Incoming
C0150018
C0150009
C0150019

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

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

December 21, 2011

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

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Trail Mountain, Cottonwood/Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of November 2011. All other parameters were in compliance with UPDES permits.

If you have any questions concerning these reports, please feel free to call Guy Davis at (435) 687-4711.

Sincerely,

12-21-11

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
Guy Davis w/ enclosures
Ken Fleck "

# Discharge Monitoring Report

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

Sediment pond outfall into Cottonwood Ck.

| UT0023728 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 001A Discharge Number | 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<br>00056 1 0 0<br>Effluent Gross Value | Sample Measurement | | | | ******* | ******* | ******* | | | | Measrd |
| | | | | mgd | | | | | | | |
| pH<br>00400 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | | | | | | | | SU | | | |
| Solids, Total Suspended<br>00530 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | | | | | | |
| | | | | | | | | mg/L | | | |
| Settleable Solids<br>00545 R 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | | | | | | |
| | | | | | | | | mL/L | | | |
| Iron, Total (as Fe)<br>01045 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | | | | | | | | mg/L | | | |
| Oil and Grease<br>00556 O 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | | | | | - |
| | | | | | | | | mg/L | | | |
| Solids, Total Dissolved<br>70295 Q 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | | | | | |
| | | | | lbs/day | | | | mg/L | | | |
| Oil and Grease, Floating Solids, Foam; Visual<br>84066 1 0 / 45613 1 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | ******* | | | | |
| | | | | yes =1<br>no=0 | | | | | | | |

No Discharge

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011 | 435 | 687-9821 |
| Typed or Printed | | Rick M. Poulson<br>Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

# Discharge Monitoring Report

ame: PacifiCorp, Energy West Mining Company
ddress: P.O. Box 310
Huntington, Utah 84528
acility: **Hunter Coal Preparation Plant**

| UTG040009 |
|---|
| Permit Number |

| 11/01/2011 | 11/30/2011 |
|---|---|
| Monitoring Period | |

Minor
F - Final, Combination 001 and 002

| SUM A |
|---|
| Discharge Number |

No Discharge [X]

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| olids, Total Dissolved | Sample Measurement | ******* | | | ******* | ******* | ******* | | | | |
| 0295 1 0 0 | [illegible] | [illegible] | [illegible] | lbs/day | [illegible] | [illegible] | [illegible] | | | [illegible] | [illegible] |
| ffluent Gross Value | Sample Measurement | | | | | | | | | | |
| | [illegible] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [illegible] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [illegible] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [illegible] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [illegible] | | | | | | | | | | |

No Discharge from 001 & 002

| Name/Title Principal Executive Officer | | Date | 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. | 12/21/2011 | 435 | 687-9821 |
| Typed or Printed | | Rick M. Poulson<br>Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

omments and explanation of any violations:
' each outfall cannot achieve a 30 day average of 500 mg/L, then the permittee is limited to one ton (2000 lbs) per day as a sum from all outfalls.

# Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Hunter Coal Preparation Plant**

| UTG040009 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 002 Discharge Number | 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<br>00056 1 0 0<br>Effluent Gross Value | Sample Measurement | | | | ******* | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | mgd | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| pH<br>00400 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | SU | [redacted] | [redacted] | [redacted] |
| Solids, Total Suspended<br>00530 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Settleable Solids<br>00545 R 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mL/L | [redacted] | [redacted] | [redacted] |
| Iron, Total (as Fe)<br>01045 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Solids, Total Dissolved<br>70295 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease, Visual<br>84066 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |

NO Discharge

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011<br>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:
Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge and not exceed 0.5 ml/L.

# Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
Address: P.O. Box 310
Huntington, Utah 84528
Facility: **Hunter Coal Preparation Plant**

| UTG040009 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 001 Discharge Number | 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<br>00056 1 0 0<br>Effluent Gross Value | Sample Measurement | | | | ******* | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | mgd | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| pH<br>00400 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | SU | [redacted] | [redacted] | [redacted] |
| Solids, Total Suspended<br>00530 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Settleable Solids<br>00545 R 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mL/L | [redacted] | [redacted] | [redacted] |
| Iron, Total (as Fe)<br>01045 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Solids, Total Dissolved<br>70295 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease, Visual<br>84066 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |

No Discharge

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011<br>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:
Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge and not exceed 0.5 ml/L.

