

0006

### Document Information Form

Mine Number: C/007/018

File Name: Incoming

To: DOGM

From:

Person N/A

Company United States Department of the Interior

Date Sent: N/A

Explanation:

Mine-Site Evaluation Inspection Report

cc:

File in:  
C/007, 018, Incoming

Refer to:

- Confidential
- Shelf
- Expandable

Date \_\_\_\_\_ For additional information



*Copy #10* *ACT 10071018 #5*  
**U. S. DEPT. OF THE INTERIOR**



**OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT**  
**Mine-Site Evaluation Inspection Report**

1. Permittee/Person <b>SOLDIER CREEK COAL CO.</b>		9. Permit Number <b>UT-007-018</b>	10. Type a. Permit <input type="checkbox"/> b. RA <input type="checkbox"/> <b>PP</b> <b>F</b>
2. Address <b>P. O. BOX 1029</b>		11. Inspection Date <b>09/16/1998</b> <small>MM - DD - YY</small>	12. Inspection Type <b>SCX</b>
3. City <b>WELLINGTON</b>	4. State <b>UT</b>	13. Joint Inspection <b>Y</b> <small>Y/N</small>	14. Permit Status <b>A</b>
5. Zip Code <b>84542</b>	6. Phone Number <b>435-448-6463</b>	15. Site Status <b>AP</b>	16. Facility Type <b>B</b>
7. Operator if Different than Permittee		17. OSM Office # <b>140</b>	18. RSI #
8. Mine Name <b>SOLDIER CANYON MINE</b>		19. Land Code <b>F</b>	20. M.S.H.A. ID # <b>42-00077</b>
		21. State Code <b>49</b>	22. County Code <b>007</b>
		23. AVS Permittee Entity ID Number <b>089070</b>	23b. State Office

**24. Performance Standard Categories**

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

- |  |   |  |
|--|---|--|
| <p><b>A. Administrative</b></p> <ol style="list-style-type: none"> <li><u>1</u> Mining within Valid Permit</li> <li><u>1</u> Mining within Bonded Area</li> <li><u>1</u> Terms &amp; Conditions of Permit</li> <li><u>1</u> Liability Insurance</li> <li><u>1</u> Ownership and Control</li> <li><u>1</u> Temporary Cessation</li> <li><u>1</u> AML Rec. Fees -- Non-Respondent</li> <li><u>1</u> AML Rec. Fees -- Failure to Pay</li> </ol> <p><b>B. Hydrologic Balance</b></p> <ol style="list-style-type: none"> <li><u>1</u> Drainage Control</li> <li><u>1</u> Inspections &amp; Certifications</li> <li><u>1</u> Siltation Structures</li> <li><u>1</u> Discharge Structures</li> <li><u>1</u> Diversions</li> <li><u>1</u> Effluent Limits</li> <li><u>1</u> Ground Water Monitoring</li> <li><u>1</u> Surface Water Monitoring</li> <li><u>3</u> Drainage -- Acid-Toxic Materials</li> <li><u>1</u> Impoundments</li> <li><u>1</u> Stream Buffer Zones</li> </ol> <p><b>C. Topsoil &amp; Subsoil</b></p> <ol style="list-style-type: none"> <li><u>1</u> Removal</li> <li><u>1</u> Substitute Materials</li> <li><u>1</u> Storage and Protection</li> <li><u>4</u> Redistribution</li> </ol> | <p><b>D. Backfilling &amp; Grading</b></p> <ol style="list-style-type: none"> <li><u>1</u> Exposed Openings</li> <li><u>1</u> Contemporaneous Reclamation</li> <li><u>1</u> Approximate Original Contour</li> <li><u>4</u> Highwall Elimination</li> <li><u>1</u> Steep Slopes (includes downslope)</li> <li><u>3</u> Handling of Acid &amp; Toxic Materials</li> <li><u>1</u> Stabilization (rills and gullies)</li> </ol> <p><b>E. Excess Spoil Disposal</b></p> <ol style="list-style-type: none"> <li><u>3</u> Placement</li> <li><u>3</u> Drainage Control</li> <li><u>3</u> Surface Stabilization</li> <li><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><u>3</u> Drainage Control</li> <li><u>3</u> Surface Stabilization</li> <li><u>3</u> Placement</li> <li><u>3</u> Inspections and Certifications</li> <li><u>3</u> Impounding Structures</li> </ol> <p><b>G. Use of Explosives</b></p> <ol style="list-style-type: none"> <li><u>1</u> Blaster Certification</li> <li><u>1</u> Distance Prohibitions</li> <li><u>1</u> Blast Survey/Schedule</li> <li><u>1</u> Warnings &amp; Records</li> <li><u>1</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><u>1</u> Road Construction</li> <li><u>1</u> Certification</li> <li><u>1</u> Drainage</li> <li><u>1</u> Surfacing and Maintenance</li> <li><u>1</u> Reclamation</li> </ol> <p><b>J. Signs &amp; Markers</b></p> <ol style="list-style-type: none"> <li><u>1</u> Signs</li> <li><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><u>1</u> Vegetative Cover</li> <li><u>1</u> Timing</li> </ol> <p><b>M. <u>4</u> Postmining Land Use</b></p> <p><b>N. Other</b></p> <p>____ 1) _____</p> <p>____ 2) _____</p> |
|--|---|--|

