

000



MT NEBO SCIENTIFIC
research & consulting

Sharon: Route to File
ACT 007/012
File

October 16, 1992

Daron Haddock, Permit Supervisor
STATE OF UTAH, Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

RE: MONTHLY FINES REPORT AT WELLINGTON

Dear Mr. Haddock:

Please find enclosed the "Monthly Report for the Wellington Fines Removal Study" for CASTLE VALLEY RESOURCES. Please call if you have questions.

Sincerely,

Patrick D. Collins, Ph.D.
Environmental Consultant

Enclosure

cc: Jay Marshall

RECEIVED

OCT 26 1992

DIVISION OF
OIL GAS & MINING

**MONTHLY REPORT
FOR THE
WELLINGTON FINES REMOVAL STUDY**

to

**STATE OF UTAH
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180**

for

**CASTLE VALLEY RESOURCES, INC.
P.O. Box 1282
Huntington, Utah 84528**

by

**MT. NEBO SCIENTIFIC
P.O. Box 337
Springville, Utah 84663**

October 16, 1992



**MONTHLY REPORT
FOR THE
WELLINGTON FINES REMOVAL STUDY**

Current Month - September 1992
Subsequent Month - October 1992

INTRODUCTION

As outlined in previous monthly reports, CASTLE VALLEY RESOURCES was granted authorization by the State of Utah, Division of Oil, Gas & Mining (DOGM) to conduct a pilot study to remove coal slurry fines from the pond areas at the Wellington site. Prior to DOGM approval (August 23, 1991), an application was submitted as a permit amendment (April 25, 1991) and deficiencies subsequently addressed (July 15, 1991). Refer to Appendix M of the MRP for these documents.

Primary purpose of the pilot study is to compare methodologies and costs for fines removal for reclamation and/or marketability.

Monthly Reports

With the authorization from DOGM, CASTLE VALLEY RESOURCES agreed to comply with several environmental and engineering provisions previously outlined in the submittal dated July 15, 1991. One of the stipulations was to present monthly reports to DOGM summarizing the past month's activities, plus an outline of activities planned for the following month. This report will attempt to comply with these provisions.

CURRENT MONTH ACTIVITIES (September 1992)

Some delays in equipment availability for the trial demonstration to dry fines (as outlined in last month's report) has again postponed this procedure. The month of September will be used work with calculations made of the volume of fines available in the dry ponds obtained in August. These data will be used for an engineering design planned to assist in a feasibility study for use of the fines.

SUBSEQUENT MONTH ACTIVITIES (October 1992)

It is anticipated that the activities in October will be similar to those in September. The month will also continue to plan, design and prepare the equipment for a demonstration to dry

some of the coal fines. As outlined previously, approximately 4-5 tons of fines will soon be blown through an air chamber as an attempt to dry the material. The blower will be a customized design with 3 diesel motors, a hopper belt, and an air chamber.

The demonstration will be conducted on the south side of the upper pond near the dike. Castle Valley Resources will terminate the test if any violation is anticipated.

An earlier request for the demonstration from Castle Valley Resource was approved by DOGM (May 18, 1992). A DOGM inspector will be present during the procedure.