

### 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

Open see p3 of inspect Narrative *month 8 file*  
 00/2018 #5



# U. S. DEPT. OF THE INTERIOR

## OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

### Mine-Site Evaluation Inspection Report



<p>1. Permittee/Person  <input type="text" value="Soldier Creek Coal Co"/></p> <p>2. Address  <input type="text" value="PO Box 11"/></p> <p>3. City  <input type="text" value="Princeton"/></p> <p>4. State  <input type="text" value="WV"/></p> <p>5. Zip Code  <input type="text" value="24501"/></p> <p>6. Phone Number  <input type="text" value="801-637-6360"/></p> <p>7. Operator if Different than Permittee  <input type="text"/></p> <p>8. Mine Name  <input type="text" value="Soldier Canyon"/></p>	<p>9. Permit Number  <input type="text" value="ACT 007 018"/></p> <p>10. Type          a. Permit <input type="text" value="AA"/> b. RA <input type="checkbox"/></p> <p>11. Inspection Date  <input type="text" value="12-03-92"/> <input type="text" value="C"/></p> <p>12. Inspection Type  <input type="text" value="C"/></p> <p>13. Joint Inspection  <input type="text" value="Y"/> Y/N</p> <p>14. Permit Status  <input type="text" value="A"/></p> <p>15. Site Status  <input type="text" value="B"/></p> <p>16. Facility Type  <input type="text" value="B"/></p> <p>17. OSM Office #  <input type="text" value="002"/></p> <p>18. RSI #  <input type="text" value="27"/></p> <p>19. Land Code  <input type="text"/></p> <p>20. M.S.H.A. ID #  <input type="text" value="42-00077"/></p> <p>21. State Code  <input type="text" value="WV"/></p> <p>22. County Code  <input type="text" value="007"/></p> <p>23. AVS Permittee Entity ID Number  <input type="text" value="089070"/></p>
---	--

### 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> <p>1. <input checked="" type="checkbox"/> Mining within Valid Permit</p> <p>2. <input checked="" type="checkbox"/> Mining within Bonded Area</p> <p>3. <input checked="" type="checkbox"/> Terms &amp; Conditions of Permit</p> <p>4. <input checked="" type="checkbox"/> Liability Insurance</p> <p>5. <input checked="" type="checkbox"/> Ownership and Control</p> <p>6. <input type="checkbox"/> Temporary Cessation</p> <p><b>B. Hydrologic Balance</b></p> <p>1. <input checked="" type="checkbox"/> Drainage Control</p> <p>2. <input checked="" type="checkbox"/> Inspections &amp; Certifications</p> <p>3. <input checked="" type="checkbox"/> Siltation Structures</p> <p>4. <input checked="" type="checkbox"/> Discharge Structures</p> <p>5. <input checked="" type="checkbox"/> Diversions</p> <p>6. <input checked="" type="checkbox"/> Effluent Limits</p> <p>7. <input checked="" type="checkbox"/> Ground Water Monitoring</p> <p>8. <input checked="" type="checkbox"/> Surface Water Monitoring</p> <p>9. <input checked="" type="checkbox"/> Drainage - Acid-Toxic Materials</p> <p>10. <input checked="" type="checkbox"/> Impoundments</p> <p>11. <input checked="" type="checkbox"/> Stream Buffer Zones</p> <p><b>C. Topsoil &amp; Subsoil</b></p> <p>1. <input checked="" type="checkbox"/> Removal</p> <p>2. <input checked="" type="checkbox"/> Substitute Materials</p> <p>3. <input checked="" type="checkbox"/> Storage and Protection</p> <p>4. <input checked="" type="checkbox"/> Redistribution</p>	<p><b>D. Backfilling &amp; Grading</b></p> <p>1. <input checked="" type="checkbox"/> Exposed Openings</p> <p>2. <input checked="" type="checkbox"/> Contemporaneous Reclamation</p> <p>3. <input checked="" type="checkbox"/> Approximate Original Contour</p> <p>4. <input checked="" type="checkbox"/> Highwall Elimination</p> <p>5. <input checked="" type="checkbox"/> Steep Slopes (includes downslope)</p> <p>6. <input checked="" type="checkbox"/> Handling of Acid &amp; Toxic Materials</p> <p>7. <input checked="" type="checkbox"/> Stabilization (rills and gullies)</p> <p><b>E. Excess Spoil Disposal</b></p> <p>1. <input checked="" type="checkbox"/> Placement</p> <p>2. <input checked="" type="checkbox"/> Drainage Control</p> <p>3. <input checked="" type="checkbox"/> Surface Stabilization</p> <p>4. <input checked="" type="checkbox"/> Inspections &amp; Certifications</p> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments)</b></p> <p>1. <input checked="" type="checkbox"/> Drainage Control</p> <p>2. <input checked="" type="checkbox"/> Surface Stabilization</p> <p>3. <input type="checkbox"/> Placement</p> <p>4. <input type="checkbox"/> Inspections and Certifications</p> <p>5. <input type="checkbox"/> Impounding Structures</p> <p><b>G. Use Of Explosives</b></p> <p>1. <input checked="" type="checkbox"/> Blaster Certification</p> <p>2. <input checked="" type="checkbox"/> Distance Prohibition</p> <p>3. <input checked="" type="checkbox"/> Blast Survey/Schedule</p> <p>4. <input checked="" type="checkbox"/> Warnings &amp; Records</p> <p>5. <input checked="" type="checkbox"/> Control of Adverse I</p>	<p><b>H. <input checked="" type="checkbox"/> Subsidence Control Plan</b></p> <p><b>I. Roads</b></p> <p>1. <input checked="" type="checkbox"/> Road Construction</p> <p>2. <input checked="" type="checkbox"/> Certification</p> <p>3. <input checked="" type="checkbox"/> Drainage</p> <p>4. <input checked="" type="checkbox"/> Surfacing and Maintenance</p> <p>5. <input type="checkbox"/> Reclamation</p> <p><b>J. Signs &amp; Markers</b></p> <p>1. <input checked="" type="checkbox"/> Signs</p> <p>2. <input checked="" type="checkbox"/> Markers</p> <p><b>K. <input checked="" type="checkbox"/> Distance Prohibitions</b></p> <p><b>L. Revegetation</b></p> <p>1. <input checked="" type="checkbox"/> Vegetative Cover</p> <p>2. <input checked="" type="checkbox"/> Timing</p> <p><b>M. <input checked="" type="checkbox"/> Postmining Land Use</b></p> <p><b>N. Other</b></p>
---	---	---

