

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	ACT/015/018	Report Date	DEC. 28, 2004
Mine Name	Deer Creek Mine		
Company Name	Energy West Mining		
Impoundment Identification	Impoundment Name	Mine Site Pond:	Waste Rock Pond:
	Impoundment Number		
	UPDES Permit Number	UT-0023604-001	
	MSHA ID Number	N/A	N/A

**IMPOUNDMENT INSPECTION**

Inspection Date	Mine Site: 11/6/04	Waste Rock Pond 11/6/04
Inspected By	Rick Cullum / John Christensen	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	4TH Quarter 2004 Inspection	

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Conditions, Comments Etc.	No hazards observed.	No hazards observed.

Required for an impoundment which functions as a SEDIMENTATION POND.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.	
	<u>Mine Site Pond:</u>	<u>Waste Rock Pond:</u>
60% Design Storage Capacity	1.87 A.F. at 7213.1 ft.	.59 A.F. at 6312.7 ft.
100% Sediment Capacity	3.12 A.F. at 7216.0 ft.	.98 A.F. at 6313.45 ft.
	Principle and emergency spillway elevations.	
	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Principle Spillway Elevation (F.A.S.L.):	7218.64	6318.0
Emergency Spillway Elevation	7232.03	6318.0
File in:	<input type="checkbox"/> Confidential <input type="checkbox"/> Shelf <input checked="" type="checkbox"/> Expandable	
In C	015/0009 Incoming	
Date:	12/14/2005 For additional information	

**RECEIVED**  
 DEC 14 2005  
 DIV. OF OIL, GAS & MINING

**Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Water Elevation	7222.22	None
Discharging	Yes	Never
Inlet, Outlet, Spillway Conditions	Good	Good
Out slope Conditions	No Change	No Change

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Sediment Volume	1.66 A.F.	None
Remaining Sediment Storage Capacity	1.46 A.F.	0.98 A.F.
Water impounded	3.69 A.F.	NONE

Changes, Comments, etc.	The pond was cleaned in the fourth quarter of 2002.	No change from last inspection.
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The pond was frozen at time of inspection. No depth measurements were taken.

**Qualification Statement**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself and include any appearance, instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: *John Carter*  
 Signature: *Richard Carlson*

Date: 1/16/05  
 Date: 1-7-05



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	ACT/015/018	Report Date	OCT. 4, 2004
Mine Name	Deer Creek Mine		
Company Name	Energy West Mining		
Impoundment Identification	Impoundment Name	Mine Site Pond:	Waste Rock Pond:
	Impoundment Number		
	UPDES Permit Number	UT-0023604-001	
	MSHA ID Number	N/A	N/A
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	Mine Site: 9/20/04	Waste Rock Pond 9/21/04	
Inspected By	Rick Cullum / John Christensen		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	3RD Quarter 2004 Inspection		
1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.			
	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>	
Conditions, Comments Etc.	No hazards observed.	No hazards observed.	
Required for an impoundment which functions as a SEDIMENTATION POND.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.		
		<u>Mine Site Pond:</u>	<u>Waste Rock Pond:</u>
	60% Design Storage Capacity	1.87 A.F. at 7213.1 ft.	.59 A.F. at 6312.7 ft.
	100% Sediment Capacity	3.12 A.F. at 7216.0 ft.	.98 A.F. at 6313.45 ft.
	Principle and emergency spillway elevations.		
		<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
	Principle Spillway Elevation (F.A.S.L.):	7218.64	6318.0
	Emergency Spillway Elevation	7232.03	6318.0

**Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Water Elevation	7225.61	None
Discharging	Yes	Never
Inlet, Outlet, Spillway Conditions	Good	Good
Out slope Conditions	No Change	No Change

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Sediment Volume	1.66 A.F.	None
Remaining Sediment Storage Capacity	1.46 A.F.	0.98 A.F.
Water impounded A.F.	6.47 A.F.	NONE
Changes, Comments, etc.	The pond was cleaned in the fourth quarter of 2002.	No change from last inspection.

**Qualification Statement**



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: John Christensen  
 Signature: Richard Callum

Date: 10/12/04  
 Date: 10-14-04

Permit Number	ACT/015/018	Report Date	JULY 6, 2004
Mine Name	Deer Creek Mine		
Company Name	Energy West Mining		
Impoundment Identification	Impoundment Name	Mine Site Pond:	Waste Rock Pond:
	Impoundment Number		
	UPDES Permit Number	UT-0023604-001	
	MSHA ID Number	N/A	N/A

**IMPOUNDMENT INSPECTION**

Inspection Date	Mine Site: 6/22/04	Waste Rock Pond 6/28/04
Inspected By	Rick Cullum / John Christensen	

Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	2ND Quarter 2004 Inspection
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1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Conditions, Comments Etc.	No hazards observed.	No hazards observed.

