INTERWEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

Interwest Mining Company
Huntington Office
P. O. Box 310
15 North Main Street
Huntington, UT 84528

July 27, 2015

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

All:

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 June 2015. All parameters were in compliance with UPDES permits except for the Deer Creek Sediment Pond discharge (Outfall 001) total suspended solids. This was likely due to high rainfall and runoff during May; this parameter is expected to return to compliance in July.

For your information, the Deer Creek Mine portals were sealed on April 17, 2015. On that date, mine water discharge from Deer Creek Outfall 002 ceased for an indefinite period of time.

As of June 6, 2015, the Trail Mountain Mine, Cottonwood Mine Waste Rock Site and Cottonwood Preparation Plant are now owned and operated by Bowie Resource Partners, LLC. After June, 2015, Pacificorp / Interwest will no longer submit DMR reports for these sites.

As of June 28, 2015, Energy West Mining Company is no longer the operator of the Deer Creek Mine. The operator of the mine is now East Mountain Energy, LLC, an independent company. All permitting and compliance duties for the mine are being assumed by Interwest Mining Company, an existing subsidiary of PacifiCorp.

Also included is the updated Salinity Offset Program tracking sheet for Deer Creek Mine.

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

Sincerely,

Rick M. Poulson
General Manager of Mines

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

6/1/2015	6/6/2015
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 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	*******	*******		******	******	******				
	Permit Requirement	*******	*******		25 30 Day Avg	35 7 Day Avg	70 Daily Max	mg/L		Monthly	Grab
Solids, Settleable 00545 O 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	*******	*******		*******	*******	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

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.	7/27/2015 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

6/1/2015	6/6/2015
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	*******	*******		*******	*******	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: 7/27/2015	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.	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

6/1/2015	6/6/2015
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: 7/27/2015	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.	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

6/1/2015	6/6/2015
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	*******	*******		*******	*******	136 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	*******	*******		*******	*******	*******			Montly	Visual/Grab

No Discharge

Name/Title Principal Executive Officer		Date: 7/27/2015	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.	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

6/1/2015 | 6/30/2015
Monitoring Period

Sediment Pond Outfall

001A
Discharge Number

No Discharge ☐

Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Value	Value	Units	Value	Value	Value	Units			
Flow Rate 00056 1 0 Effluent Gross Value	Sample Measurement	0.0096	*******		*******	*******	*******	*******	0		Measured
	Permit Requirement	0.19 30 daily avg	*******	mgd	*******	*******	*******	*******		Monthly	Measured
pH 00400 1 0 Effluent Gross Value	Sample Measurement	*******	*******	*******	8.21	*******	8.21		0		
	Permit Requirement	*******	*******	*******	6.5 daily min	*******	9.0 daily max	SU		Monthly	Grab
Solids, Total Suspended 00530 1 0 Effluent Gross Value	Sample Measurement	*******	*******	*******	151	151	151		0		
	Permit Requirement	*******	*******	*******	25 30 day avg	35 7 day avg	70 daily max	mg/L		Monthly	Grab
Settleable Solids 00545 R 0 Effluent Gross Value	Sample Measurement	*******	*******	*******	*******	*******	N/A		0		
	Permit Requirement	*******	*******	*******	*******	*******	0.5 Daily max	mL/L		See Permit	Grab
Oil and Grease 00556 1 0 Effluent Gross Value	Sample Measurement	*******	******	******	*******	*******	<5		0		
	Permit Requirement	*******	*******	*******	*******	*******	10 Daily max	mg/L		Monthly	Grab
Iron, Total (as Fe) 01045 10 Effluent Gross Value	Sample Measurement	*******	*******	*******	*******	<0.05	<0.05		0		
	Permit Requirement	*******	*******	*******	*******	*******	1.0 Daily max	mg/L		Monthly	Grab
Floating Solids, waste or visible foam; Visual 45613 1 0	Sample Measurement	*******	0		*******	*******	*******	*******	0		
	Permit Requirement	*******	0 inst max	yes =1 no=0	*******	*******	*******	*******		Monthly	Visual
Sanitary waste discharged - assessment 45614 1 0	Sample Measurement	*******	*******	*******	*******	*******	*******		0		
	Permit Requirement	*******	*******	*******	*******	*******	0 daily max	yes =1 no=0		Monthly	Visual
Solids, Total dissolved 70295 1 0 Effluent Gross	Sample Measurement	*******	*******	*******	*******	*******	2428		0		
	Permit Requirement	*******	*******	*******	*******	*******	Req. Mon. daily max	mg/L		See Permit	Grab
Oil and Grease visual 84066 1 0 Effluent Gross	Sample Measurement	*******	******		*******	*******	*******	*******	0		
	Permit Requirement	*******	0 inst max	yes =1 no=0	*******	*******	*******	*******		Monthly	Visual

