



MT NEBO SCIENTIFIC
research & consulting

December 9, 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: Larry Johnson

RECEIVED

DEC 14 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

December 9, 1992



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

Current Month - November 1992
Subsequent Month - December 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 an 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 (November 1992)

The activities for the month of November will virtually be the same as October. It will be used to work with calculations made of the volume of fines available in the dry ponds obtained in August. These data continue to be used for an engineering design planned to assist in a feasibility study for use of the fines.

Work will also be conducted to pursue the possibility of using the pond area for future water storage for an industrial park.

SUBSEQUENT MONTH ACTIVITIES (December 1992)

It is anticipated that the activities in December to dig a few holes with a backhoe in the "coarse refuse" to see if some fines lie beneath them. 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.

Work will also be conducted to pursue the possibility of using the pond area for future water storage for an industrial park and/or irrigation.

**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**

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by

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

November 10, 1992



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

Current Month - October 1992
Subsequent Month - November 1992

INTRODUCTION

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CURRENT MONTH ACTIVITIES (October 1992)

The month of October 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 (November 1992)

It is anticipated that the activities in November will be similar to those in October. Additionally, some holes will be planned to be dug in the "coarse refuse" to see if some fines lie beneath them. 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.

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