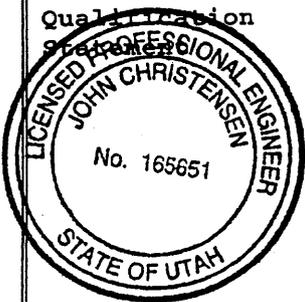
Required for an impoundment which functions as a SEDIMENTATION POND.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment. <table style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:35%; text-align: center;"><u>Mine Site Pond:</u></th> <th style="width:35%; text-align: center;"><u>Waste Rock Pond:</u></th> </tr> </thead> <tbody> <tr> <td>60% Design Storage Capacity</td> <td style="text-align: center;">1.87 A.F. at 7213.1 ft.</td> <td style="text-align: center;">.59 A.F. at 6312.7 ft.</td> </tr> <tr> <td>100% Sediment Capacity</td> <td style="text-align: center;">3.12 A.F. at 7216.0 ft.</td> <td style="text-align: center;">.98 A.F. at 6313.45 ft.</td> </tr> </tbody> </table> <p style="margin-top: 10px;">Principle and emergency spillway elevations.</p> <table style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:35%; text-align: center;"><u>Mine Site Pond</u></th> <th style="width:35%; text-align: center;"><u>Waste Rock Pond</u></th> </tr> </thead> <tbody> <tr> <td>Principle Spillway Elevation (F.A.S.L.):</td> <td style="text-align: center;">7218.64</td> <td style="text-align: center;">6318.0</td> </tr> <tr> <td>Emergency Spillway Elevation</td> <td style="text-align: center;">7232.03</td> <td style="text-align: center;">6318.0</td> </tr> </tbody> </table>		<u>Mine Site Pond:</u>	<u>Waste Rock Pond:</u>	60% Design Storage Capacity	1.87 A.F. at 7213.1 ft.	.59 A.F. at 6312.7 ft.	100% Sediment Capacity	3.12 A.F. at 7216.0 ft.	.98 A.F. at 6313.45 ft.		<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>	Principle Spillway Elevation (F.A.S.L.):	7218.64	6318.0	Emergency Spillway Elevation	7232.03	6318.0
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**Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Water Elevation	7225.12	None
Discharging	Yes	Never
Inlet, Outlet, Spillway Conditions	Good	Good
Out slope Conditions	No Change	No Change

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Sediment Volume	1.47 A.F.	None
Remaining Sediment Storage Capacity	1.65 A.F.	0.98 A.F.
Water impounded A.F.	6.83 A.F.	NONE
Changes, Comments, etc.	The pond was cleaned in the fourth quarter of 2002.	No change from last inspection.



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: John Christensen  
 Signature: Richard Culbertson

Date: 7/26/04  
 Date: 7-26-04

Permit Number	ACT/015/018	Report Date	MAR. 29, 2004
Mine Name	Deer Creek Mine		
Company Name	Energy West Mining		
Impoundment Identification	Impoundment Name	Mine Site Pond:	Waste Rock Pond:
	Impoundment Number		
	UPDES Permit Number	UT-0023604-001	
	MSHA ID Number	N/A	N/A

**IMPOUNDMENT INSPECTION**

Inspection Date	Mine Site: 3/17/04	Waste Rock Pond 3/17/04
Inspected By	Rick Cullum / John Christensen	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	1ST Quarter 2004 Inspection	

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Conditions, Comments Etc.	No hazards observed.	No hazards observed.