# Discharge Monitoring Report

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

UT0022896 — Permit Number

11/01/2011 | 11/30/2011 — Monitoring Period

Minor
F - Final, Combination 001, 003, 004, & 005
SUM A — 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 | | | |
| Solids, Total Dissolved (001) 70295 1 0 Effluent Gross Value | Sample Measurement | 129.13 | 129.13 | | ******* | ******* | ******* | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | lbs/day | [redacted] | [redacted] | [redacted] | **** | [redacted] | [redacted] | [redacted] |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | | | | | | | | | | |

No Discharge from 003, 004 & 005

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011 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:
Total discharge of TDS from outfalls 001, 003, and 005 shall not exceed 2,000 lbs/day during draw down.

# Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company | Minor | SED. POND @ WASTE ROCK AREA
Address: P.O. Box 310
Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine

| UT0022896 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 005A Discharge Number | 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 Value | Sample Measurement | | | | ******* | ******* | ******* | **** | | | |
| | [redacted] | [redacted] | [redacted] | mgd | [redacted] | [redacted] | [redacted] | **** | [redacted] | [redacted] | [redacted] |
| pH 00400 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | SU | [redacted] | [redacted] | [redacted] |
| Solids, Total Suspended 00530 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Settleable Solids 00545 O 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mL/L | [redacted] | [redacted] | [redacted] |
| Iron, Total (as Fe) 01045 10 Effluent Gross Value | Sample Measurement | ******* | | | ******* | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease 03582 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Solids, total dissolved 70295 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease, Visual 84066 O 0 Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | yes =1 no=0 | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |

No Discharge

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011 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 oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

# Discharge Monitoring Report

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

Minor

DISCHR SED POND COTTNWD CREEK

| UT0022896 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 004A Discharge Number | 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<br>00056 1 0<br>Effluent Gross Value | Sample Measurement | | | | ******* | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | mgd | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| pH<br>00400 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | SU | [redacted] | [redacted] | [redacted] |
| Solids, Total Suspended<br>00530 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Iron, Total (as Fe)<br>01045 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease<br>035821 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ****** | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease, Visual<br>84066 O 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | yes =1 no=0 | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |

No Discharge

| Name/Title Principal Executive Officer | | Date | 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. | 12/21/2011 | 435 | 687-9821 |
| Typed or Printed | | Rick M. Poulson<br>Signature of Principal Executive Officer or Authorized Representative | Area Code | Number |

Comments and explanation of any violations:
If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

# Discharge Monitoring Report

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

Minor

UT0022896 Permit Number

11/01/2011 11/30/2011 Monitoring Period

DISCHRG SED POND GRIMES WASH

003A Discharge Number

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 Value | Sample Measurement | | | | ******* | ******* | ******* | | | | |
| | [redacted] | [redacted] | [redacted] | mgd | [redacted] | [redacted] | [redacted] | | | [redacted] | [redacted] |
| pH 00400 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | SU | | [redacted] | [redacted] |
| Solids, Total Suspended 00530 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | | [redacted] | [redacted] |
| Settleable Solids 00545 O 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mL/L | | [redacted] | [redacted] |
| Iron, Total (as Fe) 01045 10 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | | [redacted] | [redacted] |
| Oil and Grease 03582 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | | [redacted] | [redacted] |
| Solids, total dissolved 70295 1 0 Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | | [redacted] | [redacted] |
| Oil and Grease, Visual 84066 1 0 Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | ******* | | | | |
| | Sample Measurement | [redacted] | [redacted] | yes =1 no=0 | [redacted] | [redacted] | [redacted] | | | [redacted] | [redacted] |

No Discharge

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011 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 oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

# Discharge Monitoring Report

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

Minor

| UT0022896 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 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<br>00056 1 0<br>Effluent Gross Value | Sample Measurement | 0.021 | 0.021 | | ******* | ******* | ******* | | 0 | 1/30 | Measured |
| | [illegible] | [illegible] | [illegible] | mgd | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] |
| pH<br>00400 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | 7.13 | ******* | 7.13 | | 0 | 1/30 | Grab |
| | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | SU | [illegible] | [illegible] | [illegible] |
| Solids, Total Suspended<br>00530 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | <5 | <5 | <5 | | 0 | 1/30 | Grab |
| | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | mg/L | [illegible] | [illegible] | [illegible] |
| Iron, Total (as Fe)<br>01045 10<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | <0.05 | | 0 | 1/30 | Grab |
| | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | mg/L | [illegible] | [illegible] | [illegible] |
| Oil and Grease<br>03582 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | N/A | | 0 | | |
| | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | mg/L | [illegible] | [illegible] | [illegible] |
| Solids, total dissolved<br>70295 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | 734 | | 0 | 1/30 | Grab |
| | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | mg/L | [illegible] | [illegible] | [illegible] |
| Oil and Grease, Visual<br>84066 O 0<br>Effluent Gross Value | Sample Measurement | ******* | 0 | | ******* | ******* | N/A | | 0 | 1/30 | Visual |
| | [illegible] | [illegible] | [illegible] | yes =1<br>no=0 | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] |
| | Sample Measurement | | | | | | | | | | |
| | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] |

| Name/Title Principal Executive Officer | | Date | 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. | 12/21/2011<br>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 oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

