

**Canyon Fuel Company, LLC****Skyline Mines**

HC 35 Box 380

Helper, Utah 84526

(435) 448-6463 Fax: (435) 448-2632

September 19, 2005

Mr. D. Wayne Hedberg  
Permit Supervisor  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

*Incoming*  
*9/20/05*

RE: Submittal of Clean Copies per Conditional Approval Request, Canyon Fuel Company, LLC, Skyline Mine, C/007/005, Response to Task ID #2290

Dear Mr. Hedberg:

Please find enclosed with this letter Skyline Mine's submittal that includes completed C1 and C2 forms, and seven (7) clean copies of Table 2.3.7-1 located on pages 2-36, 2-36a, and 2-36b.

We at Skyline Mine, appreciate your approval of this application. If you have any questions, please call me at (435) 448-2636.

Sincerely,

Gregg A. Galecki  
Environmental Coordinator, Skyline Mine  
Canyon Fuel Company, LLC

enclosures

RECEIVED

SEP 26 2005

DIV. OF OIL, GAS &amp; MINING

# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

Permittee: Canyon Fuel Company, LLC

Mine: Skyline Mine

Permit Number: C/007/005

Title: Revise Water Monitoring Table

Description, Include reason for application and timing required to implement:

Clean copies of revised Table 2.3.7-1.

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes  No 1. Change in the size of the Permit Area? Acres: \_\_\_\_\_ Disturbed Area: \_\_\_\_\_  increase  decrease.
- Yes  No 2. Is the application submitted as a result of a Division Order? DO# \_\_\_\_\_
- Yes  No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes  No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes  No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes  No 6. Does the application require or include public notice publication?
- Yes  No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes  No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes  No 9. Is the application submitted as a result of a Violation? NOV # \_\_\_\_\_
- Yes  No 10. Is the application submitted as a result of other laws or regulations or policies?

*Explain:* \_\_\_\_\_

- Yes  No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes  No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes  No 13. Does the application require or include collection and reporting of any baseline information?
- Yes  No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes  No 15. Does the application require or include soil removal, storage or placement?
- Yes  No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes  No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes  No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes  No 19. Does the application require or include certified designs, maps or calculation?
- Yes  No 20. Does the application require or include subsidence control or monitoring?
- Yes  No 21. Have reclamation costs for bonding been provided?
- Yes  No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes  No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

**Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you.** (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

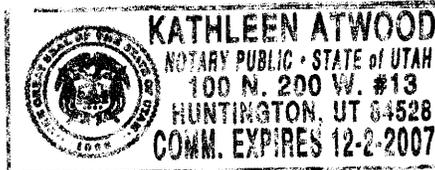
Wesley K Sorensen  
Print Name

Wesley K Sorensen 9/19/05  
Sign Name, Position, Date  
General Manager

Subscribed and sworn to before me this 19 day of Sept., 2005

Kathleen Atwood  
Notary Public

My commission Expires: \_\_\_\_\_  
Attest: State of Utah ) ss:  
County of Carbon



**For Office Use Only:**

Assigned Tracking Number:

Received by Oil, Gas & Mining

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Table 2.3.7-1  
 Comprehensive Water Quality Analytical Schedule  
 (Surface and Ground Water Stations)

<u>Streams</u>	<u>Protocol</u>	<u>Comments</u>
CS-1	A 12	
CS-3	A 1, 2, 6, 7	
CS-4	A 1, 2, 6, 7	
CS-6	A' 1, 2, 3, 6, 7, 10	
CS-7 (F-5)	A 12	
CS-8	A 12	
CS-9	A 1, 2, 6, 7	
CS-10	A 12	
CS-11	A 1, 2, 6, 7	
CS-12	A' 1, 2, 3, 6, 7	
CS-13	A' 1, 2, 3, 6, 7	
CS-14	A' 1, 2, 3, 6, 7	
CS-15	A 13	
CS-16	A 12	
CS-17	A 12	
CS-18	A 12	
CS-19	A 1, 2	
CS-20	A 1, 2	
CS-21	A 1, 2	
CS-22	D 11	
CS-23	D 11	
MD-1	A' 1, 2, (Mine discharge - CS-12 and CS-14 combined)	
SRD-1	B (Same as MD-1)	
F-9	C 12	
F-10	A 1, 2 and C	
UP&L-10	A 1, 2	
VC-6	A' 1, 2, 3, 6, 7, 9	
VC-9	A' 1, 2, 3, 6, 7, 8, 9	Flow is sum of CS-6 and CS13
VC10	A' 12	
VC11	D 10	
VC12	D 10	
MC-1	A' 4	
MC-2	A' 4	
MC-3	A' 4	
MC-4	A' 4	
MC-5	A' 4	
MC-6	A' 4	
NL-1	F 12	North Lease Subsidence Points
NL-2	F 12	North Lease Subsidence Points
NL-3	F 12	North Lease Subsidence Points
NL-4	F 12	North Lease Subsidence Points
NL-5	F 12	North Lease Subsidence Points
NL-6	F 12	North Lease Subsidence Points
NL-7	F 12	North Lease Subsidence Points
NL-8	F 12	North Lease Subsidence Points
NL-9	F 12	North Lease Subsidence Points
WRDS #1	A 1, 2, 6, 7	
WRDS #2	A 1, 2, 6, 7	
WRDS #3	A 1, 2, 6, 7	
WRDS #4	A 1, 2, 6, 7	
EL-1	A 13	
EL-2	A 13	Sample spring, summer, and fall for 3 years beginning in 2004

