best of my knowledge and belief such information is true, complete, and accurate.

John R. Danio  
 Printed Name of Person Signing  
February 8, 1979  
 Date Application Signed

Mining Engineer  
 Title  
[Signature]  
 Signature of Applicant

18 U.S.C. Section 1001 provides that:

Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious, or fraudulent statements or representations; or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years, or both.

## DOG VALLEY MINE

### Sediment Disposal Plan

Sediment ponds will be cleaned when sediment volume accumulates to 80% of the required volume. The required volume is 6.20 Acre-feet. Cleanout volume is then  $6.20 \times .80 = 5.0$  A-f.

Sediment removed from the pond is used to cover coal refuse, or sediment will be stockpiled as top soil.?

### Revegetation Plan

On disturbed land that is no longer required for mining activity, topsoil shall be placed and a diverse permanent vegetative plant cover will be established. The operator will work with the local soil conservation service or other appropriate agencies to determine a beneficial vegetative cover.

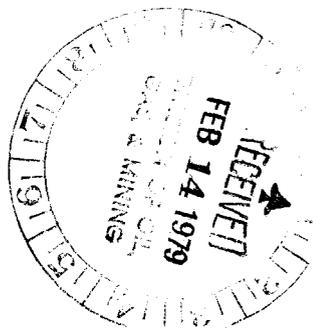
### Topsoil Plan

Any topsoil removed shall be separately stockpiled and protected from erosion and contaminants. The stockpile area will be located so as to direct runoff into the sediment pond. The topsoil area will be designated by signs, and protected by establishing a vegetative cover.

### Water Monitoring Program

Water discharging from the sediment pond(s) will be sampled once a month for volume, pH, total iron, total manganese, and suspended solids. Analysis will be forwarded to the proper agencies within 60 days of sample collection, unless permit conditions are exceeded in which case the agency will be immediately notified.

Ground water monitoring is not required for the present mining situation. The "I" seam is located in a plateau, exposed on all sides. All water tables are located below the seam, as evidenced by never encountering ground water in any of the 50 plus exploration holes penetrating the seam.



General Statement - Mining & Reclamation

At the present time, the Dog Valley Mine is being altered by building a coal processing facility, improving the employee bathing and office facilities, and in general, upgrading the surface facilities. The locations of the surface plant are shown on the accompanying map. This map shows essentially all the proposed improvements at the mine.