



**Canyon Fuel Company, LLC**  
**Skyline Mines**  
HC 35 Box 380  
Helper, Utah 84526  
(435) 448-6463 Fax: (435) 448-2632

INCOMING  
C0070005

June 30, 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

RE: Revised Water Monitoring Table, Canyon Fuel Company, LLC, Skyline Mine,  
C/007/005,

Dear Mr. Hedberg:

Please find enclosed with this letter Skyline Mine's submittal of Table 2.3.7-1 of the Mining and Reclamation Plan. The application is being submitted to correct some typographic errors that were observed while submitting the quarterly water monitoring electronically. This submittal includes completed C1 and C2 forms, seven (7) redline/strikethrough copies of modified text, and seven (7) clean copies. When reviewing the redline/strikethrough copies, keep in mind that pagination will not match the current M&RP.

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

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JUL 05 2005  
DIV. OF OIL, GAS & 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:

Modification to the M&RP to include corrections to 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.

- |   |   |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO# _____  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?                                     |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 4. Does the application include operations in hydrologic basins other than as currently approved?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice publication?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies?<br><i>Explain:</i> _____                                   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)                                |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 15. Does the application require or include soil removal, storage or placement?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities?   |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 19. Does the application require or include certified designs, maps or calculation?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

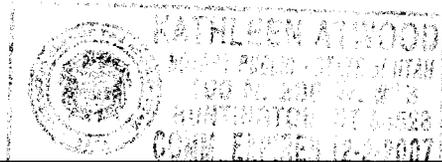
Wesley K Sorenson  
Print Name

Wesley K Sorenson  
Sign Name, Position, Date

Subscribed and sworn to before me this 30 day of JUNE, 2005

Kathleen Atwood  
Notary Public

My commission Expires: 12/2, 2007  
Attest: State of Utah ) ss:  
County of Carbon



**For Office Use Only:**

**Assigned Tracking Number:**

**Received by Oil, Gas & Mining**

RECEIVED

JUL 05 2005

DIV. OF OIL, GAS & MINING



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 1, 2, 6, 7	
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 1, 2	
CS-8	A 1, 2	
CS-9	A 1, 2, 6, 7	
CS-10	A 1, 2	
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 1, 2	
CS-17	A 1, 2	
CS-18	A 1, 2	
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, 7 and B	(Mine discharge - CS-12 and CS-14 combined)
SRD-1	B	(Same as MD-1)
F-9	C <del>12</del>	
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' 1, 2, 3, 6, 7	
VC11	D <del>10</del>	
VC12	D <del>10</del>	
MC-1	A' <del>7</del> 4	
MC-2	A' <del>7</del> 4	
MC-3	A' <del>7</del> 4	
MC-4	A' <del>7</del> 4	
MC-5	A' <del>7</del> 4	
MC-6	A' <del>7</del> 4	
NL-1	F <del>10, 12</del>	North Lease Subsidence Points
NL-2	F <del>10, 12</del>	North Lease Subsidence Points
NL-3	F <del>10, 12</del>	North Lease Subsidence Points
NL-4	F <del>10, 12</del>	North Lease Subsidence Points
NL-5	F <del>10, 12</del>	North Lease Subsidence Points
NL-6	F <del>10, 12</del>	North Lease Subsidence Points
NL-7	F <del>10, 12</del>	North Lease Subsidence Points
NL-8	F <del>10, 12</del>	North Lease Subsidence Points
NL-9	F <del>10, 12</del>	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 <del>13</del>	Sample spring, summer, and fall for
EL-2	A <del>13</del>	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 1, 2	
S13-7	A 1, 2	
S14-4	A 1, 2	
S15-3	A 1, 2, 13	(13 - spring and fall for 3 years starting in 2004)
S17-2	A 1, 2	
S22-5	A 1, 2	
S22-11	A 1, 2	
S23-4	A 1, 2	
S24-1 Sulfur Spring	A 1, 2, 13	(13 - spring and fall for 3 years starting in 2004)
S24-12	A 1, 2	
S26-13	A 1, 2	
S34-12	A 1, 2	
S35-8	A 1, 2	
S36-12	A 1, 2	
2-413	A 1, 2, 13	(13 - spring and fall for 3 years starting in 2004)
3-290	A 1, 2	
8-253	G 4, 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 4, 11	
W79-14-2A	E 4, 11	
W79-26-1	E 4, 11	
W79-35-1A	E 4, 11	
W79-35-1B	E 4, 11	
W2-1 (98-2-1)	E 4, 11	
W20-4-1	E 4, 11	
W20-4-2	E 4, 11	
W99-4-1	E 4, 11	
W99-21-1	E 4, 11	
W99-28-1	E 4, 11	
W20-28-1	E 4, 11	
91-26-1	E 4, 11	
91-35-1	E 4, 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 ~~six months prior to, during, and following~~ **one year prior to, during, and one year following subsidence 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 Also oil and grease, phenols in winter season~~
- ~~8~~ **7** ~~Also phenols,~~ **Total organic carbon and cyanide (low summer flow only)**
- ~~9~~ **8** Also total phosphorous
- ~~10~~ **9** Also dissolved oxygen
- ~~11~~ **10** Seasonal flow only
- ~~12~~ **11** Seasonal water levels
- ~~13~~ **12** Field parameters only
- ~~14~~ **13** Tritium

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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	

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- 7 Total organic carbon and cyanide (low summer flow only)
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- 9 Also dissolved oxygen
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- 11 Seasonal water levels
- 12 Field parameters only
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