Name/Title Principal Executive Officer		Date: 7/27/2015	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.	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:
Settleable Solids limits will apply during runoff event less than or equal to the 10yr/24hr storm event. Otherwise enter N/A for settleable Solids. See Permit.

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**

Deer Creek Mine Discharge

UT0023604 Permit Number	6/1/2015 – 6/30/2015 Monitoring Period	002A Discharge Number	No Discharge [X]

No Discharge

Parameter		Quantity or Loading Value	Quantity or Loading Value	Quantity or Loading Units	Quantity or Concentration Value	Quantity or Concentration Value	Quantity or Concentration Value	Quantity or Concentration Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate 00056 1 0 Effluent Gross Value	Sample Measurement	*******	*******		*******	*******	*******	*******	0		Measured
	Permit Requirement	5 30 day avg	*******	mgd	*******	*******	*******	*******		Continuous	RCOTOT
pH 00400 1 0 Effluent Gross Value	Sample Measurement	*******	*******		*******	*******			0		
	Permit Requirement	*******	*******		6.5 Daily min	*******	9.0 daily max	SU		Monthly	Grab
Solids, Total Suspended 00530 1 0 Effluent Gross Value	Sample Measurement	*******	*******		*******	*******	*******		0		
	Permit Requirement	*******	*******		15 30 day avg	70 daily max	*******	mg/L		Monthly	Grab
Oil and Grease 00556 O 0 Effluent Gross Value	Sample Measurement	*******	*******		*******	*******	*******		0		
	Permit Requirement	*******	*******		*******	*******	10 Daily max	mg/L		Monthly	Grab
Iron, Total (as Fe) 01045 10 Effluent Gross	Sample Measurement	*******	*******		*******	*******	*******		0		
	Permit Requirement	*******	*******		*******	*******	1.0 Daily max	mg/L		Monthly	Grab
Visual Foam - Visual 45613 1 0 Effluent Gross	Sample Measurement	*******	*******		*******	*******	*******	*******	0		
	Permit Requirement	*******	0 daily max	yes =1 no=0	*******	*******	*******	*******		Monthly	Visual
assessment 45614 1 0 Effluent Gross Value	Sample Measurement	*******	*******	*******	*******	*******	*******		0		
	Permit Requirement	*******	*******	*******	*******	*******	0 daily max	yes =1 no=0		Monthly	Visual
Solids, Total Dissolved 70295 1 0 Effluent Gross	Sample Measurement	*******	*******		*******	*******	*******		0		
	Permit Requirement	*******	*******	lbs/day	*******	*******	Req. Mon. Daily Max	mg/L		See Permit	Grab
Oil and Grease Visual 84066 O 0 See Comments	Sample Measurement	*******	*******		*******	*******	*******	*******	0		
	Permit Requirement	*******	0 inst max	yes =1 no=0	*******	*******	*******	*******		Monthly	Visual

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.	7/27/2015 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:
Monitoring for Oil and Grease and also do a visual. Sample TDS as per permit, the same value should be entered for 001 and 002. *Deer Creek Mine portals sealed on 4/17/2015 - no discharge after sealing.

