



OGMCOAL DNR <ogmcoal@utah.gov>

July 2017 UPDES DMR - Interwest Mining Company

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DMR information has been submitted electronically to EPA Net DMR (8/25/17).

Ken

Kenneth S. Fleck

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2 attachments

 **Interwest Deer Creek Mine Salt Credit Calculation Worksheet - January 2015 - July 2017.pdf**
443K **Scanned DMR Forms July 2017.pdf**
651K

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	
January-15	5.275	163.5	163.5	962.0	100.0%	
February-15	0.023	0.6	164.2	798.5	83.0%	
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	-0.788	0.0	197.9	764.1	79.4%	
June-15	-0.577	0.0	197.9	764.1	79.4%	
July-15	-0.442	0.0	197.9	764.1	79.4%	
August-15	-0.804	0.0	197.9	764.1	79.4%	
September-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
October-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
November-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
December-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
January-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
February-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
March-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
April-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
May-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
June-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
July-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
August-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
September-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
October-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
November-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
December-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
January-17	-1.000	0.0	197.9	764.1	79.4%	No Discharge
February-17	-1.000	0.0	197.9	764.1	79.4%	No Discharge
March-17	-1.000	0.0	197.9	764.1	79.4%	No Discharge
April-17	-1.000	0.0	197.9	764.1	79.4%	No Discharge
May-17	-0.275	0.0	197.9	764.1	79.4%	
June-17	-0.387	0.0	197.9	764.1	79.4%	
July-17	-0.850	0.0	197.9	764.1	79.4%	

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: September
 YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for September

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			September		0		

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 = 0 mg/l
SAMPLE AVERAGE FLOW =	0 GPM	
DURATION OF DISCHARGE =	30 Days	
AVERAGE FLOW	0.0 GPM	0 GPD
MAXIMUM FLOW	0 GPM	0 GPD

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

MONTH: October
 YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for October

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			October		0		

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 = 0 mg/l
SAMPLE AVERAGE FLOW =	0 GPM	
DURATION OF DISCHARGE =	31 Days	
AVERAGE FLOW	0.0 GPM	0 GPD
MAXIMUM FLOW	0 GPM	0 GPD

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

MONTH: November
 YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for November

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			November		0		

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 = 0 mg/l
SAMPLE AVERAGE FLOW =	0 GPM	
DURATION OF DISCHARGE =	30 Days	
AVERAGE FLOW	0.0 GPM	0 GPD
MAXIMUM FLOW	0 GPM	0 GPD

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

MONTH: December
 YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for December

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			December		0		

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 = 0 mg/l
SAMPLE AVERAGE FLOW =	0 GPM	
DURATION OF DISCHARGE =	31 Days	
AVERAGE FLOW	0.0 GPM	0 GPD
MAXIMUM FLOW	0 GPM	0 GPD

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

MONTH: January
 YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for January

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			January		0		

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 = 0 mg/l

SAMPLE AVERAGE FLOW = 0 GPM

DURATION OF DISCHARGE = 31 Days

AVERAGE FLOW 0.0 GPM 0 GPD

MAXIMUM FLOW 0 GPM 0 GPD

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

MONTH: April
 YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for April

	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	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			April		0		

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 = 0 mg/l

SAMPLE AVERAGE FLOW = 0 GPM

DURATION OF DISCHARGE = 30 Days

AVERAGE FLOW 0.0 GPM 0 GPD

MAXIMUM FLOW 0 GPM 0 GPD

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

MONTH: May
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for May

	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	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			May		0		

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 = 0 mg/l

SAMPLE AVERAGE FLOW = 0 GPM

DURATION OF DISCHARGE = 31 Days

AVERAGE FLOW 0.0 GPM 0 GPD

MAXIMUM FLOW 0 GPM 0 GPD

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

MONTH: June
 YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for June

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			June		0		

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 = 0 mg/l
SAMPLE AVERAGE FLOW =	0 GPM	
DURATION OF DISCHARGE =	30 Days	
AVERAGE FLOW	0.0 GPM	0 GPD
MAXIMUM FLOW	0 GPM	0 GPD

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

MONTH: August
 YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for August

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			August		0		

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 = 0 mg/l
SAMPLE AVERAGE FLOW =	0 GPM	
DURATION OF DISCHARGE =	31 Days	
AVERAGE FLOW	0.0 GPM	0 GPD
MAXIMUM FLOW	0 GPM	0 GPD

