ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

Charles A. Semborski
Geology/Permitting Supervisor
P. O. Box 310
Huntington, UT 84528
(801) 687-4720
FAX (801) 687-2695

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

December 29, 1998

RECEIVED
JAN 13 1999
DIV. OF OIL, GAS & MINING

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

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

RECEIVED
JAN 08 1999
DIV. OF OIL, GAS & MINING

January 5, 1999

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

ACT/015/009 #7
Copy ACT/015/017 #7
Copy ACT/015/018 #7
Copy ACT/019 #7 Copy Nina

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 November 1998.

Please be advised that the Deer Creek Mine, UPDES permit number UT0023604-001 exceeded effluent limitations on Total Suspended Solids (TSS) with a value of 49 mg/L. The lab analysis report was received on December 11, 1998 after the time which the discharge point could not be resampled. Energy West characterizes the exceeded parameter as a spike value which does not typify the 30 day average. The Deer Creek sediment pond was sampled on December 8, 1998 with a reported value of 22 mg/L (within compliance).

Also note that the Trail Mountain Mine, UPDES permit number UTG040003-002, exceeded its 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 384 gpm while the quality was 986 mg/L TDS. Loading of TDS in the Cottonwood Creek calculated to 4549.85 lbs/day. PacifiCorp has an approved UPDES permit which will become effective 12/1/98 that limits TDS to 1200 mg/L instead of the current 1 ton per day.

Along with the exceedances, please note that the Cottonwood/Wilberg Mine, UPDES permit number UT0022896-001 had discharged during the month of November. Total discharge for the month measured 3,086,862 gallons. Several attempts were made to sample the intermittent mine discharge without success. The Cottonwood/Wilberg Mine is located approximately 30 miles from the Energy West main office in Huntington, Utah.

\\EWMMO\VOL2\PCCOMMON\PCCOMMON\Environmental\UPDES\COVER\nov98.doc

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

Mr. Steve McNeal from the Division of Water Quality was contacted by Dennis Oakley on December 15, 1998 and advised of the exceedances from the Deer Creek and Trail Mountain mines. Discussion was also made concerning the missed sample at the Cottonwood/Wilberg Mine. Mr. McNeal instructed Mr. Oakley to note the exceedances and missed sample and submit with the monthly DMR reports. It was also agreed upon between Mr. McNeal and Mr. Oakley to submit the November DMR report near the first part of January since the company's Environmental Department was to be vacant during the last two weeks of December.

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

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

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

RECEIVED
NOV 25 1998
DIV. OF OIL, GAS & MINING

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

FAX 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

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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

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NOV 25 1998
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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
(801) 220-4616 • FAX (801) 220-4725

RECEIVED
OCT 29 1998
DIV. OF OIL, GAS & MINING

INTERWEST MINING COMPANY

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

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

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 "

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

RECEIVED
AUG 27 1998
DIV. OF OIL, GAS & MINING

2.2

Charles A. Semborski
Geolog/Permitting Supervisor
P. O. Box 310
Huntington, UT 84528
(801) 687-4720
FAX (801) 687-2695

August 26, 1998

Copy Ken

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

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

One Utah Center, Suite 2000
Salt Lake City, Utah 84140-0020
(801) 220-4616 • FAX (801) 220-4725

RECEIVED
AUG 28 1998
DIV. OF OIL, GAS & MINING

INTERWEST MINING COMPANY

A Subsidiary of PacifiCorp

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

August 25, 1998

2.2

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

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

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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State of Utah
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY

Michael O. Leavitt
Governor
Dianne R. Nielson, Ph.D.
Executive Director
Don A. Ostler, P.E.
Director

288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
(801) 538-6146
(801) 538-6016 Fax
(801) 536-4414 T.D.D.
www.deq.state.ut.us Web