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

6/1/2015	6/30/2015
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	Sample Measurement	*****	0.024		*******	*******	*******	****	0	1/30	
00056 1 0 Effluent Gross	Permit Requirement	******	034 30 Day Avg	MGD	*******	*******	*******	****		Monthly	Measured
pH	Sample Measurement	*******	*******		7.29	*******	7.29		0	1/30	
00400 1 0 Effluent Gross	Permit Requirement	*******	*******		6 5 Daily Min	*******	9 0 Daily Max	SU		Monthly	Grab
Solids, Total Suspended	Sample Measurement	*******	*******		*****	<5	<5		0	1/30	
00530 1 0 Effluent Gross	Permit Requirement	*******	*******		******	20 30 Day Avg	30 7 Day Avg	mg/L		Monthly	Grab
Iron, Total (as Fe)	Sample Measurement	*******	*******		*******	*******	<0.05		0	1/30	
01045 1 0 Effluent Gross	Permit Requirement	*******	*******		*******	*******	1 0 Daily max	mg/L		Monthly	Grab
Oil and Grease	Sample Measurement	*******	*******		*******	*******	N/A		0	1/30	
03582 1 0 Effluent Gross	Permit Requirement	*******	*******		*******	*******	10 Daily Max	mg/L		Monthly	Grab
Floating Solids or Visible Foam-visual	Sample Measurement	*******	******		*******	*******	0		0	1/30	
45613 1 0 Effluent Gross	Permit Requirement	*******	******		*******	*******	0 Daily Max	Y=1;N=0		Montly	Visual
Sanitary waste discharged-assessment	Sample Measurement	*******	******		*******	*******	0		0	1/30	
45614 1 0 Effluent Gross	Permit Requirement	*******	******		*******	*******	0 Daily Max	Y=1;N=0		Monthly	Visual

Name/Title Principal Executive Officer		Date: 7/27/2015	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.	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.

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

6/1/2015	6/30/2015
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	*******	*******		******	*******	703		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: 7/27/2015	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.	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:
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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

6/1/2015	6/30/2015
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 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	*******	*******		*******	*******	******				
	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: 7/27/2015	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.	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.

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

6/1/2015	6/30/2015
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: 7/27/2015	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.	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

6/1/2015 | 6/30/2015
Monitoring Period

DMR Zip Code: 84528

Waste Rock Sed Pond to Grimes Wash External Outfall

No Discharge [X]

No Discharge

Parameter		Quantity or Loading Value	Quantity or Loading Value	Quantity or Loading Units	Quantity or Concentration Value	Quantity or Concentration Value	Quantity or Concentration Value	Quantity or Concentration Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate 00056 1 0 Effluent Gross	Sample Measurement	******	******		*******	*******	*******	****			
	Permit Requirement	*******	3 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] 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	*******	*******		*******	*******	******				
	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

Name/Title Principal Executive Officer		Date: 7/27/2015	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.	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.

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

6/1/2015	6/30/2015
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: 7/27/2015	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.	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.

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

6/1/2015	6/30/2015
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: 7/27/2015	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.	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

6/1/2015	6/6/2015
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	Sample Measurement	******	******		*******	*******	*******				
00056 1 0 Effluent Gross	Permit Requirement	Report 30 day avg	Report Daily max	gpm	*******	*******	*******			Monthly	Measured
pH	Sample Measurement	*******	*******		******	*******	******				
00400 1 0 Effluent Gross	Permit Requirement	*******	*******		6.5 Minimum	******	9.0 Maximum	SU		Monthly	Grab
Solids, Total Suspended	Sample Measurement	*******	*******		******	[illegible]	******				
00530 P 0 See Comments	Permit Requirement	*******	*******		25 30 day av	[illegible] day avg	70 daily max	mg/L		Monthly	Grab
Solids, Settleable	Sample Measurement	*******	*******		[illegible]	*******	*******				
00545 Q 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	*******	*******		*******	*******	Opt. Mon. 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

No Discharge

Name/Title Principal Executive Officer		Date: 7/27/2015	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.	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.

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

6/1/2015	6/6/2015
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: 7/27/2015	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.	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

6/1/2015 | 6/6/2015
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	Sample Measurement	******	******		*******	*******	*******				
00056 1 0 Effluent Gross	Permit Requirement	Report 30 day avg	Report Daily max	gpm	*******	*******	*******			Monthly	Measured
pH	Sample Measurement	*******	*******		******	*******	******				
00400 1 0 Effluent Gross	Permit Requirement	*******	*******		6.5 Minimum	*******	[illegible]	SU		Monthly	Grab
Solids, Total Suspended	Sample Measurement	*******	*******		******	*******	******				
00530 P 0 See Comments	Permit Requirement	*******	*******		25 30 day avg	[illegible] avg	70 daily max	mg/L		Monthly	Grab
Solids, Settleable	Sample Measurement	*******	*******		[illegible]	*******	*******				
00545 Q 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	*******	*******		*******	*******	Opt Mon 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

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: 7/27/2015	435	687-9821
Typed or Printed		Rick M. Poulson 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.