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

MONTH: September
 YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for September

	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	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			September		0		

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 = 0 mg/l

SAMPLE AVERAGE FLOW = 0 GPM

DURATION OF DISCHARGE = 30 Days

AVERAGE FLOW 0.0 GPM 0 GPD

MAXIMUM FLOW 0 GPM 0 GPD

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

MONTH: October
 YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for October

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			October		0		

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 = 0 mg/l

SAMPLE AVERAGE FLOW = 0 GPM

DURATION OF DISCHARGE = 31 Days

AVERAGE FLOW 0.0 GPM 0 GPD

MAXIMUM FLOW 0 GPM 0 GPD

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

MONTH: November
 YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for November

	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
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MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			November		0		

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 = 0 mg/l
SAMPLE AVERAGE FLOW =	0 GPM	
DURATION OF DISCHARGE =	30 Days	
AVERAGE FLOW	0.0 GPM	0 GPD
MAXIMUM FLOW	0 GPM	0 GPD

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

MONTH: March
 YEAR: 2017

POUNDS OF SALT DISCHARGE

No Discharge for March

	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	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			March		0		

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 = 0 mg/l

SAMPLE AVERAGE FLOW = 0 GPM

DURATION OF DISCHARGE = 31 Days

AVERAGE FLOW 0.0 GPM 0 GPD

MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE

MONTH: May
 YEAR: 2017

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	3206	0.027	5.8	0.11	224.61	31	3.48
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			May		260,251		

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 = 3206 mg/l
 SAMPLE AVERAGE FLOW = 5.83 GPM
 DURATION OF DISCHARGE = 31 Days
 AVERAGE FLOW 0.0 GPM 0 GPD
 MAXIMUM FLOW 0 GPM 0 GPD

DC Combined Discharge (SUM-A)

MONTH: May
YEAR: 2016

POUNDS OF SALT DISCHARGE

Natural Runoff + DC001
No Discharge from DC002

	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	402	0.003	300.0	0.72	1,449.23	31	22.46
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS FLOW FOR			May		13,392,000	(Snowmelt Runoff)	

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 = 0 mg/l
 SAMPLE AVERAGE FLOW = 0 GPM
 DURATION OF DISCHARGE = 31 Days
 AVERAGE FLOW 0.0 GPM 0 GPD
 MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE

MONTH: June
 YEAR: 2017

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	2985	0.025	5.9	0.11	211.63	30	3.17
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			June		254,880		

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 = 2985 mg/l
 SAMPLE AVERAGE FLOW = 5.92 GPM
 DURATION OF DISCHARGE = 30 Days
 AVERAGE FLOW 0.0 GPM 0 GPD
 MAXIMUM FLOW 0 GPM 0 GPD

DC Combined Discharge (SUM-A)

MONTH: June
YEAR: 2017

POUNDS OF SALT DISCHARGE

Natural Runoff + DC001
No Discharge from DC002

	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	329	0.003	310.3	0.61	1,226.66	30	18.40
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS FLOW FOR			June		13,403,664	(Snowmelt Runoff)	

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 = 329 mg/l
 SAMPLE AVERAGE FLOW = 310.27 GPM
 DURATION OF DISCHARGE = 30 Days
 AVERAGE FLOW 0.0 GPM 0 GPD
 MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE

MONTH: July
 YEAR: 2017

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	2523	0.021	4.5	0.07	137.04	31	2.12
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			July		201,773		

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 = 2523 mg/l
 SAMPLE AVERAGE FLOW = 5.83 GPM
 DURATION OF DISCHARGE = 31 Days
 AVERAGE FLOW 0.0 GPM 0 GPD
 MAXIMUM FLOW 0 GPM 0 GPD

DC Combined Discharge (SUM-A)

MONTH: July
YEAR: 2017

POUNDS OF SALT DISCHARGE

Natural Runoff + DC001
No Discharge from DC002

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	492	0.004	50.9	0.15	300.64	30	4.51
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS FLOW FOR	July			2,196,720	(Snowmelt Runoff)		

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 = 492 mg/l
 SAMPLE AVERAGE FLOW = 310.27 GPM
 DURATION OF DISCHARGE = 30 Days
 AVERAGE FLOW 0.0 GPM 0 GPD
 MAXIMUM FLOW 0 GPM 0 GPD