File in:  
 Confidential  
 Shelf  
 Expandable  
 Refer to Record No. 0004 Date \_\_\_\_\_  
 In C/ 007 , 018 , Incoming  
 For additional information \_\_\_\_\_

<p><b>25. Inspection Frequency</b></p> <p>a. Date of Last State Complete Inspection  <input type="text" value="11-28-92"/></p> <p>Frequency for previous 4 Calendar Qtrs.</p> <p>b. Number of required complete inspections  <input type="text" value="02"/></p> <p>Number of complete inspections conducted  <input type="text" value="03"/></p> <p>c. Number of required partial inspections  <input type="text" value="02"/></p> <p>Number of partial inspections conducted  <input type="text" value="03"/></p>	<p><b>26. Inspection Hours</b></p> <p>a. Permit Review  <input type="text" value="002.5"/></p> <p>b. Inspection Time  <input type="text" value="008.5"/></p> <p>c. Travel Time  <input type="text" value="010.0"/></p> <p>d. Report Writing  <input type="text" value="002.5"/></p>	<p><b>27. B</b></p> <p><input type="text" value="06958.5"/> bonded a. Permitted</p> <p><input type="text" value="00021.8"/> b. Disturbed (Estimated)</p> <p><input type="text" value="00000.0"/> b. Phase I released</p> <p><input type="text" value="00000.0"/> c. Phase II released</p> <p><input type="text" value="00000.0"/> d. Phase III released</p>
---	---	---

Open see p3 of inspect Narrative *unit 8 file*  
01/2018 #5



# U. S. DEPT. OF THE INTERIOR

## OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

### Mine-Site Evaluation Inspection Report



1. Permittee/Person <input type="text" value="Soldier Creek Coal Co"/>		9. Permit Number <input type="text" value="ACT 007 018"/>		10. Type a. Permit <input checked="" type="checkbox"/> b. RA <input type="checkbox"/>	
2. Address <input type="text" value="PO Box 11"/>		11. Inspection Date <input type="text" value="12-03-92"/> <small>MM DD YY</small>		12. Inspection Type <input type="text" value="C"/>	
3. City <input type="text" value="Princeton"/>		14. Permit Status <input type="text" value="A"/>		15. Site Status <input checked="" type="checkbox"/>	
4. State <input type="text" value="WV"/>		17. OSM Office # <input type="text" value="002"/>		18. RSI # <input type="text" value="27"/>	
5. Zip Code <input type="text" value="24501"/>		6. Phone Number <input type="text" value="801-637-6360"/>		19. Land Code <input type="text" value=""/>	
7. Operator if Different than Permittee <input type="text" value=""/>		20. M.S.H.A. ID # <input type="text" value="42-00077"/>		21. State Code <input type="text" value="WV"/>	
8. Mine Name <input type="text" value="Soldier Canyon"/>		23. AVS Permittee Entity ID Number <input type="text" value="089070"/>		22. County Code <input type="text" value="007"/>	

