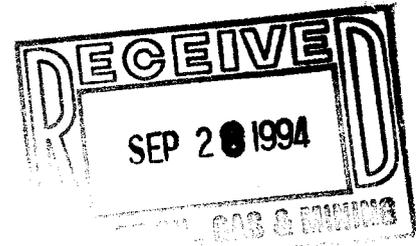


AC → Henry

MEMORANDUM



TO: Lisa Rogers

FROM: Mark Novak *MTN*

DATE: September 26, 1994

*ACT/10/15/002 # 2*

SUBJECT: Sludge Application Proposal, J.B. King Minesite

*Copy Henry*

I have reviewed the sludge application proposal for the J.B. King minesite in Emery County. From the information presented in the proposal it seems likely that this site would not be particularly vulnerable to ground water contamination. However, in order to make this decision, and to have enough documentation to justify it in case of inquiry from the public, at the very least we would need to know the site's exact location. The site location plotted on a standard USGS topographic map would give us a great deal of information on its setting in relation to waterbodies and geologic formations which may contain aquifers. Also, because this is a mine site, a great deal of geologic and possibly hydrogeologic information should be available which could support the proposition that sludge application would not cause ground water contamination.

The information presented in the September 19, 1994 proposal is not adequate for us to approve it.

# CHEMTECH/FORD

DOG M

## ANALYTICAL LABORATORIES

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September 27, 1994

Western States Mineral  
250 So. Rock Blvd. #130  
Reno, NV 89502

94-082070A

attn: E.M. Gerick

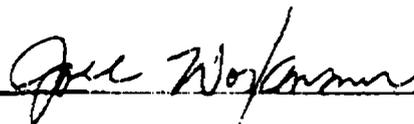
SAMPLE: Sludge sample from Price River Water Imp. District  
received 8-23-94 for Organic Carbon analysis

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### RESULTS

Organic Carbon Method 9060

19.5 +/- 4.7 %



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FORD LABORATORIES, INC.

# CHEMTECH/FORD

## ANALYTICAL LABORATORIES

DATE: 09/19/94

WESTERN STATES MIN.  
E.H. GERICK  
250 S ROCK BLVD #130  
RENO, NV 89502

94-082070

SAMPLE: SLUDGE SAMPLE FROM PRICE RIVER WATER IMP. DISTRICT  
RECEIVED 8-23-94 FOR ANALYSIS.

	Results	Method Detection Limit
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- DRY WEIGHT BASIS		
Arsenic As mg/kg EPA 6010	.686	.0100
Cadmium Cd mg/kg EPA 6010	5.9	1.0
Chromium Cr mg/kg EPA 6010	45.5	1.0
Copper Cu mg/kg EPA 6010	382	1.00
E. Coli/gram FDA BAM	27400	
Lead Pb mg/kg EPA 6010	107	2.000
Mercury Hg mg/kg EPA 7471	3.81	.20
Molybdenum Mo mg/kg EPA 6010	3.4	1.0
Nickel Ni mg/kg EPA 6010	26.4	1.00
Salmonella/Gram(dry wt basis)	<2	
Selenium Se mg/kg EPA 6010	9.83	1.000
Zinc Zn mg/kg EPA 6010	1070	1.0
Nitrate NO3N mg/kg SM4500NO3	212	1
Nitrite NO2-N mg/kg EPA 354.1	9.04	
Tot.Kjel.Nit. mg/kg EPA 351.4	15300	

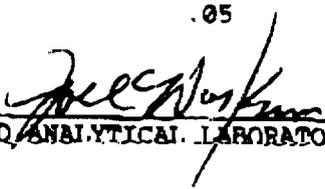
# CHEMTECH/FORD

## ANALYTICAL LABORATORIES

PAGE: 2

94-082070

	Results	Method Detection Limit
Total Solids & SM 2540 G	87.5	.05

  
FORD ANALYTICAL LABORATORIES

\* ND - None Detected Above Specified Detection Limit \*