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.					=769	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			9P - N=0;Y=1					0	01/30 - Monthly	VI - VISUAL
	O - See Comments		=0								
	Season: 0			9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
	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@pacificcorp.com
 Name: Kenneth Fleck
 E-Mail: ken.fleck@pacificcorp.com
 Date/Time: 2017-08-25 14:13 (Time Zone: -06:00)



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JULY 2017
DMR

DMR Copy of Submission

Permit

Permit ID: UT0022896

Permittee: PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

Facility: PACIFICORP INTERWEST MINING COMPANY-COTTONWOOD/WILBERG MINE

Permitted Feature: 003 - External Outfall

Major:

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

Facility Location: 15 NORTH MAIN STREET
HUNTINGTON , UT84528

Discharge: 003-A - DISCHRG SED POND GRIMES WASH

DMR Due Date: 08/28/17

Report Dates & Status

Monitoring Period: From 07/01/17 to 07/31/17

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 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

Title: VP Coal Generation and Mining

Last Name: Ralston

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			
00056	Flow rate										
1	Effluent Gross	Smpl.	=0.315		03 - MGD				0	01/30 - Monthly	MS - MEASRD
Season: 0		Req.	<=.5 30DA AVG		03 - MGD					01/30 - Monthly	MS - MEASRD
	NODI: -	NODI									
00400	pH										
1	Effluent Gross	Smpl.		=8.54		=8.54		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.			<0.1	<0.1	<0.1	19 - mg/L	0	01/30 - Monthly	GR - GRAB
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									
00545	Solids, settleable	Smpl.					<0.1	25 - mL/L	0	09/99 - See Permit	GR - GRAB
0 - See Comments											
Season: 0		Req.					<=.5 DAILY MX	25 - mL/L		09/99 - See Permit	GR - GRAB
NODI: -		NODI									
X 01045	Iron, total [as Fe]	Smpl.					=2.39	19 - mg/L	1	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

Code	Name	Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
NODI: -											
70295	Solids, total dissolved						=512	19 - mg/L	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross											
Season: 0							<=1200 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -											
84066	Oil and grease visual		=0	9P - N=0;Y=1					0	01/30 - Monthly	VI - VISUAL
1 - Effluent Gross											
Season: 0			<=0 INST MAX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
01045	Iron, total [as Fe]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	<input checked="" type="checkbox"/>

Comments

Temporary storm event runoff July 25, 2017, < 10yr 24 Hr. - Settleable Solids substituted for Total Suspended Solids (Total settleable solids < 0.1 ml/l). Iron value related to total suspended solids, dissolved iron = 0.05 mg/l.

Attachments

No attachments.

Report Last Saved By

PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

User: ken.fleck@pacificcorp.com
 Name: Kenneth Fleck
 E-Mail: ken.fleck@pacificcorp.com
 Date/Time: 2017-08-25 14:29 (Time Zone:-06:00)



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JULY 2017
DMR

DMR Copy of Submission

Permit

Permit ID: UT0022896

Permittee: PACIFICORP INTERWEST MINING COMPANY - COTTONWOOD/WILBERG MINE

Facility: PACIFICORP INTERWEST MINING COMPANY-COTTONWOOD/WILBERG MINE

Permitted Feature: SUM - External Outfall

Major:

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

Facility Location: 15 NORTH MAIN STREET
HUNTINGTON , UT84528

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

DMR Due Date: 08/28/17

Report Dates & Status

Monitoring Period: From 07/01/17 to 07/31/17

Status: NetDMR Validated

Considerations for Form Completion

TOTAL DISCHARGE OF TDS FROM OUTFALL002, 003, AND 005 SHALL NOT EXCEED 2,000 LBS/DAY DURING DRAWDOWN.

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: -

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3				
70295	Solids, total dissolved											
	1 - Effluent Gross	Smpl.										
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

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: 2017-08-25 14:32 (Time Zone:-06:00)



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JULY 2017
DMR

DMR Copy of Submission

Permit

Permit ID: UT0023604
Permittee: PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE
Facility: PACIFICORP INTERWEST MINING COMPANY -DEER CREEK MINE
Permitted Feature: 001 - External Outfall

Major:

Permittee Address: 1407 West North Temple Street
Salt Lake City , UT84116
Facility Location: 15 NORTH MAIN
HUNTINGTON , UT84528
Discharge: 001-A - SEDIMENT POND OUTFALL

Report Dates & Status

Monitoring Period: From 07/01/17 to 07/31/17
Status: NetDMR Validated

DMR Due Date: 08/28/17

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
Title: VP Coal Generation and Mining