### 24. Performance Standard Categories

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

<b>A. Administrative</b> 1. <input checked="" type="checkbox"/> Mining within Valid Permit 2. <input checked="" type="checkbox"/> Mining within Bonded Area 3. <input checked="" type="checkbox"/> Terms & Conditions of Permit 4. <input checked="" type="checkbox"/> Liability Insurance 5. <input checked="" type="checkbox"/> Ownership and Control 6. <input type="checkbox"/> Temporary Cessation  <b>B. Hydrologic Balance</b> 1. <input checked="" type="checkbox"/> Drainage Control 2. <input checked="" type="checkbox"/> Inspections & Certifications 3. <input checked="" type="checkbox"/> Siltation Structures 4. <input checked="" type="checkbox"/> Discharge Structures 5. <input checked="" type="checkbox"/> Diversions 6. <input checked="" type="checkbox"/> Effluent Limits 7. <input checked="" type="checkbox"/> Ground Water Monitoring 8. <input checked="" type="checkbox"/> Surface Water Monitoring 9. <input checked="" type="checkbox"/> Drainage - Acid-Toxic Materials 10. <input checked="" type="checkbox"/> Impoundments 11. <input checked="" type="checkbox"/> Stream Buffer Zones  <b>C. Topsoil &amp; Subsoil</b> 1. <input checked="" type="checkbox"/> Removal 2. <input checked="" type="checkbox"/> Substitute Materials 3. <input checked="" type="checkbox"/> Storage and Protection 4. <input checked="" type="checkbox"/> Redistribution	<b>D. Backfilling &amp; Grading</b> 1. <input checked="" type="checkbox"/> Exposed Openings 2. <input checked="" type="checkbox"/> Contemporaneous Reclamation 3. <input checked="" type="checkbox"/> Approximate Original Contour 4. <input checked="" type="checkbox"/> Highwall Elimination 5. <input checked="" type="checkbox"/> Steep Slopes (includes downslope) 6. <input checked="" type="checkbox"/> Handling of Acid & Toxic Materials 7. <input checked="" type="checkbox"/> Stabilization (rills and gullies)  <b>E. Excess Spoil Disposal</b> 1. <input checked="" type="checkbox"/> Placement 2. <input checked="" type="checkbox"/> Drainage Control 3. <input checked="" type="checkbox"/> Surface Stabilization 4. <input checked="" type="checkbox"/> Inspections & Certifications  <b>F. Coal Mine Waste (Refuse Piles/Impoundments)</b> 1. <input checked="" type="checkbox"/> Drainage Control 2. <input type="checkbox"/> Surface Stabilization 3. <input type="checkbox"/> Placement 4. <input type="checkbox"/> Inspections and Certifications 5. <input type="checkbox"/> Impounding Structures  <b>G. Use Of Explosives</b> 1. <input checked="" type="checkbox"/> Blaster Certification 2. <input checked="" type="checkbox"/> Distance Prohibitions 3. <input checked="" type="checkbox"/> Blast Survey/Schedule 4. <input checked="" type="checkbox"/> Warnings & Records 5. <input checked="" type="checkbox"/> Control of Adverse Effects	<b>H. <input type="checkbox"/> Subsidence Control Plan</b>  <b>I. Roads</b> 1. <input type="checkbox"/> Road Construction 2. <input checked="" type="checkbox"/> Certification 3. <input checked="" type="checkbox"/> Drainage 4. <input checked="" type="checkbox"/> Surfacing and Maintenance 5. <input type="checkbox"/> Reclamation  <b>J. Signs &amp; Markers</b> 1. <input checked="" type="checkbox"/> Signs 2. <input checked="" type="checkbox"/> Markers  <b>K. <input type="checkbox"/> Distance Prohibitions</b>  <b>L. Revegetation</b> 1. <input type="checkbox"/> Vegetative Cover 2. <input checked="" type="checkbox"/> Timing  <b>M. <input type="checkbox"/> Postmining Land Use</b>  <b>N. Other</b> 1) _____ 2) _____ 3) _____
--	--	---