Water Quality Board
Leroy H. Wullstein, Ph.D.
Chairman
Lynn F. Pett
Vice Chairman
Robert G. Adams
R. Rex Ausburn, P.E.
Nan Bunker
Leonard Ferguson
Dianne R. Nielson, Ph.D.
K.C. Shaw, P.E.
Ronald C. Sims, Ph.D.
J. Ann Wechsler
William R. Williams
Don A. Ostler, P.E.
Executive Secretary

RECEIVED
JUN 18 1998
DIV. OF OIL, GAS & MINING

June 16, 1998

CERTIFIED MAIL
(Return Receipt Requested)

Rodger C. Fry, Exploration Administrator
Interwest Mining Co.
One Utah Center, Suite 2000
Salt Lake City, Utah 84140-0020

Dear Mr. Fry:

ACT/015/019
#7

Subject: UPDES General Coal Mining Permit No. UTG040009, Interwest Mining Co. Coal Prep and Blending-Hunter Plant

Enclosed is your copy of the signed general permit. Coverage became effective on June 1, 1998 and all the requirements and conditions of the permit are in effect since that time. Preprinted Discharge Monitoring Report Forms (EPA Form 3320-1), for self-monitoring and reporting requirements as specified in the permit, will be sent to you as soon as possible.

This is a reminder that as soon as the facility discharges, a representative sample of water must be taken and analyzed for the metals as indicated in the original notice of intent (NOI) sent to you several months ago. The results shall be submitted to the Executive Secretary at the address indicated in the issued permit for submitting discharge monitoring reports.

We will also provided your staff the multi-sector general storm water permit NOI. Please be advised that you may need to obtain this general permit. For more information please contact Harry Campbell at (801) 538-6923.

As the agency charged with the administration of issuing UPDES Permits, we are continuously looking for ways to improve our quality of service to you. In effort to improve the State UPDES permitting process we are asking for your input. Since our customer permittee base is limited, your input is important. Please take a few moments to complete the enclosed questionnaire. The results will be used to improve our quality and responsiveness to our permittees and give us feed back on customer satisfaction. We will address the issues you have identified on an ongoing basis.

A fee schedule was included in the Utah Department of Environmental Quality budget appropriation request at the direction of the Legislature and in accordance with Utah Code Annotated 19-1-201. The fee schedule, as approved by the Legislature, includes a charge for the issuance of a UPDES permit. Please remit $1,800.00 within 30 days of receipt of this letter to:

Department of Environmental Quality
Division of Water Quality
ATTN: Wendy Maxell
P.O. Box 144870
Salt Lake City, Utah 84114-4870

If you have any questions, please contact Steven McNeal at (801) 538-6075.

Sincerely,

Donald A. Hilden, Ph.D., Manager
Permits and Compliance Section

SM/ja

Enclosure

cc: Division of Oil, Gas & Mining (w/encl)
Claron D. Bjork, Southeasetern Utah District Health Dept. (w/encl)
Dave Ariotti, District Engineer (w/encl)
Wendy Maxell, DWQ Accounts (w/o encl)

F:\PERMITS\SMCNEAL\WP\INT-CP98.LTR

Permit No. UTG040000
Industrial

STATE OF UTAH
DIVISION OF WATER QUALITY
DEPARTMENT OF ENVIRONMENTAL QUALITY
SALT LAKE CITY, UTAH

AUTHORIZATION TO DISCHARGE UNDER THE

UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM
(UPDES)

GENERAL PERMIT FOR COAL MINING

In compliance with provisions of the Utah *Water Quality Act, Title 19, Chapter 5, Utah Code Annotated ("UCA") 1953, as amended* (the *"Act"*),

Interwest Mining Co. Coal Prep and Blending-Hunter Plant

located three (3) miles southwest of Castle Dale, Utah as identified in the application No. UTG040009 is authorized to discharge from outfalls:

001 located at latitude **39°10'06"** and longitude **111°02'17"**
002 located at latitude **39°10'06"** and longitude **111°02'18"**

to Johnson Bench Wash

in accordance with discharge point(s), effluent limitations, monitoring requirements and other conditions set forth herein.

This permit became effective on June 1, 1998.

