



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

June 26, 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 May 2015. All parameters were in compliance with UPDES permits.

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 / Energy West will no longer submit DMR reports for these sites.

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  
Mine Manager

Encl

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

# Discharge Monitoring Report (DMR)

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

001-A  
 Discharge Number  
 UT0023728  
 Permit Number

5/1/2015  
 Monitoring Period

DMR Zip Code: 84528  
 Sed Pond Discharge to CCC  
 External Outfall

No Discharge

Parameter	Quantity or Loading		Quantity or Concentration				Frequency of Analysis	Sample Type
	Value	Units	Value	Value	Value	Units		
Flow Rate	*****		*****	*****	*****	****		
00056 1 0 Effluent Gross	*****	5 30 Day Avg	*****	*****	*****	****	Measured	
pH	*****		*****	*****	*****			
00400 1 0 Effluent Gross	*****		6.5 Daily Min	9.0 Daily Max	*****	SU	Grab	
Solids, Total Suspended	*****		*****	*****	*****			
00530 1 0 Effluent Gross	*****		35 7 Day Avg	70 Daily Max	*****	mg/L	Grab	
Solids, Settleable	*****		*****	*****	*****			
00545 0 0 See Comments	*****		*****	0.5 Daily Max	*****	ml/L	Grab	
Iron, Total (as Fe)	*****		*****	*****	*****			
01045 1 0 Effluent Gross	*****		*****	1.0 Daily Max	*****	mg/L	Grab	
Oil and Grease	*****		*****	*****	*****			
03582 1 0 Effluent Gross	*****		*****	10 Daily Max	*****	mg/L	Grab	
Floating Solids or Visible Foam-visual	*****		*****	*****	*****			
45613 1 0 Effluent Gross	*****		*****	0 Daily max	*****	Y=1;N=0	Visual	
Name/Title Principal Executive Officer		Date: 6/26/2015		Telephone				
Rick M. Poulson - Mine Manager Energy West Mining Company		Signature of Principal Executive Officer or Authorized Representative		Area Code		Number		
Typed or Printed		Rick M. Poulson		435		687-9821		

NO DISCHARGE

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.

Comments and explanation of any violations:  
 Sample for Settleable 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: Trail Mountain Mine

002-A  
 Discharge Number  
 UT0023728  
 Permit Number

DMR Zip Code: 84528  
 Mine Discharge to CCC  
 External Outfall

5/1/2015  
 Monitoring Period

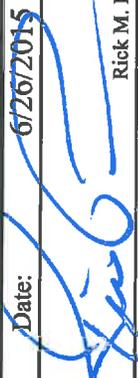
No Discharge

Parameter	Quantity or Loading		Quantity or Concentration			Frequency of Analysis	Sample Type
	Value	Units	Value	Value	Units		
Flow Rate	*****		*****	*****	****		
00056 1 0 Effluent Gross	*****	MGD	*****	*****	****	Monthly	Measured
pH	*****		*****	*****			
00400 1 0 Effluent Gross	*****		6.5 Daily Min	9.0 Daily Max	SU	Monthly	Grab
Solids, Total Suspended	*****		*****	*****			
00530 1 0 Effluent Gross	*****		20 30 Day Avg	30 7 Day Avg	mg/L	Monthly	Grab
Iron, Total (as Fe)	*****		*****	*****			
01045 1 0 Effluent Gross	*****		*****	1.0 Daily Max	mg/L	Monthly	Grab
Oil and Grease	*****		*****	*****			
03582 1 0 Effluent Gross	*****		*****	10 Daily Max	mg/L	Monthly	Grab
Floating Solids or Visible Foam-visual	*****		*****	*****			
45613 1 0 Effluent Gross	*****		*****	0 Daily Max	Y=1;N=0	Monthly	Visual
Sanitary waste discharged- assessment	*****		*****	*****			
45614 1 0 Effluent Gross	*****		*****	0 Daily Max	Y=1;N=0	Monthly	Visual

NO DISCHARGE

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Name/Title: **Principal Executive Officer**  
 Rick M. Poulson - Mine  
 Manager Energy West Mining Company