Required for an impoundment which functions as a <b>SEDIMENTATION POND</b> .	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment. <table style="width:100%; margin-top: 10px;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:35%; text-align: center;"><u>Mine Site Pond:</u></th> <th style="width:35%; text-align: center;"><u>Waste Rock Pond:</u></th> </tr> </thead> <tbody> <tr> <td>60% Design Storage Capacity</td> <td style="text-align: center;">1.87 A.F. at 7213.1 ft.</td> <td style="text-align: center;">.59 A.F. at 6312.7 ft.</td> </tr> <tr> <td>100% Sediment Capacity</td> <td style="text-align: center;">3.12 A.F. at 7216.0 ft.</td> <td style="text-align: center;">.98 A.F. at 6313.45 ft.</td> </tr> </tbody> </table> <hr/> Principle and emergency spillway elevations. <table style="width:100%; margin-top: 10px;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:35%; text-align: center;"><u>Mine Site Pond</u></th> <th style="width:35%; text-align: center;"><u>Waste Rock Pond</u></th> </tr> </thead> <tbody> <tr> <td>Principle Spillway Elevation (F.A.S.L.):</td> <td style="text-align: center;">7218.64</td> <td style="text-align: center;">6318.0</td> </tr> <tr> <td>Emergency Spillway Elevation</td> <td style="text-align: center;">7232.03</td> <td style="text-align: center;">6318.0</td> </tr> </tbody> </table>		<u>Mine Site Pond:</u>	<u>Waste Rock Pond:</u>	60% Design Storage Capacity	1.87 A.F. at 7213.1 ft.	.59 A.F. at 6312.7 ft.	100% Sediment Capacity	3.12 A.F. at 7216.0 ft.	.98 A.F. at 6313.45 ft.		<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>	Principle Spillway Elevation (F.A.S.L.):	7218.64	6318.0	Emergency Spillway Elevation	7232.03	6318.0
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**Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Water Elevation	7228.24 top of ice	None
Discharging	Yes	Never
Inlet, Outlet, Spillway Conditions	Good	Good
Out slope Conditions	No Change	No Change

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

	<u>Mine Site Pond</u>	<u>Waste Rock Pond</u>
Sediment Volume	.97 A.F.	None
Remaining Sediment Storage Capacity	2.15 A.F.	0.98 A.F.
Water impounded A.F.	8.13 A.F.	NONE
Changes, Comments, etc.	The pond was cleaned in the fourth quarter of 2002. Pond was frozen At time of inspection.	No change from last inspection.

**Qualification Statement**



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: John Christensen  
 Signature: Richard Williams

Date: 4/5/04  
 Date: 4-6-04

4/015/0009

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 2</b>	
<b>Permit Number</b>	ACT/015/009	<b>Report Date</b>	DEC 28, 2004
<b>Mine Name</b>	Trail Mountain Mine		
<b>Company Name</b>	Energy West Mining Company		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Trail Mountain Mine Pond:	
	<b>Impoundment Number</b>		
	<b>UPDES Permit Number</b>	UT-G04003-001	
	<b>MSHA ID Number</b>	N/A	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	DEC. 6, 2004		
<b>Inspected By</b>	John Christensen / Rick Cullum		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		4TH Quarter 2004 Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No unstable or structural weaknesses found.</p>			
<p>Required for an impoundment which functions as a SEDIMENTATION POND.</p>	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Design Storage Capacity            0.282 A.F. at 7182</p> <p>100% Sediment Capacity                      0.47 A.F. at 7183.6</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation (F.A.S.L.):            7186.6</p> <p>Emergency Spillway Elevation: (F.A.S.L.):            7194.6</p>		

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Water Elevation 7183.35  
 Discharging No  
 Inlet, Outlet Conditions Good  
 Slope conditions Good

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Sediment Volume 0.25 A.F.  
 Remaining Sediment Storage Capacity 0.22 A.F.  
 Water Impounded 0.14 A.F.

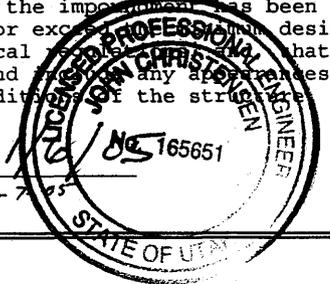
Changes, comments, etc. Mining has seized at Trail Mtn. operations, only storm run off will run into the pond. The pond was frozen at the time of the inspection, no depth measurement were taken.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed design requirements under all applicable federal, state and local codes; that inspections and inspection reports are made by myself and any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: John Christensen  
 Signature: Richard Culham

Date: 1/7/05  
 Date: 1/7/05



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	ACT/015/009	Report Date	OCT. 4, 2004
Mine Name	Trail Mountain Mine		
Company Name	Energy West Mining Company		
Impoundment Identification	Impoundment Name	Trail Mountain Mine Pond:	
	Impoundment Number		
	UPDES Permit Number	UT-G04003-001	
	MSHA ID Number	N/A	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	SEPT. 22, 2004		
Inspected By	John Christensen / Rick Cullum		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	3RD Quarter 2004 Inspection		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No unstable or structural weaknesses found.</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Design Storage Capacity            0.282 A.F. at 7182</p> <p>100% Sediment Capacity                        0.47 A.F. at 7183.6</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation (F.A.S.L.):            7186.6</p> <p>Emergency Spillway Elevation:(F.A.S.L.):            7194.6</p>		

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Water Elevation 7182.24  
 Discharging No  
 Inlet, Outlet Conditions Good  
 Slope conditions Good

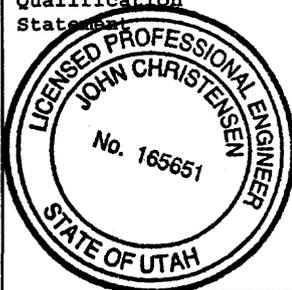
\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Sediment Volume 0.25 A.F.  
 Remaining Sediment Storage Capacity 0.22 A.F.  
 Water Impounded .03 A.F.

