

October 30, 2014

Mr. Daron R. Haddock  
Coal Program Manager  
Division of Oil, Gas, and Mining  
1594 West North Temple  
Salt Lake City, Utah 84114-5801

RE: Coal Pile Replacement Culvert – CU-2a, Clean Copies, Canyon Fuel Company, LLC,  
Skyline Mine, C/007/005, Task ID #4709

Dear Daron:

Attached to this letter are completed C1 and C2 forms and two (2) clean copies of information submitted for task ID #4709. The information provides modifications to the Skyline Mine M&RP to accommodate placing an alternate culvert under the Coal Pile to eventually replace culvert CU-2, which drains the upper middle branch of Eccles Creek. The proposed culvert CU-2a will be installed and capped within the current disturbed area to be used at a future date.

Skyline Mine personnel appreciate the expedited review that was conducted by DOGM personnel.

If you have any questions regarding this information, please give me a call at (435) 448-2636.

Sincerely:



Gregg A. Galecki  
Canyon Fuel Company, LLC.  
Environmental Engineer – Skyline Mines

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# 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:** Coal Pile Replacement Culvert; CU-2a - Clean Copies Task # 4709

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

Changes made to Surface Facility Map to identify replacement culvert

**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

Carl W. Winters

Print Name

Carl W. Winters  
Sign Name, Position, Date

Subscribed and sworn to before me this 30<sup>th</sup> day of Oct, 20 14

Gen. Mgr. 10/30/14

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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Bonding Calculations

Direct Costs

Subtotal Demolition and Removal	\$2,011,435
Subtotal Backfilling and Grading	\$1,078,911
Subtotal Revegetation	\$912,169
Direct Costs	\$4,002,515

Indirect Costs

Mob/Demob	\$400,252	10.0%
Contingency	\$200,126	5.0%
Engineering Redesign	\$100,063	2.5%
Main Office Expense	\$272,171	6.8%
Project Management Fee	\$100,063	2.5%
Subtotal Indirect Costs	\$1,072,675	26.8%

Total Cost 2006 \$5,075,190

Number of years 4  
 Escalation Factor 1.005  
 Escalation \$95,397

Reclamation Cost Escalated \$5,170,588

Bond Amount (rounded to nearest \$1,000)  
 2009 Dollars \$5,171,000

Posted Bond September 19, 2006 \$5,137,000

Difference Between Cost Estimate and Bond -\$34,000  
 Percent Difference -0.66%

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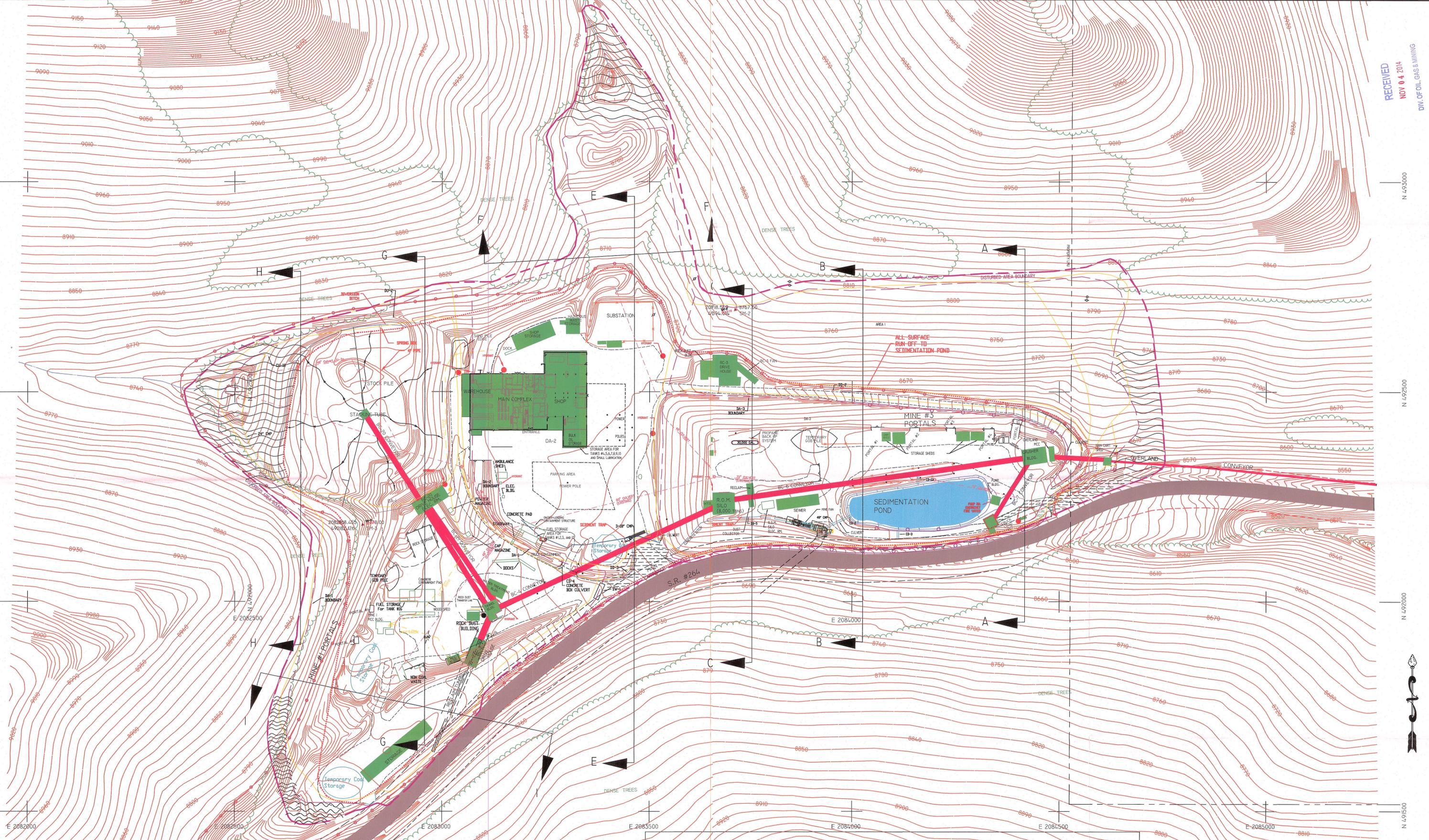
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Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Culvert Backfilling 37																				
	Culvert CU-1 48 inch	Excavation Bulk Bank 2 CY (322BL)	02315 424 0280	1,741/ICY		560	4	8	8							FT		564 CY		1155	
		Backfill Trench Minimal Haul 2 1/4 CY	02315 610 3090	1,581/ICY		560	4	8	8							FT		564 CY		1049	
		Excavation Bulk Bank 2 CY (322BL)	02315 424 0280	1,741/ICY		560	4	8	8							FT		564 CY		1213	
	Culvert CU-2	Backfill Trench Minimal Haul 2 1/4 CY	02315 610 3090	1,581/ICY		588	4	8	8							FT		597 CY		1101	
		Excavation Bulk Bank 2 CY (322BL)	02315 424 0280	1,741/ICY		410	4	4	8							FT		488 CY		946	
	Culvert CU-3	Backfill Trench Minimal Haul 2 1/4 CY	02315 610 3090	1,581/ICY		410	4	4	8							FT		488 CY		768	
		Excavation Bulk Bank 2 CY (322BL)	02315 424 0280	1,741/ICY		734	4	4	8							FT		870 CY		1514	
	Culvert CU-2a	Backfill Trench Minimal Haul 2 1/4 CY	02315 610 3090	1,581/ICY		734	4	4	8							FT		870 CY		1375	
	Subtotal																			9021	
	Total																			9021	