Signature of Principal Executive Officer or Authorized Representative:   
 Date: 6/26/2015

Area Code: 435  
 Telephone: 687-9821  
 Number: 821

Comments and explanation of any violations:  
 Sample for Settleable 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

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

Sediment Pond Outfall

UT0023604  
Permit Number

5/1/2015      5/31/2015  
Monitoring Period

001A  
Discharge Number

No Discharge

Parameter	Quantity or Loading		Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
	Value	Units	Value	Value	Value	Units			
Flow Rate 00056 1 0 Effluent Gross Value	0.19 dav.ave	30 mgd	*****	*****	*****	*****	0	*****	Measured
pH	*****	*****	*****	*****	*****	*****	0	*****	Measured
00400 1 0 Effluent Gross Value	*****	*****	7.88	6.5 daily min	*****	7.88	0	SU	Grab
Solids, Total Suspended	*****	*****	*****	*****	*****	*****	0	*****	*****
00530 1 0 Effluent Gross Value	*****	*****	20	25 30 day.ave	*****	20	0	mg/L	Grab
Settleable Solids	*****	*****	*****	*****	*****	*****	0	*****	*****
00545 R 0 Effluent Gross Value	*****	*****	*****	*****	*****	*****	0	*****	*****
Oil and Grease	*****	*****	*****	*****	*****	*****	0	*****	*****
00556 1 0 Effluent Gross Value	*****	*****	*****	*****	*****	*****	0	*****	*****
Iron, Total (as Fe)	*****	*****	*****	*****	*****	*****	0	*****	*****
01045 1 0 Effluent Gross Value	*****	*****	0.17	*****	*****	0.17	0	mg/L	Grab
Floating Solids, waste or visible foam; Visual	*****	*****	*****	*****	*****	*****	0	*****	*****
45613 1 0 Sanitary waste discharged assessment	*****	*****	*****	*****	*****	*****	0	*****	*****
45614 1 0 Solids, Total dissolved	*****	*****	*****	*****	*****	*****	0	*****	*****
70295 1 0 Effluent Gross	*****	*****	*****	*****	*****	4452	0	mg/L	Grab
Oil and Grease visual	*****	*****	*****	*****	*****	*****	0	*****	*****
84066 1 0 Effluent Gross	*****	*****	*****	*****	*****	*****	0	*****	*****

**Name/Title Principal Executive Officer**  
 Rick M. Poulson - Mine  
 Manager Energy West Mining Company

**Signature of Principal Executive Officer or Authorized Representative**  
  
 Rick M. Poulson

**Date:** 6/26/2015

**Telephone**  
 687-9821

**Area Code**  
 435

**Number**  
 84066

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.

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.

# 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

5/1/2015      5/31/2015  
Monitoring Period

002A  
Discharge Number

No Discharge

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

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Date: 6/26/2015

Signature of Principal Executive Officer or Authorized Representative:  Rick M. Poulson

Telephone: 687-9821

Area Code: 435

Number: 687-9821

Name/Title Principal Executive Officer  
 Rick M. Poulson - Mine  
 Manager Energy West Mining  
 Company

Typed or Printed

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

DMR Zip Code: 84528  
 Cont GW Disch to CTW Crk  
 External Outfall  No Discharge