This general permit and the authorization to discharge shall expire at midnight, April 30, 2003.

Signed this 16th day of June, 1998

Authorized Permitting Official
Executive Secretary
Utah Water Quality Board

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I. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Definitions.

1. The "30-day (and monthly) average" is the arithmetic average of all samples collected during a consecutive 30-day period or calendar month, whichever is applicable. The calendar month shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms.

2. The "7-day (and weekly) average" is the arithmetic average of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The 7-day and weekly averages are applicable only to those effluent characteristics for which there are 7-day average effluent limitations. The calendar week which begins on Sunday and ends on Saturday, shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for that calendar week shall be included in the data for the month that contains the Saturday.

3. "Daily Maximum" ("Daily Max.") is the maximum value allowable in any single sample or instantaneous measurement.

4. "Composite samples" shall be flow proportioned. The composite sample shall, as a minimum, contain at least four (4) samples collected over the composite sample period. Unless otherwise specified, the time between the collection of the first sample and the last sample shall not be less than six (6) hours nor more than 24 hours. Acceptable methods for preparation of composite samples are as follows:

   a. Constant time interval between samples, sample volume proportional to flow rate at time of sampling;

   b. Constant time interval between samples, sample volume proportional to total flow (volume) since last sample. For the first sample, the flow rate at the time the sample was collected may be used;

   c. Constant sample volume, time interval between samples proportional to flow (i.e., sample taken every "X" gallons of flow); and,

   d. Continuous collection of sample, with sample collection rate proportional to flow rate.

5. A "grab" sample, for monitoring requirements, is defined as a single "dip and take" sample collected at a representative point in the discharge stream.

6. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly

designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

7. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.

8. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

9. "Executive Secretary" means Executive Secretary of the Utah Water Quality Board.

10. "EPA" means the United States Environmental Protection Agency.

11. "Act" means the "*Utah Water Quality Act*".

12. "Best Management Practices" ("*BMPs*") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. *BMPs* also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

13. "Coal pile runoff" means the rainfall runoff from or through any coal storage pile.

14. "*CWA*" means *The Federal Water Pollution Control Act*, as amended, by *The Clean Water Act of 1987.*

15. "Point Source" means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharges. This term does not include return flows from irrigated agriculture or agriculture storm water runoff.

16. "Significant spills" includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under *Section 311* of the *Clean Water Act* (see *40 CFR 110.10* and *40 CFR 117.21*) or *Section 102* of *CERCLA* (see *40 CFR 302.4*).

17. "Storm water" means storm water runoff, snow melt runoff, and surface runoff and drainage.

18. "Waste pile" means any noncontainerized accumulation of solid, nonflowing waste that is used for treatment or storage.

19. "10-year, 24-hour precipitation event" means the maximum 24-hour precipitation event with a probable reoccurrence interval of once in 10 years. This information is available in *Weather Bureau Technical Paper No. 40*, May 1961 and *NOAA Atlas 2*, 1973 for the 11 Western States, and may be obtained from the National Climatic Center of the Environmental Data Service, National Oceanic and Atmospheric Administration, U.S. Department of Commerce.

20. The term "coal preparation plant" means a facility where coal is crushed, screened, sized, cleaned, dried, or otherwise prepared and loaded for transit to a consuming facility.

21. The term "coal preparation plant associated areas" means the coal preparation plant yards, immediate access roads, coal refuse piles, and coal storage piles and facilities.

22. "Alkaline mine drainage" means mine drainage which before any treatment has a pH equal to or greater than 6.0 and total iron concentration less than 10 mg/L.

23. The term "settleable solids" is that matter measured by the volumetric method specified below:

> Fill an Imhoff cone to the one-liter mark with a thoroughly mixed sample. Allow to settle undisturbed for 45 minutes. Gently stir along the inside surface of the cone with a stirring rod. Allow to settle undisturbed for 15 minutes longer. Record the volume of settled material in the cone as milliliters per liter. Where a separation of settleable and floating material occurs, do not include the floating material in the reading.

