

C/007/005 Incoming



#4889

Skyline Mine  
Gregg A. Galecki  
Environmental Engineer  
HC35, Box 380  
Helper, Utah 84526  
(435) 448-2619  
Fax (435) 448-2632

May 18, 2015

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MAY 26 2015

DIV. OF OIL, GAS & MINING

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

RE: Additional Storage Sheds, Canyon Fuel Company, LLC, Skyline Mine, Clean Copies, Task ID # 3889 C/007/005

Dear Daron:

Attached to this letter are completed C1 and C2 forms providing two (2) clean copies of information that outline modifications to the Skyline Mine M&RP to accommodate placing two (2) additional storage sheds on the main Skyline Mine site. The two sheds will be constructed immediately adjacent to a large existing shed labeled the 'Wood Shed' located on the upper level of the mine site.

Information being submitted electronically include Plate 3.2.1-1\_rev12 illustrating the location of the new sheds, and updates to Section 4.3 Cost Estimate for Performance Bond that includes three (3) pages (Total Bond Amount, Demolition Cost Summary, Demolition – Misc. Storage Building, respectively).

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:** Added Storage Sheds

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

Clean Copies - Changes made to Surface Facility Map to identify additional Storage Sheds Task ID #4889

**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 5/19/15  
Sign Name, Position, Date

Subscribed and sworn to before me this 19<sup>th</sup> day of MAY, 20 15

Kathleen Atwood  
Notary Public

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



**For Office Use Only:**

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Skyline Mine TC/007/005  
 Added Storage sheds  
 Task #4889

Total Required Bond Amount  
 2014 Dollars

Revised April 22, 2015

## Bonding Calculations

### Direct Costs

Subtotal Demolition and Removal	\$2,144,256
Subtotal Backfilling and Grading	\$1,597,728
Subtotal Revegetation	\$425,908
<b>Direct Costs Subtotal</b>	<b>\$4,167,891.75</b>

### Indirect Costs

Mob/Demob	\$416,789	10.0%
Contingency	\$208,395	5.0%
Engineering Redesign	\$104,197	2.5%
Main Office Expense	\$283,417	6.8%
Project Management Fee	\$104,197	2.5%
<b>Subtotal Indirect Costs</b>	<b>\$1,116,995</b>	<b>26.8%</b>

<b>Total Cost 2014</b>	<b>\$5,284,887</b>
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Escalation factor		5
Number of years		0.019
Escalation	\$521,509	
Reclamation Cost Escalated	\$5,806,395	

<b>Reclamation Bond Amount (rounded to nearest \$1,000) 2019 Dollars</b>	<b>\$5,806,000</b>
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Posted Bond March 18, 2015	\$5,799,000
Difference Between Cost Estimate and Bond	-\$7,000
Percent Difference	0%