**25. Inspection Frequency**

a. Date of Last State Complete Inspection

Frequency for previous 4 Calendar Qtrs.

b. Number of required complete inspections  Number of complete inspections conducted

c. Number of required partial inspections  Number of partial inspections conducted

**26. Inspection Hours**

a. Permit Review

b. Inspection Time

c. Travel Time

d. Report Writing

**27. Bonded Acres**

a. Total bonded

b. Phase I released

c. Phase II released

d. Phase III released

**28. Acres**

a. Permitted

b. Disturbed (Estimated)

# U. S. DEPT. OF THE INTERIOR

## OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

### Mine-Site Evaluation Inspection Report

it ber ACT 007 018

Inspection Date 12-03-92

**Identified Violation Data.**

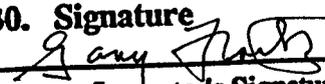
- list (only once) all violations;
- where State enforcement was required and taken during the LSCI, even if violation was terminated during or before this inspection (does not include violations that have been vacated);
  - recorded in the LSCI report but the State failed to take enforcement;
  - observed during this inspection which clearly existed during the LSCI but the State failed to take enforcement; or;
  - existing during this inspection which are not already listed under one of the categories above.

- AND/OR
- List all Federal actions issued this inspection;
  - List all Federal actions reviewed on this follow-up inspection.

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				
1. Specific State Law/Regulations Violated:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description:									<input type="checkbox"/>	<input type="checkbox"/>
2. Specific State Law/Regulations Violated:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description:									<input type="checkbox"/>	<input type="checkbox"/>
3. Specific State Law/Regulations Violated:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description:									<input type="checkbox"/>	<input type="checkbox"/>
4. Specific State Law/Regulations Violated:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description:									<input type="checkbox"/>	<input type="checkbox"/>
5. Specific State Law/Regulations Violated:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description:									<input type="checkbox"/>	<input type="checkbox"/>
6. Specific State Law/Regulations Violated:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description:									<input type="checkbox"/>	<input type="checkbox"/>
7. Specific State Law/Regulations Violated:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description:									<input type="checkbox"/>	<input type="checkbox"/>

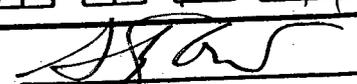
- |   |   |  |  |
|---|---|--|--|
| <p><b>D. State Action</b></p> <ol style="list-style-type: none"> <li>1) Existed on LSCI, Cited</li> <li>2) Existed on LSCI, Not Cited</li> <li>3) Cited Prior to LSCI, Abatement Pending</li> <li>4) Occurred Since LSCI</li> <li>5) N/A Federal Program</li> </ol> | <p><b>E. State's Reason for not Citing Violation</b></p> <ol style="list-style-type: none"> <li>1) Not a Violation</li> <li>2) Precluded by State Policy</li> <li>3) Not Included under State Program</li> <li>4) Warning Given in Lieu of a Citation</li> <li>5) Violation Not Recognized</li> <li>6) Practice Allowed under Approved Permit</li> <li>7) Too Minor to Cite</li> <li>8) Working with Operator to Correct</li> <li>9) Other</li> </ol> | <p><b>F. Cause</b></p> <ol style="list-style-type: none"> <li>1) Permit Defect</li> <li>2) Unusual Weather Conditions</li> <li>3) Unofficial Waiver</li> <li>4) Operator Negligence</li> <li>5) Other</li> </ol> | <p><b>G. Probability of Event Occurrence</b></p> <ol style="list-style-type: none"> <li>1) None or Unlikely</li> <li>2) Likely</li> <li>3) Occurred</li> </ol> |
|---|---|--|--|
- H. Impact**
- Damage Remains Within the Permit Area
- 1) None or Minor
  - 2) Moderate
  - 3) Considerable
- Damage Extends Beyond the Permit Area
- 4) None or Minor
  - 5) Moderate
  - 6) Considerable
- Obstruction to Enforcement
- 7) None or Minor
  - 8) Moderate
  - 9) Considerable

- 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

**30. Signature**  
  
 Inspector's Signature  
 Gary Fritz  
 Inspector's Printed Name

**31. OSM Inspector ID #**

Dated: 12-14-92 247

Reviewing Official: 

Review Date: 12-14-92

# CODE SHEET for the Mine Site Evaluation Inspection Report

Permit Type and RA — Item 10 a. Permit Type ..... IP = Interim Program, PP = Permanent Program, NP = No Permit  
 b. Regulatory Authority ... S = State Program, F = Federal Program