B. Criteria for Inclusion in the General Permit for Coal Mining

This General permit shall apply only to the discharge of treated wastewater from:

Coal mining operations either new or existing in Utah which include or will include in part, or in whole, alkaline mine water drainage, storm water runoff from coal preparation plant associated areas, active mining areas, and post mining areas until the performance bond is released. The total amount of total dissolved solids discharged from all mine water and decant operations is limited to one ton per day.

C. Notice of Intent for a General Permit for Coal Mining

Any facility which desires coverage under this general permit for coal mining and meets the requirements of Part I.B. can be issued general permit coverage by submitting a notice of intent (NOI) to the Division of Water Quality at the addresses listed on page -- of this permit.

The NOI shall include:

a. A completed Environmental Protection Agency Application (EPA Form 3510-1) or equivalent information.

b. Location and identification number (such as 001, 002, etc.) of each existing discharge and/or proposed discharge point(s). This includes the latitude and longitude to the nearest 15 seconds and the name of the receiving water(s).

c. A description of the source of the wastewater for each discharge point.

d. A description of the treatment given or proposed for the wastewater at each discharge point and if necessary a justification of why no treatment is required.

e. Flow characteristics for each discharge point such as whether flow is or will be continuous or intermittent and indicate projected and/or actual average and maximum flows in gpd.

f. Data for each discharge point for the following parameters:

1) Biochemical oxygen demand (BOD_5).
2) Chemical oxygen demand (COD).
3) Total organic carbon (TOC).
4) Total suspended solids (TSS).
5) Flow.
6) Ammonia (as N).
7) Oil and grease.
8) Temperature.
9) pH.
10) Total dissolved solids (TDS).
11) Total iron and metals, cyanide, phenols located in Table III UAC R317-8-3.12.
12) For discharge(s) of mine water or mine water and mine water mixed with surface runoff one acute whole efficiency toxicity test using two species and a full dilution series (five dilutions plus a control). Sediment pond discharges which have only surface runoff do not require WET tests.
13) Date and time of sampling for each parameter
14) Date and time of analysis for each parameter
15) Utah certified laboratory which has completed the analysis for each parameter

If no data are available, indicate why the data are not available. The Executive Secretary may waive the reporting requirements for any of these pollutants and parameters if the applicant submits a request for such a waiver before or when the NOI is submitted which demonstrates that information adequate to support issuance of the permit can be obtained through less stringent reporting requirements.

g. For each discharge point the presence or absence of any toxic and/or priority pollutants as listed Table II, UAC R317-8-3.12.

D Description of Discharge Point(s).

The authorization to discharge provided under this permit is limited to those outfalls specifically designated below as discharge locations. Discharges at any location not authorized under a UPDES permit is a violation of the *Act* and may be subject to penalties under the *Act*. Knowingly discharging from an unauthorized location or failing to report an unauthorized discharge may be subject to criminal penalties as provided under the *Act*.

Outfall Number	Location of Discharge Point(s)
001	Sediment pond outfall to Johnson Bench Wash latitude 39°10'06" and longitude 111°02'17"
002	Sediment pond outfall to Johnson Bench Wash latitude 39°10'06" and longitude 111°02'18"

E. Narrative Standard.

It shall be unlawful, and a violation of this permit, for the permittee to discharge or place any waste or other substance in such a way as will be or may become offensive such as unnatural deposits, floating debris, oil, scum or other nuisances such as color, odor or taste, or cause conditions which produce undesirable aquatic life or which produce objectionable tastes in edible aquatic organisms; or result in concentrations or combinations of substances which produce undesirable physiological responses in desirable resident fish, or other desirable aquatic life, or undesirable human health effects, as determined by bioassay or other tests performed in accordance with standard procedures.