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

6/1/2015	6/6/2015
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	*******	******		*******	*******	*******	****		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

Name/Title Principal Executive Officer		Date: 7/27/2015	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.	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.

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

6/1/2015	6/6/2015
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	*******	*******		*******	*******	*******			Montly	Grab

No Discharge

Name/Title Principal Executive Officer		Date: 7/27/2015	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.	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)

Interwest Mining Company
Deer Creek Mine
UPDES Permit UT0023604
Salinity (TDS) Offset Cost Calculation Sheet

See Sheet 2 for Constants, Variables, Assumptions
See Sheet 3 for TDS Loading Calculation

Calendar Year 2015

2015		
Mine Discharge Rate	1,100	g/d
Average TDS Concentration	550	mg/l
Calculated daily TDS load	3.64	tons
Minus 1 ton per day allowed	-1	ton
Needed Credit per day	2.64	tons
Needed Credit per year	962.00	tons

Total Credits for 1-Year Plan:	Credits:
2015	962.00
One Year Total Credits Required:	962.00
Total Cost For Credits	$47,724.82
(Assume $49.61 per ton)	

Energy West Mining Company Deer Creek Mine TDS Credits Month - Year:	Average Daily TDS Load (Tons)	TDS Credits Used (Curr. Month)	TDS Credits Used (Cumulative)	Available TDS Credits:	Percentage of Fund Remaining
				962.0	100.0%
January-15	5.275	163.5	163.5	798.5	83.0%
February-15	0.023	0.6	164.2	797.8	82.9%
March-15	1.029	31.9	196.1	765.9	79.6%
April-15	0.059	1.8	197.9	764.1	79.4%
May-15	-0.871	0.0	197.9	764.1	79.4%
June-15	-0.903	0.0	197.9	764.1	79.4%
July-15					
August-15					
September-15					
October-15					
November-15					
December-15					

Salinity (TDS) is measured at the new compliance point (SUM-A) below the confluence of DCD-001 and DCD-002.
(BASIS FOR EFFLUENT LIMITATIONS, 5. a. i. & ii, UPDES Permit UT0023604, Energy West Deer Creek Mine)

"Salt" Loading Calculations

Constants:

1 day =	1440	minutes
1 gallon=	3.78541	liters
1 pound=	453592	milligrams

Assumptions:

Discharge TDS	550	mg/l	Total Dissolved Solids
Discharge Vol	1100	gpm	from now until shutdown
Discharge Vol	350	gpm	after shutdown
Cost per Credit	49.61		Cost Calculated by DWQ

At 1100 gpm, salt load per day will be:

Discharge per day =	1,584,000	gallons per day
	5,996,089.4	liters per day
	3,297,849,192	milligrams of salt per day
	7,270.5	pounds of salt per day
	3.64	tons of salt per day

At 350 gpm, salt load per day will be:

Discharge per day =	504,000	gallons per day
	1,907,846.6	liters per day
	1,049,315,652	milligrams of salt per day
	2,313.3	pounds of salt per day
	1.16	tons of salt per day

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: January
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	685	0.006	1524.5	6.27	12,549.26	31	194.51
SAMPLE AVERAGE	685	0.006	1524.5	6.27	12,549.26	31	194.51
SAMPLE MAXIMUM	685	0.006	1533.0	6.31	12,618.90		
SAMPLE MINIMUM	685	0.006	1143.0	4.70	9,408.61		

TOTAL GALLONS DISCHARGE FOR **January** 68,055,466

DMR REPORTING: **MAX. = Sampled TDS(1 sample) with sampled flow rate.**
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 **DAYS**
SAMPLE AVERAGE TDS =1 SAMPLE **Mean =** 685 **mg/l**
SAMPLE AVERAGE FLOW = 1524.54 **GPM**
DURATION OF DISCHARGE = 31 **Days**

AVERAGE FLOW	1524.5	**GPM**	2,195,338	**GPD**
MAXIMUM FLOW	1533	**GPM**	2,207,520	**GPD**

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: February
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	579	0.005	294.0	1.02	2,045.57	28	28.64
SAMPLE AVERAGE	579	0.005	294.0	1.02	2,045.57	28	28.64
SAMPLE MAXIMUM	579	0.005	1455.0	5.06	10,123.49		
SAMPLE MINIMUM	579	0.005	0.0	0.00	0.00		