File in:

- Confidential
- Shelf
- Expandable

Refer to Record No. 0006 Date \_\_\_\_\_  
In C/ 007, 018, Incoming  
For additional information \_\_\_\_\_ ed

**25. Inspection Frequency**

a. Date of Last State Complete Inspection **05/26/1998**

Frequency for previous 4 Calendar Qtrs.

b. Number of required complete inspections	<b>4</b>	Number of complete inspections conducted	<b>4</b>
c. Number of required partial inspections	<b>8</b>	Number of partial inspections conducted	<b>8</b>

**26. Inspection Hours**

<b>4.0</b>	a. Permit Review
<b>4.0</b>	b. Inspection Time
<b>6.0</b>	c. Travel Time
<b>2.0</b>	d. Report Writing

**27. Bonds**

<b>0.0</b>	a. Phase I released	<b>24.0</b>	b. Disturbed (Estimated)
<b>0.0</b>	c. Phase II released		
<b>0.0</b>	d. Phase III released		



U. S. DEPT. OF THE INTERIOR

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

Mine-Site Evaluation Inspection Report



Case # 10071018 #5

1. Permittee/Person <b>SOLDIER CREEK COAL CO.</b>		9. Permit Number <b>UT-007-018</b>	10. Type a. Permit <input type="checkbox"/> b. RA <input type="checkbox"/>
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3. City <b>WELLINGTON</b>	4. State <b>UT</b>	13. Joint Inspection <input type="checkbox"/> Y <input type="checkbox"/> Y/N	14. Permit Status <b>A</b>
5. Zip Code <b>84542</b>	6. Phone Number <b>435-448-6463</b>	15. Site Status <b>AP</b>	16. Facility Type <b>B</b>
7. Operator if Different than Permittee		17. OSM Office # <b>140</b>	18. RSI #
8. Mine Name <b>SOLDIER CANYON MINE</b>		19. Land Code <b>F</b>	20. M.S.H.A. ID # <b>42-00077</b>
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<b>A. Administrative</b> 1. <u>1</u> Mining within Valid Permit 2. <u>1</u> Mining within Bonded Area 3. <u>1</u> Terms & Conditions of Permit 4. <u>1</u> Liability Insurance 5. <u>1</u> Ownership and Control 6. <u>1</u> Temporary Cessation 7. <u>1</u> AML Rec. Fees -- Non-Respondent 8. <u>1</u> AML Rec. Fees -- Failure to Pay	<b>D. Backfilling &amp; Grading</b> 1. <u>1</u> Exposed Openings 2. <u>1</u> Contemporaneous Reclamation 3. <u>1</u> Approximate Original Contour 4. <u>4</u> Highwall Elimination 5. <u>1</u> Steep Slopes (includes downslope) 6. <u>3</u> Handling of Acid & Toxic Materials 7. <u>1</u> Stabilization (rills and gullies)	<b>H. <u>1</u> Subsidence Control Plan</b>
<b>B. Hydrologic Balance</b> 1. <u>1</u> Drainage Control 2. <u>1</u> Inspections & Certifications 3. <u>1</u> Siltation Structures 4. <u>1</u> Discharge Structures 5. <u>1</u> Diversions 6. <u>1</u> Effluent Limits 7. <u>1</u> Ground Water Monitoring 8. <u>1</u> Surface Water Monitoring 9. <u>3</u> Drainage -- Acid-Toxic Materials 10. <u>1</u> Impoundments 11. <u>1</u> Stream Buffer Zones	<b>E. Excess Spoil Disposal</b> 1. <u>3</u> Placement 2. <u>3</u> Drainage Control 3. <u>3</u> Surface Stabilization 4. <u>3</u> Inspections & Certifications	<b>I. Roads</b> 1. <u>1</u> Road Construction 2. <u>1</u> Certification 3. <u>1</u> Drainage 4. <u>1</u> Surfacing and Maintenance 5. <u>1</u> Reclamation
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	<b>G. Use of Explosives</b> 1. <u>1</u> Blaster Certification 2. <u>1</u> Distance Prohibitions 3. <u>1</u> Blast Survey/Schedule 4. <u>1</u> Warnings & Records 5. <u>1</u> Control of Adverse Effects	<b>K. <u>1</u> Distance Prohibitions</b>
		<b>L. Revegetation</b> 1. <u>1</u> Vegetative Cover 2. <u>1</u> Timing
		<b>M. <u>4</u> Postmining Land Use</b>
		<b>N. Other</b> 1) _____ 2) _____ 3) _____