F. Specific Limitations and Self-monitoring Requirements.

1. Effective immediately and lasting the duration of this permit, the permittee is authorized to discharge from Outfalls 001 and 002. Such discharges shall be limited and monitored by the permittee as specified below:

Effluent	Discharge Limitations a/ Average 30-Day	Average 7-Day	Daily Maximum	Monitoring Requirements Measurement Frequency	Sample Type
Flow, gpd	NA	NA	NA	Monthly	Measured b/
Oil & Grease, mg/L	NA	NA	10 c/	Monthly	Grab
Total Suspended Solids,mg/L	25	35	70	Monthly	Grab e/
Total Iron, mg/L	NA	NA	1.0	Monthly	Grab e/
Total Diss. Solids,lbs/day	NA	NA	d/	Monthly	Grab e/

The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units in any sample and shall be monitored monthly by a grab sample.

There shall be no visible sheen or floating solids or visible foam in other than trace amounts.

There shall be no use of gypsum for rock dusting unless the permittee provides sufficient information to the Executive Secretary such that approval is granted based upon the Colorado River Basin Salinity Control Forum Policies and the fact that it will not significantly increase total dissolved solids concentrations.

There shall be no discharge of sanitary wastes or any process water from coal preparation plants.

N.A. - Not Applicable.

a/ See Definitions, *Part I.A* for definition of terms.

b/ For intermittent discharge, the duration of the discharge shall be reported along with the flow.

c/ If a visual sheen for oil and grease is observed then a grab sample must be taken immediately and the results shall not exceed 10 mg/L.

d/ The total amount of total dissolved solids (TDS) discharged from all mine water and decant operations is limited to one ton (2000 pounds) per day.

e/ These samples may also be a composite sample.

2. Samples taken in compliance with the monitoring requirements specified above shall be taken from the effluent before mixing with any receiving water.

3. Any overflow, increase in volume of a discharge or discharge from a bypass system caused by precipitation within any 24-hour period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) at all surface runoff ponds (outfalls) may comply with the following limitation instead of the total suspended solids limitations contained in Part I.F.1:

Effluent Characteristics	Daily Maximum
Settleable Solids	0.5 mL/L

In addition to the monitoring requirements specified under Part I.F.1, all effluent samples collected during storm water discharge events shall also be analyzed for settleable solids. Such analyses shall be conducted on either grab or composite samples.

4. Any overflow, increase in volume of a discharge or discharge from a bypass system caused by precipitation within any 24-hour period greater than the 10-year, 24-

hour precipitation event (or snowmelt of equivalent volume) at all surface runoff pond outfalls may comply with the following limitations instead of the otherwise applicable limitations:

The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units. However, as stated under Part I.F.3, all effluent samples collected at all surface runoff pond outfalls during storm water discharge events shall be analyzed for settleable solids and the parameters identified under Part I.F.1.

5. The permittee/operator shall have the burden of proof that the discharge or increase in discharge was caused by the applicable precipitation event described in Parts I.F.3. and F.4. The alternate limitation in Parts I.F.4. and F.5. shall not apply to treatment systems that treat underground mine water only.

6. Best Management Practices.

All requirements for best management practices are covered by the Multi-Sector General Storm Water Permit.

II. MONITORING, RECORDING AND REPORTING REQUIREMENTS

A. Representative Sampling. Samples taken in compliance with the monitoring requirements established under *Part I* shall be collected from the effluent stream prior to discharge into the receiving waters. Samples and measurements shall be representative of the volume and nature of the monitored discharge. Sludge samples shall be collected at a location representative of the quality of sludge immediately prior to the use-disposal practice.

B. Monitoring Procedures. Monitoring must be conducted according to test procedures approved under *Utah Administrative Code ("UAC") R317-2-10*, unless other test procedures have been specified in this permit.

C. Penalties for Tampering. The *Act* provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than six months per violation, or by both.

D. Reporting of Monitoring Results. Monitoring results obtained during the previous month shall be summarized for each month and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), post-marked no later than the 28th day of the month following the completed reporting period. The first report is due onJune 28, 1998. If no discharge occurs during the reporting period, "no discharge" shall be reported. Legible copies of these, and all other reports shall be signed and certified in accordance with the requirements of *Signatory Requirements (see Part IV.G)*, and submitted to the Director, Division of Water Quality at the following address:

original to: Department of Environmental Quality
Division of Water Quality
288 North 1460 West
PO Box 144870
Salt Lake City, Utah 84114-4870

E. Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any Compliance Schedule of this permit shall be submitted no later than 14 days following each schedule date.

