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Internal OK  
C/015/0018  
CC: 015 0009 ✓  
015 0019  
015 0017



January 2, 2003

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

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of November, 2002. There are no exceedances to report for the November sampling period.

The November reporting period for submitting DMR's has been exceeded. We just received the analysis reports today and apologize for any inconvenience this might have caused. Dennis Oakley contacted Mr. Mike Herkimer from your office to discuss this issue.

If you have any questions concerning this report, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Sincerely,

Carl Pollastro  
Technical Services Manager

Encl

Cc: Division of Oil, Gas and Mining  
Coal Regulatory Program  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801  
Chuck Semborski, with enclosures  
Dennis Oakley, "  
Ken Fleck "

J:\Environmental\UPDES\COVER\2002\Nov02.doc  
Huntington Office  
(801) 687-9821  
Fax (801) 687-2695  
Purchasing Fax (801) 687-9092

Deer Creek Mine  
(801) 381-2317  
Fax (801) 381-2285

Cottonwood Mine  
(801) 748-2319  
Fax (801) 748-2380

# Discharge Monitoring Report

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

Sediment pond outfall into Cottonwood Ck.

UT0023728  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

001A  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate 00056 1 0 0 Effluent Gross Value	Sample Measurement				*****	*****	*****	****		1/30	Mearsd
	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pH 00400 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****		*****				1/30	Grab
	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****					1/30	Grab
	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids 00545 R 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				1/30	Grab
	Permit Requirement	*****	*****	****	*****	*****	*****	(25) mL/L		once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				1/30	Grab
	Permit Requirement	*****	*****	****	*****	*****	1.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease 03582 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				0	-
	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value	Sample Measurement	*****			*****	*****				1/30	Grab
	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

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

# Discharge Monitoring Report

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

Outfall into Cottonwood Ck.

UT0023728  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

002A  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate 00056 1 0 0 Effluent Gross Value	Sample Measurement				*****	*****	*****	****		2/30	Measurd
	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		twice/month	Estimated
pH 00400 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****		*****				2/30	Grab
	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****					2/30	Grab
	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids 00545 R 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				**	**
	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				2/30	Grab
	Permit Requirement	*****	*****	****	*****	*****	0.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease 03582 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				**	**
	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				2/30	Grab
	Permit Requirement	*****	*****	****	*****	*****	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

Comments and explanation of any violations:  
 Sample for oil and grease is only required when sheen is observed

# Discharge Monitoring Report

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

Deer Creek Mine Discharge

UT0023604  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

002  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum	Units	Minimum	Average	Maximum				Units
Flow Rate 00056 1 0 0 Effluent Gross Value	Sample Measurement	0.55	0.78		*****	*****	*****	****	0	1/30	Measured
	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pH 00400 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	7.02	*****	7.02		0	1/30	Grab
	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	<5	<5	<5		0	1/30	Grab
	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids 00545 R 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	N/A		***	*****	*****
	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	0.6	0.6		0	1/30	Grab
	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method 00556 0 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C 70300 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	N/A	416		0	1/30	Grab
	Permit Requirement	*****	*****	****	*****	800 Qtrr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone
Dee Jense - President InterWest Mining Company			435	687-9821
Typed or Printed		Signature of Principal Executive Officer or Authorized Agent	Area Code	Number

Comments and explanation of any violations:  
 Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

# Discharge Monitoring Report

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

Deer Creek Mine Sediment Pond Discharge

UT0023604  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

001  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum			
Flow Rate 00056 1 0 0 Effluent Gross Value	Sample Measurement				*****	*****	*****	****	1/30	Measured
	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****	once/month	Estimated
pH 00400 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****		*****			1/30	Grab
	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU	once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****					1/30	Grab
	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L	once/month	Grab
Settleable Solids 00545 R 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	**			**	**
	Permit Requirement	*****	*****	****	*****	*****	2.5 Daily max	(25) mL/L	once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****			1/30	Grab
	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L	once/month	Grab
Oil and Grease Freon Extr-Grav Method 00556 0 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****			**	**
	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L	See Permit	Grab
Solids, Total Dissolved 180 °C 70300 1 0 0 Effluent Gross Value	Sample Measurement	*****			*****				1/30	Grab
	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	Report 30 day avg	5000 Daily max	(19) mg/L	once/month	Grab
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Sample Measurement	*****		(94)	*****	*****	*****	****	4/30	Visual
	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****	Weekly	Visual