**INCORPORATED**

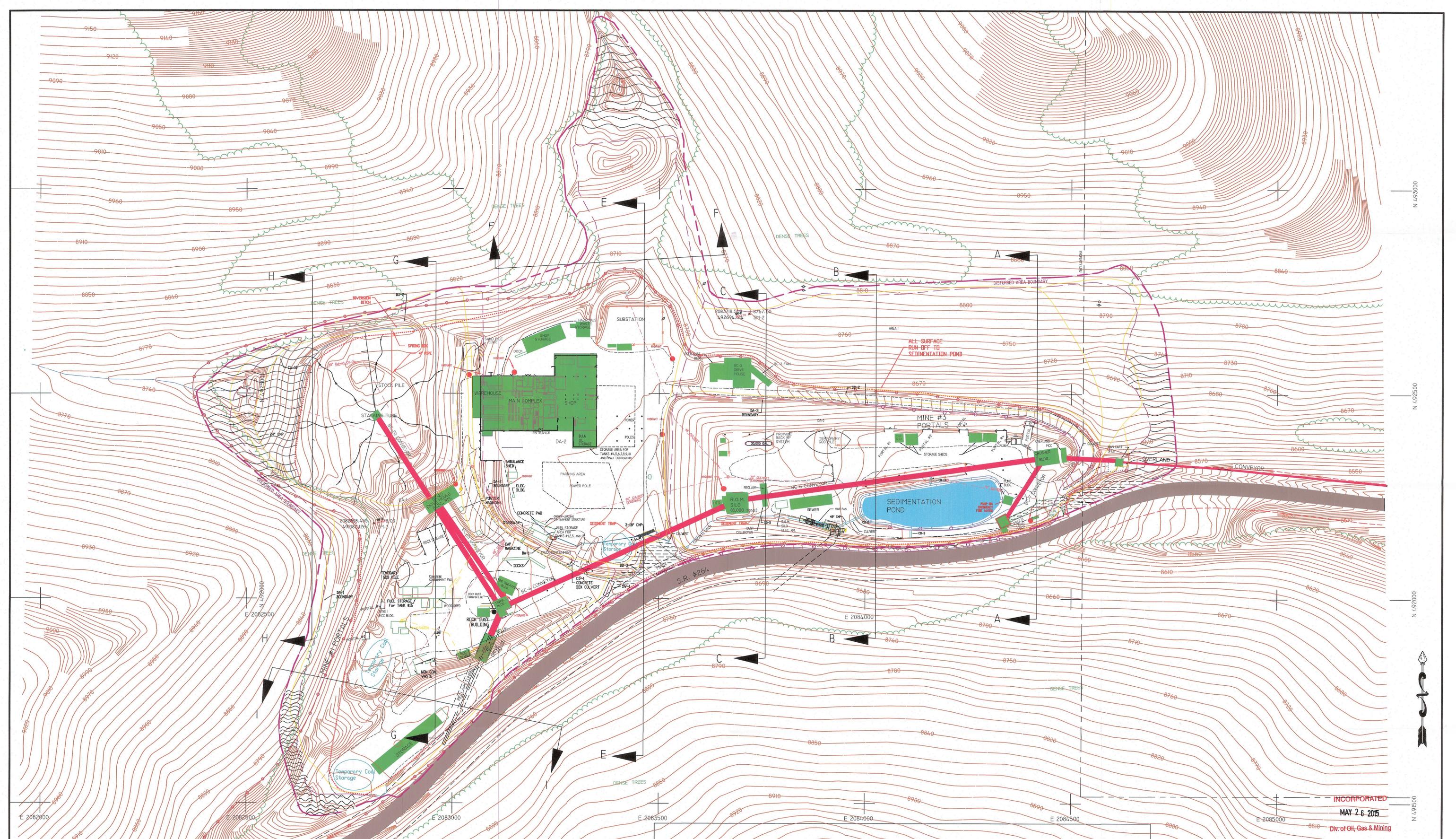
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Ref.	Description	Materials	Access Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Truck	Number	Unit	Speed Factor	Quantity	Unit	Cost
	<b>Misc Storage Bid 14</b>																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost		02 41 16 13 0100	0.3 /CF														6285 CF		840
	Structure's Demolition Cost		02 41 16 13 0020	0.27 /CF		40	20	20									0.3	16000 CF		2160
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight		City Service Price	4.33 /CY															70 CY	303
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	<b>Subtotal</b>																			3403
	Equipment's Disposal Cost																			
	Dismantling Cost																			
	Equipment's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	<b>Subtotal</b>																			
	Concrete Demolition																			
	Demolition Cost		02 41 16 17 0240	3.43 /SF															114 SF	391
	Concrete's Vol. Demolished																		148 CY	247
	Loading Cost		31 23 16 42 1300	1.67 /CY															148 CY	437
	Transportation Cost		31 23 20 1014	2.95 /CY															148 CY	1280
	Disposal Costs		02 41 16 17 4200	8.65 /CY															148 CY	2355
	<b>Subtotal</b>																			
	Concrete Demolition																			
	Demolition Cost		02 41 16 17 0240	3.43 /SF						800									800 SF	2744
	Concrete's Vol. Demolished																		29.6 CY	49
	Loading Cost		31 23 16 42 1300	1.67 /CY															29.6 CY	87
	Transportation Cost		31 23 20 1014	2.95 /CY															29.6 CY	236
	Disposal Costs		02 41 16 17 4200	8.65 /CY															29.6 CY	3137
	<b>Subtotal</b>																			
	<b>Total</b>																			8895

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N 4925000  
 N 492500  
 N 491500  
 N 490500



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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. ANY ON THE GROUND SURVEY MADE IN 1985 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.

SEAL:

DATE	No.	REVISIONS
6/9/99	1	ADDED SEDIMENT TRAPS, SPRING BOX AND PIPE
4/27/01	2	ADDED FAN, DELETED FAN AND BUILDINGS
7/19/01	3	ADDED SEDIMENT TRAP TO UPPER 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
3/18/09	7	ADDED OFF-LOADING CONTAINMENT STRUCTURES, REMOVED FUEL ISLAND
6/30/09	8	ADDED ROCK DUST TRANSFER LINE
3/9/10	9	ADDED AMBULANCE SHED
10/16/10	10	ADDED ASPHALT AT TRUCK LOADOUT

DATE	No.	REVISIONS
10/27/14	11	ADDED CU-2a 48" CULVERT
04/22/15	12	ADDED 2 NEW SURFACE SHEDS

**MINE SURFACE FACILITIES**  
**PLOT PLAN**  
  
 P.O. BOX 380 HELPER, UTAH 84529 DATE: 6-30-06 CK.BY: CWW/GAG REVISION: 12  
 CAD FILE: C:\PERMITS\SKYLINE\3.2.1-1... SCALE: 1" = 100' DR.BY: STV  
 DWG. NO.: 3.2.1-1\_REV12 04/22/2015