# Discharge Monitoring Report

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

Deer Creek Mine Discharge

| UT0023604 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 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<br>00056 1 0<br>Effluent Gross Value | Sample Measurement | 1.88 | 2.37 | | ******* | ******* | ******* | | 0 | 1/30 | Measured |
| | [redacted] | [redacted] | [redacted] | mgd | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| pH<br>00400 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | 7.2 | ******* | 7.2 | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | SU | [redacted] | [redacted] | [redacted] |
| Solids, Total Suspended<br>00530 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | <5 | <5 | <5 | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Iron, Total (as Fe)<br>01045 10<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | 0.4 | 0.4 | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease<br>00556 O 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | N/A | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Solids, Total Dissolved<br>70295 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | 521 | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | lbs/day | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease, Floating Solids, Foam; Visual<br>84066 1 0 / 45613 1 0<br>Effluent Gross Value | Sample Measurement | ******* | 0 | | ******* | ******* | ******* | | 0 | 1/30 | Visual |
| | [redacted] | [redacted] | [redacted] | yes =1 no=0 | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| | Sample Measurement | | | | | | | | | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011<br>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

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

Sediment Pond Outfall

| UT0023604 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 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<br>00056 1 0<br>Effluent Gross Value | Sample Measurement | | | | ******* | ******* | ******* | | 0 | 1/30 | Measured |
| | [redacted] | [redacted] | [redacted] | mgd | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |
| pH<br>00400 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | SU | [redacted] | [redacted] | [redacted] |
| Solids, Total Suspended<br>00530 1 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | | | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Settleable Solids<br>00545 R 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | N/A | | 0 | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mL/L | [redacted] | [redacted] | [redacted] |
| Iron, Total (as Fe)<br>01045 10<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | [redacted] | [redacted] | [redacted] | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease<br>00556 O 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | N/A | | *** | | |
| | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Solids, Total Dissolved<br>70295 1 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | | | 0 | 1/30 | Grab |
| | [redacted] | [redacted] | [redacted] | lbs/day | [redacted] | [redacted] | [redacted] | mg/L | [redacted] | [redacted] | [redacted] |
| Oil and Grease, Floating Solids, Foam; Visual<br>84066 1 0 / 45613 1 0<br>Effluent Gross Value | Sample Measurement | ******* | 0 | | ******* | ******* | ******* | | 0 | 1/30 | Visual |
| | [redacted] | [redacted] | [redacted] | yes =1 no=0 | [redacted] | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] |

No Discharge

| Name/Title Principal Executive Officer | | Date | 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. | 12/21/2011 | 435 | 687-9821 |
| Typed or Printed | | Rick M. Poulson<br>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.

# Discharge Monitoring Report

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

Mine Discharge to Cottonwood Creek

| UT0023728 Permit Number | 11/01/2011 – 11/30/2011 Monitoring Period | 002A Discharge Number | 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<br>00056 1 0 0<br>Effluent Gross Value | Sample Measurement | | | | ******* | ******* | ******* | | | | Measrd |
| | [redacted] | | | mgd | | | | | | | |
| pH<br>00400 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | ******* | | | | | |
| | [redacted] | | | | | | | SU | | | |
| Solids, Total Suspended<br>00530 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | | | | | | | |
| | [redacted] | | | | | | | mg/L | | | |
| Settleable Solids<br>00545 R 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | | | | | | |
| | [redacted] | | | | | | | mL/L | | | |
| Iron, Total (as Fe)<br>01045 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | | | | | | | mg/L | | | |
| Oil and Grease<br>00556 O 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | | | | | - |
| | [redacted] | | | | | | | mg/L | | | |
| Solids, Total Dissolved<br>70295 1 0 0<br>Effluent Gross Value | Sample Measurement | ******* | ******* | | ******* | ******* | | | | | |
| | [redacted] | | | lbs/day | | | | mg/L | | | |
| Oil and Grease, Floating Solids, Foam; Visual<br>84066 1 0 / 45613 1 0<br>Effluent Gross Value | Sample Measurement | ******* | | | ******* | ******* | ******* | | | | |
| | [redacted] | | | yes =1 no=0 | | | | | | | |

No Discharge

| Name/Title Principal Executive Officer | | Date: | 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. | 12/21/2011<br>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:
During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed