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DEC 2016

Permit

Permit ID: UT0022896

Major:

Permittee: PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

Permittee Address: 1407 West North Temple Street
Salt Lake City , UT84116

Facility: PACIFICORP INTERWEST MINING COMPANY- COTTONWOOD/WILBERG MINE

Facility Location: 15 NORTH MAIN STREET
HUNTINGTON , UT84528

Permitted Feature: 001 - External Outfall

Discharge: 001-A - Continuous groundwater discharge to Cottonwood Canyon Creek

Report Dates & Status

Monitoring Period: From 12/01/16 to 12/31/16

DMR Due Date: 01/28/17

Status: **NetDMR Validated**

Considerations for Form Completion

If an Oil & Grease sheen is observed, then an O & G sample shall be collected. Settleable solids may be substituted for TSS during storm events less than 10-yr. 24-hr. event, otherwise, enter N/A. See permit.

Principal Executive Officer

First Name: Dana

Last Name: Ralston

Title: VP Coal Generation and Mining

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Parameter Code	Parameter Name	NODI	Quantity or Loading Value 1	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Value 1	Quality or Concentration Value 2	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Freq. of Analysis	Smpl. Type
00056	Flow rate											
1 - Effluent Gross		Smpl.		=0.04	03 - MGD					0	01/30 - Monthly	MS - MEASRD
Season: 0		Req.		<=.054 30DA AVG	03 - MGD						01/30 - Monthly	MS - MEASRD
NODI: -		NODI										
00400	pH											
1 - Effluent Gross		Smpl.				=7.26		=7.26	12 - SU	0	01/30 - Monthly	GR - GRAB

Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
Season: 0		Req.				>=6.5 DAILY MN		<=9 DAILY MX	12 - SU		01/30 - Monthly	GR - GRAB
NODI: -		NODI										
00530	Solids, total suspended	Smpl.					<5	<5	19 - mg/L	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.					<=20 30DA AVG	<=30 7 DA AVG	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI										
01045	Iron, total [as Fe]	Smpl.						<0.05	19 - mg/L	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.						<=1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI										
03582	Oil and grease	Smpl.						=0	19 - mg/L	0	09/99 - See Permit	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.						<=10 DAILY MX	19 - mg/L		09/99 - See Permit	GR - GRAB
NODI: -		NODI										
45613	Floating solids, waste or visible foam-visual	Smpl.						=0	9X - Y=0;N=1	0	01/30 - Monthly	VI - VISUAL
1 - Effluent Gross												
Season: 0		Req.						<=0 DAILY MX	9X - Y=0;N=1		01/30 - Monthly	VI - VISUAL
NODI: -		NODI										
45614	Sanitary waste discharged-assessmnt	Smpl.						=0	9X - Y=0;N=1	0	01/30 - Monthly	VI - VISUAL
1 - Effluent Gross												
Season: 0		Req.						<=0 DAILY MX	9X - Y=0;N=1		01/30 - Monthly	VI - VISUAL
NODI: -		NODI										
70295	Solids, total dissolved	Smpl.						=698	19 - mg/L	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.						<=1136 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB

Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
84066	Oil and grease visual	Smpl.		=0	9P - N=0;Y=1					0	01/30 - Monthly	VI - VISUAL
O - See Comments												
Season: 0		Req.		<=0 INST MAX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
NODI: -		NODI										

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

User:	ken.fleck@pacificorp.com
Name:	Kenneth Fleck
E-Mail:	ken.fleck@pacificorp.com
Date/Time:	2017-01-18 07:45 (Time Zone:-07:00)

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DEC 2016

Permit

Permit ID: UT0022896

Major:

Permittee: PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

Permittee Address: 1407 West North Temple Street
Salt Lake City , UT84116

Facility: PACIFICORP INTERWEST MINING COMPANY-COTTONWOOD/WILBERG MINE

Facility Location: 15 NORTH MAIN STREET
HUNTINGTON , UT84528

Permitted Feature: 003 - External Outfall

Discharge: 003-A - DISCHRG SED POND GRIMES WASH

Report Dates & Status

Monitoring Period: From 12/01/16 to 12/31/16

DMR Due Date: 01/28/17

Status: **NetDMR Validated**

Considerations for Form Completion

If an Oil & Grease is observed, then an O & G sample shall be collected. Settleable Solids may be susbstituted for TSS during storm events less than 10-yr. 24-hr event, otherwise, enter N/A. See permit.

