



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

January 31, 1989

Mr. David R. Smaldone, Director
Permitting, Compliance and Services
Mining Division
Utah Power and Light Company
41 North Redwood Road
Salt Lake City, Utah 84140

Dave

Dear Mr. Smaldone:

Re: Submittal of Annual Report for 1988, Utah Power and Light Company, Des-Bee-Dove Mine, ACT/015/017, Deer Creek Mine, ACT/015/018, and Cottonwood/Wilberg Mine, ACT/015/019, Folder #6, Emery County, Utah

Enclosed you will find the 1988 annual report form which must have a copy for each mine submitted to the Division by March 31, 1989. Please submit the attached one-page sheet with reports for all applicable categories appended.

We appreciate your timely consideration of this reporting.

Sincerely,

Lowell P. Braxton

Lowell P. Braxton
Administrator
Mineral Resource Development
and Reclamation Program

djh
Enclosure(s)
AT57/18

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 Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

(801) 538-5340

Operator: _____
Mine Name: _____
Mailing Address: _____
Company Representative: _____
Permit Number: _____
Date of Most Recent Permanent Program Permit: _____
Quantity of Coal Mined (tonnage) 1988: _____

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



State of Utah

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

July 5, 1988

TO: John J. Whitehead, Permit Supervisor

FROM: Brent Stettler, Reclamation Specialist *Brent*

RE: 1987 Vegetation Monitoring Report for Utah Power and Light Company's Deer Creek Mine, ACT/015/018; Des Bee Dove Mine, ACT/015/017; and Cottonwood/Wilberg Mine, ACT/015/019; Folder #6, Emery County, Utah

In general, the report was thorough and provided the necessary information. A few minor problems were evident however.

The method used to sample vegetative cover (modified pin frame), was not the method named in the permits (line intercept). Although pin frame sampling would be acceptable, the method identified by the permits should be used.

"Vegetation Information Guidelines," page 11, specify that 50 points rather than 10 constitute a single sample. This reduces sampling error. Although greater effort will be required to achieve a single sample, the number of samples needed to satisfy sample adequacy will be fewer.

A request was made to discontinue sampling of Cottonwood's old fan portal road (pp. 124-126), and reclaimed slope (pp. 134-137). For permanent reclamation the Division recommends annual qualitative observations, and quantitative sampling during years two, three, five, nine and ten.

A few errors or omissions were identified, as follow:

(1) Two desirable cover species found on Des Bee Dove's haulroad bench appear to be misidentified (page 34); neither Atriplex corrugata nor any Agropyron species was listed in the seed mix (page 32).

(2) A complete set of Vegetation Field Notes was not submitted for Cottonwood's 4th east road.

Page 2
John J. Whitehead
ACT/015/017
ACT/015/018
ACT/015/019
July 5, 1988

(3) Page 128 mistakenly compared Cottonwood's reclaimed slope and its reference area rather than Cottonwood's fan portal road and its reference area, which was intended. A comparison of the latter did not appear elsewhere in the text.

(4) - Pages 43-45 were missing from the Des Bee Dove Bathhouse report.

Overall, revegetation was described as doing well, although several problem areas occurred:

(1) The vegetation on Des Bee Dove's haulroad bench consisted of 24.8% undesirable and 1.8% desirable vegetation. Poor soil conditions were suspected. Soil testing may be warranted.

(2) More than half of Cottonwood's waste rock berms and cells exhibited fair or poor revegetation establishment even after three or four years. These sites may be cause for concern.

BS/as
1369R/45-47



1407 West North Temple
P.O. Box 899
Salt Lake City, Utah 84110

File 015/018 # 6
015/019 # 6
→ 015/017 # 6
RECEIVED
JUN 20 1988

DIVISION OF
OIL, GAS & MINING

June 20, 1988

Mr. John Whitehead, Permit Supervisor
Division of Oil, Gas & Mining
State of Utah
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Whitehead:

Currently the Deer Creek and Des-Bee-Dove mid-term review information is in the process of being completed. This information will be submitted to the Division on or before June 30, 1988.

Submitted to you today is the annual vegetation report. The subsidence and hydrology annual reports will be submitted prior to June 30, 1988.

