



0070

RECEIVED

DEC 6 2001

DIVISION OF OIL, GAS AND MINING

FAX COVER SHEET

Date: 12-6-01

c/007/005  
Dunning

see e-mail  
do not copy

To:

PAM GRUBAUGH-LITTLIG Mike

Company:

DOG M

Fax No:

FAX

From:

CHRIS HANSEN

Steve @

Skyline Mines  
HC 35 Box 380  
Helper, UT 84526  
Fax Number: (435) 448-2632  
Direct Dial: (435) 448-2669

FFO

Pages:

5 (including this one)

Notes:

URGENT

**Confidentiality Notice:** This message is intended only for the use the individual or entity designated above, is confidential, and may contain information that is legally privileged or exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution, copying, or use of or reliance upon the information contained in and transmitted with this facsimile transmission by or to anyone other than the recipient designated above by the sender is **not authorized and strictly prohibited**. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail, or destroy it if authorization is granted by the sender.

**If you have any trouble receiving the above specified pages, please call sender.**

Form DOGM - C1 (Last Revised December 6, 2001)

File Folder # 3

# APPLICATION FOR PERMIT PROCESSING

Permit Change X	New Permit <input type="checkbox"/>	Renewal <input type="checkbox"/>	Transfer <input type="checkbox"/>	Exploration <input type="checkbox"/>	Bond Release <input type="checkbox"/>	Permit Number: ACT/007/005
Title of Proposal: Revision to Initial Response to NOV 39-01-1-1						Mine: Skyline Mine
						Permittee: CANYON FUEL CO., LLC

Description, include reason for application and timing required to implement. Modify permit to include discharge water quality controls.

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <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 application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV # 39-01-1-1
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: _____
<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 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 calculations?
<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 for?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	22. Does 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?

Attach 7 complete copies of the application.

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. (R645-30-123)

[Signature] Mine Manager 12-6-01  
Signed - Name - Position - Date

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_.

Notary Public \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_ 19 \_\_\_\_  
STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

1 ss:

Received by Oil, Gas & Mining

ASSIGNED TRACKING NUMBER



Over long periods of time, groundwater in the Wasatch Plateau can be expected to flow towards the lowlands if not removed, passing through saline shales and emerging to augment streamflow with a dissolved solids content that significantly exceeds the concentrations found in the headwaters area. Because the Skyline Mines will act as interceptor drains, the groundwater that is brought to the surface from the mines has a much lower dissolved solids content than would have existed if the water was to continue its downward movement through shaley layers. Thus, the mines will have some beneficial impact on the chemical quality of water in the region. The increased flow, particularly during the summer low flow period, appears to benefit the Eccles Creek fishery by creating flow and temperature stabilization. Although suspended sediment and oil and grease may increase at the mine mouth, these constituents are removed during the treatment processes described in Section 3.2.

Periodically due to difficult recovery conditions or roof collapse, mining equipment is abandoned underground. Prior to leaving equipment underground lubricating and hydraulic fluids are removed to the extent possible. Since the equipment is steel and not too different compositionally from the roof support throughout the mine, contamination to ground water from abandoned equipment is not anticipated. A map illustrating the location of equipment left underground is provided as Drawing 2.3.6-2. The drawing includes a description of each piece of equipment.

Because of the high alkalinity and low acidity concentrations in the area (differing normally by two orders of magnitude), acid drainage problems do not occur as a result of mining. This is supported by the fact that coal in the area has a low sulphur content.

As mining advances, water containing a high concentration of suspended solids is discharged from the mine. To reduce the chance of suspended solids leaving the permit area, the following measures will be taken:

1. Instruments for monitoring suspended solids will be installed on all the mine discharge water lines ~~or mine personnel will visually observe the main pump inlets.~~ The instruments will be set below the discharge limit of 25 mg/l as established by the UPDES discharge permit.
2. The monitoring instruments will be connected to automatic valves and will activate the closing mechanism of the valve when the set suspended solids limit is reached ~~or valves will be changed or pumps de-energized manually.~~ The water will be diverted from directly discharging to Eccles Creek and will be directed to sand filters.

3. The sand filters will remove the suspended solids from the water. The clean water will be discharged directly to Eccles Creek. The filter will have an automatic backwash function and the backwash water will go to a secondary filter system to remove the suspended solids. The suspended solids removed by the secondary filter will be placed on the mine site coal stockpile. The water from the secondary filter will have a suspended solids concentration below the 25 mg/l limit and discharged directly to the Eccles Creek.

### 2.5.3 Alternative Water Supply

OSM Regulation 30 CFR 783.17 requires that alternative sources of water supply be identified if mining impacts will result in the contamination, diminution, or interruption of existing sources. Because no significant adverse hydrologic impacts are expected as a result of mining in the Skyline permit area, no individual or collective source of alternative water supply has been identified.

However, the Permittee presently owns 248 acre-feet of water rights in the Scofield Reservoir. Of these water rights, water sufficient for the Permittee's needs has been exchanged for rights from wells located near the mine site and at the mouth of Eccles Canyon for use in culinary and dust suppression water systems. Of this 248 acre-feet, a 148 acre-foot exchange has already been approved by the State Engineer of Utah.

It is recognized that seeps and springs are important to wildlife, particularly to small, less mobile species, and that flow reduction could potentially negatively impact these species. While flow reduction from mining related activities, including subsidence, is not expected to cause a problem, however, should such a loss be documented, mitigation measures will be taken after consultation with the Division of Oil, Gas and Mining and the Division of Wildlife Resources.

The Permittee will replace the water supply of any land owner if such a water supply proves to be contaminated, diminished or interrupted as a result of the Skyline mining operations.



359 39

RECEIVED

Date: 12-6-01

*see e-mail*

2001

DIVISION OF  
OIL, GAS AND MINING

FAX COVER SHEET

To: PAM GRUBAUGH-LITTE  
Company: DOG M  
Fax No: \_\_\_\_\_

From: CHRIS HANSEN  
Skyline Mines  
HC 35 Box 380  
Helper, UT 84526  
Fax Number: (435) 448-2632  
Direct Dial: (435) 448- 2669

Pages: 3 ~~X~~ (including this one)

Notes: URGENT  
Clean copies:  
1st FAX WAS Med Line

**Confidentiality Notice:** This message is intended only for the use the individual or entity designated above, is confidential, and may contain information that is legally privileged or exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution, copying, or use of or reliance upon the information contained in and transmitted with this facsimile transmission by or to anyone other than the recipient designated above by the sender is **not authorized and strictly prohibited**. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail, or destroy it if authorization is granted by the sender.

**If you have any trouble receiving the above specified pages, please call sender.**