



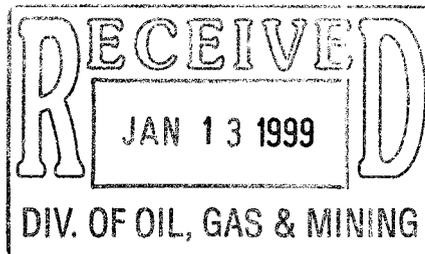
PO Box 310
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Charles A. Semborski
Geology/Permitting Supervisor
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ACT/015/009 #7 ACT/015/019 #7
ACT/015/017 #7 ACT/015/018 #7

December 29, 1998

UTAH COAL REGULATORY PROGRAM
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801



Attention Ken Wyatt:

Re: THIRD QUARTER 1998 HYDROLOGIC MONITORING DATA, PACIFICORP,
EMERY COUNTY, UTAH.

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, submits the field data and supporting analyses and weather charts for the third quarter of 1998. Remember, these data are in raw form and are not intended to represent any hydrologic conclusions.

Sincerely yours,

Charles A. Semborski

CAS/cas
Enclosure

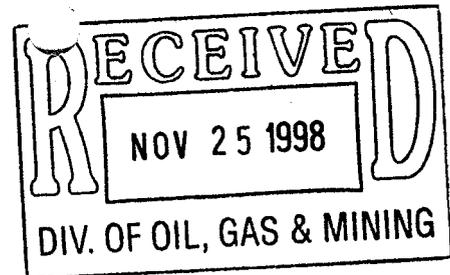
cc: Carl Pollastro, without enclosure
Dennis Oakley, without enclosure

F:\PCCOMMON\GEO\PERMIT\HYDRO\FIELD3.98

Huntington Office:
(435) 687-9821
Fax (435) 687-2695
Purchasing Fax (435) 687-9092

Deer Creek Mine:
(435) 687-2317
Fax (435) 687-2285

Trail Mountain Mine:
(435) 748-2140
Fax (435) 748-5125



November 20, 1998

Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, UT 84114-4870

*FA x PFO, Copy Ken
ACT/015/019 #7
ACT/015/009 #7*

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of October 1998.

Please be advised that the Trail Mountain Mine, UPDES permit number UTG040003-002, exceeded effluent limitation on Total Dissolved Solids (TDS). The elevated TDS loading is being attributed to the quantity of mine water discharged from the Trail Mountain Mine. Average discharge for the month was recorded at 332 gpm while the quality was 928 mg/L TDS. Loading of TDS in the Cottonwood Creek calculated to 3702.33 lbs/day. PacifiCorp has an approved UPDES permit which will be effective 12/1/98 that limits TDS to 1200 mg/L instead of the current 1 ton per day.

Also note that the Cottonwood/Wilberg Mine, UPDES permit number UT0022896-001 had discharged during the month of October. Total discharge for the month measured 194 gallons. Therefore, a sample for discharge point 001 was not taken.

If you have any questions concerning this report, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Sincerely,

Carl Pollastro
Technical Services Manager

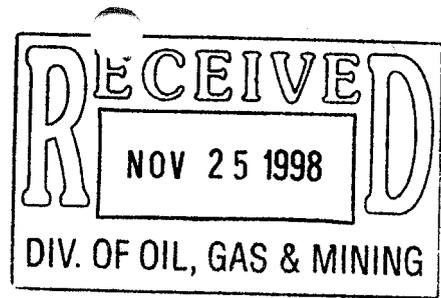
G:\PCCOMMON\PCCOMMON\Environmental\UPDES\COVER\Oct98.doc

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Division of Environmental Quality
November 20, 1998
Page 2 of 2



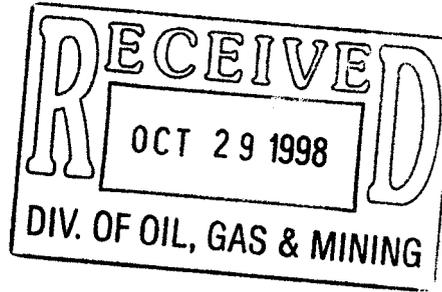
Cc: Division of Oil, Gas and Mining, without Hunter reports
Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
Chuck Semborski, with enclosures
Dennis Oakley, “
Tom Lloyd, “
Ken Fleck “
J. Blake Webster, without enclosures

One Utah Center, Suite 2000
Salt Lake City, Utah 84140-0020
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A Subsidiary of PacifiCorp

Rodger C. Fry
Exploration Administrator
(801) 220-4610
FAX (801) 220-4578



October 26, 1998

Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of September 1998.

Please be advised that the Trail Mountain Mine, UPDES permit number UTG040003-002, exceeded effluent limitation on Total Iron and Total Dissolved Solids (TDS). The Trail Mountain permit allows 1.0 ppm Total Iron in the mine discharge water. The sample taken on September 9, 1998 had a value of 1.2 ppm. Recently, the Trail Mountain Mine has had a problem meeting effluent limitations on Total Iron and is being attributed to elevated Iron of the intercepted groundwater in the western portion of the mine.