Changes, comments, etc. Mining has seized at Trail Mtn. operations, only storm run off will run into the pond. As the pond was dry, a new survey was done to more accurately define sediment.

Qualification Statement



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: \_\_\_\_\_  
 Signature: \_\_\_\_\_

*John Christensen*  
*Richard Culver*

Date: \_\_\_\_\_  
 Date: \_\_\_\_\_

10/12/04  
 10-11-04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	ACT/015/009	Report Date	JULY 6, 2004
Mine Name	Trail Mountain Mine		
Company Name	Energy West Mining Company		
Impoundment Identification	Impoundment Name	Trail Mountain Mine Pond:	
	Impoundment Number		
	UPDES Permit Number	UT-G04003-001	
	MSHA ID Number	N/A	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	JUNE 21, 2004		
Inspected By	John Christensen / Rick Cullum		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		2ND Quarter 2004 Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No unstable or structural weaknesses found.</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Design Storage Capacity            0.282 A.F. at 7182</p> <p>100% Sediment Capacity            0.47 A.F. at 7183.6</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation (F.A.S.L.):            7186.6</p> <p>Emergency Spillway Elevation: (F.A.S.L.):            7194.6</p>		

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Water Elevation 7182.63  
 Discharging No  
 Inlet, Outlet Conditions Good  
 Slope conditions Good

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Sediment Volume 0.28 A.F.  
 Remaining Sediment Storage Capacity 0.19 A.F.  
 Water Impounded .03 A.F.  
 Changes, comments, etc. Mining has seized at Trail Mtn. operations, only storm run off will run into the pond.

Qualification  
 State of Utah



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: John Christensen Date: 7/26/04  
 Signature: Richard Cullum Date: 7-26-04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	ACT/015/009	Report Date	MAR. 29, 2004
Mine Name	Trail Mountain Mine		
Company Name	Energy West Mining Company		
Impoundment Identification	Impoundment Name	Trail Mountain Mine Pond:	
	Impoundment Number		
	UPDES Permit Number	UT-G04003-001	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	MAR. 17, 2004		
Inspected By	John Christensen / Rick Cullum/		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	1ST Quarter 2004 Inspection		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No unstable or structural weaknesses found.</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Design Storage Capacity            0.282 A.F. at 7182</p> <p>100% Sediment Capacity            0.47 A.F. at 7183.6</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation (F.A.S.L.):            7186.6</p> <p>Emergency Spillway Elevation: (F.A.S.L.):            7194.6</p>		

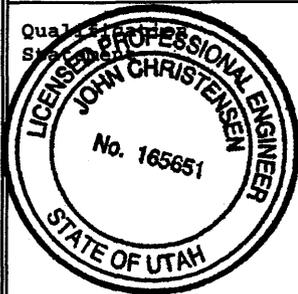
4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

Water Elevation 7185.63  
 Discharging No  
 Inlet, Outlet Conditions Good  
 Slope conditions Good

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Sediment Volume 0.28 A.F.  
 Remaining Sediment Storage Capacity 0.19 A.F.  
 Water Impounded .34 A.F.  
 Changes, comments, etc. Mining has seized at Trail Mtn. Operations only  
 Storm run off will run into the pond.



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: John Christensen  
 Signature: Richard C. [unclear]

Date: 4/5/04  
 Date: 4-6-04

C/09B/0017

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>			Page 1 of 2
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<b>Permit Number</b>	ACT/015/017	<b>Report Date</b>	DEC. 28, 2004
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<b>Mine Name</b>	Des Bee Dove		
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<b>Company Name</b>	Energy West Mining Company		
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<b>Impoundment Identification</b>	<b>Impoundment Name</b>	<b>Mine Site Pond</b>	
	<b>Impoundment Number</b>		
	<b>UPDES Permit Number</b>	UT-0023591	
	<b>MSHA ID Number</b>		

**IMPOUNDMENT INSPECTION**

<b>Inspection Date</b>	DEC. 6, 2004
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<b>Inspected By</b>	Rick Cullum/John Christensen
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<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	4TH Quarter 2004 Inspection
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1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.  
 There are no visible signs of weakness or instability.

