

**2007 ANNUAL REPORT  
TO THE  
UTAH DIVISION OF OIL, GAS AND MINING**

**SOLDIER CANYON MINE  
C/007/018**

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

File in:

- Confidential
- Shelf
- Expandable

Refer to Record No 0003, Date 05/23/2008  
In C 0070018, 2008, Incoming  
For additional information

To enter text, click in the box and type your response. If a box already contains an entry select the entry and type the replacement. You can use the **tab** key to move from one field to the next. To select a check box, click in the box or type an x.

**GENERAL INFORMATION**

Permitte Name	Canyon Fuel Company, LLC
Mine Name	Soldier Canyon Mine
Operator Name (If other then permittee)	
Permit Expiration Date	February 3, 2012
Permit Number	C/007/018
Authorized Representative Title	Erwin Sass
Phone Number	(435) 637-6360
Fax Number	(435) 636-2897
E-mail Address	esass@archcoal.com
Mailing Address	PO Box 1029, Wellington, UT 84542
Designated Representative	
Resident Agent	C.T. Corporation Systems
Resident Agent Mailing Address	50 West Broadway, Salt Lake City, UT 84104
Number of Binders Submitted	(1) One Binder, Two Copies

**IDENTIFICATION OF OTHER PERMITS**

Identify other permits that are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expiration Date
MSHA Mine ID(s)	42-00077		N/A
MSHA Impoundment(s)	N/A		
NPDES/UPDES Permit(s)	UT 0023680	UPDES Discharge Permit	March 31, 2011
PSD Permit(s) (Air)	DAQE-334-94	Air Quality Permit	N/A
<b>Other</b>			
Storm Water Permit	UTR000574	Storm Water Discharge Permit	December 31, 2011

File in:

- Confidential
- Shelf
- Expandable

Refer to Record No. 0003 Date 05/23/2008  
 In C 0070018, 2008, Summing  
 For additional information

**CERTIFIED REPORTS**

List the certified inspection reports as required by the rules and under the approved plan that must be periodically submitted to the Division. Specify whether the information is included as Appendix A to this report or currently on file with the Division.

Certified Reports:	Required		Included or on file with DOGM		Comments
	Yes	No	Included	On File	
Excess Spoil Piles	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Refuse Piles	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Impoundments	X	<input type="checkbox"/>	X	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**REPORTING OF OTHER TECHNICAL DATA**

List other technical data and information as required under the approved plan, which must be periodically submitted to the Division. Specify whether the information is included as Appendix B to this report or currently on file with the Division.

Technical Data:	Required		Included or on file with DOGM		Comments
	Yes	No	Included	On file	
Climatological	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Subsidence Monitoring	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Vegetation Monitoring	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Raptor Survey	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Soils Monitoring	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
First quarter	X	<input type="checkbox"/>	<input type="checkbox"/>	X	
Second quarter	X	<input type="checkbox"/>	<input type="checkbox"/>	X	
Third quarter	X	<input type="checkbox"/>	<input type="checkbox"/>	X	
Fourth quarter	X	<input type="checkbox"/>	<input type="checkbox"/>	X	
Geological / Geophysical	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Engineering	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Non Coal Waste / Abandoned Underground Equipment*	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	
Other Data	<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"/>	<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"/>	

\*Reminder: If equipment has been abandoned during 2007, an amendment must be submitted that includes a map showing its location, a description of what was abandoned, whether there were any hazardous or toxic materials and any revision to the PHC as necessary.





**APPENDIX A**

**Certified Reports**

Excess Spoil Piles  
Refuse Piles  
Impoundments

As required under R645-301-514

**CONTENTS**

**2007 CERTIFIED IMPOUNDMENT REPORT**

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	ACT/007/018	Report Date	08/02/07
Mine Name	Soldier Canyon Mine		
Company Name	Canyon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Surface Facility Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UT0023680	
	MSHA ID Number	Impoundment - None (Mine - 42-00077)	
IMPOUNDMENT INSPECTION			
Inspection Date	07/27/07		
Inspected By	David G. Spillman		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection & Annual Certification		
<p><b>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</b></p> <p><i>There were no signs of instability, structural weakness or other hazardous conditions observed at the sedimentation pond.</i></p> <p><i>Scouring and erosion of the Soldier Creek channel continues to occur adjacent to the incised pond. This has been the case since pond construction. This erosion has under cut one of the two 18 inch spillway outlet culverts. Sufficient support has now been removed from beneath the outlet portion of the CMP, to the extent, that it has now deformed in a downward direction. Maintenance work at this outlet is now required.</i></p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></p> <p><i>Sediment Storage Capacity (as designed) - 100% = 1.47 acre-feet @ an elevation of 6,649.5 feet</i></p> <p><i>- 60% = 0.88 acre-feet @ an elevation of 6,647.5 feet</i></p> <p><i>The existing sediment level was observed to be well below the established clean-out elevation.</i></p>		
	<p><b>3. Principle and emergency spillway elevations.</b></p> <p><i>Principal Spillway Elevation - 6,654.5 feet</i></p> <p><i>Emergency Spillway Elevation - 6,654.5 feet</i></p>		
<p><b>4. Field Information.</b> 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.</p> <p><i>At the time of the inspection, only a small volume of water was observed at the southern end of the pond. There has been no discharge from the pond during 2007.</i></p> <p><i>Inlet Culvert Maintenance - During snow melt conditions earlier this year, a modest amount of runoff water was observed flowing from beneath the 24 inch inlet culvert (just prior to the CMP outlet). It was determined that this culvert was corroded and beginning to leak. Therefore, Nielson Construction was contracted to replace the failing portion of the 24 inch CMP. This work was satisfactorily completed on February 21, 2007.</i></p>			

3. **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.

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

**CERTIFIED REPORT**

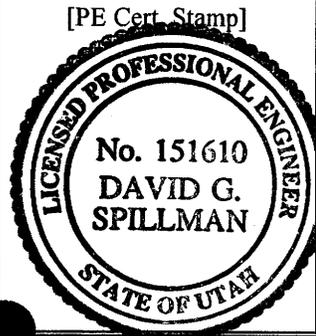
**IMPOUNDMENT EVALUATION (If NO, explain under Comments)**

	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

**COMMENTS AND OTHER INFORMATION**

**Certification Statement:**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify 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 or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.



By: David G. Spillman, Technical Services Manager  
(Full Name and Title)

Signature: David G. Spillman Date: 08/02/07

P.E. Number & State: No. 151610, State of Utah

**APPENDIX B**

**Reporting of Technical Data**

Including monitoring data, reports, maps, and other information  
As required under the approved plan or as required by the Division

In accordance with the requirement of R645-310-130 and R645-301-140

**CONTENTS**

Not Applicable

**APPENDIX C**

**Legal Financial, Compliance and Related Information**

Annual Report of Officers  
As submitted to the Utah Department of Commerce

Other change in ownership and control information  
As required under R645-301-110

**CONTENTS**

REFER TO THE GENERAL CHAPTER ONE

**APPENDIX D**

**Mine Maps**

As required under R645-302-525-270

**CONTENTS**

NO MINING IN 2007

**APPENDIX E**

**Other Information**

In accordance with the requirements of R645-301 and R645-302

**CONTENTS**

Not Applicable