The elevated TDS loading is being attributed to the quantity of mine water discharged from the Trail Mountain Mine. Maximum discharge was recorded on 9/9/98 at 460 gpm while the quality was 898 mg/L TDS. Loading of TDS in the Cottonwood Creek calculated to 4963.9 lbs/day. PacifiCorp is currently awaiting an approved discharge permit that would allow a quality of 1000 mg/L TDS to be discharged from the mine.

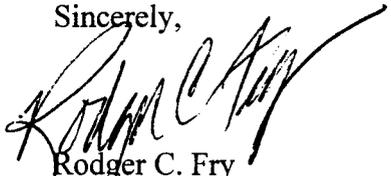
Also note that the Cottonwood/Wilberg Mine, UPDES permit number UT0022896-001 has exceeded effluent limitation on TDS. The quality of mine discharge was 1038.0 mg/L TDS on September 17, 1998 while the UPDES limitation is set at 1000.0 mg/L. Over the past 12 months the quality has averaged 802 mg/L TDS, but trending upward. PacifiCorp will closely monitor the discharge of the Cottonwood/Wilberg Mine to determine if a problem exists.

ACT/015/009 # 7
and Copy ACT/015/019 # 7
*

Division of Water Quality
October 26, 1998
Page 2 of 2

If you have any questions concerning this report, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Sincerely,



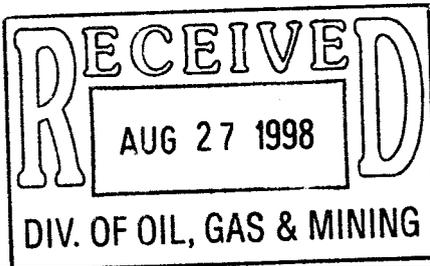
Rodger C. Fry
Exploration Administrator

RCF/DCO
Enclosures

cc: Utah State Division of Oil, Gas and Mining, without Hunter reports
Coal Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801
C. Semborski, with enclosures
D. Oakley "
T. Lloyd "
K. Fleck "
J. B. Webster, without enclosures
C. Pollastro "



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August 26, 1998

UTAH COAL REGULATORY PROGRAM
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Copy Ken

*Letter
Copy*

*ACT/015/009 #7
ACT/015/017 #7
ACT/015/018 #7
ACT/015/019 #7*

Attention Ken Wyatt:

Re: SECOND QUARTER 1998 HYDROLOGIC MONITORING DATA, PACIFICORP,
EMERY COUNTY, UTAH.

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, submits the field data and supporting analyses and weather charts for the second quarter of 1998. Remember, these data are in raw form and are not intended to represent any hydrologic conclusions.

Sincerely yours,

Charles A. Semborski

CAS/cas
Enclosure

cc: Carl Pollastro, without enclosure
Dennis Oakley, without enclosure

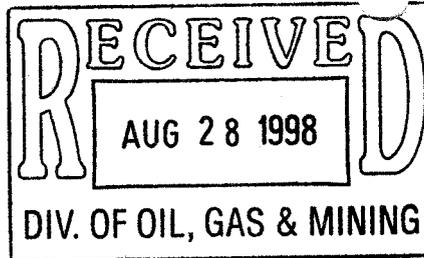
F:\PCCOMMON\GEO\PERMIT\HYDRO\FIELD2.98

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A Subsidiary of PacifiCorp

August 25, 1998

2 3

Rodger C. Fry
Exploration Administrator
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FAX (801) 220-4578

Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P. O. Box 144870
Salt Lake City, UT 84114-4870

Gentlemen:

ACT/015/009 #7
ACT/015/017 #7
ACT/015/018 #7
copy

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of July 1998.

ACT/015/019 #7

Please be advised that Trail Mountain Mine, UPDES permit number UTG040003-002, exceeded the Total Dissolved Solids (TDS) and Total Iron effluent limitations. Non-compliance occurred on the Trail Mountain Mine discharge 002. The discharge was sampled twice during the month of July -- on July 13, 1998 and July 28, 1998. The analysis reports were received August 20, 1998.

Non-compliance was caused by discharging a surplus of intercepted water from the underground mining operations. The maximum lbs/day TDS was calculated at 4578.45 lbs/day. The TDS in units of mg/L was only 862. PacifiCorp has requested that the Trail Mountain UPDES permit be converted from a General to a Site Specific/Individual permit to allow for water intercepted in the mine to be discharged based on the Total Dissolved Solids instead of the current tonnage limit. PacifiCorp received the statement of basis and draft permit on August 15, 1998 and is awaiting final approval.