Principal Executive Officer

First Name: Dana

Last Name: Ralston

Title: VP Coal Generation and Mining

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Parameter Code	Parameter Name	NODI	Quantity or Loading Value 1	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Value 1	Quality or Concentration Value 2	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Freq. of Analysis	Smpl. Type
00056	Flow rate	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		<=.5 30DA AVG	03 - MGD						01/30 - Monthly	MS - MEASRD
NODI: -		NODI		C - No Discharge								
00400	pH	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				>=6.5 DAILY MN		<=9 DAILY MX	12 - SU		01/30 - Monthly	GR - GRAB

Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
NODI: -		NODI				C - No Discharge		C - No Discharge				
00530	Solids, total suspended	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				<=25 30DA AVG	<=35 7 DA AVG	<=70 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI				C - No Discharge	C - No Discharge	C - No Discharge				
00545	Solids, settleable	Smpl.										
O - See Comments												
Season: 0		Req.						<=.5 DAILY MX	25 - mL/L		09/99 - See Permit	GR - GRAB
NODI: -		NODI						C - No Discharge				
01045	Iron, total [as Fe]	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI						C - No Discharge				
03582	Oil and grease	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=10 DAILY MX	19 - mg/L		09/99 - See Permit	GR - GRAB
NODI: -		NODI						C - No Discharge				
45613	Floating solids, waste or visible foam-visual	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=0 DAILY MX	9X - Y=0;N=1		01/30 - Monthly	VI - VISUAL
NODI: -		NODI						C - No Discharge				
45614	Sanitary waste discharged-assessmnt	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=0 DAILY MX	9X - Y=0;N=1		01/30 - Monthly	VI - VISUAL
NODI: -		NODI						C - No Discharge				
70295	Solids, total											

Code	Name	Smpl.	Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
1 - Effluent Gross												
Season: 0		Req.						<=1200 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI						C - No Discharge				
84066	Oil and grease visual	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		<=0 INST MAX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
NODI: -		NODI		C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

User:	ken.fleck@pacificorp.com
Name:	Kenneth Fleck
E-Mail:	ken.fleck@pacificorp.com
Date/Time:	2017-01-16 07:16 (Time Zone:-07:00)

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DEC 2016

Permit

Permit ID: UT0022896

Major:

Permittee: PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

Permittee Address: 1407 West North Temple Street
Salt Lake City , UT84116

Facility: PACIFICORP INTERWEST MINING COMPANY-COTTONWOOD/WILBERG MINE

Facility Location: 15 NORTH MAIN STREET
HUNTINGTON , UT84528

Permitted Feature: SUM - External Outfall

Discharge: SUM-A - COMBINATION 001, 003, 004, 005

Report Dates & Status

Monitoring Period: From 12/01/16 to 12/31/16

DMR Due Date: 01/28/17

Status: **NetDMR Validated**

Considerations for Form Completion

TOTAL DISCHARGE OF TDS FROM OUTFALL002, 003, AND 005 SHALL NOT EXCEED2,000 LBS/DAY DURING DRAWDOWN.

Principal Executive Officer

First Name: Dana

Last Name: Ralston

Title: VP Coal Generation and Mining

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
70295	Solids, total dissolved	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		<=2000 DAILY MX	26 - lb/d						01/30 - Monthly	GR - GRAB
NODI: -		NODI		C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Comments

Attachments

No attachments.

Report Last Saved By

PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

User:	ken.fleck@pacificorp.com
Name:	Kenneth Fleck
E-Mail:	ken.fleck@pacificorp.com
Date/Time:	2017-01-16 07:18 (Time Zone:-07:00)

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DEC 2016

Permit

Permit ID: UT0023604

Major:

Permittee: PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE

Permittee Address: 1407 West North Temple Street
Salt Lake City , UT84116

Facility: PACIFICORP INTERWEST MINING COMPANY -DEER CREEK MINE

Facility Location: 15 NORTH MAIN
HUNTINGTON , UT84528

Permitted Feature: 001 - External Outfall

Discharge: 001-A - SEDIMENT POND OUTFALL

Report Dates & Status

Monitoring Period: From 12/01/16 to 12/31/16

DMR Due Date: 01/28/17

Status: **NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name: Dana

Last Name: Ralston

Title: VP Coal Generation and Mining

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Parameter Code	Parameter Name	NODI	Quantity or Loading Value 1	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Value 1	Quality or Concentration Value 2	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Freq. of Analysis	Smpl. Type
00056	Flow rate	Smpl.										
1 - Effluent Gross												
Season: 0		Req.	<=.19 30DA AVG		03 - MGD						01/30 - Monthly	MS - MEASRD
NODI: -		NODI	C - No Discharge									
00400	pH	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				>=6.5 DAILY MN		<=9 DAILY MX	12 - SU		01/30 - Monthly	GR - GRAB
NODI: -		NODI				C - No Discharge		C - No Discharge				

Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
00530	Solids, total suspended	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				<=25 30DA AVG	<=35 7 DA AVG	<=70 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI				C - No Discharge	C - No Discharge	C - No Discharge				
00545	Solids, settleable	Smpl.										
R - See Comments												
Season: 0		Req.						<=.5 DAILY MX	25 - mL/L		09/99 - See Permit	GR - GRAB
NODI: -		NODI						C - No Discharge				
00556	Oil & Grease	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=10 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI						C - No Discharge				
01045	Iron, total [as Fe]	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI						C - No Discharge				
45613	Floating solids, waste or visible foam-visual	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		<=0 INST MAX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
NODI: -		NODI		C - No Discharge								
45614	Sanitary waste discharged-assessmnt	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=0 DAILY MX	9P - N=0;Y=1		01/30 - Monthly	VI - VISUAL
NODI: -		NODI						C - No Discharge				
70295	Solids, total dissolved	Smpl.										
1 - Effluent Gross												

Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
Season: 0		Req.						Req Mon DAILY MX	19 - mg/L		09/99 - See Permit	GR - GRAB
NODI: -		NODI						C - No Discharge				
84066	Oil and grease visual	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		<=0 INST MAX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
NODI: -		NODI		C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE

User:	ken.fleck@pacificorp.com
Name:	Kenneth Fleck
E-Mail:	ken.fleck@pacificorp.com
Date/Time:	2017-01-16 07:23 (Time Zone:-07:00)

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DEC 2016

Permit

Permit ID: UT0023604

Major:

Permittee: PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE

Permittee Address: 1407 West North Temple Street
Salt Lake City , UT84116

Facility: PACIFICORP INTERWEST MINING COMPANY -DEER CREEK MINE

Facility Location: 15 NORTH MAIN
HUNTINGTON , UT84528

Permitted Feature: 002 - External Outfall

Discharge: 002-A - DEER CREEK MINE

Report Dates & Status

Monitoring Period: From 12/01/16 to 12/31/16

DMR Due Date: 01/28/17

Status: **NetDMR Validated**

Considerations for Form Completion

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.

Principal Executive Officer

First Name: Dana

Last Name: Ralston

Title: VP Coal Generation and Mining

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Parameter Code	Parameter Name	NODI	Quantity or Loading Value 1	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Value 1	Quality or Concentration Value 2	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Freq. of Analysis	Smpl. Type
00056	Flow rate	Smpl.										
1 - Effluent Gross												
Season: 0		Req.	<=5 30DA AVG		03 - MGD						99/99 - Continuous	RT - RCOTOT
NODI: -		NODI	C - No Discharge									
00400	pH	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				>=6.5 DAILY MN		<=9 DAILY MX	12 - SU		01/30 - Monthly	GR - GRAB
NODI: -		NODI				C - No Discharge		C - No Discharge				

Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
00530	Solids, total suspended	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				<=15 30DA AVG	<=25 7 DA AVG		19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI				C - No Discharge	C - No Discharge					
00556	Oil & Grease	Smpl.										
O - See Comments												
Season: 0		Req.						<=10 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI						C - No Discharge				
01045	Iron, total [as Fe]	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI						C - No Discharge				
45613	Floating solids, waste or visible foam-visual	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		<=0 DAILY MX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
NODI: -		NODI		C - No Discharge								
45614	Sanitary waste discharged-assessmnt	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=0 DAILY MX	9P - N=0;Y=1		01/30 - Monthly	VI - VISUAL
NODI: -		NODI						C - No Discharge				
70295	Solids, total dissolved	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						Req Mon DAILY MX	19 - mg/L		09/99 - See Permit	GR - GRAB
NODI: -		NODI						C - No Discharge				
84066	Oil and grease visual	Smpl.										

Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
Season: 0		Req.		<=0 INST MAX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
NODI: -		NODI		C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE

User:	ken.fleck@pacificorp.com
Name:	Kenneth Fleck
E-Mail:	ken.fleck@pacificorp.com
Date/Time:	2017-01-16 07:25 (Time Zone:-07:00)

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DEC 2016

Permit

Permit ID: UT0023604

Permittee: PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE

Facility: PACIFICORP INTERWEST MINING COMPANY -DEER CREEK MINE

Permitted Feature: SUM - External Outfall

Major:

Permittee Address: 1407 West North Temple Street
Salt Lake City , UT84116

Facility Location: 15 NORTH MAIN
HUNTINGTON , UT84528

Discharge: SUM-A - Sum of both discharges

Report Dates & Status

Monitoring Period: From 12/01/16 to 12/31/16

Status: **NetDMR Validated**

DMR Due Date: 01/28/17

Considerations for Form Completion

Deer Creek is participating in a "Salinity Offset Program"

Principal Executive Officer

First Name: Dana

Title: VP Coal Generation and Mining

Last Name: Ralston

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Parameter Code	Parameter Name	NODI	Quantity or Loading Value 1	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Value 1	Quality or Concentration Value 2	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Freq. of Analysis	Smpl. Type
70295	Solids, total dissolved	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		<=2000 DAILY MX	26 - lb/d						01/30 - Monthly	CA - CALCTD
NODI: -		NODI		C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Comments

Attachments

No attachments.

Report Last Saved By

PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE

User:	ken.fleck@pacificorp.com
Name:	Kenneth Fleck
E-Mail:	ken.fleck@pacificorp.com
Date/Time:	2017-01-16 07:28 (Time Zone:-07:00)

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