F. Additional Monitoring by the Permittee. If the permittee monitors any parameter more frequently than required by this permit, using test procedures approved under *UAC R317-2-10* or as otherwise specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR. Such increased frequency shall also be indicated. Only those parameters required by the permit need to be reported.

G. Records Contents. Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements:
2. The individual(s) who performed the sampling or measurements;

3. The date(s) and time(s) analyses were performed;
4. The individual(s) who performed the analyses;
5. The analytical techniques or methods used; and,
6. The results of such analyses.

H. Retention of Records. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the Executive Secretary at any time. A copy of this UPDES permit must be maintained on site during the duration of activity at the permitted location.

I. Twenty-four Hour Notice of Noncompliance Reporting.

1. The permittee shall (orally) report any noncompliance which may seriously endanger health or environment as soon as possible, but no later than twenty-four (24) hours from the time the permittee first became aware of circumstances. The report shall be made to the Division of Water Quality, (801) 538-6146, or 24 hour answering service (801) 536-4123.

2. The following occurrences of noncompliance shall be reported by telephone (801) 536-4123 as soon as possible but no later than 24 hours from the time the permittee becomes aware of the circumstances:

   a. Any noncompliance which may endanger health or the environment;

   b. Any unanticipated bypass which exceeds any effluent limitation in the permit (See *Part III.G, Bypass of Treatment Facilities.)*;

   c. Any upset which exceeds any effluent limitation in the permit (See *Part III.H, Upset Conditions.*); or,

   d. Violation of a maximum daily discharge limitation for any of the pollutants listed in the permit.

3. A written submission shall also be provided within five days of the time that the permittee becomes aware of the circumstances. The written submission shall contain:

   a. A description of the noncompliance and its cause;

   b. The period of noncompliance, including exact dates and times;

   c. The estimated time noncompliance is expected to continue if it has not been corrected; and,

d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

e. Steps taken, if any, to mitigate the adverse impacts on the environment and human health during the noncompliance period.

4. The Executive Secretary may waive the written report on a case-by-case basis if the oral report has been received within 24 hours by the Division of Water Quality, (801) 538-6146.

5. Reports shall be submitted to the addresses in *Part II.D, Reporting of Monitoring Results.*

J. Other Noncompliance Reporting. Instances of noncompliance not required to be reported within 24 hours shall be reported at the time that monitoring reports for *Part II.D* are submitted. The reports shall contain the information listed in *Part II.1.3.*

K. Inspection and Entry. The permittee shall allow the Executive Secretary, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;

2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and,

4. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the *Act*, any substances or parameters at any location.

III. COMPLIANCE RESPONSIBILITIES

A. Duty to Comply. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. The permittee shall give advance notice to the Executive Secretary of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

B. Penalties for Violations of Permit Conditions. The *Act* provides that any person who violates a permit condition implementing provisions of the *Act* is subject to a civil penalty not to exceed $10,000 per day of such violation. Any person who willfully or negligently violates permit conditions of the Act is subject to a fine not exceeding $25,000 per day of violation; Any person convicted under *UCA 19-5-115(2)* a second time shall be punished by a fine not exceeding $50,000 per day. Except as provided at *Part III.G, Bypass of Treatment Facilities* and *Part III.H, Upset Conditions*, nothing in this permit shall be construed to relieve the permittee of the civil or criminal penalties for noncompliance.

C. Need to Halt or Reduce Activity not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

D. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

E. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

F. Removed Substances. Collected screening, grit, solids, sludge, or other pollutants removed in the course of treatment shall be buried or disposed of in such a manner so as to prevent any pollutant from entering any waters of the state or creating a health hazard. Sludge/digester supernatant and filter backwash shall not directly enter either the final effluent or waters of the state by any other direct route.