Sincerely,

David Smaldone
Director of Permitting,
Compliance & Services
Mining Division

DS:bb:5994
Enclosure

**Utah
power**
& LIGHT COMPANY
MINING DIVISION
P.O. Box 310
Huntington, Utah 84528

ACT/015/018 #6
→ ACT/015/019 #6
ACT/015/017 #6
RECEIVED
APR 13 1988

DIVISION OF
OIL, GAS & MINING

April 11, 1988

Mr. Lowell P. Braxton, Administrator
Mineral Resource Development
and Reclamation Program
State of Utah, Division of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

Re: Submittal of Annual Report for 1987
Des Bee Dove, Cottonwood-Wilberg, Deer Creek Mines

Enclosed are completed annual report forms, State number 1426R/1, for the Utah Power and Light Company Mines identified above.

We have previously transmitted the updated mine sequence maps for each of the mines to you.

The reports for hydrologic monitoring, precipitation or other climatological data and vegetation monitoring will be transmitted to you prior to the end of this month. As has been the case in past years, our subsidence monitoring report will not be available until June.

All of the permit stipulations and special conditions for each mine have been reviewed and we have found them to be in compliance with the following exceptions:

Special Condition No. 6 of the Deer Creek permit and Special Condition No. 2 of the Cottonwood/Wilberg permit, both involving the same water replacement issue, are still under legal appeal. Utah Power and Light is in compliance of the Special Conditions however, as no water has been demonstrated to have been lost or adversely effected by our mining operations.

Special Condition No. 3 of the Des-Bee-Dove permit has never been addressed by either DOGM, OSM or Utah Power and Light Company as can be determined by a complete review of our files. Under separate cover I am sending you a letter stating that we will agree to leave the gate at its current location, which is one of the two stipulation alternatives.

Attachment A - Stipulation Documents to the Deer Creek approved permit, lists four stipulations, and provides that within 30 days of permit approval the applicant shall commit to each of the four stipulations. It has been Utah Power and Light Company's position that these commitments were made at the time the permit was signed on behalf of the company.

If you have any questions concerning these matters please contact me at 801-687-9821.

Sincerely,



Ray Christensen
Manager Permitting and
Compliance

cc: R. Fry
J. Hislop
D. Jense
M. Moon
V. Payne

[Revised January 1988]

COAL MINING AND RECLAMATION OPERATIONS FOR 1987
(Authority UMC 784)

(Must be submitted to the Division by March 31, 1988)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203
(801) 538-5340

Operator: Utah Power & Light Co. - Mining Division

Mine Name: Des-Bee-Dove Mine

Mailing Address: P.O. Box 310 Huntington, Utah 84528

Company Representative: J. Brett Harvey, Vice President

Permit Number: ACT/015/017

Date of Most Recent Permanent Program Permit: 8-29-85

Quantity of Coal Mined (tonnage) 1987: 90,456

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

jr
1426R/1

[Revised January 1988]

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(Must be submitted to the Division by March 31, 1988)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203
(801) 538-5340

Operator: Utah Power & Light Co. - Mining Division
Mine Name: Deer Creek Mine
Mailing Address: P.O. Box 310 Huntington, Utah 84528
Company Representative: J. Brett Harvey, Vice President
Permit Number: ACT/015/018
Date of Most Recent Permanent Program Permit: 2-7-86
Quantity of Coal Mined (tonnage) 1987: 2,504,140

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

jr
1426R/1

[Revised January 1988]

COAL MINING AND RECLAMATION OPERATIONS FOR 1987
(Authority UMC 784)

(Must be submitted to the Division by March 31, 1988)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203
(801) 538-5340

<u>Operator:</u>	Utah Power & Light Co. - Mining Division
<u>Mine Name:</u>	Cottonwood/Wilberg Mine
<u>Mailing Address:</u>	P.O. Box 310 Huntington, Utah 84528
<u>Company Representative:</u>	J. Brett Harvey, Vice President
<u>Permit Number:</u>	ACT/015/019
<u>Date of Most Recent Permanent Program Permit:</u>	6-15-84
<u>Quantity of Coal Mined (tonnage) 1987:</u>	3,107,014

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

jr
1426R/1