25. Inspection Frequency

a. Date of Last State Complete Inspection: **05/26/1998**

Frequency for previous 4 Calendar Qtrs.

b. Number of required complete inspections: **4**      Number of complete inspections conducted: **4**

c. Number of required partial inspections: **8**      Number of partial inspections conducted: **8**

26. Inspection Hours

a. Permit Review: **4.0**

b. Inspection Time: **4.0**

c. Travel Time: **6.0**

d. Report Writing: **2.0**

27. Bonded Acres

a. Total bonded: **95.0**

b. Phase I released: **0.0**

c. Phase II released: **0.0**

d. Phase III released: **0.0**

28. Acres

a. Permitted: **5309.0**

b. Disturbed (Estimated): **24.0**

Page 1 of \_\_\_\_\_  
Revised September 24, 1997

# U. S. DEPT. OF THE INTERIOR

## OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

### Mine-Site Evaluation Inspection Report

Permit Number UT-007-018

Inspection Date 09/16/1998

#### 29. Identified Violation Data.

For all inspections and site visits, list violations observed or abated during the current inspection or subject of the current Federal follow-up actions.

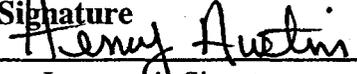
B Per. Std. Category	C Abated (Y/N)	D State Action	E Reason if Uncited	F Cause	G Seriousness		H Impact	I OSM Action	J OSM Action Number		K Optional
					PEO	Impact					
A. Specific State Law/Regulations Violated: _____ Description: _____											
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
A. Specific State Law/Regulations Violated: _____ Description: _____											
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
A. Specific State Law/Regulations Violated: _____ Description: _____											
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
A. Specific State Law/Regulations Violated: _____ Description: _____											
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
A. Specific State Law/Regulations Violated: _____ Description: _____											
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
A. Specific State Law/Regulations Violated: _____ Description: _____											
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
A. Specific State Law/Regulations Violated: _____ Description: _____											
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

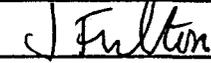
**I. OSM Action This Inspection**

- 1) Deferred to State Action
- 2) TDN Issued
- 3) NOV Issued
- 4) FTA-CO Issued
- 5) IH-CO Issued (Imminent Environmental Harm)
- 6) ID-CO Issued (Imminent Danger to Public)
- 7) Previously Cited by RA, Abatement Pending
- 8) Abated during or before OSM Inspection
- 9) Follow-up of Federal Action

**Small Business Regulatory Enforcement Fairness Act (SBREFA)  
Your Comments Are Important**

The Small Business and Agriculture Regulatory Enforcement Ombudsman and 10 Regional Fairness Boards were established to receive comments from small businesses about Federal agency enforcement actions. The Ombudsman will annually evaluate the enforcement activities and rate each agency's responsiveness to small business. If you are a small business (a business with 500 or fewer employees including those of affiliates) and, wish to comment on the enforcement or compliance activities of OSM call 1-888-REG-FAIR (1-888-734-3247).