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone
Dee Jense - President InterWest Mining Company			435	687-9821
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number

Comments and explanation of any violations:  
 Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

# Discharge Monitoring Report

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

Minor

Mine discharge into Cottonwood Canyon Creek

UT0022896  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

001A  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate 00056 1 0 0 Effluent Gross Value	Sample Measurement	0.03	0.03		*****	*****	*****	****	0	1/30	Measured
	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
pH 00400 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	7.8	*****	7.8		0	1/30	Grab
	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	<5	<5	<5		0	1/30	Grab
	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	<0.1		0	1/30	Grab
	Permit Requirement	*****	*****	****	*****	*****	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value	Sample Measurement	*****	208		*****	*****	*****	****	0	1/30	Grab
	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease 03582 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual 84066 0 0 0 Effluent Gross Value	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

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

# Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company

Minor

Sediment pond outfall into Grimes Wash

Address: P.O. Box 310

Huntington, Utah 84528

Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number
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11/01/2002	11/30/2002
Monitoring Period	

003A Discharge Number
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No Discharge



Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement				*****	*****	*****	****		1/30	Measured
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
pH	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab
00530 1 0 0	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day max	70	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	*****	****		1/30	Grab
00545 R 0 0	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****					1/30	Grab
01045 10 0	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
70295 1 0 0	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
84066 1 0 0	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone		
Dee Jense - President InterWest Mining Company			435	687-9821		
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number		

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

# Discharge Monitoring Report

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

Minor

Sediment pond outfall into Cottonwood Ck.

UT0022896  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

004A  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate 00056 1 0 0 Effluent Gross Value	Sample Measurement				*****	*****	*****	****			
	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
pH 00400 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****		*****					
	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	*****	*****	****							
	Permit Requirement	*****	*****	****	25 30 day avg	35 30 day avg	35 Daily	(19) mg/L		once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value	Sample Measurement	*****	*****	****							
	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .)	Date:	01/02/2003	Telephone		
Dee Jense - President InterWest Mining Company			435	687-9821		
<b>Typed or Printed</b>		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number		

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

# Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company

Minor

Sediment pond outfall from waste rock site

Address: P.O. Box 310

Huntington, Utah 84528

Facility: Cottonwood/Wilberg Mine

UT0022896  
Permit Number

11/01/2002    11/30/2002  
Monitoring Period

005A  
Discharge Number

No Discharge



Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum			
Flow Rate	Sample Measurement				*****	*****	*****	****		
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month Measured
pH	Sample Measurement	*****	*****	****		*****				
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****					
00530 1 0 0	Permit Requirement	*****	*****	****	*****			(19) mg/L		once/month Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****		NR			
00545 R 0 0	Permit Requirement	*****	*****	****	*****		0.5 Daily max	(25) mL/L		once/month Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****					
01045 10 0	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	*****	****		1/30 Grab
70295 1 0 0	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		
84066 1 0 0	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly Visual

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

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

# Discharge Monitoring Report

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

UT0022896  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

Minor  
 F - Final, Combination 002, 003, & 005  
 SUM A  
 Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value	Sample Measurement				*****	*****	*****				
	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

No Discharge  
From 003, & 005

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

Comments and explanation of any violations:  
 Total discharge of TDS from outfalls 002, 003, and 005 shall not exceed 2,000 lbs/day during draw down.

# Discharge Monitoring Report

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

UTG040022  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

001A  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum			
Flow Rate	Sample Measurement				*****	*****	*****	****		
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month Estimated
pH	Sample Measurement	*****	*****	****		*****				
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		
Effluent Gross Value	Sample Measurement	*****	*****	****	*****			*****	*****	*****
Solids, Total Suspended	Permit Requirement	*****	*****	****	*****	25 30 day		(19) mg/L		once/month Grab
00530 1 0 0	Sample Measurement	*****	*****	****	*****	*****	*****	*****	*****	*****
Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****				
00545 R 0 0	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month Grab
Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****				
Iron, Total (as Fe)	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month Grab
01045 10 0	Sample Measurement	*****	*****	****	*****	*****				
Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****				
70295 1 0 0	Permit Requirement	*****	*****	****	*****	*****	*****	****		
Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	*****	****		
Oil and Grease, Visual	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly Visual
84066 1 0 0	Sample Measurement	*****	*****	****	*****	*****	*****	****		
Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	*****	****		

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

Comments and explanation of any violations:  
 Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.