Inspection Type Codes — Item 12  
 ..... Complete Random Sample  
 ..... Complete Other Inspection  
 ..... Federal Complete Inspection  
 ..... Federal Partial Inspection

FF ..... Federal NOV and/or CO Follow-up  
 CC ..... Citizen Complaint  
 CCF ..... Citizen Complaint Follow-up  
 DR ..... Document Review  
 RF ..... Reclamation Fees

SOx ..... Other  
 1 ..... Bond Release Review  
 2 ..... Bond Forfeiture Review  
 OFx ..... Other Follow-up  
 1 ..... State Enforcement Follow-up  
 2 ..... Ten-Day Notice Follow-up

Joint Inspection — Item 13 A joint inspection is when a state inspector accompanies an OSM inspector any time during the review of the mine site.

Permit Status — Item 14

Active: Coal mining and reclamation activities occurring or permitted but not disturbed.  
 Inactive (Permanent Program Permit): Phase II completed or state counterpart to 30 CFR 840.11(f).  
 (Interim Program Permit): Coal mining completed and reclamation activities initiated.

NA Not Applicable: When site is unpermitted.  
 BR Bond Release: Reclamation completed and State Regulatory Authority (RA) has released all of the bond (Phase III Release).  
 AB Abandoned: All surface and underground coal mining activities have ceased and operator has left the site without completing reclamation as stated in 30 CFR 840.11(f).  
 BF Bond Forfeiture: Permittee rights terminated, permit revoked, and/or bond funds collected.

Site Status Codes — Item 15

D No Disturbance: No coal mining and reclamation operations have been started.  
 X Coal Exploration: Coal exploration operations have started and where coal mining operations have not begun.  
 AP Active Coal Producing: Coal surface mining activities are occurring.  
 AN Active Non-Producing: Active non-producing facility such as tippie or preparation plant.  
 NM No Mining: The Permit Status is active, site is not in Temporary Cessation, no surface coal mining activity, and site not regraded.

MC Mining Complete: No mining activity on site, site regraded and awaiting phase bond release.  
 TC Temporary Cessation: The RA has granted cessation of mining pursuant to 30 CFR 816/817.131(b).  
 P1 Phase I Release: At least Phase I bond release granted for entire permitted area. For interim permits, partial bond release.  
 P2 Phase II Release: At least Phase II bond release for the entire permitted area.  
 P3 Phase III Release: Reclamation completed and the RA has released all bond.

FP Forfeiture Pending: The RA is pursuing actions to revoke the permit, collect the performance bond(s), and/or reclamation of forfeited site is in progress.  
 FR Forfeited and Reclaimed: Forfeiture reclamation completed.  
 WC Wildcat: Coal mining and reclamation operations have or are taking place and the activity is not covered by the required permits from the RA.

Facility Type Codes — Item 16

A ..... Surface  
 B ..... Underground  
 C ..... Preparation Plant

D ..... Ancillary (Haulroad, Conveyor, and/or Rails)  
 E ..... Refuse and/or Impoundment  
 F ..... Loading Facility and/or Tippie  
 G ..... Stockpiles

H ..... Exploration Permits  
 I ..... Notice of Intent to Explore  
 J ..... Exempt 16 and 2/3  
 K ..... Government Financed Construction Exemption