Table 2.3.7-1 (cont.)  
 Comprehensive Water Quality Analytical Schedule  
 (Surface and Ground Water Stations)

<u>Springs</u>	<u>Protocol</u>	<u>Comments</u>
S10-1	A 1, 2	
S12-1	A 1, 2	
S13-2	A 12	
S13-7	A 1, 2	
S14-4	A 12	
S15-3	A 12, 13 (13 - spring and fall for 3 years starting in 2004)	
S17-2	A 1, 2	
S22-5	A 12	
S22-11	A 12	
S23-4	A 12	
S24-1 Sulfur Spring	A 1, 2, 13 (13 - spring and fall for 3 years starting in 2004)	
S24-12	A 12	
S26-13	A 12	
S34-12	A 12	
S35-8	A 12	
S36-12	A 12	
2-413	A 12, 13 (13 - spring and fall for 3 years starting in 2004)	
3-290	A 12	
8-253	G 13	Sampled spring and fall for 3 years starting in 2004
WQ1-39	A 1, 2	
WQ3-6	A 1, 2	
WQ3-26	A 1, 2	
WQ3-41	A 1, 2	
WQ3-43	A 1, 2	
WQ4-12	A 1, 2	
<u>Wells</u>		
JC-1	A 5 and B	
JC-3	A 4 and B	
ELD-1	B	(JC-1 and JC-3 combined)
W79-10-1B	E 11	
W79-14-2A	E 11	
W79-26-1	E 11	
W79-35-1A	E 11	
W79-35-1B	E 11	
W2-1 (98-2-1)	E 11	
W20-4-1	E 11	
W20-4-2	E 11	
W99-4-1	E 11	
W99-21-1	E 11	
W99-28-1	E 11	
W20-28-1	E 11	
91-26-1	E 11	
91-35-1	E 11	

Table 2.3.7-1 (cont.)  
Comprehensive Water Quality Analytical Schedule  
(Surface and Ground Water Stations)

**Field and Laboratory Measurement Protocol**

**Water Level and Flow Measurements**

- A Stream and Springs: high spring (April - June), low summer flow (August - September), and late fall (October - November)
- A' Stream and Springs: winter season (December - February) monitoring included
- B Stream, Springs, and Wells: monthly discharge measurements, reported in first 7 days following end of month
- C Stream and Springs: monthly flows when accessible.
- D Stream: seasonal discharge measurements (April - June, August - September, October - November)
- E Monitoring well: seasonal water level measurement (April - June, August - September, October - November)
- F Streams: monthly flows June through October, earlier and later if accessible. To be monitored one year prior to, during, and one year following undermining.
- G Springs: high spring and late fall sampling

**Water Quality**

- 1 High spring and late fall (April - June and October - November) water quality field and operational laboratory measurements
- 2 Low summer flow (August - September) water quality field and operational laboratory measurements
- 3 Winter season (December - February) water quality field and operational laboratory measurements
- 4 Seasonal water quality field measurements, TDS, TSS, and total phosphorous
- 5 Seasonal water quality field measurements, TDS, TSS, and total phosphorous, C14, tritium, and stable isotopes deuterium and oxygen 18
- 6 Also oil and grease, phenols
- 7 Total organic carbon and cyanide (low summer flow only)
- 8 Also total phosphorous
- 9 Also dissolved oxygen
- 10 Seasonal flow only
- 11 Seasonal water levels
- 12 Field parameters only\*\*
- 13 Tritium

\*\* Sites with at least two (2) years of lab analysis data will be sampled once every five (5) years for the currently approved laboratory parameters beginning in 2010. If field parameter monitoring indicates any trending changes, regular laboratory analysis may be resumed until trend is adequately characterized.