G. Bypass of Treatment Facilities.

1. Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 2 and 3 of this section. Return of removed

substances, as described in *Part III.F*, to the discharge stream shall not be considered a bypass under the provisions of this paragraph.

2. Notice:

   a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass.

   b. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required under *Part II.I, Twenty-four Hour Reporting*.

3. Prohibition of bypass.

   a. Bypass is prohibited and the Executive Secretary may take enforcement action against a permittee for a bypass, unless:

      (1) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage ;

      (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,

      (3) The permittee submitted notices as required under paragraph 2 of this section.

   b. The Executive Secretary may approve an anticipated bypass, after considering its adverse effects, if the Executive Secretary determines that it will meet the three conditions listed above in paragraph 3.a of this section.

H. Upset Conditions.

1. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of paragraph 2. of this section are met. Executive Secretary's administrative determination regarding a claim of upset cannot be judiciously challenged by the permittee until such time as an action is initiated for noncompliance.

2. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

   a. An upset occurred and that the permittee can identify the cause(s) of the upset;

   b. The permitted facility was at the time being properly operated;

   c. The permittee submitted notice of the upset as required under *Part II.I, Twenty-four Hour Notice of Noncompliance Reporting*; and,

   d. The permittee complied with any remedial measures required under *Part III.D, Duty to Mitigate.*

3. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

I. Toxic Pollutants. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of *The Water Quality Act of 1987* for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

J. Changes in Discharge of Toxic Substances. Notification shall be provided to the Executive Secretary as soon as the permittee knows of, or has reason to believe:

1. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

   a. One hundred micrograms per liter (100 ug/L);

   b. Two hundred micrograms per liter (200 ug/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/L) for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;

   c. Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with *UAC R317-8-3.4(7)* or (10); or,

   d. The level established by the Executive Secretary in accordance with *UAC R317-8-4.2(6).*

2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

a. Five hundred micrograms per liter (500 ug/L);

b. One milligram per liter (1 mg/L) for antimony:

c. Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with *UAC R317-8-3.4(9)*; or,

d. The level established by the Executive Secretary in accordance with *UAC R317-8-4.2(6)*.

K. Industrial Pretreatment. Any wastewaters discharged to the sanitary sewer, either as a direct discharge or as a hauled waste, are subject to Federal, State and local pretreatment regulations. Pursuant to Section 307 of *The Water Quality Act of 1987*, the permittee shall comply with all applicable federal General Pretreatment Regulations promulgated at *40 CFR 403*, the State Pretreatment Requirements at *UAC R317-8-8*, and any specific local discharge limitations developed by the Publicly Owned Treatment Works (POTW) accepting the wastewaters.

In addition, in accordance with *40 CFR 403.12(p)(1)*, the permittee must notify the POTW, the EPA Regional Waste Management Director, and the State hazardous waste authorities, in writing, if they discharge any substance into a POTW which if otherwise disposed of would be considered a hazardous waste under *40 CFR 261*. This notification must include the name of the hazardous waste, the EPA hazardous waste number, and the type of discharge (continuous or batch).

IV. GENERAL REQUIREMENTS

A. Planned Changes. The permittee shall give notice to the Executive Secretary as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when the alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in the permit. In addition, if there are any planned substantial changes to the permittee's existing sludge facilities or their manner of operation or to current sludge management practices of storage and disposal, the permittee shall give notice to the Executive Secretary of any planned changes at least 30 days prior to their implementation.

B. Anticipated Noncompliance. The permittee shall give advance notice to the Executive Secretary of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

C. Permit Actions. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

D. Duty to Reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee shall apply for coverage under the new general permit. The NOI shall be submitted at least 60 days before the expiration date of this permit. An application shall be submitted at least 180 days before the expiration date of this permit if an individual permit is necessary.

E. Duty to Provide Information. The permittee shall furnish to the Executive Secretary, within a reasonable time, any information which the Executive Secretary may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Executive Secretary, upon request, copies of records required to be kept by this permit.