Land Code -- Item 19

S ..... State/Private Lands  
 F ..... Federal Lands  
 I ..... Indian Lands

## Performance Standard Categories -- Item 24 30 CFR Counterpart

<p><b>A. Administrative</b> ..... 773.11</p> <p>1. Valid Permit ..... 773.11                  2. Mining within Bonded Area ..... 773.17                  3. Terms &amp; Conditions of Permit ..... 800.60                  4. Liability Insurance ..... 778.13                  5. Ownership and Control ..... 842.11(c) &amp; 816/817.131                  6. Temporary Cessation ..... (816/817.41-57)</p> <p><b>B. Hydrologic Balance</b> ..... 45</p> <p>1. Drainage Control ..... 49(a)(10)                  2. Inspections &amp; Certifications ..... 46                  3. Siltation Structures ..... 47                  4. Discharge Structures ..... 43                  5. Diversions ..... 42                  6. Effluent Limits ..... 41(c)                  7. Ground Water Monitoring ..... 41(e)                  8. Surface Water Monitoring ..... 41(f)                  9. Drainage-Acid - Toxic Materials ..... 49                  10. Impoundments ..... 57                  11. Stream Buffer Zones ..... (816/817.22)</p> <p><b>C. Topsoil &amp; Subsoil</b> ..... 22(a)</p> <p>1. Removal ..... 22(c)                  2. Substitute Materials ..... 22(c)                  3. Storage and Protection ..... 22(d)                  4. Redistribution ..... (816/817.95-107)</p> <p><b>D. Backfilling &amp; Grading</b> ..... 816/817.13, 14, 15, &amp; 823.11 &amp; 21</p> <p>1. Exposed Openings ..... 100                  2. Contemporaneous Reclamation ..... 102(a)(1)                  3. Approximate Original Contour ..... 102(a)(2)                  4. Highwall Elimination ..... 107                  5. Steep Slopes (includes downslope) ..... 102(c)                  6. Handling of Acid &amp; Toxic Materials ..... 95(b)                  7. Stabilization (rills and gullies) .....</p>	<p><b>E. Excess Spoil Disposal</b> ..... (816/817.71-74)</p> <p>1. Placement ..... 71(e)                  2. Drainage Control ..... 71(f)                  3. Surface Stabilization ..... 71(g)                  4. Inspections &amp; Certifications ..... 71(h)</p> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments)</b> .. (816/817.81-84)</p> <p>1. Drainage Control ..... 83(a)                  2. Surface Stabilization ..... 83(b)                  3. Placement ..... 83(c)                  4. Inspections and Certifications ..... 83(d)                  5. Impounding Structures ..... 84</p> <p><b>G. Use Of Explosives</b> ..... (816/817.61-68)</p> <p>1. Blaster Certification ..... 61(c)                  2. Distance Prohibitions ..... 61(d)                  3. Blast Survey/Schedule ..... 62-64                  4. Warnings &amp; Records ..... 66 &amp; 68                  5. Control of Adverse Effects ..... 67</p> <p><b>H. Subsidence Control Plan</b> ..... (817.121-122)</p> <p><b>I. Roads</b> ..... (816/817.150-151)</p> <p>1. Road Construction ..... 150(c)                  2. Certification ..... 151(a)                  3. Drainage ..... 150(b)-151(d)                  4. Surfacing and Maintenance ..... 150(c)-151(d)                  5. Reclamation ..... 150(f)</p> <p><b>J. Signs &amp; Markers</b> ..... (816/817.11)</p> <p>1. Signs ..... 11(a),(b),(c)                  2. Markers ..... 11(a),(b),(d),(c),(f)</p> <p><b>K. Distance Prohibitions</b> ..... (76L11)</p> <p><b>L. Revegetation</b> ..... (816/817.111-116)</p> <p>1. Vegetative Cover ..... 111 &amp; 116                  2. Timing ..... 113</p> <p><b>M. Postmining Land Use</b> ..... (816/817.133)</p>
--	---

December 3, 1992

Soldier Creek Coal Co  
PO Box 1  
Price, Utah

Soldier Creek mine

Personnel Present During the Inspection:

Tom Paluso, Soldier Creek Coal  
Steve Demziak, Utah Division of Oil, Gas, & Mining  
Wayne Western, Utah Division of Oil, Gas, & Mining  
Gary Fritz Office of Surface Mining\Albuquerque Field Office #244

Weather and Ground Conditions During the Inspection:

Cool, cloudy and dry with a light skiff of snow on the shaded areas of the mine

GENERAL COMMENTS

This was a complete oversight inspection. The Utah Division of Oil, Gas & Mining was notified regarding my schedule. They were able to meet me at the mine to conduct a joint inspection.

There were no outstanding State violations prior to this inspection nor were there any initiated following our inspection. There was no federal enforcement action taken either.

Coal was being made during the inspection. At the present time, there are three feasible seams of coal on the property but only two are being worked. Both the No. 1 and No. 2 exhaust fans were up and running. Mine water was being discharged into Soldier Creek at a rate of 650 gallons per minute from the permitted discharge point near the the No. 2 fan. Pillars were being removed from a block in one of the mines for the coal produced during the shift while we were inspecting the mine. Mine run coal was being truck hauled from this area by subcontractor to the mine company's loadout which is permitted by the State as a separate facility.

Three portals are set into the unworked third seam on the west facing side of the canyon which is on the opposite side of the canyon across from the active works. There are no beltlines set up on the new mine opening at this time. A location for the No. 3 fan has been selected, the area was roughed out and drilled under an exploration permit. The disturbed area where the exploration was done has been hydromulched and bermed for containment. Plans are drawn up and approved for additional coal storage and a wash plant on the mine.

The parent company for the mine is trying to sell its coal holdings in the west which includes this operation. They have a contract for the coal from the mine.