**30. Signature**  
  
 Inspector's Signature  
**HENRY AUSTIN 10/2/98**  
 Inspector's Printed Name  
 31. OSM Inspector ID# **116**

Dated: 10/02/1998  
 Reviewing Official:   
 Review Date: 10/8/98

October 2, 1998

Canyon Fuel Company  
P. O. Box 1029  
Wellington, UT 84542

Soldier Canyon Mine  
Complete, joint, oversight inspection  
September 16, 1998

Participants:

Steve Nye, Canyon Fuel Co.  
Peter Hess, Utah Division of Oil, Gas & Mining (DOG M)  
Henry Austin, Office of Surface Mining

I participated in a complete, joint, oversight inspection of the Soldier Canyon Mine with the participants noted above. Weather conditions were hot and dry and ground conditions were dry throughout the areas inspected, which included all disturbed areas of the mine. The primary purpose of the inspection was to evaluate offsite impacts and reclamation success.

I reviewed permitting and inspection files in the DOGM Salt Lake City office on September 15, 1998, prior to the inspection. The review included: Water monitoring results through the 1<sup>st</sup> quarter of 1998 were available and documented 2 samples which exceeded maximum holding times. The permittee provided proper notification concerning the holding times and they did not appear significant. The annual report dated March 30, 1998, was available and included annual subsidence monitoring. Liability insurance document reviewed was current through July 31, 1999, and a July 15, 1998, letter from Canyon Fuel to DOGM provided current bonding documentation for all the Canyon Fuel operations in Utah. The Soldier Canyon Mine bond was issued by Liberty Mutual Insurance Co. in the amount of \$3,238,000, #14-000-068-0005-UT. Recent change of ownership at the Canyon Fuel Co. mines in Utah is described in an April 23, 1998, letter from Dorsey and Whitney LLP to DOGM. This concluded my records review.

Mr. Hess conducted a thorough records review at the mine to begin our inspection. The review included the 2<sup>nd</sup> quarter 1998 water monitoring which showed no discharge from the sediment pond or mine water discharge outfall. The NPDES permit is current through March 31, 2001. Sediment pond inspections were current through June 29, 1998, and did not indicate any problems. The topsoil stockpile expansion was approved on June 10, 1998. We also reviewed subsidence monitoring and mine development maps.

We inspected all disturbed areas of the mine as indicated above and made observations including the following: The REI storage area and adjacent topsoil stockpile were stable and showed little sign of erosion. The sediment pond embankment, inlets, and spillways were stable and functional.

Soldier Canyon Mine; pg. 2

The 1991 portals developed south and east of Soldier Creek were never utilized for coal production. The portals area and associated disturbance along Soldier Creek is very stable, well vegetated, with little erosion evident throughout the area. We inspected the former power substation and inactive fan housing. The mine water discharge outfall is also located in this area, there was no discharge during the inspection and it has not discharged for some time. Discharge history is captured in monthly DMR's, and other sampling, and has not been problematic. The substation has been removed to the Dugout Canyon Mine. This area has been well maintained and very little erosion is evident. We inspected the main facilities area including the coal stockpile area. Storage and maintenance areas are well maintained and ditches were clear and functional. Explosives storage and water tank area were inspected. The middle pad including the coal conveyor and power substation were inspected.

We drove to the topsoil storage area. DOGM approved expansion of the storage area as noted above to facilitate storage of soil material being salvaged from the Dugout Canyon Mine development. A perimeter berm has been established and is providing necessary protection. DOGM is currently reviewing a proposal to further expand the storage area to store soils from the Dugout Canyon Phase II development. This area seems well suited for this storage and no offsite impacts are anticipated in this area due to this increased activity. We inspected the fenced sewage lagoons and they are stable with no problems noted. This concluded the inspection.

Please address any questions concerning this report to Henry Austin at (303) 844-1466 or e-mail to [haustin@osmre.gov](mailto:haustin@osmre.gov)