



# U. S. DEPT. OF THE INTERIOR OFFICE OF SURFACE MINING

## Mine Site Evaluation

State Program  
Continuation Page

Permittee/ Person PACIFICORP

Permit Number UT-015-018

Field Visit Date 05/22/2002

### 28. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere, 6=Previously Cited

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| <p><b>A. Administrative</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Mining within Valid Permit</li> <li>2. <u>1</u> Mining within Bonded Area</li> <li>3. <u>1</u> Terms &amp; Conditions of Permit</li> <li>4. <u>1</u> Liability Insurance</li> <li>5. <u>1</u> Ownership and Control</li> <li>6. <u>1</u> Temporary Cessation</li> <li>7. <u>   </u> AML Rec. Fees -- Non-Respondent</li> <li>8. <u>   </u> AML Rec. Fees -- Failure to Pay</li> </ol> <p><b>B. Hydrologic Balance</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Drainage Control</li> <li>2. <u>1</u> Inspections &amp; Certifications</li> <li>3. <u>1</u> Siltation Structures</li> <li>4. <u>1</u> Discharge Structures</li> <li>5. <u>1</u> Diversions</li> <li>6. <u>1</u> Effluent Limits</li> <li>7. <u>1</u> Ground Water Monitoring</li> <li>8. <u>1</u> Surface Water Monitoring</li> <li>9. <u>1</u> Drainage -- Acid-Toxic Materials</li> <li>10. <u>1</u> Impoundments</li> <li>11. <u>1</u> Stream Buffer Zones</li> </ol> <p><b>C. Topsoil &amp; Subsoil</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Removal</li> <li>2. <u>1</u> Substitute Materials</li> <li>3. <u>1</u> Storage and Protection</li> <li>4. <u>1</u> Redistribution</li> </ol> | <p><b>D. Backfilling &amp; Grading</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Exposed Openings</li> <li>2. <u>1</u> Contemporaneous Reclamation</li> <li>3. <u>1</u> Approximate Original Contour</li> <li>4. <u>1</u> Highwall Elimination</li> <li>5. <u>1</u> Steep Slopes (includes downslope)</li> <li>6. <u>1</u> Handling of Acid &amp; Toxic Materials</li> <li>7. <u>1</u> Stabilization (rills and gullies)</li> </ol> <p><b>E. Excess Spoil Disposal</b></p> <ol style="list-style-type: none"> <li>1. <u>3</u> Placement</li> <li>2. <u>3</u> Drainage Control</li> <li>3. <u>3</u> Surface Stabilization</li> <li>4. <u>3</u> Inspections &amp; Certifications</li> </ol> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments)</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Drainage Control</li> <li>2. <u>1</u> Surface Stabilization</li> <li>3. <u>1</u> Placement</li> <li>4. <u>1</u> Inspections and Certifications</li> <li>5. <u>1</u> Impounding Structures</li> </ol> <p><b>G. Use Of Explosives</b></p> <ol style="list-style-type: none"> <li>1. <u>3</u> Blaster Certification</li> <li>2. <u>3</u> Distance Prohibitions</li> <li>3. <u>3</u> Blast Survey/Schedule</li> <li>4. <u>3</u> Warnings &amp; Records</li> <li>5. <u>3</u> Control of Adverse Effects</li> </ol> | <p><b>H. <u>1</u> Subsidence Control Plan</b></p> <p><b>I. Roads</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Road Construction</li> <li>2. <u>1</u> Certification</li> <li>3. <u>1</u> Drainage</li> <li>4. <u>1</u> Surfacing and Maintenance</li> <li>5. <u>1</u> Reclamation</li> </ol> <p><b>J. Signs &amp; Markers</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Signs</li> <li>2. <u>1</u> Markers</li> </ol> <p><b>K. <u>1</u> Distance Prohibitions</b></p> <p><b>L. Revegetation</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Vegetative Cover</li> <li>2. <u>1</u> Timing</li> </ol> <p><b>M. <u>1</u> Postmining Land Use</b></p> <p><b>N. Other</b></p> <p style="margin-left: 20px;">General</p> <p style="margin-left: 20px;">Performance Category</p> <p style="margin-left: 20px;">_____ 1) _____</p> <p style="margin-left: 20px;">_____ 2) _____</p> <p style="margin-left: 20px;">_____ 3) _____</p> |
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### Performance Standard Categories 30 CFR Counterpart

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| <p><b>A. Administrative.....(816/817.22)</b></p> <ol style="list-style-type: none"> <li>1. Valid Permit.....773.11</li> <li>2. Mining within Bonded Area.....773.11</li> <li>3. Terms &amp; Conditions of Permit.....773.17</li> <li>4. Liability Insurance.....800.60</li> <li>5. Ownership and Control.....778.13</li> <li>6. Temporary Cessation.....842.11(e) &amp; 816/817.131</li> <li>7. AML Rec. Fees -- Non-Respondant.....870.15(b)</li> <li>8. AML Rec. Fees -- Failure to Pay.....870.15(a)</li> </ol> <p><b>B. Hydrologic Balance.....(816/817.41-57)</b></p> <ol style="list-style-type: none"> <li>1. Drainage Control.....45</li> <li>2. Inspections &amp; Certifications.....49(a)(10)</li> <li>3. Siltation Structures.....46</li> <li>4. Discharge Structures.....47</li> <li>5. Diversions.....43</li> <li>6. Effluent Limits.....42</li> <li>7. Ground Water Monitoring.....41(c)</li> <li>8. Surface Water Monitoring.....41(e)</li> <li>9. Drainage--Acid - Toxic Materials.....41(f)</li> <li>10. Impoundments.....49</li> <li>11. Stream Buffer Zones.....57</li> </ol> <p><b>C. Topsoil &amp; Subsoil.....(816/817.22)</b></p> <ol style="list-style-type: none"> <li>1. Removal.....22(a)</li> <li>2. Substitute Materials.....22(c)</li> <li>3. Storage and Protection.....22(c)</li> <li>4. Redistribution.....22(d)</li> </ol> <p><b>D. Backfilling &amp; Grading.....(816/817.95-107)</b></p> <ol style="list-style-type: none"> <li>1. Exposed Openings.....816/817.13, 14, 15, &amp; 823.11 &amp; 21</li> <li>2. Contemporaneous Reclamation.....100</li> <li>3. Approximate Original Contour.....102(a)(1)</li> <li>4. Highwall Elimination.....102(a)(2)</li> <li>5. Steep Slopes (includes downslope).....107</li> <li>6. Handling of Acid &amp; Toxic Materials.....102(c)</li> <li>7. Stabilization (rills and gullies).....95(b)</li> </ol> | <p><b>E. Excess Spoil Disposal.....(816/817.71-74)</b></p> <ol style="list-style-type: none"> <li>1. Placement.....71(e)</li> <li>2. Drainage Control.....71(f)</li> <li>3. Surface Stabilization.....71(g)</li> <li>4. Inspections &amp; Certifications.....71(h)</li> </ol> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments) .....(816/817.81-84)</b></p> <ol style="list-style-type: none"> <li>1. Drainage Control.....83(a)</li> <li>2. Surface Stabilization.....83(b)</li> <li>3. Placement.....83(c)</li> <li>4. Inspections and Certifications.....83(d)</li> <li>5. Impounding Structures.....84</li> </ol> <p><b>G. Use of Explosives.....(816/817.61-68)</b></p> <ol style="list-style-type: none"> <li>1. Blaster Certification.....61(c)</li> <li>2. Distance Prohibitions.....61(d)</li> <li>3. Blast Survey/Schedule.....62-64</li> <li>4. Warnings &amp; Records.....66 &amp; 68</li> <li>5. Control of Adverse Effects.....67</li> </ol> <p><b>H. Subsidence Control Plan.....(817.121-122)</b></p> <p><b>I. Roads.....(816/817.150-151)</b></p> <ol style="list-style-type: none"> <li>1. Road Construction.....150(c)</li> <li>2. Certification.....151(a)</li> <li>3. Drainage.....150(b)-151(d)</li> <li>4. Surfacing and Maintenance.....150(e)-151(d)</li> <li>5. Reclamation.....150(f)</li> </ol> <p><b>J. Signs &amp; Markers .....(816/817.11)</b></p> <ol style="list-style-type: none"> <li>1. Signs.....11(a),(b),&amp;(c)</li> <li>2. Markers.....11(a),(b),(d),(e),&amp;(f)</li> </ol> <p><b>K. Distance Prohibitions.....(761.11)</b></p> <p><b>L. Revegetation.....(816/817.111-116)</b></p> <ol style="list-style-type: none"> <li>1. Vegetative Cover.....111 &amp; 116</li> <li>2. Timing.....113</li> </ol> <p><b>M. Postmining Land Use.....(816/817.133)</b></p> |
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May 24, 2002

PacifiCorp / Energy West Mining, Inc.  
P. O. Box 310  
Huntington, UT 84528

Deer Creek Mine  
Complete inspection  
May 22, 2002

Participants:

Chuck Semborski, Energy West  
Dennis Oakley, Energy West  
Steve Demczak, Utah Division of Oil, Gas and Mining (DOGGM)  
Henry Austin, Office of Surface Mining (OSM)

I participated in a complete inspection with the above on May 22, 2002. This mine was selected for inspection by the joint DOGM / OSM Evaluation Team and the primary focus of the inspection was to evaluate off site impacts. Weather conditions were mild with recent light rain showers in the area, but ground conditions remained dry on the disturbed areas. No off site impacts were identified during the inspection.

I began the inspection at the DOGM Salt Lake City offices by reviewing the mine permitting, correspondence, and inspection files. The review included the following: May 7, 2002 DOGM e-mail acknowledgment of water sampling information received from Energy West. 4/29/02 DOGM Technical Review comments concerning the permit area reduction of 1,885 acres, coal lease relinquishments, and a permit change concerning Right of entry and subsidence information. 4/22/02 DOGM review of Energy West water monitoring data from the first and second quarters of 2001 which noted minor parameter reporting deficiencies, notably missing boron analysis. This was discussed with the inspection participants and this review needs to be rectified for future sampling needs. The review also appears to be 10 to 12 months after submittal of the monitoring data results and the time lag for this review was also discussed with inspection participants. 4/1/02 DOGM review comments concerning abandonment of longwall conveyor pan sections underground, which also references the same request to BLM. 3/1/02 DOGM comments on proposed updates to permit Volume 9, Hydrology which included documentation of Cottonwood / Wilberg portal sealing; Trail Mountain Mine access / intake portal converted to mine drain and permitted as UPDES outfall; and the Oliphant Mine discharge identified as a spring and ground water monitoring site. 2/1/02 DOGM deficiencies on the Mill Fork coal lease area extension to the mine permit, 1/31/02 Mill Fork Technical Analysis comments, and 1/31/02 incidental boundary change / ROW to SITLA Mill Fork coal lease area. This concluded my DOGM office review.

Deer Creek Mine, pg. 2

Mr. Demczak began the inspection by conducting a thorough records review at the Energy West office which included the following: Feb. 7, 2001, Deer Creek permit renewal with 3 special conditions (the permittee is in compliance with the conditions). 12/12/2000 Deer Creek bond set at 3 million dollars. 3/27/02 quarterly sediment pond inspections are current; 4/27/02 monthly DMR's are current; 4/8/02 quarterly refuse pile inspection reports are current; liability insurance certificate is current through 4/1/03; 2/1/02 Mill Fork lease deficiencies response submitted to DOGM and is currently under DOGM review and the IBR / SITLA-ROW to the Mill Fork lease is ready for approval according to inspection participants; and 2001 Annual Reports were briefly reviewed. The annual reports contained annual impoundment inspections and subsidence monitoring information as required. We discussed a May 14, 2002, BLM letter to Energy West which rescinded the Mill Fork coal lease ROW (approx. 65 acres) approval and requested additional technical information. We discussed different bond calculation methodologies including the OSM Bond Calculation Handbook and the Colorado Division of Minerals and Geology bond calculation program. I will research the availability of the Colorado program and make it available to inspection participants if possible. This concluded our records review. Records reviewed were in compliance.

We inspected all the mine area disturbances including the following:  
The refuse pile was inspected and the pond was completely dry. There was a fair amount of ungraded refuse and this material should be graded / compacted as soon as practicable. It appears that foreign materials (metal, wood, trash, etc.) is being removed from the refuse prior to grading as required, and the areas inspected appeared stable with very little erosion noted. We inspected the tipple and coal conveyor areas and these facilities are well maintained. Spilled coal is vacuumed from under the conveyor and we noticed some spilled coal in one area that needs to be removed. The sediment pond was stable and will be cleaned out in July 2002. We discussed the recently approved reclamation plan revisions at this location with respect to reconstructing Deer Creek, and the revised plans will disturb far less unaffected area. The crusher area and then the former refuse area # 1 were inspected and both were well maintained. Upper office area, road to the water tank, and equipment storage area / parking facilities were also well maintained and orderly. We concluded the inspection at the Rilda Canyon breakout. The access road was durable and well surfaced, and the facility is well maintained. The permittee is completing modification of the perimeter fencing, and it appears they have operated this facility to minimize any impacts to the surrounding areas. The permittee should be commended for the operation of the Rilda Canyon area. This completed the inspection.

As noted above, no off site impacts were noted during the inspection. Please address any questions concerning this report to Henry Austin at [haustin@osmre.gov](mailto:haustin@osmre.gov) or to (303) 844-1400 x1466.