F. Other Information. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Executive Secretary, it shall promptly submit such facts or information.

G. Signatory Requirements. All applications, reports or information submitted to the Executive Secretary shall be signed and certified.

1. All permit applications shall be signed by either a principal executive officer or ranking elected official.

2. All reports required by the permit and other information requested by the Executive Secretary shall be signed by a person described above or by a duly authorized

representative of that person. A person is a duly authorized representative only if:

a. The authorization is made in writing by a person described above and submitted to the Executive Secretary, and,

b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)

3. Changes to authorization. If an authorization under paragraph *IV.G.2* is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph *IV.G.2* must be submitted to the Executive Secretary prior to or together with any reports, information, or applications to be signed by an authorized representative.

4. Certification. Any person signing a document under this section shall make the following certification:

> "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

H. Penalties for Falsification of Reports. The *Act* provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction be punished by a fine of not more than $10,000.00 per violation, or by imprisonment for not more than six months per violation, or by both.

I. Availability of Reports. Except for data determined to be confidential under *UAC R317-8-3.2*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of Executive Secretary. As required by the *Act*, permit applications, permits and effluent data shall not be considered confidential.

J. Oil and Hazardous Substance Liability. Nothing in this permit shall be construed to preclude the permittee of any legal action or relieve the permittee from any

responsibilities, liabilities, or penalties to which the permittee is or may be subject under the *Act*.

K. Property Rights. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

L. Severability. The provisions of this permit are severable, and if any provisions of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

M. Transfers. This permit may be automatically transferred to a new permittee if:

1. The current permittee notifies the Executive Secretary at least 20 days in advance of the proposed transfer date;

2. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and,

3. The Executive Secretary does not notify the existing permittee and the proposed new permittee of his or her intent to modify, or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph 2 above.

N. State Laws. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by *UCA 19-5-117*.

O. Water Quality-Reopener Provision. This permit may be reopened and modified (following proper administrative procedures) to include the appropriate effluent limitations and compliance schedule, if necessary, if one or more of the following events occurs:

1. Water Quality Standards for the receiving water(s) to which the permittee discharges are modified in such a manner as to require different effluent limits than contained in this permit.

2. A final wasteload allocation is developed and approved by the State and/or EPA for incorporation in this permit.

3. A revision to the current Water Quality Management Plan is approved and adopted which calls for different effluent limitations than contained in this permit.

One Utah Center, Suite 2000
Salt Lake City, Utah 84140-0020
(801) 220-4616 • FAX (801) 220-4725

RECEIVED
MAR 11 1998
DIV. OF OIL, GAS & MINING

INTERWEST MINING COMPANY

A Subsidiary of PacifiCorp

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

February 17, 1998

ACT/015/018 #7
ACT/015/017 #7
ACT/015/009 #7
ACT/045/019 #7

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

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

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
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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One Utah Center, Suite 2000
Salt Lake City, Utah 84140-0020
(801) 220-4616 • FAX (801) 220-4725

INTERWEST MINING COMPANY

A Subsidiary of PacifiCorp

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

January 26, 1998

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

DCT/015/019 #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 December 1997.

Sincerely,

Rodger C. Fry

RCF/CAS/sh
Enclosures
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
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Box 145801
Salt Lake City, UT 84114-5801
C. Semborski, with enclosures
D. Oakley "
T. Lloyd/M. Moon "
K. Fleck "
J. B. Webster, without enclosures
C. Pollastro "

RODGER:EPADEC.97

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

Charles A. Semborski
Geolog/Permitting Supervisor
P. O. Box 310
Huntington, UT 84528
(801) 687-4720
FAX (801) 687-2695

February 6, 1998

RECEIVED
FEB 09 1998
DIV. OF OIL, GAS & MINING

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:

Ac 1015/009 #7

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

Copy letter to Ac1015/017 #2 Ac1015/018 #1 Ac1015/019 #1 #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