If you have any questions, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Sincerely,

Rodger C. Fry
Exploration Administrator

RCF/DCO/sh
Enclosures

Department of Environmental Quality
August 25, 1998
Page Two

- c: United States Environmental Protection Agency, with enclosures
 - Region VIII
 - Denver Place
 - 999 18th Street, Suite 500
 - Denver, CO 80202-2405
- Utah State Division of Oil, Gas and Mining, without Hunter reports ✓
 - Coal Regulatory Program
 - 1594 West North Temple, Suite 1210
 - Box 145801
 - Salt Lake City, UT 84114-5801
- C. Semborski, with enclosures
- D. Oakley "
- T. Lloyd "
- K. Fleck "
- J. B. Webster, without enclosures
- C. Pollastro "

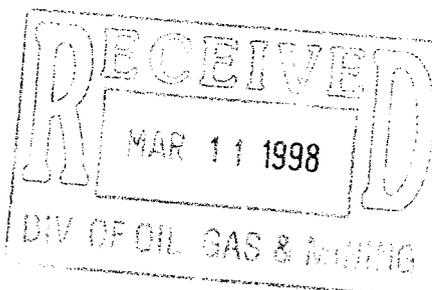
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(801) 220-4616 • FAX (801) 220-4725



A Subsidiary of PacifiCorp

February 17, 1998

Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P. O. Box 144870
Salt Lake City, UT 84114-4870



Rodger C. Fry
Exploration Administrator
(801) 220-4610
FAX (801) 220-4578

ACT 1015 1010 #7
ACT 1015 1012 #7
ACT 1015 1009 #7
ACT 1045 1019 #7

Gentlemen:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of January 1998.

Please be advised that the Trail Mountain Mine, UPDES permit number UTG040003, has exceeded effluent limitations. Non-compliance occurred on the Trail Mountain sediment pond discharge 001. The discharge was sampled January 23, 1998, and the analysis was received on February 13, 1998 with a reported Oil and Grease value of 11 mg/L, which exceeds the daily maximum value of 10 mg/L. Non-compliance was caused by the formation of ice around the overflow of the pond, which allowed the Oil and Grease to bypass the oil skimmer. Discharge occurred for three (3) days, at which time the decant was shut. Discharge from the Trail Mountain sediment pond was terminated.

Dennis Oakley of Energy West contacted Steve McNeal, the permit administrator, by telephone on February 17, 1998 to inform him of the non-compliance. Mr. McNeal advised him that a formal written submission within the 5-day period is not necessary but needs to be included with the monthly report.

In addition, the Trail Mountain Mine is permitted under a general permit the with Total Dissolved Solids limitation of 2,000 lbs/day for both the sediment pond and mine discharge. As discussed, interception of groundwater has steadily increased as mining has proceeded to the west. Trail Mountain Mine discharge (UTG040003-002) remained in compliance until the month of November. Mine discharge was sampled January 9, 1998 and the analysis was received on January 20, 1998 with a reported Total Dissolved Solids value of 1000 mg/l. Combined with total discharge volume from the mine, TDS exceeds the daily maximum of 2000 lbs/day. As indicated in the letter dated December 19, 1997, PacifiCorp requested that the Trail Mountain Mine UPDES General Permit UTG040003 (expires on April 30, 1998) be converted from a General to Site Specific/Individual Permit to allow intercepted groundwater to be discharged based on the Total Dissolved Solids instead of the current tonnage limit.

Sincerely,

Rodger C. Fry
Exploration Administrator

RCF/DCO/sh
Enclosures

Department of Environmental Quality
February 17, 1998
Page Two

cc: United States Environmental Protection Agency, with enclosures
Region VIII
Denver Place
999 18th Street, Suite 500
Denver, CO 80202-2405
Utah State Division of Oil, Gas and Mining, without Hunter reports
Coal Regulatory Program
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C. Pollastro "

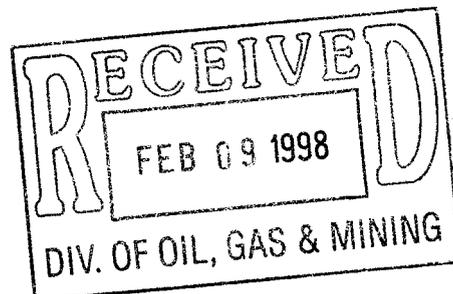


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Charles A. Semborski
Geolog/Permitting Supervisor
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FAX (801) 687-2695

February 6, 1998

UTAH COAL REGULATORY PROGRAM
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801



Attention Ken Wyatt:

Re: FOURTH QUARTER 1997 HYDROLOGIC MONITORING DATA, PACIFICORP,
EMERY COUNTY, UTAH.

ACT 1015/009 #7

*Copy letter to Act/015/017 #7
Act/015/018 #7
Act/015/019 #7*

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, submits the field data and supporting analyses and weather charts for the fourth quarter of 1997. Remember, these data are in raw form and are not intended to represent any hydrologic conclusions.

Sincerely yours,

Charles A. Semborski

CAS/cas
Enclosure

cc: Carl Pollastro, without enclosure
Richard Northrup, without enclosure

F:\PCCOMMON\GEO\PERMIT\HYDRO\FIELD4.97

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