<b>Required for an impoundment which functions as a SEDIMENTATION POND.</b>	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.	
	<b>60% Design Storage Capacity</b> 1.2 A.F. at 6756  <b>100% Sediment Capacity</b> 2.0 A.F. at 6757	
	Principle and emergency spillway elevations.	
	<b>Principle Spillway Elevation (F.A.S.L.):</b>	6757.0
	<b>Emergency Spillway Elevation:(F.A.S.L.):</b>	6771.8

**Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

**Water Elevation** Pond frozen.

**Discharging** No

**Inlet, Outlet Conditions** Good

**Slope conditions** Good

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

**Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

**Sediment Volume:** 1.60

**Remaining Sediment Storage Capacity** .40

**Water Impoundment:** FROZEN.

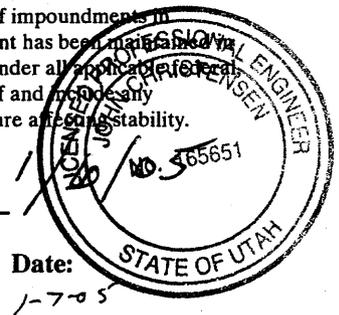
**Changes or Comments** The pond was partially cleaned of sediment.

**Qualification Statement**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: John Christensen Date: \_\_\_\_\_

Signature: Richard Cullen Date: \_\_\_\_\_



1-7-05

Permit Number	ACT/015/017	Report Date	OCT. 4, 2004
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Mine Name	Des Bee Dove		
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Company Name	Energy West Mining Company		
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<b>Impoundment Identification</b>	Impoundment Name	Mine Site Pond	
	Impoundment Number		
	UPDES Permit Number	UT-0023591	
	MSHA ID Number		

**IMPOUNDMENT INSPECTION**

Inspection Date	SEPT. 22, 2004		
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Inspected By	Rick Cullum/John Christensen		
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Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	3RD Quarter 2004 Inspection		
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1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

There are no visible signs of weakness or instability.

Required for an impoundment which functions as a SEDIMENTATION POND.	<p>Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Design Storage Capacity            1.2 A.F. at 6756</p> <p>100% Sediment Capacity            2.0 A.F. at 6757</p> <hr/> <p>Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation (F.A.S.L.):            6757.0</p> <p>Emergency Spillway Elevation: (F.A.S.L.):            6771.8</p>
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<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Page 1 of 2
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Permit Number	ACT/015/017	Report Date	JULY 6, 2004
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Mine Name	Des Bee Dove		
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Company Name	Energy West Mining Company		
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Impoundment Identification	Impoundment Name	Mine Site Pond	
	Impoundment Number		
	UPDES Permit Number	UT-0023591	
	MSHA ID Number		

<b>IMPOUNDMENT INSPECTION</b>	
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Inspection Date	JUNE 21, 2004
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Inspected By	Rick Cullum/John Christensen
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Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	2ND Quarter 2004 Inspection
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1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

There are no visible signs of weakness or instability.

Required for an impoundment which functions as a SEDIMENTATION POND.	<p>Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Design Storage Capacity            1.2 A.F. at 6756</p> <p>100% Sediment Capacity            2.0 A.F. at 6757</p> <hr/> <p>Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation (F.A.S.L.):            6757.0</p> <p>Emergency Spillway Elevation: (F.A.S.L.):            6771.8</p>
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**Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

**Water Elevation** dry  
**Discharging** No  
**Inlet, Outlet Conditions** Good  
**Slope conditions** Good

\*See "Hydrologic Monitoring Data" report submitted quarterly to DOGM for monitoring information.

**Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

**Sediment Volume:** 2.58  
**Remaining Sediment Storage Capacity** 0  
**Water Impoundment:** 0.0 A.F.  
**Changes or Comments** The pond is scheduled to be partially cleaned of sediment.

**Qualification Statement**



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**Signature:** John Christensen **Date:** 7/26/04  
**Signature:** Richard Cellum **Date:** 6-26-07

Permit Number	ACT/015/017	Report Date	MAR. 29, 2004
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Mine Name	Des Bee Dove		
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Company Name	Energy West Mining Company		
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<b>Impoundment Identification</b>	Impoundment Name	Mine Site Pond	
	Impoundment Number		
	UPDES Permit Number	UT-0023591	
	MSHA ID Number		

<b>IMPOUNDMENT INSPECTION</b>
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Inspection Date	MAR. 17, 2004		
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Inspected By	Rick Cullum/John Christensen		
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Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	1 <sup>st</sup> Quarter Inspection		
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1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

There are no visible signs of weakness or instability.