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**LEGEND**

DISTURBED AREA BOUNDARY: (AREA WITHIN WHICH RECLAMATION MUST TAKE PLACE)

AREA TRIBUTARY TO SEDIMENTATION POND:

SMALL AREA EXEMPTION:

ALTERNATIVE SEDIMENT CONTROL AREAS: (SEDIMENT CONTROLLED WITH STRAWBALES OR OTHER TECHNIQUES)

BEGINNING OR END OF DITCH:

DITCH SLOPE CHANGE:

- NOTES**
1. THE ALTERNATIVE SEDIMENT CONTROL AREAS WILL BE DISTURBED DURING PHASE 2 RECLAMATION.
  2. THE DISTURBED AREAS ARE DESCRIPTIVE. AN ON THE GROUND SURVEY MADE IN 1995 DEFINES THE DISTURBED AREA AS 31.1 ACRES.
  3. SEE DRAWING 4.4.2-1A AND 4.4.2-1B FOR THE RECLAMATION PLAN AND CROSS SECTIONS.
  4. NUMEROUS DEVICES SUCH AS PAVEMENT, TEMPORARY DRAINAGE AND GRADING CONTROLS, WHICH ARE NOT SHOWN ON THIS DRAWING ARE USED AS NECESSARY TO DIRECT RUNOFF TO THE PERMANENT DIVERSION FACILITIES SHOWN ABOVE.

I CERTIFY THAT THE INFORMATION CONTAINED HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE.



DATE	No.	REVISIONS
6/9/99	1	ADDED SEDIMENT TRAPS, SPRIN BOX AND PIPE
4/27/01	2	ADDED FAN, DELETED FAN AND BUILDINGS
7/19/01	3	ADDED SEDIMENT TRAP TO UPFR YARD AT ENTRANCE TO MINE
1/30/06	4	ADDED MISSING TITLES TO BUILDINGS
7/13/06	5	ADDED TEMPORARY COAL STORAGE
9/12/08	6	ADDED BC-3 FAN
5/18/09	7	ADDED OFF-LOADING CONTAINMNT STRUCTURES, REMOVED FUEL ISLAND
6/30/09	8	ADDED ROCK DUST TRANSFER NE
3/9/10	9	ADDED AMBULANCE SHED
10/16/14	10	ADDED ASPHALT AT TRUCK LOAOUT

DATE	No.	REVISIONS
10/27/14	11	ADDED CU-2a 48" CULVERT

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**MINE SURFACE FACILITIES**

**PLOT PLAN**

**Canyon Fuel Company, LLC**  
Skyline Mines

P.O. BOX 380 HELPER, UTAH 84526  
435-448-8463

DATE: 6-30-06 CK.BY: CWV/GAG  
SCALE: 1" = 100' DR.BY: mdb  
DWG. NO.: 3.2.1-1\_REV11

REVISION: 11  
10/27/2014