# Discharge Monitoring Report

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

UTG040009  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

001A  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum			
Flow Rate	Sample Measurement				*****	*****	*****	****		
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month Estimated
pH	Sample Measurement	*****	*****	****		*****				
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		
Effluent Gross Value	Sample Measurement	*****	*****	****	*****				*****	*****
Solids, Total Suspended	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month Grab
00530 1 0 0	Sample Measurement	*****	*****	****	*****	*****	*****	*****		
Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	*****	*****		*****
00545 R 0 0	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month Grab
Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	*****	*****		*****
Iron, Total (as Fe)	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month Grab
01045 10 0	Sample Measurement	*****	*****	****	*****	*****	*****	*****		*****
Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****	*****	*****		*****
70295 1 0 0	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	*****		Weekly Visual
Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	*****	*****		*****
Oil and Grease, Visual	Permit Requirement	*****	*****	****	*****	*****	*****	*****		*****
84066 1 0 0	Sample Measurement	*****	*****	****	*****	*****	*****	*****		*****
Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	*****	*****		*****

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

Comments and explanation of any violations:  
 Oil and grease not to exceed 10 mg/L if seen is observed. Settleable solids shall be measured during storm water discharge.

# Discharge Monitoring Report

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

UTG040009  
Permit Number

11/01/2002	11/30/2002
Monitoring Period	

002A  
Discharge Number

No Discharge

Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum			
Flow Rate	Sample Measurement				*****	*****	*****	***		
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	***		once/month Estimated
pH	Sample Measurement	*****	*****	***						
00400 1 0 0	Permit Requirement	*****	*****	***	6.5 Inst min	*****	9.0 Inst max	(12) SU		
Effluent Gross Value	Sample Measurement	*****	*****	***	*****			*****	*****	*****
Solids, Total Suspended	Permit Requirement	*****	*****	***	*****	25 30 day av	70 30 day av	(19) mg/L		once/month Grab
00530 1 0 0	Sample Measurement	*****	*****	***	*****	*****	*****	*****	*****	*****
Effluent Gross Value	Permit Requirement	*****	*****	***	*****	*****	0.5 Daily max	(25) mL/L		once/month Grab
Settleable Solids	Sample Measurement	*****	*****	***	*****	*****	*****	*****	*****	*****
00545 R 0 0	Permit Requirement	*****	*****	***	*****	*****	1.0 Daily max	(19) mg/L		once/month Grab
Effluent Gross Value	Sample Measurement	*****	*****	***	*****	*****	*****	*****	*****	*****
Iron, Total (as Fe)	Permit Requirement	*****	*****	***	*****	*****	1.0 Daily max	(19) mg/L		once/month Grab
01045 10 0	Sample Measurement	*****	*****	***	*****	*****	*****	*****	*****	*****
Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	***	*****	*****	*****	*****	*****	*****
70295 1 0 0	Permit Requirement	*****	*****	***	*****	*****	*****	*****	*****	*****
Effluent Gross Value	Sample Measurement	*****	*****	***	*****	*****	*****	*****	*****	*****
Oil and Grease, Visual	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	*****		Weekly Visual
84066 1 0 0	Sample Measurement	*****	*****	***	*****	*****	*****	*****	*****	*****
Effluent Gross Value	Permit Requirement	*****	*****	***	*****	*****	*****	*****	*****	*****

No Discharge

<b>Name/Title Principal Executive Officer</b>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	Date:	01/02/2003	Telephone	
Dee Jense - President InterWest Mining Company			435	687-9821	
Typed or Printed		<b>Signature of Principal Executive Officer or Authorized Agent</b>	Area Code	Number	

Comments and explanation of any violations:  
 Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.