Mining at this time is done with conventional miners. Plans for a longwall operation have also been set up for the mine but are not being pursued at this time due to the possibility of a transfer of ownership. A group of people were on the mine from one of the prospective buyers during the

inspection.

Methane gas is produced from the coal in volumes sufficient to warrant degas wells above the workings. At the present, that part of the mining operation is owned and operated by another company. Mr. Paluso said that the mining company was thinking about buying the business but they do not have anything to do with them at this time. If the mines go longwall, the degas operation will have to be expanded.

Disturbed area water on the mine is handled very well. Most of it is picked up in a series of conduits and yard troughs that minimize the contact with traffic through the yard areas. All channels through the mine were covered and clean. Water from those areas is directed into their main sediment pond which is near the lower end of the mine. The pond has two drop inlets, one is designed for the primary spillway with a drawdown gate valve, the other is to serve as the emergency spillway. There is very little water in the pond. Apparently they have had very few discharges in the past from this structure.

The comment was made that the 30 inch bypass culvert in the western branch of the main canyon was temporarily repaired lately because a couple of the footers had dropped. The pipe was shored up and the pipe was repaired to keep it from leaking. This should be watched to be sure the pipe does not leak.

They have a sewage lagoon for water treatment from the showers and restrooms. That area was inspected for seeps or unauthorized discharges. None were found.

The rock disposal/soil storage area from the mine No. 3 expansion is also down drainage from the mine. This is an isolated area about a mile below the mine that is about three acres in size, which is a temporary storage site for rock and subsoils, as well as topsoil that were segregated during the recent construction of the new portals. A berm is built below the storage area for drainage control. The soils piles have been broadcast seeded with a temporary cover mix. The comment was made that the piles should have more cover but Mr. Paluso said that the seed mix would take hold better during the next growing season. The area should be watched, if the mix does not produce better cover in the upcoming season, the area should be reseeded. I would suggest that it be drill seeded the next time. I also did not see a lot of mulch on the area, if that is a requirement of the planting plan, I would suggest that it be tacked down in the future.

Enroute to the temporary rock storage site, the comment was made that an above ground rescue training site was noted on the west side of the county road below the mine. I asked Mr. Paluso if it was still in use, his comment was that he did not think so. If it is not, the roof bolts should be removed from the field.

They have a proposed processing waste disposal area. It has been permitted but is yet to be disturbed. Monitoring wells have been put in below the area for background data but to date there is no disturbance.

Undisturbed area water from above the mine in Soldier Creek and the western fork of the canyon feeding into the creek is carried under some of the area in a series of culverts. The main drainage above the mine was frozen but it appeared as though there was less than ten gallons per minute flowing from above, into the underpass. There was no flow coming in from the western branch of the canyon.

The powder magazines are located at the head of the disturbance in the western branch canyon. They were locked and the area surrounding them was

clear of debris. Below that, there is the No. 1 fan exhaust and an intake slope for one of the mines. There was a small storage area located near there that had belting and some machine parts. The storage area was organized and clear of potential petrochemical spills.

Fuel storage on the mine has been moved above ground within a concrete containment structure. The drain on the containment area was open, the comment was made that it would be closed. It should be checked for compliance. ✓

The "storage shed"\rock dust bin pad was checked for drainage control and materials handling. There were six fifty gallon drums setting on the east side of the "shed" that were being used for petrochemical storage. As to the contents, some were labeled and some were not. The comment was made that they would be moved under roof and put on a skid to keep them off of the ground to protect the bottoms from further deterioration. They also should be checked for material content and labeled as such, waste materials should be disposed of in an approved manner. Another barrel was noted in the open, in the cribbing storage yard near the intake rock slope. A note was made to move it also. A comment was made about PCB transformer identification on the mine. Of the stations noted and pole mounted units, only three were in question. They were located just above the intake portal in the western branch of the canyon. Mr. Paluso said that he would check further to see about labeling. ↙

Surface and ground water monitoring stations were randomly checked. Of the monitoring wells on the mine, I checked three below the mine, all were locked and being maintained. Questions were asked regarding field monitoring and the equipment use was checked for procedural use. I would comment that the depth to water monitoring technique may be questionable since Mr. Paluso uses a sounding method as opposed to electronic reporting. He has something attached to the end of a measure that is dropped in the well until he hears it hit the water. From the report of the splash, in addition to moving the tape up and down, he is able to measure the depth of the water from the case mouth of the well. I have seen other mine operators use this method but commented then, as I do now, that I feel that it would be better to use an "M" scope for the measurement. This is an electronic sensing unit that is dropped into the well which measures contact with water through a whetstone bridge. Apparently they have one on the mine but it is not in use. As to the surface water measurements, they use a standard pH\conductivity meter which is calibrated as well as being standardized for water temperature and buffer solutions. For stream flows, they use a pygmy meter as well as a computerized mine water recorder. Sample handling and preservation for lab analysis appears to be consistent with EPA guidelines. The comment was made that stream sampling stations should be marked on the ground for reference. Mr. Paluso said that he would look into it.

