File

JUN 10 1985
Ref: 8WM-C

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Gary Broetzman, Director
Water Quality Control Division
Colorado Department of Health
4210 East 11th Avenue
Denver, Colorado 80220

Re: Notice of Violation; Permit Number CO-0000248; AMAX, Inc.; Pursuant to 33 U.S.C. 1319(a)(1)

Dear Mr. Broetzman:

You are hereby informed, in accordance with the provisions of the referenced statute, that the United States Environmental Protection Agency has established that a violation of the permit issued to the above-referenced facility has occurred (NPDES Permit Number CO-0000248) as set forth in the attached Summary of Violation. It is requested that your office inform this agency of the follow-up and/or enforcement action taken to ensure compliance with the applicable terms and conditions of the referenced permit within thirty (30) days of your receipt of this NOV.

A copy of the Notice has been sent to the permittee. If you have any questions, please contact Barbara Hanson at telephone 293-1633.

Sincerely yours,

ORIGINAL SIGNED BY
MAX H. DODSON

Max H. Dodson
Director
Water Management Division

Enclosure

cc: Ms. Melinda Kassen
Assistant Attorney General

Mr. John T. Richards
Water Resources Manager
Climax Molybedenum Company

/BHANSON/x1633/WANG/0245Q/rrl/6-3-85

6-6-85

6/6/85

6/7/85 typo on permittee letter going to let go

6/7/85

#550

Summary of Violation
CO-0000248

On April 9, 1985, representatives of the Colorado Department of Health (CDH) and the United States Environmental Protection Agency (EPA) sampled the discharge from the Climax wastewater treatment facility. The analytical results of these samples indicate violations of Permit Number CO-0000248 effluent limitations for Outfall 001 as follows:

Parameter	Permit Grab Limitation	Grab Sample Results	
		EPA	CDH
Total Recoverable Manganese	2.0 mg/l	3.997 mg/l	3.2 mg/l

The receiving water is Ten Mile Creek.

Ref: [illegible]

Mr. John T. Richards
Water Resources Manager
Climax Company

JUN 10 1985

Ref: 8WM-C

NOT CERTIFIED

Mr. John T. Richards
Water Resources Manager
Climax Molybdenum Company
AMAX, Inc.
Climax, Colorado 80429

Re: Permit Number CO-0000248

Dear Mr. Richards:

Enclosed are the results of the chemical analyses performed on the samples collected of the Climax wastewater treatment facility discharge on April 9, 1985. The discharge from the Climax facility has been found to be in violation of NPDES Permit CO-0000248. Under the conditions of Section 309(a)(1) of the Clean Water Act, the U.S. Environmental Protection Agency must notify the State office responsible for administering and enforcing the NPDES program and the subject permittee of such findings.

Also enclosed for your information is a copy of the Notice of Violation we are issuing to the State of Colorado which has been delegated the administration and enforcement of the NPDES permit program. Therefore, please submit any comments that you may have regarding the Notice to the Water Quality Control Division, Colorado Department of Health, with a copy to this Agency.

If you have any questions, please contact Barbara Hanson of my staff at 293-1633.

Sincerely yours,

ORIGINAL SIGNED BY
MAX H. DODSON

Max H. Dodson
Director
Water Management Division

Enclosures

cc: Ms. Melinda Kanson (with enclosures)
Assistant Attorney General

Mr. Gary Broetzman (with enclosures)
Colorado Department of Health

bcc: Les Sprenger (8ES-FO)
Peter Bahor (EN-336)

BHANSON/x1633/NANO/02450/rrl/6-3-85

#551

WATER QUALITY DATA

Colorado Department of Health
Water Quality Control Division

DISCHARGE SAMPLE

Water Lab No. 850090

Bacti Lab No.

Rec'd By: Ho

MAY 28 1985

Name of Sampling Location: AMAX CLIMAX SC: CO-0000248	Date and Time Collected: 85 4 9 1045 (Y Y M M D D Hrs. Min.)	Remarks for [illegible] metals = TOTAL Recoverable from purchase flume @ property line
County: Lake	If Composite Sample: ____ Hrs. Min. To ____ Hrs. Min.	
Name of Sampler: Robert Griffith	Date Received in Water Lab: 85 4 9 1600 (Y Y M M D D Hrs. Min.)	
River Sample: Circle if Apply Complete Incomplete Special	Date Reported: 85 5 17 (Y Y M M D D)	

P60 STREAM FLOW (cfs)	P1002 ARSENIC (ug/l)	P1067 NICKEL (ug/l)
P50050 DISCHARGE FLOW (mg/l) 13.11 MGD	P945 SULFATE (mg/l)	P1147 SELENIUM (ug/l)
P11 TEMPERATURE (F°) 370	P665 T-PHOS as P (mg/l)	P1077 SILVER (mg/l)
P400 pH (Standard Units) 70	P70507 ORTHO PHOS as P (mg/l)	P1092 ZINC (ug/l) 130
P299 DO (mg/l) 9.6	P900 T-HARDNESS as $CaCO_3$ (mg/l)	P1034 T-CHROMIUM (ug/l)
P50060 TRC (mg/l)	P1012 BERYLLIUM (ug/l)	P1032 HEX. CHROMIUM (ug/l)
P410 T-ALK as $CaCO_3$ (mg/l)	P1027 CADMIUM (ug/l) 0.46	P22703 URANIUM-Natural (ug/l)
P556 O & G (mg/l) K5	P1022 BORON (ug/l)	P1501 GROSS ALPHA (pc/l) P1502
P31615 F-COLI. (per 100 ml)	P1042 COPPER (ug/l) 27	P9503 GROSS BETA (pc/l) P9504
P310 BOD (mg/l)	P1045 IRON (ug/l) 800	P3501 DIS. RAD.-226 (pc/l) P3502
P530 TSS (mg/l) 12	P1051 LEAD (ug/l) K5	P81366 DIS. RAD.-228 (pc/l) P81367
P70300 TDS (mg/l)	P1055 MANGANESE (ug/l) 3200	P610 AMMONIA as N (mg/l) K1
P95 COND (micromhos)	P71900 MERCURY (ug/l)	P625 TKN as N (mg/l)
P720 T-CYANIDE (mg/l) K01	P1062 MOLYBDENUM (ug/l)	P630 NITRITE/NITRATE as N (mg/l)

K - less than

COMPLIANCE MONITORING REGION VIII
Evaluation of Effluent Violations

Company/Facility AMAX CLIMAX

Location CLIMAX Colo NPDES Number CO-0000248

Date Sampled 4/9/85 Investigator Lm

Receiving Stream Ten Mile Creek

PARAMETER	UNITS	Station Number EPA #001 AMAX07 Time 10:50 Grab Sample Allowed	Grab Sample Actual	Station Number Time Composite Sample Allowed	Composite Sample Actual	Station Number Time Grab Sample Allowed	Grab Sample Actual	Station Number Time Composite Sample Allowed	Composite Sample Actual
Flow	GPM		9/05						
pH	units	6.5-9.0	7.0						
D.O.									
Temp.	F°		33						
TSS	mg/l	30	9						
Ammonia	"	0.04	1.13	0.000974	unmigel				
T. Cyanide	"	0.234	0.106						
Cadmium	"	0.024	<0.005						
Copper	"	0.058	0.018						
Lead	"	0.008	<0.030						
Zinc	"	0.34	0.141						
Iron	"	2.0	0.909						
Manganese	"	2.0	3.997						

REMARKS

*Value shown is a net value. (This value has been determined by decreasing the actual effluent value by the actual intake value.)