Required for an impoundment which functions as a SEDIMENTATION POND.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.		
	60% Design Storage Capacity            1.2 A.F. at 6756		
	100% Sediment Capacity                        2.0 A.F. at 6757		
	Principle and emergency spillway elevations.		
	Principle Spillway Elevation (F.A.S.L.):            6757.0		
	Emergency Spillway Elevation: (F.A.S.L.):            6771.8		



C/015/0019

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 2</b>	
Permit Number	ACT/015/019	Report Date	DEC. 28, 2004
Mine Name	Cottonwood/Wilberg		
Company Name	PacifiCorp		
Impoundment Name...	North Pond	South Pond	Waste Rock Pond
Impoundment Number.			
UPDES Permit Number		UT 0022896-003A	UT 0022896-005
MSHA ID NUMBER.....	1211-UT-09-02052-02	1211-UT-09-02052-03	

**IMPOUNDMENT INSPECTION**

Inspection Date	DEC. 6, 2004
Inspected By	Rick Cullum/ John Christensen
	4TH Quarter Inspection 2004

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

North Pond: No instabilities or weaknesses observed.

South Pond: No instabilities or weaknesses observed.

Waste Rock Site Pond: No instabilities observed.

Required for an impoundment which functions as a SEDIMENTATION POND.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.			
		<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
	60% Design Storage Capacity	.34 A.F. at 7351.0 ft.	.19 A.F. at 7322.3 ft.	1.45 A.F. at 6761.5 ft.
	100% Sediment Capacity	.56 A.F. at 7354.83 ft.	.32 A.F. at 7325.33 ft.	2.42 A.F. at 6765.3 ft.
	Principle and emergency spillway elevations.			
		<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
	Principal Spillway Elevation	7354.83	7325.33	6766.3
	Emergency Spillway Elevation	7363.33	7334.2	6770.0

**Field Information.** Provide current water elevation, whether pond is discharging, type and number of

samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
<b>Water Elevation</b>	7354.04 Frozen	DRY	6761.65
<b>Discharging</b>	NO	NO	No
<b>Inlet/Outlet Condition</b>	Good	Good	Good
<b>Slope conditions</b>	Good	Good	Good

\*See "Hydrologic Monitoring Data" report submitted to DOGM quarterly for monitoring information.

**Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
<b>Sediment Volume</b>	0.16 AF	0.00 AF	1.19 AF
<b>Remaining Sediment Storage Capacity</b>	0.38 AF	0.32 AF	2.23 AF
<b>Water Impounded</b>	0.30 AF	0.0 AF	0.21 AF

**Changes, Comments,** Ponds were frozen at the time of the inspections.

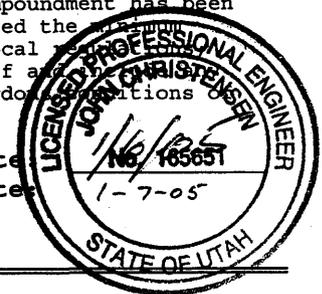
THE COTTONWOOD MINE WAS IDLED IN 2001, SO THE ONLY WATER THAT REPORTS TO THE PONDS are RUN-OFF DURING A STORM EVENT.

**Qualification Statement**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the design requirements under all applicable federal, state and local regulations and, that inspections and inspection reports are made by myself and not by other persons; and that appearances of instability, structural weakness or other hazardous conditions affecting the structure affecting stability.

Signature: John Christensen  
 Signature: Richard Collins

Date: \_\_\_\_\_  
 Date: \_\_\_\_\_



<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>			<b>Page 1 of 2</b>
Permit Number	ACT/015/019	Report Date	OCT. 4, 2004
Mine Name	Cottonwood/Wilberg		
Company Name	PacifiCorp		
Impoundment Name...	North Pond	South Pond	Waste Rock Pond
Impoundment Number.			
UPDES Permit Number		UT 0022896-003A	UT 0022896-005
MSHA ID NUMBER.....	1211-UT-09-02052-02	1211-UT-09-02052-03	

**IMPOUNDMENT INSPECTION**

Inspection Date	September 22, 2004
Inspected By	Rick Cullum/ John Christensen
	3RD Quarter Inspection 2004

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

North Pond: No instabilities or weaknesses observed.

South Pond: No instabilities or weaknesses observed.

Waste Rock Site Pond: No instabilities observed.

