STATE OF UTAH
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION
150 North 1950 West, 2nd floor
Salt Lake City, UT 84116
Mailing Address:
PO Box 144840
Salt Lake City, UT 84114-4840
(801) 536-4100

FAX NUMBER (801) 359-8853

FAX COVER SHEET

DATE: Oct. 6, 1993

TO: Wayne Hedberg

AGENCY/FIRM: Utah Division of Oil, Gas, & Mining

FAX NUMBER: 359-3940

FROM: Steven Thiriot

PAGES TO FOLLOW: 9

COMMENTS:

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

COPY

MAY 1991
Bureau of Water Pollution Control

May 14, 1991

Larry
Mack

Mr. Robert L. Morgan, P.E.
State Engineer
Division of Water Rights
1636 West North Temple
Suite 220
Salt Lake City, Utah 84116

Dear Mr. Morgan:

Re: Abandoned Kinetics Minerals, Inc., Tailings Pond at State Line Mine, DOE/021/006 and E/021/013, Iron County, Utah

I am in receipt of your April 26, 1991 letter detailing pond liner condition and monitoring well observations based on an inspection conducted by your staff April 23, 1991, at the above site.

I appreciate your update on the status of this abandoned site. Our records indicate this mining operation was active post-1977, but was never permitted or bonded because it was exempted by statute and regulation due to its size. On this basis, there are no funds set aside for reclamation of this site. I understand that attempts to locate the operators of this site indicate these persons are no longer in Utah.

Should additional information be required, please advise.

Best regards,

Dianne R. Nielson
Director

vb
cc: Don Ostler, BWPC
L. Braxton
W. Hedberg
MI117/42

an equal opportunity employer

FILE COPY

DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

Norman H. Bangerter
Governor
Suzanne Dandoy, M.D., M.P.H.
Executive Director
Kenneth L. Alkema
Director

288 North 1460 West
P.O. Box 16690
Salt Lake City, Utah 84116-0690
(801) 538-6121

COPY

December 26, 1990

Wayne Thomas, P.E.
Southwest District Engineer
88 E. Fiddler Canyon Road, Suite H
Cedar City, Utah 84720

RE: Abandoned Kinetics Minerals Tailings Pond at the State Line Mine

Dear Mr. Thomas:

According to our records Kinetics Minerals (State Line Mine) received a construction permit on September 16, 1983, for a tailings pond at the site north of Modena, Utah. About a year ago Mack Croft inspected the site after we received a letter from DNR. There was no activity at the site and the mine and tailings pond were apparently abandoned. The tailings pond was fenced but the liner beneath the tailings was beginning to show some signs of deterioration. A letter was written to Kinetics Minerals but was returned by the Post Office.

Inquiries by Mack were made to former employees who reported that the tailings pond contained mostly ore treated with flotation agents. Some cyanide treated ore may have been disposed of before flotation agents were used. The company is now out of business and Howard Bovers, the former company President, has left the state and so has the company's Vice President.

According to the analysis of a "grab" water sample you collected at the site, November 9, 1990, water contained in ppm.

<.02 Cn
<.002 Hg
<.002 Cd
but .84 Pb.

The limit for Pb in drinking water is .05 mg/l. The water therefore should be considered as potentially hazardous, particularly for small animals and birds.

FILE COPY

The BLM in Cedar City is not sure if the property on which the pond is located is on their land, or is on patented land which was recently sold at a Sheriff's sale. Since the sample shows the site presents a potential hazard to small animals, and to some degree, to surface or ground water, the owners should be required to reclaim the site when the property ownership is determined. We can only suggest you pursue the ownership question. It is unclear at this time who the appropriate lead agency should be, but reclamation of mine sites have normally been handled by DOGM and/or the BLM and it would seem appropriate that they help with this issue. We are sending letters to these agencies requesting their involvement.

Sincerely,

Don A. Ostler, P.E., Director
Bureau of Water Pollution Control

MGC

Enclosure

DAO:MC:kc/rvg

cc: Brad Johnson, BERR

Q:SLMINE1.TR

SOUTHERN UTAH STATE TESTING LAB
SCIENCE BLDG. - ROOM 010
351 WEST CENTER
CEDAR CITY, UT 84720

SAMPLE NUMBER : K0901064 COST : 32.40

TIME COLLECTED : 1035 DATE COLLECTED : 11-8-90

DATE RECIVED : 11-9-80

DATE COMPLETED : 8-DEC-1990 DATE SENT : 12-10-90

INVOICE NUMBER : G-K0901064

COLLECTOR : WAYNE THOMAS

SITE LOCATION : STATE LINE MINE SOLUTION POND

SEND RESULTS TO : BUREAU OF WATER POLLUTION CONTROL
P.O. BOX 16690
SALT LAKE CITY, UT.
84116-0690

ALL RESULTS IN MILLIGRAMS/LITER (ppm)

ANIONS	CATIONS	CATIONS	GEN PRAM	OXYGEN	CHECKS
	water sample	* 0.840 Pb			
< 0.02 CN					
		<0.001 Hg			
	<0.002 Cd				

limit on lead is .05

NOTES :

Dear Customer:

We are unable to include the full name of test on your result sheet. Therefore, we are providing the following abbreviation key:

ABBREVIATION KEY:

ANIONS		CATIONS		-CATIONS		GEN PRAM		OXYGEN		CHECKS	
BICARB	BICAR	ALUMINUM	Al	IRON TOT	Fe-T	ALKALNTY	ALKAN	BOD	BOD	ANION	
CARBONAT	CO3	AMMONIUM	NH3	LEAD	Pb	CO_2	Co2	COD	COD	CAT	
CHLORIDE	Cl	ANTIMONY	Sb	MOLYBDNM	Mo	CONDUCT	COND	DO	DO	CHbal	
CHLOR RESID	Cl rs	ARSENIC	As	MAGNESIUM	Mg	HARDNESS	HARD	TOC	TOC	MASS	
CYANIDE	CN	BARIUM	Ba	MANGANESE	Mn	KJEL N	KJEL	FECAL COL	FEcol	COND	
FLUORIDE	FLUOR	BERYLLIUM	Be	MERCURY	Hg	pH	PH	FECAL TOT	FEC/T	TDS	
HYDROXIDE	OH	BORON	B	NICKEL	Ni	SILICA	SiO	ME COL	MFCOL	U.W.	
NITRATE	NO3	CADMIUM	Cd	POTASSIUM	K	SURFACTANT	SURF	TOT COL	Tcol		
NITRITE	NO2	CALCIUM	Ca	SELENIUM	Se	SET SLD	SETsd	PLATE COUNT	PLATE		
OIL		CHROM +6	Cr+6	SILVER	Ag	SUS SLD	SUSsd				
PHENO		CHROM TOT	Cr	SODIUM	Na	VOL SLD	VOLsd				
PHOS ORT	P-ort	COBALT	Co	VANADIUM	V	TDS	TDS				
PHOS TOT	P-tot	COPPER	Cu	ZINC	Zn	TURBIDITY	TURBI				
SULFATE	SO4	GERMANIUM	Ge			VOL ACIDS	Vacid				
		IRON FILTER	Fe					SOIL		FREE CYANIDE	Fr-CN

DEC 1990