Last Name: Ralston
Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			
00056	Flow rate	Smpl.	=0.0065		03 - MGD				0	01/30 - Monthly	MS - MEASRD
	1 - Effluent Gross										
	Season: 0	Req.	<=.19 30DA AVG		03 - MGD					01/30 - Monthly	MS - MEASRD
	NODI: -	NODI									
00400	pH	Smpl.		=8.1		=8.1		12 - SU	0	01/30 - Monthly	GR - GRAB
	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: -											
00530	Solids, total suspended				=7	=7	=7	19 - mg/L	0	01/30 - Monthly	GR - GRAB
	1 - Effluent Gross										
Season: 0					<=25 30DA AVG	<=35 7 DA AVG	<=70 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -											
00545	Solids, settleable						=0	25 - mL/L	0	09/99 - See Permit	GR - GRAB
	R - See Comments										
Season: 0							<=.5 DAILY MX	25 - mL/L		09/99 - See Permit	GR - GRAB
NODI: -											
00556	Oil & Grease						=0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
	1 - Effluent Gross										
Season: 0							<=10 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -											
01045	Iron, total [as Fe]						=0.09	19 - mg/L	0	01/30 - Monthly	GR - GRAB
	1 - Effluent Gross										
Season: 0							<=1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -											
45613	Floating solids, waste or visible foam-visual	=0		9P - N=0;Y=1					0	01/30 - Monthly	VI - VISUAL
	1 - Effluent Gross										
Season: 0			<=0 INST MAX	9P - N=0;Y=1						01/30 - Monthly	VI - VISUAL
NODI: -											
45614	Sanitary waste discharged-assessmnt						=0	9P - N=0;Y=1	0	01/30 - Monthly	VI - VISUAL
	1 - Effluent Gross										
Season: 0							<=0 DAILY MX	9P - N=0;Y=1		01/30 - Monthly	VI - VISUAL
NODI: -											
70295	Solids, total dissolved						=2523	19 - mg/L	0	09/99 - See	GR - GRAB

Code	Name	Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
1 - Effluent Gross											
Season: 0	Req.						Req Mon DAILY MX	19 - mg/L		09/99 - See Permit	GR - GRAB
NODI: -	NODI										
84066 Oil and grease visual	Smpl.	=0		9P - N=0;Y=1					0	01/30 - Monthly	VI - VISUAL
1 - Effluent Gross											
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 - DEER CREEK MINE

User: ken.fleck@pacificorp.com
Name: Kenneth Fleck
E-Mail: ken.fleck@pacificorp.com
Date/Time: 2017-08-25 14:37 (Time Zone:-06:00)



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JULY 2017
DMR

DMR Copy of Submission

Permit

Permit ID: UT0023604

Permittee: PACIFICORP INTERWEST MINING COMPANY - DEER CREEK MINE

Facility: PACIFICORP INTERWEST MINING COMPANY -DEER CREEK MINE

Permitted Feature: 002 - External Outfall

Major:

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

Facility Location: 15 NORTH MAIN
HUNTINGTON , UT84528

Discharge: 002-A - DEER CREEK MINE

Report Dates & Status

Monitoring Period: From 07/01/17 to 07/31/17

Status: NetDMR Validated

DMR Due Date: 08/28/17

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

Title: VP Coal Generation and Mining

Last Name: Ralston

Telephone: 801-220-4017

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			
00056	Flow rate										
	1 - Effluent Gross	Smpl.									
Season: 0		Req.	<=5 30DA AVG		03 - MGD				99/99 - Continuous	RT - RCOTOT	
NODI: -		NODI	C - No Discharge								
00400	pH										
	1 - Effluent Gross	Smpl.									
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
O	- See Comments										
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: 2017-08-25 14:38 (Time Zone: -06:00)



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JULY 2017
DMR

DMR Copy of Submission

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 07/01/17 to 07/31/17

Status: NetDMR Validated

DMR Due Date: 08/28/17

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: -

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			
70295	Solids, total dissolved	Smpl.	=300		26 - lb/d				0	01/30 - Monthly	CA - CALCTD
1	Effluent Gross										
Season: 0		Req.	<=2000 DAILY MX		26 - lb/d					01/30 - Monthly	CA - CALCTD
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

No errors.

Comments

SUM-A = Natural snowmelt runoff 46.33gpm + DC001 discharge = 4.52gpm, 300 lb/day total, no discharge from DC002.

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: 2017-08-25 14:43 (Time Zone: -06:00)