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Mine file: 015/007
c J. Whitehead

015/007 #7

CalMat Co

P.O. BOX 947, COLTON, CALIFORNIA 92324/(714) 825-4260

CalMat

February 10, 1989

RECEIVED
FEB 13 1989
DIVISION OF
OIL, GAS & MINING

State of Utah
Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Mr. Lowell P. Braxton

Dear Lowell:

Enclosed is the 1988 Annual Report for our Hidden Valley property.

Yours truly,

John W. Rains

John W. Rains
Chief Mining Engineer

/kew

COAL MINING AND RECLAMATION OPERATIONS FOR 1988
(Authority UMC 784)

(Must be submitted to the Division by March 31, 1989)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Centter, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

(801) 538-5340

Operator: CALIFORNIA PORTLAND CEMENT, A DIVISION OF CALMAT

Mine Name: HIDDEN VALLEY

Mailing Address: 695 S. RANCHO AVE., COLTON, CA 92324

Company Representative: JOHN W. RAINS

Permit Number: INA/015/007

Date of Most Recent Permanent Program Permit: 12/11/86 - RECLAMATION

Quantity of Coal Mined (tonnage) 1988: NONE

Attach Updated Mine Sequence Map.

All monitoring activities during the report period must be submitted with this report (including, but not limited to):

A. Summarized Water Monitoring Data

B. Precipitation or Other Climatological Data

C. Subsidence Monitoring Report

D. Vegetation Data (test plots) or Revegetation Success Monitoring (includes interim and final)

E. Permit Stipulation Status

djh
AT57

HIDDEN VALLEY COAL PROPERTY

1988 ANNUAL REPORT

February 10, 1989

A. See attached

B. The closest official weather station is located at Emery, Utah, about eight miles north northwest of the mine site.

Average annual precipitation is 7.55 inches. Prevailing strong winds are from the south. Daily winds shift from southeast in the a.m. to northwest in the p.m.

C. None

D. Revegetation area is being monitored monthly (April - Sept.) during the first two growing seasons. The second growing season was 1988.

Note: Due to the lack of rainfall during the 1988 growing season and lack of good revegetation on the road, it was decided to reseed, mulch and fertilize as required, certain areas of the reclamation site. This included the use of netting, treatment (in places) with lime and minor erosion repair. Some revegetation has taken place.

Monitoring of the reclamation site will continue for a period of time as required.

E. Active reclamation permit. Monitoring for the second year (10 year schedule) is complete.

jwr305

CalMat Co

P.O. BOX 947, COLTON, CALIFORNIA 92324/(714) 825-4260

July 11, 1988

Mr. Lowell P. Braxton
Administrator
Utah Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Ivie Creek, Hidden Valley Project
1988 Stream Monitoring Work

Dear Mr. Braxton:

Enclosed are the results of the May 1988 stream monitoring work for Ivie Creek at the Hidden Valley Project. Samples and field measurements were taken on May 23, 1988.

Both the field results, including work sheets, and the laboratory results are included here. Site #1 is the upstream monitoring site and is located on the west side of the property. Site #2, the downstream monitoring site, is located just to the east of the property line.

Please contact me if you have any questions regarding this matter.

Sincerely,

John W. Rains

John W. Rains
Chief Mining Engineer
California Portland Cement Division

JWR/kew
Enclosures

jwr213

CHEMTECH
CHEMICAL AND BACTERIOLOGICAL ANALYSES

6100 S. STRATLER
MURRAY, UTAH 84107
(801) 262-7299

DATE: 6-13-88

TO: JBR/Calmat
1952 E. Fort Union Blvd.
Suite 209
Salt Lake City, UT 84121

SAMPLE ID: Lab #U030166 - Ivie Upper #1, 5-25-88
Lab #U030167 - Ivie Lower #2, 5-25-88

CERTIFICATE OF ANALYSIS

PARAMETER	U030166	U030167
TDS, mg/l	3,310	3,200
TSS, mg/l	16	12
Settleable Solids, ml/l	<.1	<.1
Hardness as $CaCO_3$, mg/l	1,560	1,580
Acidity as $CaCO_3$, mg/l	0	0
Bicarbonate as HCO_3, mg/l	306	299
Carbonate as CO_3, mg/l	0	0
Calcium as Ca, mg/l	173	172
Chloride as Cl, mg/l	215	214
Iron as Fe (Diss), mg/l	<.01	<.01
Magnesium as Mg, mg/l	247	248
Manganese as Mn (Tot), mg/l	0.020	0.020
Potassium as K, mg/l	10.1	10.4
Sodium as Na, mg/l	560	550
Sulfate as SO_4, mg/l	1,960	1,960
Oil & Grease, mg/l	<.5	<.5
Cation, meq/l	53.6	53.2
Anion, meq/l	51.9	51.8