001-A  
 Discharge Number  
 UT0022896  
 Permit Number

5/1/2015  
 Monitoring Period  
 5/31/2015

Parameter	Quantity or Loading		Quantity or Concentration				Frequency of Analysis	Sample Type
	Value	Units	Value	Value	Units	No. Ex.		
Flow Rate 00056 1 0 Effluent Gross	***** ***** *****	0.024 054 30 Day Avg MGD	***** ***** *****	***** ***** *****	***** ***** *****	0 0 0	1/30 Monthly 1/30	
pH 00400 1 0 Effluent Gross	***** ***** *****	***** ***** *****	7.32 6.5 Daily Max	7.32 9.0 Daily Max	SU	0	Monthly 1/30	Measured Grab
Solids, Total Suspended 00530 1 0 Effluent Gross	***** ***** *****	***** ***** *****	***** ***** *****	<5 20 30 Day Avg	<5 mg/L	0	1/30 Monthly Monthly	Grab
Iron, Total (as Fe) 01045 1 0 Effluent Gross	***** ***** *****	***** ***** *****	***** ***** *****	0.09 1.0 Daily Max	mg/L	0	1/30 Monthly	Grab
Oil and Grease 03582 1 0 Effluent Gross	***** ***** *****	***** ***** *****	***** ***** *****	N/A 10 Daily Max	mg/L	0	1/30 Monthly	Grab
Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross	***** ***** *****	***** ***** *****	***** ***** *****	0 0 Daily Max	Y=1;N=0	0	1/30 Monthly	Visual
Sanitary waste discharged- assessment 45614 1 0 Effluent Gross	***** ***** *****	***** ***** *****	***** ***** *****	0 0 Daily Max	Y=1;N=0	0	1/30 Monthly	Visual

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Name/Title: Rick M. Poulson - Mine Manager  
 Energy West Mining Company  
 Signature of Principal Executive Officer or Authorized Representative  
 Date: 6/26/2015  
 Telephone: 687-9821  
 Area Code: 435  
 Number: 687-9821

Comments and explanation of any violations:  
 Sample for Settleable 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

DMR Zip Code: 84528  
 Dischrg Sed Pond Grimes Wash  
 External Outfall

No Discharge

003-A  
 Discharge Number  
 UT0022896  
 Permit Number

5/1/2015  
 Monitoring Period

Parameter	Quantity or Loading		Quantity or Concentration				Frequency of Analysis	Sample Type
	Value	Units	Value	Value	Value	Units		
Flow Rate 00056 1 0 Effluent Gross	***** *****	***** 5 30 Day Avg	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****
pH 00400 1 0 Effluent Gross	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****
Solids, Total Suspended 00530 1 0 Effluent Gross	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****
Solids, Settleable 00545 0 0 See Comments	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****
Iron, Total (as Fe) 01045 1 0 Effluent Gross	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****
Oil and Grease 03582 1 0 Effluent Gross	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****
Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****	***** *****

NO DISCHARGE

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Name/Title Principal Executive Officer  
 Rick M. Poulson - Mine  
 Manager Energy West Mining  
 Company

Signature of Principal Executive Officer or Authorized Representative  
 Rick M. Poulson

Date: 6/26/2015

Area Code 435  
 Telephone 687-9821  
 Number

Comments and explanation of any violations:  
 Sample for Settleable 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

5/1/2015  
 Monitoring Period

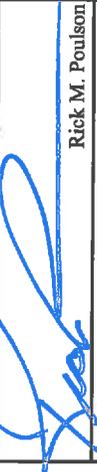
DMR Zip Code: 84528  
 Dischrg Sed Pond Grimes Wash  
 External Outfall

No Discharge

Parameter	Quantity or Loading		Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
	Value	Units	Value	Value	Units			
Sanitary waste discharged- assessment	*****	****	*****	*****				
45614 10 Effluent Gross	*****	****	*****	*****	Y=1;N=0	Monthly	Visual	
Solids, Total Dissolved	*****		*****	*****	Daily max			
70295 10 Effluent Gross	*****		*****	*****	1200 Daily Max	Monthly	Grab	
Oil and Grease Visual	*****		*****	*****	****			
84066 10 Effluent Gross	*****	Y=1;N=0	*****	*****	****	Monthly	Visual	
	*****		*****	*****				
	*****		*****	*****		Monthly	Grab	
	*****		*****	*****				
	*****		*****	*****		Monthly	Grab	
	*****		*****	*****				
	*****		*****	*****		Monthly	Grab	
	*****		*****	*****				
	*****		*****	*****		Monthly	Visual/Grab	

NO DISCHARGE

Date: 6/26/2015

Signature of Principal Executive Officer or Authorized Representative  
  
 Rick M. Poulson

435

687-9821

Comments and explanation of any violations:  
 Sample for Settleable 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

DMR Zip Code: 84528  
 Waste Rock Sed Pond to Grimes Wash  
 External Outfall

5/1/2015	5/31/2015
Monitoring Period	

005-A	Discharge Number
UT0022896	Permit Number

No Discharge

Parameter	Quantity or Loading		Quantity or Concentration			Frequency of Analysis	Sample Type
	Value	Units	Value	Units	No. Ex.		
Flow Rate	*****		*****	****			
00056 1 0	*****		*****	****			
Effluent Gross	*****	MGD	*****			Monthly	Measured
pH	*****		*****				
00400 1 0	*****		*****				
Effluent Gross	*****		*****	SU		Monthly	Grab
Solids, Total Suspended	*****		*****				
00530 1 0	*****		*****	mg/L		Monthly	Grab
Effluent Gross	*****		*****				
Solids, Settleable	*****		*****				
00545 0 0	*****		*****	mL/L		Monthly	Grab
See Comments	*****		*****				
Iron, Total (as Fe)	*****		*****				
01045 1 0	*****		*****	mg/L		Monthly	Grab
Effluent Gross	*****		*****				
Oil and Grease	*****		*****				
03582 1 0	*****		*****			Monthly	Grab
Effluent Gross	*****		*****				
Floating Solids or Visible Foam-visual	*****		*****				
45613 1 0	*****		*****	Y=1;N=0		Monthly	Visual
Effluent Gross	*****		*****				

NO DISCHARGE

Date: 6/26/2015

Rick M. Poulson  
 Signature of Principal Executive Officer or Authorized Representative

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Name/Title Principal Executive Officer  
 Rick M. Poulson - Mine  
 Manager Energy West Mining Company

Telephone  
687-9821

Area Code  
435

Number  
687-9821

Comments and explanation of any violations:  
 Sample for Settleable 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

DMR Zip Code: 84528

Sum of All Outfalls  
 External Outfall

No Discharge

5/1/2015  
 Monitoring Period

Parameter	Quantity or Loading		Quantity or Concentration				Frequency of Analysis	Sample Type
	Value	Units	Value	Value	Value	Units		
Solids, Total Dissolved	*****		*****	*****	*****		1/30	
70295 10 Effluent Gross	*****	187.36	*****	*****	*****	0	Monthly	Grab
Permit Requirement	*****	2000 lbs/day	*****	*****	*****		Monthly	Grab
Sample Measurement	*****	*****	*****	*****	*****		Monthly	Grab
Permit Requirement	*****	*****	*****	*****	*****		Monthly	Grab
Sample Measurement	*****	*****	*****	*****	*****		Monthly	Grab
Permit Requirement	*****	*****	*****	*****	*****		Monthly	Grab
Sample Measurement	*****	*****	*****	*****	*****		Monthly	Grab
Permit Requirement	*****	*****	*****	*****	*****		Monthly	Grab
Sample Measurement	*****	*****	*****	*****	*****		Monthly	Grab
Permit Requirement	*****	*****	*****	*****	*****		Monthly	Grab
Sample Measurement	*****	*****	*****	*****	*****		Monthly	Grab
Permit Requirement	*****	*****	*****	*****	*****		Monthly	Grab
Sample Measurement	*****	*****	*****	*****	*****		Monthly	Grab
Permit Requirement	*****	*****	*****	*****	*****		Monthly	Grab
Name/Title Principal Executive Officer		Date: 6/26/2015		Telephone				
Rick M. Poulson - Mine Manager		Signature of Principal Executive Officer or Authorized Representative		Area Code		435		
Energy West Mining Company		Rick M. Poulson		Area Code		687-9821		
Typed or Printed		Signature of Principal Executive Officer or Authorized Representative		Area Code		Number		