The following comments address the file review. Records are on file at the minesite. The mine permit, ACT\007\018 expires February 3, 1997. Their NPDES permit, UT-0023680, is effective until March 31, 1996 for 7 points which include 3 mine water discharges. They report on a monthly basis for the discharge points, no exceptions to the standards noted for the past year. Monitoring records for surface and ground water mine permit requirements were up to date and were being done for the elements noted in the mine plan for the periods as assigned. Their certificate of public liability insurance, policy number TLJSLG-186T908, was issued by the Travelers Indemity Company to the Sun Oil Co, and its subsidiaries to include coverage for the mine, the mine is listed on the policy. The limits of coverage are above the required minimum for the areas of coverage. Pond self inspections were completed August 31, 1992 for the most current quarter requirement. Eight ASCAs were noted in the mine plan,

field review found no problem with the alternate sediment control for those areas. There are no haul roads on the mine. Immediate access from there is onto the county road. Therefore, no certifications for the roads within the mine interior of the mine are needed. The as-built certification for the construction of the sediment pond is dated December 10, 1991.

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT  
RANDOM SAMPLE MEIR SUPPLEMENT

1. Permittee Soldier Creek Coal Co 5. Days since Last State Complete Inspection (LSCI) 7  
 2. Permit Number ACT 007 018 6. Block 25 Categories in NON-COMPLIANCE this RSI 0  
 3. Joint Inspection | Y Y/N 4. Date 12-8-92 7. Total Violations this RSI 0

\*\*\*\*\*

8. List (only once) all violations:

- 1) where State enforcement was required and taken during the LSCI;
- 2) recorded in the LSCI report but the State failed to take enforcement;
- 3) observed during this RSI which clearly existed during the LSCI but the State failed to take enforcement; and
- 4) existing during this RSI which are not already listed under one of the categories above.

	A SPECIFIC STATE LAW/REGULATION VIOLATED	B BLOCK 25 CATEGORY	C ABATED (Y/N)	D STATE ACTION	E REASON IF UNCITED	F CAUSE	G SERIOUSNESS PEO	H IMPACT	I OSMRE ACTION	J OPTIONAL	K
1.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
2.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
3.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
4.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
5.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
6.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
7.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
8.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
9.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										
10.	____/____/____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Description: _____										

- STATE ACTION**
- 1) Existed on LSCI, cited
  - 2) Existed on LSCI, not cited
  - 3) Cited Prior to LSCI, Abatement Pending
  - 4) Occurred since LSCI
  - 5) Permit defect

- STATE'S REASON FOR NOT CITING VIOLATION (AFTER DISCUSSION WITH THE STATE)**
- 1) Not a Violation
  - 2) Precluded by State Policy
  - 3) Not Included under State Program
  - 4) Warning given in lieu of a Citation
  - 5) Violation not recognized (missed)
  - 6) Practice allowed under approved Permit
  - 7) Too minor to cite
  - 8) Working with Operator to Correct
  - 9) Other: \_\_\_\_\_

- CAUSES**
- 1) Permit Defect
  - 2) Unusual Weather Conditions
  - 3) Unofficial Waiver
  - 4) Operator Negligence
  - 5) Other: \_\_\_\_\_

- PROBABILITY OF EVENT OCCURRENCE**
- 1) None or Unlikely
  - 2) Likely
  - 3) Occurred

- IMPACT**
- Damage Remains Within the Permit Area**
- 1) None or Minor
  - 2) Moderate
  - 3) Considerable
- Damage Extends Beyond the Permit Area**
- 4) None or Minor
  - 5) Moderate
  - 6) Considerable
- Obstruction to Enforcement**
- 7) None or Minor
  - 8) Moderate
  - 9) Considerable

- OSMRE ACTION**
- 1) Deferred to State Action
  - 2) TDN issued
  - 3) IH-CO issued
  - 4) Previously Cited, Abatement Pending
  - 5) Abated during or before OSMRE Inspection
  - 6) TDN issued
  - 7) TDN issued for Permit Defect