Rex Henderson

HIDDEN VALLEY MINE
WATER MONITORING SUMMARY
MAY 23, 1988

Location	Flow (cfs)	Temperature degress C	pH	Conductivity (micromhos)	Dissolved Oxygen (mg/l)
#1 Ivie Ck (upper)	1.7	21.4	8.0	3300	7.4
#2 Ivie Ck (lower)	1.9	18.9	7.9	3500	7.2

CalMat Co

P.O. BOX 947, COLTON, CALIFORNIA 92324/(714) 825-4260

December 13, 1988

Mr. Lowell P. Braxton
Administrator
Utah Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Ivie Creek, Hidden Valley Project
1988 Stream Monitoring Work

Dear Mr. Braxton:

Enclosed are the results of the September 1988 stream monitoring work for Ivie Creek at the Hidden Valley Project. Samples and field measurements were taken on September 9, 1988.

Both the field results, including work sheets, and the laboratory results are included here. Site #1 is the upstream monitoring site and is located on the west side of the property. Site #2, the downstream monitoring site, is located just to the east of the property line.

Please contact me if you have any questions regarding this matter.

Sincerely,

John W. Rains

John W. Rains
Chief Mining Engineer
California Portland Cement Division

JWR/kew
Enclosures

jwr302

CHEMTECH
CHEMICAL AND BACTERIOLOGICAL ANALYSES

6100 S. STRATLER
MURRAY, UTAH 84107
(801) 262-7299

DATE: 10-25-88

TO: JBR Consultants
1952 E. Fort Union Blvd. STE 209
Salt Lake City, UT 84121

LAB NO: U034665 - Submitted on 9-13-88

LOCATION: Hidden Valley, Site #1 Upper

CERTIFICATE OF ANALYSIS

PARAMETER	LEVEL	DATE
TDS, mg/l	3,960	9-15-88
TSS, mg/l	2.9	9-17-88
SS, mg/l	<.1	9-15-88
Hardness as $CaCO_3$, mg/l	1,760	9-28-88
Acidity as $CaCO_3$, mg/l	0	9-14-88
Carbonate as CO_3, mg/l	5.8	9-27-88
Bicarbonate as HCO_3, mg/l	201	9-27-88
Calcium as Ca, mg/l	412	10-20-88
Chloride as Cl, mg/l	309	10-17-88
Iron as Fe (D), mg/l	0.128	10-14-88
Magnesium as Mg, mg/l	202	10-20-88
Manganese as Mn (T), mg/l	0.023	10-14-88
Potassium as K, mg/l	12.8	10-20-88
Sodium as Na, mg/l	473	10-20-88
Sulfate as SO_4, mg/l	2,270	10-3-88
Oil & Grease, mg/l	<.5	9-13-88
Cation, meq/l	58.1	
Anion, meq/l	59.5	

Rex Henderson

CHEMTECH
CHEMICAL AND BACTERIOLOGICAL ANALYSES

6100 S. STRATLER
MURRAY, UTAH 84107
(801) 262-7299

DATE: 10-25-88

TO: JBR Consultants
1952 E. Fort Union Blvd. STE 209
Salt Lake City, UT 84121

LAB NO: U034666 - Submitted on 9-13-88

LOCATION: Hidden Valley, Site #2 Lower

CERTIFICATE OF ANALYSIS

PARAMETER	LEVEL	DATE
TDS, mg/l	3,770	9-15-88
TSS, mg/l	2.4	9-17-88
SS, mg/l	<.1	9-15-88
Hardness as $CaCO_3$, mg/l	1,680	9-28-88
Acidity as $CaCO_3$, mg/l	0	9-14-88
Carbonate as CO_3, mg/l	14.1	9-27-88
Bicarbonate as HCO_3, mg/l	192	9-27-88
Calcium as Ca, mg/Kg	424	10-20-88
Chloride as Cl, mg/l	305	10-17-88
Iron as Fe (D), mg/l	0.138	10-14-88
Magnesium as Mg, mg/l	206	10-20-88
Manganese as Mn (T), mg/l	0.025	10-14-88
Potassium as K, mg/l	12.8	10-20-88
Sodium as Na, mg/l	469	10-20-88
Sulfate as SO_4, mg/l	2,160	10-3-88
Oil & Grease, mg/l	<.5	9-13-88
Cation, meq/l	58.8	
Anion, meq/l	57.2	

Rex Henderson

HIDDEN VALLEY MINE
WATER MONITORING SUMMARY
SEPTEMBER 9, 1988

Karla Knoop, JBR Consultants Group

Location	Time	Flow (cfs)	Temp. °C	pH	Conductivity (micromhos/ cm_2)	Dissolved Oxygen (mg/l)
#1 Ivie Ck (upper)	1145	0.6	17	8.3	4000	9.8
#2 Ivie Ck (lower)	1030	0.6	16.2	8.5	4000	9.2