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

# Discharge Monitoring Report (DMR)

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

DMR Zip Code: 84528

Sed Pond Offfl to Rock Canyn Crk  
 External Outfall  No Discharge

001-A  
 Discharge Number  
 UTG040009  
 Permit Number

5/1/2015  
 Monitoring Period  
 5/31/2015

Parameter	Quantity or Loading			Quantity or Concentration			Frequency of Analysis	Sample Type
	Average	Maximum	Units	Minimum	Average	Maximum		
Flow Rate 00056 1 0 Effluent Gross	***** Report 30 day avg	***** Report Daily max	gpm	*****	*****	*****	Monthly	Measured
pH 00400 1 0 Effluent Gross	*****	*****		6.5 Minimum	*****	9.0 Maximum	Monthly	Grab
Solids, Total Suspended 00530 P 0 See Comments	*****	*****		25 30 day avg	*****	70 daily max	Monthly	Grab
Solids, Settleable 00545 Q 0 See Comments	*****	*****		*****	*****	0.5 Daily max	Monthly	Grab
Iron, Total (as Fe) 01045 1 0 Effluent Gross	*****	*****		*****	*****	1.0 Daily max	Monthly	Grab
Oil and Grease 03582 1 0 Effluent Gross	*****	*****		*****	*****	*****	Monthly	Grab
Floating Solids or Visible Foam-visual 45613 1 0 Effluent Gross	*****	0 Daily max	Y=1,N=0	*****	*****	*****	Monthly	Visual

NO DISCHARGE

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: 6/26/2015

Signature of Principal Executive Officer or Authorized Representative:  Rick M. Poulson

Area Code: 435 Telephone: 687-9821

Comments and explanation of any violations:  
 Sample for Settleable 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.

Number

# Discharge Monitoring Report (DMR)

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

DMR Zip Code: 84528

Sed Pond Offll to Rock Canyn Crk  
 External Outfall

5/1/2015  
 Monitoring Period

001-A  
 Discharge Number  
 UTC040009  
 Permit Number

No Discharge

Parameter	Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum	Units	Minimum	Average	Maximum			
Sanitary waste discharged- assessment	*****	*****		*****	*****	****			
45614 10 Effluent Gross	*****	0 Daily max	Y=1,N=0	*****	*****	****		Monthly	Visual
Solids, Total Dissolved 70295 R 0 See Comments	*****	*****		6.5 Minimum	9.0 Maximum	mg/L		Monthly	Grab
Oil and Grease Visual 84066 1 0 Effluent Gross	*****	Req. Mon. daily max	Y=1,N=0	*****	*****	****		Monthly	Visual
	*****	*****		*****	*****	****		Monthly	Grab
	*****	*****		*****	*****	****		Monthly	Grab
	*****	*****		*****	*****	****		Monthly	Grab
	*****	*****		*****	*****	****		Monthly	Visual/Grab
Name/Title Principal Executive Officer			Date: 6/26/2015			Telephone			
Rick M. Poulson - Mine Manager Energy West Mining Company			Rick M. Poulson			435		687-9821	
Typed or Printed			Signature of Principal Executive Officer or Authorized Representative			Area Code		Number	

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.

Comments and explanation of any violations:  
 Sample for Settable 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

DMR Zip Code: 84528  
 Sed Pond Offll to Rock Canyn Crk  
 External Outfall

No Discharge

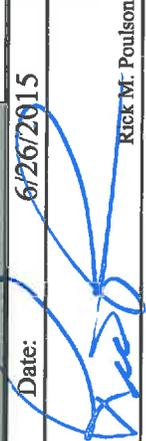
002-A  
 Discharge Number  
 UTG040009  
 Permit Number

5/1/2015  
 Monitoring Period  
 5/31/2015

Parameter	Quantity or Loading			Quantity or Concentration			Frequency of Analysis	Sample Type
	Average	Maximum	Units	Minimum	Average	Maximum		
Flow Rate	*****	*****		*****	*****			
00056 1 0 Effluent Gross	Report 30 day avg	Report Daily max	gpm	*****	*****		Monthly	Measured
pH	*****	*****		*****	*****			
00400 1 0 Effluent Gross	*****	*****		6.5 Minimum	*****	SU	Monthly	Grab
Solids, Total Suspended	*****	*****		*****	*****			
00530 P 0 See Comments	*****	*****		25 10 day avg	70 daily max	mg/L	Monthly	Grab
Solids, Settleable	*****	*****		*****	*****			
00545 Q 0 See Comments	*****	*****		*****	0.5 Daily max	ml/L	Monthly	Grab
Iron, Total (as Fe)	*****	*****		*****	*****			
01045 1 0 Effluent Gross	*****	*****		*****	1.0 Daily max	mg/L	Monthly	Grab
Oil and Grease	*****	*****		*****	*****			
03582 1 0 Effluent Gross	*****	*****		*****	Opt Mon. Daily Max	mg/L	Monthly	Grab
Floating Solids or Visible Foam-visual	*****	*****		*****	*****			
45613 1 0 Effluent Gross	*****	0 Daily max	Y=1;N=0	*****	*****		Montly	Visual

