ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

Energy West Mining Company
P. O. Box 310
15 No Main Street
Huntington, UT 84528

February 27, 2015

Department of Environmental Quality
Division of Water Quality
195 North 1950 West
P.O. Box 144870
Salt Lake City, UT 84114-4870

Gentlemen:

Enclosed are the monthly discharge reports for the Deer Creek, Trail Mountain, Cottonwood/Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of December 2014. All parameters were in compliance with UPDES permits except for the Deer Creek Discharge DCD-002 which exceeded the 1 ppm limit (1.06 ppm).

We believe that the elevated iron in the mine discharge is coming from groundwater that is being pumped from the "Mill Fork" area of the mine where groundwater entering the mine comes in contact with soluble iron in the form of pyrite minerals. Deer Creek Mine is no longer mining coal as of January 7, 2015. Up until the shutdown, most of this water was being recycled within that area of the mine for use in mining equipment. Now that the equipment is no longer running, the water in that area is being pumped out to the Deer Creek portals where is being mixed with the waters from the rest of the mine, pushing the total iron content to just over the 1 ppm limit. Our plan is to seal off the Mill Fork area of the mine as soon as the equipment can be moved out. Seals are being constructed as of the end of February midway out of the Mill Fork area, and then a set of permanent watertight bulkheads will be constructed to seal off the entire Mill Fork area shortly thereafter, pending MSHA approval. This should eliminate the flow of higher iron water from the Mill Fork area of the mine into the rest of Deer Creek Mine. The flow from the Deer Creek portals should then be significantly reduced in volume and iron content and return to historical acceptable water quality parameters.

If you have any questions concerning these reports, please feel free to call Ken Fleck at (435) 687-4712.

Sincerely,

Kenneth S. Fleck

FOR Rick M. Poulson
Mine Manager

Encl
CC: Division of Oil, Gas and Mining
Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
Ken Fleck w/ enclosures

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Trail Mountain Mine**

| 001-A |
|---|
| Discharge Number |
| UT0023728 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Sed Pond Discharge to CCC External Outfall

No Discharge [X]

No Discharge

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Flow Rate | Sample Measurement | ****** | ****** | | ******* | ******* | ******* | **** | | | |
| 00056 1 0 Effluent Gross | Permit Requirement | ******* | 5 30 Day Avg | MGD | ******* | ******* | ******* | **** | | Monthly | Measured |
| pH | Sample Measurement | ******* | ******* | | ****** | | ****** | | | | |
| 00400 1 0 Effluent Gross | Permit Requirement | ******* | ******* | | 6.5 Daily Min | ****** | 9.0 Daily Max | SU | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | ******* | ******* | | ******* | ****** | ****** | | | | |
| 00530 1 0 Effluent Gross | Permit Requirement | ******* | ******* | | 25 30 Day Avg | 35 7 Day Avg | 70 Daily Max | mg/L | | Monthly | Grab |
| Solids, Settleable | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| 00545 O 0 See Comments | Permit Requirement | ******* | ******* | | ******* | ******* | 0.5 Daily max | mL/L | | Monthly | Grab |
| Iron, Total (as Fe) | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| 01045 1 0 Effluent Gross | Permit Requirement | ******* | ******* | | ******* | ******* | 1.0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| 03582 1 0 Effluent Gross | Permit Requirement | ******* | ******* | | ******* | ******* | 10 Daily Max | mg/L | | Monthly | Grab |
| Floating Solids or Visible Foam-visual | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| 45613 1 0 Effluent Gross | Permit Requirement | ******* | ****** | | ******* | ******* | 0 Daily max | Y=1;N=0 | | Montly | Visual |

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Trail Mountain Mine**

| 001-A |
|---|
| Discharge Number |
| UT0023728 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Sed Pond Discharge to CCC External Outfall

No Discharge [X]

No Discharge

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Sanitary waste discharged-assessment 45614 1 0 Effluent Gross | Sample Measurement | ******* | ****** | **** | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ****** | **** | ******* | ****** | 0 Daily max | Y=1;N=0 | | Monthly | Visual |
| Solids, Total Dissolved 70295 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ****** | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ****** | ******* | 1260 Daily Max | mg/L | | Monthly | Grab |
| Oil and Grease Visual 84066 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 0 Inst Max | Y=1;N | ******* | ******* | ******* | **** | | Monthly | Visual |
| | Sample Measurement | ******* | *** | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ****** | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Visual/Grab |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Trail Mountain Mine**

| 002-A |
|---|
| Discharge Number |
| UT0023728 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Mine Discharge to CCC External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Flow Rate 00056 1 0 Effluent Gross | Sample Measurement | ****** | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ****** | .054 30 Day Avg | MGD | ******* | ******* | ******* | **** | | Monthly | Measured |
| pH 00400 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 6.5 Daily Min | ******* | 9.0 Daily Max | SU | | Monthly | Grab |
| Solids, Total Suspended 00530 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | 20 30 Day Avg | 30 7 Day Avg | mg/L | | Monthly | Grab |
| Iron, Total (as Fe) 01045 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 1.0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease 03582 1 0 Effluent Gross | Sample Measurement | ******* | **** | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 10 Daily Max | mg/L | | Monthly | Grab |
| Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ****** | | ******* | ******* | 0 Daily Max | Y=1;N=0 | | Montly | Visual |
| Sanitary waste discharged-assessment 45614 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ****** | | ******* | ******* | 0 Daily Max | Y=1;N=0 | | Monthly | Visual |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck For Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Trail Mountain Mine**

| 002-A |
|---|
| Discharge Number |
| UT0023728 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Mine Discharge to CCC External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Solids, Total Dissolved 70295 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ****** | ******* | 1136 Daily Max | mg/L | | Monthly | Grab |
| Oil and Grease Visual 84066 O 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ****** | ****** | **** | | | |
| | Permit Requirement | ******* | 0 Inst Max | Y=1;N=0 | ******* | ******* | ******* | **** | | Monthly | Visual |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Visual/Grab |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Deer Creek Mine**

UT0023604
Permit Number

1/1/2015 | 1/31/2015
Monitoring Period

Sediment Pond Outfall

001A
Discharge Number

No Discharge ☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate | Sample Measurement | 0.084 | 0.084 | | ******* | ******* | ******* | | 0 | 1/30 | Measured |
| 00056 1 0 | Permit Requirement | Req. Mon. 30 day avg | Req. Mon. Daily max | mgd | ******* | ******* | ******* | | | | Measured |
| Effluent Gross Value | | | | | | | | | | | |
| pH | Sample Measurement | ******* | ******* | | 8.08 | ******* | 8.08 | | 0 | 1/30 | Grab |
| 00400 1 0 | Permit Requirement | ******* | ******* | | 6.5 Inst min | ******* | 9.0 Inst max | SU | | Monthly | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Solids, Total Suspended | Sample Measurement | ******* | ******* | | 6 | 6 | 6 | | 0 | 1/30 | Grab |
| 00530 1 0 | Permit Requirement | ******* | ******* | | 25 30 day avg | 35 7 day avg | 70 daily max | mg/L | | Monthly | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Settleable Solids | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | 0 | 1/30 | |
| 00545 R 0 | Permit Requirement | ******* | ******* | | ******* | ******* | 0.5 Daily max | mL/L | | See Permit | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Iron, Total (as Fe) | Sample Measurement | ******* | ******* | | ******* | 0.11 | 0.11 | | 0 | 1/30 | Grab |
| 01045 10 | Permit Requirement | ******* | ******* | | ******* | Req. Mon. 30 day avg | 1.0 Daily max | mg/L | | Monthly | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Oil and Grease | Sample Measurement | ******* | ****** | | ******* | ******* | N/A | | 0 | 1/30 | |
| 00556 O 0 | Permit Requirement | ******* | ******* | | ******* | ******* | 10 Daily max | mg/L | | Monthly | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Solids, Total Dissolved | Sample Measurement | ******* | 1,744.00 | | ******* | ******* | 2482 | | 0 | 1/30 | Grab |
| 70295 1 0 | Permit Requirement | ******* | 2000 Daily max | lbs/day | ******* | ******* | Req. Mon. Daily max | mg/L | | Monthly | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Oil and Grease, Floating Solids, Foam; Visual | Sample Measurement | ******* | 0 | | ******* | ******* | ******* | | 0 | 1/30 | Visual |
| 84066 1 0 / 45613 1 0 | Permit Requirement | ******* | 0 inst max | yes =1 no=0 | ******* | ******* | ******* | | | Monthly | Visual |
| Effluent Gross Value | | | | | | | | | | | |