Required for an impoundment which functions as a SEDIMENTATION POND.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.			
		<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
	60% Design Storage Capacity	.34 A.F. at 7351.0 ft.	.19 A.F. at 7322.3 ft.	1.45 A.F. at 6761.5 ft.
	100% Sediment Capacity	.56 A.F. at 7354.83 ft.	.32 A.F. at 7325.33 ft.	2.42 A.F. at 6765.3 ft.
	Principle and emergency spillway elevations.			
		<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
	Principal Spillway Elevation	7354.83	7325.33	6766.3
	Emergency Spillway Elevation	7363.33	7334.2	6770.0

**Field Information.** Provide current water elevation, whether pond is discharging, type and number of

**IMPOUNDMENT INSPECTION AND CERTIFIED REPORT**

samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
Water Elevation	7352.97	DRY	DRY
Discharging	NO	NO	No
Inlet/Outlet Condition	Good	Good	Good
Slope conditions	Good	Good	Good

\*See "Hydrologic Monitoring Data" report submitted to DOGM quarterly for monitoring information.

**Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
Sediment Volume	0.16 AF	0.00 AF	1.19 AF
Remaining Sediment Storage Capacity	0.38 AF	0.32 AF	2.23 AF
Water Impounded	0.24 AF	0.0 AF	0.00 AF
Changes, Comments,	Pond is functioning Normally at this time.	Pond is functioning normally.	

THE COTTONWOOD MINE WAS IDLED IN 2001, SO THE ONLY WATER THAT REPORTS TO THE PONDS IS RUN-OFF DURING A STORM EVENT.

**Qualification Statement**



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Signature: John Christensen  
 Signature: Richard Cullum

Date: 10/12/04  
 Date: 10-14-04

Permit Number	ACT/015/019	Report Date	JULY 6, 2004
Mine Name	Cottonwood/Wilberg		
Company Name	PacifiCorp		
Impoundment Name...	North Pond	South Pond	Waste Rock Pond
Impoundment Number.			
UPDES Permit Number		UT 0022896-003A	UT 0022896-005
MSHA ID NUMBER.....	1211-UT-09-02052-02	1211-UT-09-02052-03	

**IMPOUNDMENT INSPECTION**

Inspection Date	JUNE 21, 2004
Inspected By	Rick Cullum/ John Christensen
	2ND Quarter Inspection 2004

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

**North Pond:** No instabilities or weaknesses observed.

**South Pond:** No instabilities or weaknesses observed.

**Waste Rock Site Pond:** No instabilities observed.

Required for an impoundment which functions as a SEDIMENTATION POND.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.												
	<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>North Pond</u></th> <th style="text-align: center;"><u>South Pond</u></th> <th style="text-align: center;"><u>Waste Rock Pond</u></th> </tr> </thead> <tbody> <tr> <td>60% Design Storage Capacity</td> <td style="text-align: center;">.34 A.F. at 7351.0 ft.</td> <td style="text-align: center;">.19 A.F. at 7322.3 ft.</td> <td style="text-align: center;">1.45 A.F. at 6761.5 ft.</td> </tr> <tr> <td>100% Sediment Capacity</td> <td style="text-align: center;">.56 A.F. at 7354.83 ft.</td> <td style="text-align: center;">.32 A.F. at 7325.33 ft.</td> <td style="text-align: center;">2.42 A.F. at 6765.3 ft.</td> </tr> </tbody> </table>		<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>	60% Design Storage Capacity	.34 A.F. at 7351.0 ft.	.19 A.F. at 7322.3 ft.	1.45 A.F. at 6761.5 ft.	100% Sediment Capacity	.56 A.F. at 7354.83 ft.	.32 A.F. at 7325.33 ft.	2.42 A.F. at 6765.3 ft.
	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>										
60% Design Storage Capacity	.34 A.F. at 7351.0 ft.	.19 A.F. at 7322.3 ft.	1.45 A.F. at 6761.5 ft.										
100% Sediment Capacity	.56 A.F. at 7354.83 ft.	.32 A.F. at 7325.33 ft.	2.42 A.F. at 6765.3 ft.										
	Principle and emergency spillway elevations.												
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	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>										
Principal Spillway Elevation	7354.83	7325.33	6766.3										
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**Field Information.** Provide current water elevation, whether pond is discharging, type and number of

samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
Water Elevation	7352.57	DRY	DRY
Discharging	NO	NO	No
Inlet/Outlet Condition	Good	Good	Good
Slope conditions	Good	Good	Good

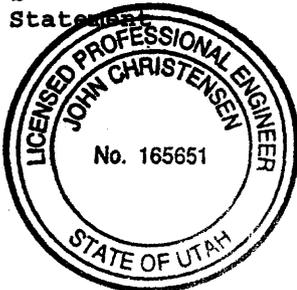
\*See "Hydrologic Monitoring Data" report submitted to DOGM quarterly for monitoring information.

**Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
Sediment Volume	0.16 AF	0.00 AF	1.19 AF
Remaining Sediment Storage Capacity	0.38 AF	0.32 AF	2.23 AF
Water Impounded	0.22 AF	0.0 AF	0.00 AF
Changes, Comments,	Pond is functioning Normally at this time.	Pond is functioning normally.	

THE COTTONWOOD MINE WAS IDLED IN 2001, SO THE ONLY WATER THAT REPORTS TO THE PONDS IS RUN-OFF DURING A STORM EVENT.

Qualification Statement



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: \_\_\_\_\_  
Signature: \_\_\_\_\_

*John Christensen*  
*Richard Culham*

Date: \_\_\_\_\_  
Date: \_\_\_\_\_

*7/26/04*  
*7-26-04*

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>	<b>Page 1 of 2</b>
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Permit Number	ACT/015/019	Report Date	MAR. 29, 2004
Mine Name	Cottonwood/Wilberg		
Company Name	PacifiCorp		
Impoundment Name...	North Pond	South Pond	Waste Rock Pond
Impoundment Number.			
UPDES Permit Number		UT 0022896-003A	UT 0022896-005
MSHA ID NUMBER.....	1211-UT-09-01211-01	1211-UT-09-01211-02	

<b>IMPOUNDMENT INSPECTION</b>
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Inspection Date	MAR. 17, 2004
Inspected By	Rick Cullum/ John Christensen
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	1ST Quarter Inspection 2004

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

North Pond: No instabilities or weaknesses observed.

South Pond: No instabilities or weaknesses observed.

Waste Rock Site Pond: No instabilities observed.

Required for an impoundment which functions as a <b>SEDIMENTATION POND.</b>	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.												
	<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>North Pond</u></th> <th style="text-align: center;"><u>South Pond</u></th> <th style="text-align: center;"><u>Waste Rock Pond</u></th> </tr> </thead> <tbody> <tr> <td>60% Design Storage Capacity</td> <td style="text-align: center;">.34 A.F. at 7351.0 ft.</td> <td style="text-align: center;">.19 A.F. at 7322.3 ft.</td> <td style="text-align: center;">1.45 A.F. at 6761.5 ft.</td> </tr> <tr> <td>100% Sediment Capacity</td> <td style="text-align: center;">.56 A.F. at 7354.83 ft.</td> <td style="text-align: center;">.32 A.F. at 7325.33 ft.</td> <td style="text-align: center;">2.42 A.F. at 6765.3 ft.</td> </tr> </tbody> </table>		<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>	60% Design Storage Capacity	.34 A.F. at 7351.0 ft.	.19 A.F. at 7322.3 ft.	1.45 A.F. at 6761.5 ft.	100% Sediment Capacity	.56 A.F. at 7354.83 ft.	.32 A.F. at 7325.33 ft.	2.42 A.F. at 6765.3 ft.
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	Principle and emergency spillway elevations.												
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**Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
Water Elevation	7354.17	DRY	6761.77
Discharging	NO	NO	No
Inlet/Outlet Condition	Good	Good	Good
Slope conditions	Good	Good	Good

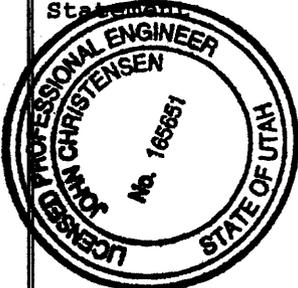
\*See "Hydrologic Monitoring Data" report submitted to DOGM quarterly for monitoring information.

**Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

	<u>North Pond</u>	<u>South Pond</u>	<u>Waste Rock Pond</u>
Sediment Volume	0.16 AF	0.00 AF	1.04 AF
Remaining Sediment Storage Capacity	0.38 AF	0.32 AF	1.38 AF
Water Impounded	0.29 AF	0.0 AF	.36 AF
Changes, Comments,	Pond is functioning Normally at this time.	Pond is functioning normally.	

THE COTTONWOOD MINE WAS IDLED IN 2001, SO THE ONLY WATER THAT REPORTS TO THE PONDS IS RUN-OFF DURING A STORM EVENT. The south pond decant was replaced during the 1<sup>st</sup> quarter of 2003.

**Qualification Statement**



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Signature: \_\_\_\_\_

Date: 4/5/04

Signature: Richard Cellum

Date: 4-6-04