TOTAL GALLONS DISCHARGE FOR **February** 11,854,080

DMR REPORTING: **MAX. = Sampled TDS(1 sample) with sampled flow rate.**
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 28 **DAYS**
SAMPLE AVERAGE TDS =1 SAMPLE **Mean =** 579 **mg/l**
SAMPLE AVERAGE FLOW = 294 **GPM**
DURATION OF DISCHARGE = 28 **Days**

AVERAGE FLOW	294.0	**GPM**	423,360	**GPD**
MAXIMUM FLOW	1455	**GPM**	2,095,200	**GPD**

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: March
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	457	0.004	739.1	2.03	4,058.90	31	62.91
SAMPLE AVERAGE	457	0.004	739.1	2.03	4,058.90	31	62.91
SAMPLE MAXIMUM	457	0.004	870.0	2.39	4,777.76		
SAMPLE MINIMUM	457	0.004	536.0	1.47	2,943.54		

TOTAL GALLONS DISCHARGE FOR **March** 32,993,424

DMR REPORTING: **MAX. = Sampled TDS(1 sample) with sampled flow rate.**
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 **DAYS**
SAMPLE AVERAGE TDS =1 SAMPLE **Mean =** 457 **mg/l**
SAMPLE AVERAGE FLOW = 739.1 **GPM**
DURATION OF DISCHARGE = 31 **Days**

AVERAGE FLOW	739.1	**GPM**	1,064,304	**GPD**
MAXIMUM FLOW	870	**GPM**	1,252,800	**GPD**

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: April
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	457	0.004	385.8	1.06	2,118.69	30	31.78
SAMPLE AVERAGE	457	0.004	385.8	1.06	2,118.69	30	31.78
SAMPLE MAXIMUM	457	0.004	888.0	2.44	4,876.61		
SAMPLE MINIMUM	457	0.004	0.0	0.00	0.00		

TOTAL GALLONS DISCHARGE FOR **April** 16,666,560

DMR REPORTING: **MAX. = Sampled TDS(1 sample) with sampled flow rate.**
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 **DAYS**
SAMPLE AVERAGE TDS =1 SAMPLE **Mean =** 457 **mg/l**
SAMPLE AVERAGE FLOW = 385.8 **GPM**
DURATION OF DISCHARGE = 30 **Days**

AVERAGE FLOW	385.8	**GPM**	555,552	**GPD**
MAXIMUM FLOW	888	**GPM**	1,278,720	**GPD**

DEER CREEK MINE SEDIMENT POND DISCHARGE - DCD-001

MONTH: May
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	4452	0.037	4.8	0.13	257.33	31	3.99
SAMPLE AVERAGE	4452	0.037	4.8	0.13	257.33	31	3.99
SAMPLE MAXIMUM	4452	0.037	4.8	0.13	257.33		
SAMPLE MINIMUM	4452	0.037	4.8	0.13	257.33		

TOTAL GALLONS DISCHARGE FOR **May** 214,718

DMR REPORTING: **MAX. = Sampled TDS(1 sample) with sampled flow rate.**
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 **DAYS**
SAMPLE AVERAGE TDS =1 SAMPLE **Mean =** 4452 **mg/l**
SAMPLE AVERAGE FLOW = 4.81 **GPM**
DURATION OF DISCHARGE = 30 **Days**

AVERAGE FLOW	4.8	**GPM**	6,926	**GPD**
MAXIMUM FLOW	4.81	**GPM**	6,926	**GPD**

DEER CREEK MINE SEDIMENT POND DISCHARGE - DCD-001

MONTH: June
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	2428	0.020	6.7	0.10	194.90	30	2.92
SAMPLE AVERAGE	2428	0.020	6.7	0.10	194.90	30	2.92
SAMPLE MAXIMUM	2428	0.020	6.7	0.10	194.90		
SAMPLE MINIMUM	2428	0.020	6.7	0.10	194.90		

TOTAL GALLONS DISCHARGE FOR **June** 288,576

DMR REPORTING: **MAX. = Sampled TDS(1 sample) with sampled flow rate.**
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 **DAYS**
SAMPLE AVERAGE TDS =1 SAMPLE **Mean =** 2428 **mg/l**
SAMPLE AVERAGE FLOW = 6.68 **GPM**
DURATION OF DISCHARGE = 30 **Days**

AVERAGE FLOW	6.7	**GPM**	9,619	**GPD**
MAXIMUM FLOW	6.68	**GPM**	9,619	**GPD**