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Oleck For Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample oil and grease only when a sheen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.
When sampling during a precipitation event, or within 24 hours after a precipitation event, Settleable Solids will be analyzed. SS result will be used for compliance instead of TSS.

Copied from EPA Form 3320-1 (8-95)

# Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Deer Creek Mine**

UT0023604
Permit Number

1/1/2015 | 1/31/2015
Monitoring Period

Deer Creek Mine Discharge

002A
Discharge Number

No Discharge ☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 Effluent Gross Value | Sample Measurement | 1.73 | 1.73 | | ******* | ******* | ******* | | 0 | 1/30 | Measured |
| | Permit Requirement | Req. Mon. 30 day avg | Req. Mon. Daily max | mgd | ******* | ******* | ******* | | | Monthly | Measured |
| pH 00400 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | 7.37 | ******* | 7.37 | | 0 | 1/30 | Grab |
| | Permit Requirement | ******* | ******* | | 6.5 inst min | ******* | 9.0 inst max | SU | | Monthly | Grab |
| Solids, Total Suspended 00530 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | 6 | 6 | 6 | | 0 | 1/30 | Grab |
| | Permit Requirement | ******* | ******* | | 25 30 day avg | 35 7 day avg | 70 daily max | mg/L | | Monthly | Grab |
| Iron, Total (as Fe) 01045 10 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | 1.06 | 1.06 | | 0 | 1/30 | Grab |
| | Permit Requirement | ******* | ******* | | ******* | Req. Mon. 30 day avg | 1.0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease 00556 O 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | N/A | | 0 | 1/30 | Grab |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 10 Daily max | mg/L | | Monthly | Grab |
| Solids, Total Dissolved 70295 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | 547 | | 0 | 1/30 | Grab |
| | Permit Requirement | ******* | ******* | lbs/day | ******* | ******* | 1000 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease, Floating Solids, Foam; Visual 84066 1 0 / 45613 1 0 Effluent Gross Value | Sample Measurement | ******* | 0 | | ******* | ******* | ******* | | 0 | 1/30 | Visual |
| | Permit Requirement | ******* | 0 inst max | yes =1 no=0 | ******* | ******* | ******* | | | Monthly | Visual |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |

| Name/Title Principal Executive Officer | | Date: 2/20/15 ~~12/15/2014~~ | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Peck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample oil and grease only when a sheen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood / Wilberg Mine**

| 001-A |
|---|
| Discharge Number |
| UT0022896 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Cont GW Disch to CTW Crk
External Outfall

No Discharge ☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Flow Rate 00056 1 0 Effluent Gross | Sample Measurement | ***** | 0.027 | | ******* | ******* | ******* | **** | 0 | 1/30 | |
| | Permit Requirement | ****** | 054 30 Day Avg | MGD | ******* | ******* | ******* | **** | | Monthly | Measured |
| pH 00400 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | 7.37 | ******* | 7.37 | | 0 | 1/30 | |
| | Permit Requirement | ******* | ******* | | 6.5 Daily Min | ******* | 9.0 Daily Max | SU | | Monthly | Grab |
| Solids, Total Suspended 00530 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ***** | <5 | <5 | | 0 | 1/30 | |
| | Permit Requirement | ******* | ******* | | ****** | 20 30 Day Avg | 30 7 Day Avg | mg/L | | Monthly | Grab |
| Iron, Total (as Fe) 01045 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | <0.05 | | 0 | 1/30 | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 1.0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease 03582 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | N/A | | 0 | 1/30 | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 10 Daily Max | mg/L | | Monthly | Grab |
| Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | 0 | | 0 | 1/30 | |
| | Permit Requirement | ******* | ****** | | ******* | ******* | 0 Daily Max | Y=1;N=0 | | Montly | Visual |
| Sanitary waste discharged-assessment 45614 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | 0 | | 0 | 1/30 | |
| | Permit Requirement | ******* | ****** | | ******* | ******* | 0 Daily Max | Y=1;N=0 | | Monthly | Visual |

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood / Wilberg Mine**

| 001-A |
|---|
| Discharge Number |
| UT0022896 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Cont GW Disch to CTW Crk
External Outfall

No Discharge ☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Solids, Total Dissolved 70295 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | 705 | | 0 | 1/30 | |
| | Permit Requirement | ******* | ******* | | ****** | ******* | 1136 Daily Max | mg/L | | Monthly | Grab |
| Oil and Grease Visual 84066 O 0 Effluent Gross | Sample Measurement | ******* | 0 | | ******* | ******* | ******* | **** | 0 | 1/30 | |
| | Permit Requirement | ******* | 0 Inst Max | Y=1;N=0 | ******* | ******* | ******* | **** | | Monthly | Visual |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Visual/Grab |

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood / Wilberg Mine**

| 003-A |
|---|
| Discharge Number |
| UT0022896 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Dischrg Sed Pond Grimes Wash External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Flow Rate 00056 1 0 Effluent Gross | Sample Measurement | ****** | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 5 30 Day Avg | MGD | ******* | ******* | ******* | **** | | Monthly | Measured |
| pH 00400 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 6.5 Daily Min | ****** | 9.0 Daily Max | SU | | Monthly | Grab |
| Solids, Total Suspended 00530 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | [illegible] | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 25 30 Day A[illegible] | [illegible] Day Avg | 70 Daily Max | mg/L | | Monthly | Grab |
| Solids, Settleable 00545 O 0 See Comments | Sample Measurement | ******* | ******* | | [illegible] | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | [illegible] | ******* | 0.5 Daily max | mL/L | | Monthly | Grab |
| Iron, Total (as Fe) 01045 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 1.0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease 03582 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 10 Daily Max | mg/L | | Monthly | Grab |
| Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | ****** | | ******* | ******* | 0 Daily max | Y=1;N=0 | | Montly | Visual |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood / Wilberg Mine**

| 003-A |
|---|
| Discharge Number |
| UT0022896 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Dischrg Sed Pond Grimes Wash
External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Sanitary waste discharged-assessment 45614 1 0 Effluent Gross | Sample Measurement | ******* | ****** | **** | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ****** | **** | ******* | ****** | 0 Daily max | Y=1;N=0 | | Monthly | Visual |
| Solids, Total Dissolved 70295 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ****** | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ****** | ******* | 1200 Daily Max | mg/L | | Monthly | Grab |
| Oil and Grease Visual 84066 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 0 Inst Max | Y=1;N | ******* | ******* | ******* | **** | | Monthly | Visual |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Visual/Grab |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck for Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood / Wilberg Mine**

005-A
Discharge Number

UT0022896
Permit Number

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Waste Rock Sed Pond to Grimes Wash External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Flow Rate 00056 1 0 Effluent Gross | Sample Measurement | ****** | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 5 30 Day Avg | MGD | ******* | ******* | ******* | **** | | Monthly | Measured |
| pH 00400 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 6.5 Daily Min | ******* | [illegible] Max | SU | | Monthly | Grab |
| Solids, Total Suspended 00530 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | [illegible] | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 25 30 Day Avg | [illegible] Day Avg | 70 Daily Max | mg/L | | Monthly | Grab |
| Solids, Settleable 00545 O 0 See Comments | Sample Measurement | ******* | ******* | | [illegible] | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 0.5 Daily max | mL/L | | Monthly | Grab |
| Iron, Total (as Fe) 01045 1 0 Effluent Gross | Sample Measurement | ******* | [illegible] | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 1 0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease 03582 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 10 Daily Max | mg/L | | Monthly | Grab |
| Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | ****** | | ******* | ******* | 0 Daily max | Y=1;N=0 | | Montly | Visual |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood / Wilberg Mine**

005-A
Discharge Number

UT0022896
Permit Number

1/1/2015 | 1/31/2015
Monitoring Period

DMR Zip Code: 84528

Waste Rock Sed Pond to Grimes Wash External Outfall

No Discharge [X]

No Discharge

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Sanitary waste discharged-assessment 45614 1 0 Effluent Gross | Sample Measurement | ******* | ****** | **** | ******* | ******* | ***** | | | | |
| | Permit Requirement | ******* | ****** | **** | ******* | ******* | 0 Daily max | Y=1;N=0 | | Monthly | Visual |
| Solids, Total Dissolved 70295 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | | | | | |
| | Permit Requirement | ******* | ******* | | ****** | ******* | 1200 Daily Max | mg/L | | Monthly | Grab |
| Oil and Grease Visual 84066 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 0 Inst Max | Y=1;N | ******* | ******* | ******* | **** | | Monthly | Visual |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | **** | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Visual/Grab |

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood / Wilberg Mine**

| SUM-A |
|---|
| Discharge Number |
| UT0022896 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Sum of All Outfalls
External Outfall

No Discharge ☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | Value | Units | Value | Value | Value | Units | | | |
| Solids, Total Dissolved 70295 1 0 Effluent Gross | Sample Measurement | ******* | 187.36 | | ******* | ******* | ******* | | 0 | 1/30 | |
| | Permit Requirement | ******* | 2000 Daily max | lbs/day | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Grab |

No Discharge 03/05

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
If TDS is 500 mg/L or less at each outfall enter N.A for SUM-A

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood Coal Prep & Blending Facility**

001-A
Discharge Number
UTG040009
Permit Number

1/1/2015 | 1/31/2015
Monitoring Period

DMR Zip Code: 84528

Sed Pond Otfll to Rock Canyn Crk
External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 Effluent Gross | Sample Measurement | ****** | ****** | | ******* | ******* | ******* | | | | |
| | Permit Requirement | Report 30 day avg | Report Daily max | gpm | ******* | ******* | ******* | | | Monthly | Measured |
| pH 00400 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 6.5 Minimum | ****** | 9.0 Maximum | SU | | Monthly | Grab |
| Solids, Total Suspended 00530 P 0 See Comments | Sample Measurement | ******* | ******* | | ****** | | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 25 30 day av | 5 day avg | 70 daily max | mg/L | | Monthly | Grab |
| Solids, Settleable 00545 Q 0 See Comments | Sample Measurement | ******* | ******* | | | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ****** | ******* | 0.5 Daily max | mL/L | | Monthly | Grab |
| Iron, Total (as Fe) 01045 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 1.0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease 03582 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | Opt. Mon. Daily Max | mg/L | | Monthly | Grab |
| Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 0 Daily max | Y=1;N=0 | ******* | ******* | ******* | **** | | Monthly | Visual |

No Discharge

| Name/Title Principal Executive Officer | | | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Date: 2/20/2015 | 435 | 687-9821 |
| Typed or Printed | | Kenneth S. Fleck FOR Rick M. Poulson<br>Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood Coal Prep & Blending Facility**

| 001-A |
|---|
| Discharge Number |
| UTG040009 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Sed Pond Otfll to Rock Canyn Crk
External Outfall

No Discharge [X]

No Discharge

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Sanitary waste discharged-assessment 45614 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 0 Daily max | Y=1;N=0 | ******* | ******* | ******* | **** | | Monthly | Visual |
| Solids, Total Dissolved 70295 R 0 See Comments | Sample Measurement | ******* | ******* | | ****** | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 6.5 Minimum | ******* | 9.0 Maximum | mg/L | | Monthly | Grab |
| Oil and Grease Visual 84066 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | Req. Mon daily max | Y=1;N=0 | ******* | ******* | ******* | **** | | Monthly | Visual |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Visual/Grab |

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood Coal Prep & Blending Facility**

| 002-A |
|---|
| Discharge Number |
| UTG040009 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Sed Pond Otfll to Rock Canyn Crk
External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 Effluent Gross | Sample Measurement | ****** | ****** | | ******* | ******* | ******* | | | | |
| | Permit Requirement | Report 30 day avg | Report Daily max | gpm | ******* | ******* | ******* | | | Monthly | Measured |
| pH 00400 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ****** | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 6.5 Minimum | ******* | [illegible] Maximum | SU | | Monthly | Grab |
| Solids, Total Suspended 00530 P 0 See Comments | Sample Measurement | ******* | ******* | | ****** | [illegible] | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 25 30 day av[illegible] | [illegible] | 70 daily max | mg/L | | Monthly | Grab |
| Solids, Settleable 00545 Q 0 See Comments | Sample Measurement | ******* | ******* | | [illegible] | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 0.5 Daily max | mL/L | | Monthly | Grab |
| Iron, Total (as Fe) 01045 1 0 Effluent Gross | Sample Measurement | ******* | [illegible] | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | 1.0 Daily max | mg/L | | Monthly | Grab |
| Oil and Grease 03582 1 0 Effluent Gross | Sample Measurement | ******* | ******* | | ******* | ******* | ****** | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | Opt. Mon. Daily Max | mg/L | | Monthly | Grab |
| Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 0 Daily max | Y=1;N=0 | ******* | ******* | ******* | **** | | Montly | Visual |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood Coal Prep & Blending Facility**

| 002-A |
|---|
| Discharge Number |
| UTG040009 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Sed Pond Otfll to Rock Canyn Crk
External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Sanitary waste discharged-assessment 45614 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | | |
| | Permit Requirement | ******* | 0 Daily max | Y=1;N=0 | ******* | ******* | ******* | **** | | Monthly | Visual |
| Solids, Total Dissolved 70295 R 0 See Comments | Sample Measurement | ******* | ******* | | ****** | ****** | ****** | | | | |
| | Permit Requirement | ******* | ******* | | 6.5 Minimum | ****** | 9.0 Maximum | mg/L | | Monthly | Grab |
| Oil and Grease Visual 84066 1 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | **** | | 1/31 | |
| | Permit Requirement | ******* | Req. Mon. daily max | Y=1;N= | ****** | ******* | ******* | **** | | Monthly | Visual |
| | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Visual/Grab |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck FOR Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
Sample for Setteable Solids (SS) instead of TSS during runoff events <10 yr 24 hr storm event (see permit part I.E. 3-5) Enter N/A for SS as appropriate.

Copied from EPA Form 3320-1 (Rev.01/06)

# Discharge Monitoring Report (DMR)

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Cottonwood Coal Prep & Blending Facility**

| SUM-A |
|---|
| Discharge Number |
| UTG040009 |
| Permit Number |

| 1/1/2015 | 1/31/2015 |
|---|---|
| Monitoring Period | |

DMR Zip Code: 84528

Sum of All Outfalls
External Outfall

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Solids, Total Dissolved 70295 Q 0 Effluent Gross | Sample Measurement | ******* | ****** | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | 2000 Daily max | lbs/day | ******* | ******* | ******* | | | Monthly | Visual |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Monthly | Grab |
| | Sample Measurement | ******* | ******* | | ******* | ******* | ******* | | | | |
| | Permit Requirement | ******* | ******* | | ******* | ******* | ******* | | | Montly | Grab |

No Discharge

| Name/Title Principal Executive Officer | | Date: 2/20/2015 | Telephone | |
|---|---|---|---|---|
| Rick M. Poulson - Mine Manager Energy West Mining Company | 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. | Kenneth S. Fleck For Rick M. Poulson | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
If TDS is 500 mg/L or less at each outfall enter N.A for SUM-A

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