NO DISCHARGE

**Name/Title Principal Executive Officer**  
 Rick M. Poulson - Mine  
 Manager Energy West Mining  
 Company

**Signature of Principal Executive Officer or Authorized Representative**  


**Date:** 6/26/2015

**Area Code** 435      **Telephone** 687-9821

**Number**

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Comments and explanation of any violations:  
 Sample for Settleable 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  
 UTC040009  
 Permit Number

DMR Zip Code: 84528

Sed Pond Offfl to Rock Canyn Crk  
 External Outfall  
 No Discharge

5/1/2015  
 Monitoring Period  
 5/31/2015

Parameter	Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum	Units	Minimum	Average	Maximum			
Sanitary waste discharged- assessment	*****	*****		*****	*****	*****			
45614 10 Effluent Gross	*****	0 Daily max	Y=1;N=0	*****	*****	*****		Monthly	Visual
Solids, Total Dissolved 70295 R 0	*****	*****		*****	*****	*****		Monthly	Grab
See Comments	*****	*****		6.5 Minimum	9.6 Maximum	mg/L		1/31	Visual
Oil and Grease Visual 84066 1 0 Effluent Gross	*****	Req Mon daily max	Y=1;N=	*****	*****	*****		Monthly	Visual
	*****	*****		*****	*****	*****		Monthly	Grab
	*****	*****		*****	*****	*****		Monthly	Grab
	*****	*****		*****	*****	*****		Monthly	Grab
	*****	*****		*****	*****	*****		Monthly	Visual/Grab
Name/Title Principal Executive Officer							Date: 6/26/2015		Telephone
Rick M. Poulson - Mine Manager Energy West Mining Company							Signature of Principal Executive Officer or Authorized Representative		Area Code
Typed or Printed							Rick M. Poulson		Number
Comments and explanation of any violations:							435		687-9821
Sample for Settable 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.							Area Code		Number

No Discharge

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.

# 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

DMR Zip Code: 84528  
 Sum of All Outfalls  
 External Outfall

No Discharge

5/1/2015  
 Monitoring Period

5/31/2015

Parameter	Quantity or Loading			Quantity or Concentration			Frequency of Analysis	Sample Type
	Average	Maximum	Units	Minimum	Average	Maximum		
Solids, Total Dissolved 70295 Q 0 Effluent Gross	*****	*****	lbs/day	*****	*****	*****	Monthly	Visual
Sample Measurement	*****	*****		*****	*****	*****	Monthly	Grab
Permit Requirement	*****	*****		*****	*****	*****	Monthly	Grab
Sample Measurement	*****	*****		*****	*****	*****	Monthly	Grab
Permit Requirement	*****	*****		*****	*****	*****	Monthly	Grab
Sample Measurement	*****	*****		*****	*****	*****	Monthly	Grab
Permit Requirement	*****	*****		*****	*****	*****	Monthly	Grab
Sample Measurement	*****	*****		*****	*****	*****	Monthly	Grab
Permit Requirement	*****	*****		*****	*****	*****	Monthly	Grab
Sample Measurement	*****	*****		*****	*****	*****	Monthly	Grab
Permit Requirement	*****	*****		*****	*****	*****	Monthly	Grab
Name/Title Principal Executive Officer			Date: 6/26/2015			Telephone		
Rick M. Poulson - Mine Manager Energy West Mining Company			Signature of Principal Executive Officer or Authorized Representative			Area Code		
Typed or Printed			Rick M. Poulson			Number		
Comments and explanation of any violations:			435			687-9821		
If TDS is 500 mg/L or less at each outfall enter N.A for SUM-A			Area Code			Number		

NO DISCHARGE

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.

Energy West  
 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					
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 - 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