

C/007/0005  
Received 9/17/2015  
Task ID #4981

September 16, 2015

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

RE: Addition of Sweeper Garage, Canyon Fuel Company, LLC, Skyline Mine, C/007/005

Dear Daron:

Attached to this letter are completed C1 and C2 forms that outline modifications to the Skyline Mine M&RP to accommodate the addition of two (2) walls to a portion of an existing outbuilding to create a garage. Conversations with Ms. Cheryl Parker have determined it will be a simple modification to the bond and surface facility map.

Information being submitted electronically include Plate 3.2.1-1\_rev13 illustrating the location of the 'Sweeper Garage' in a portion of the existing 'Wood Shed' on the main surface facility. Both redline-strikeout and clean copies of modifications to the bond have been included.

The information is being submitted electronically, with clean hard copies being sent via USPS in anticipation of approval.

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

# 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:** Add Sweeper Garage

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

Added two (2) walls to existing shed and named new portion a Sweeper Garage

**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.

Corey Heaps  
Print Name

Corey Heaps, GM, 9-16-15  
Sign Name, Position, Date

Subscribed and sworn to before me this 16 day of September, 2015

Melissa S Willden  
Notary Public

My commission Expires: Utah 3-19, 2019 } ss:  
Attest: State of \_\_\_\_\_ }  
County of Carbon



<b>For Office Use Only:</b>	<b>Assigned Tracking Number:</b>	<b>Received by Oil, Gas &amp; Mining</b>
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Red line - Strikeout

## Bonding Calculations

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### Direct Costs

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Subtotal Demolition and Removal	\$2,147,115
Subtotal Backfilling and Grading	\$1,597,728
Subtotal Revegetation	\$425,908
<b>Direct Costs Subtotal</b>	<b>\$4,170,751</b>

### Indirect Costs

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Mob/Demob	\$416,259	10.0%
Contingency	\$208,130	5.0%
Engineering Redesign	\$104,065	2.5%
Main Office Expense	\$283,056	6.8%
Project Management Fee	\$104,065	2.5%
<b>Subtotal Indirect Costs</b>	<b>\$1,115,575</b>	<b>26.8%</b>

<b>Total Cost 2014</b>	<b>\$5,286,326</b>
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Escalation factor		5
Number of years		0.019
Escalation	\$521,651	
Reclamation Cost Escalated	\$5,807,977	

<b>Reclamation Bond Amount (rounded to nearest \$1,000) 2019 Dollars</b>	<b>\$5,808,000</b>
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Posted Bond March 18, 2015	\$5,799,000
Difference Between Cost Estimate and Bond	-\$9,000
Percent Difference	0%

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Ref	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Speed Factor	Quantity	Unit	Cost	
	<b>Misc Storage Bid 14</b>																				
	Deduct 50% no interior walls	Mixed Materials Bid, Large	02 41 18 13 0100	0.3 /CF														6285 CF		940	
	Structure's Demolition Cost	Steel Bid, Large	02 41 18 13 0020	0.27 /CF														16000 CF		2180	
	Structure's Vol. Demolished					40	20	20										70 CY			
	Structure's Weight (excludes steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck	City Services																70 CY		303	
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel	City Services Price																			
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck																				
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	<b>Subtotal</b>																			<b>3403</b>	
	Equipment's Disposal Cost																				
	Dismantling Cost																				
	Equipment's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	<b>Subtotal</b>																				
	Concrete Demolition	Slab on grade 4"thick with reinforced	02 41 18 17 0240	3.43 /SF														114 SF		391	
	Demolition Cost																	148 CY		247	
	Concrete's Vol. Demolished	Front end Loader 3 CY	31 23 18 42 1300	1.87 /CY														148 CY		437	
	Loading Cost	12 CY (16 Ton) Dump Truck 1/2 mi. mtd. thk	31 23 23 20 1014	2.85 /CY														148 CY		1280	
	Transportation Cost	On site disposal	02 41 18 17 4200	8.65 /CY																<b>2355</b>	
	Disposal Costs																				
	<b>Subtotal</b>																				
	Concrete Demolition	Slab on grade 4"thick with reinforced	02 41 18 17 0240	3.43 /SF							800							800 SF		2744	
	Demolition Cost											29.6						29.6 CY		49	
	Concrete's Vol. Demolished	Front end Loader 3 CY	31 23 18 42 1300	1.87 /CY								29.6						29.6 CY		87	
	Loading Cost	12 CY (16 Ton) Dump Truck 1/2 mi. mtd. thk	31 23 23 20 1014	2.85 /CY								29.6						29.6 CY		258	
	Transportation Cost	On site disposal	02 41 18 17 4200	8.65 /CY								29.6						29.6 CY		<b>3137</b>	
	Disposal Costs																				
	<b>Subtotal</b>																				
	Deduct 50% no interior walls	Added (2) walls for Sweeper Garage	02 41 18 13 0100	0.3 /CF																	
	Structure's Demolition Cost	Mixed Materials Bid, Large	02 41 18 13 0020	0.27 /CF																	
	Structure's Demolition Cost	Steel Bid, Large																			
	Deduct 50% for (2) existing bonded walls																				
	<b>Total</b>																			<b>9435</b>	



Clean set  
#1

## Bonding Calculations

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### Direct Costs

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Subtotal Demolition and Removal	\$2,147,115
Subtotal Backfilling and Grading	\$1,597,728
Subtotal Revegetation	\$425,908
<b>Direct Costs Subtotal</b>	<b>\$4,170,751</b>

### Indirect Costs

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Escalation	\$521,651	
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Difference Between Cost Estimate and Bond	<b>-\$9,000</b>
Percent Difference	<b>0%</b>

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Demolition Costs

#/1	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	<b>Misc Storage Bld 14</b>																				
	Deduct 50% no interior walls																				
	Structure's Demolition Cost	Mixed Materials Bld. Large	02 41 16 13 0100	0.3 /CF														6265	CF	940	
	Structure's Demolition Cost	Steel Bld. Large	02 41 16 13 0020	0.27 /CF														16000	CF	2160	
	Structure's Vol. Demolished					40	20	20										0.3	70	CY	
	Rubbish'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 Services	City Service Price	4.33 /CY																	303
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck																				
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	<b>Subtotal</b>																				<b>3403</b>
	Equipment's Disposal Cost																				
	Dismantling Cost																				
	Equipment's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	<b>Subtotal</b>																				
	Concrete Demolition																				
	Demolition Cost	Slab on grade 4"thick with reinforced	02 41 16 17 0240	3.43 /SF																	
	Concrete's Vol. Demolished																				
	Loading Cost	Front end Loader 3 CY	31 23 16 42 1300	1.67 /CY																	
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. md. tm	31 23 20 1014	2.95 /CY																	
	Disposal Costs	On site disposal	02 41 16 17 4200	8.65 /CY																	
	<b>Subtotal</b>																				<b>2355</b>
	Concrete Demolition																				
	Demolition Cost	Slab on grade 4"thick with reinforced	02 41 16 17 0240	3.43 /SF						800											
	Concrete's Vol. Demolished																				
	Loading Cost	Front end Loader 3 CY	31 23 16 42 1300	1.67 /CY																	
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. md. tm	31 23 20 1014	2.95 /CY																	
	Disposal Costs	On site disposal	02 41 16 17 4200	8.65 /CY																	
	<b>Subtotal</b>																				<b>3137</b>
	Deduct 50% no interior walls																				
	Structure's Demolition Cost	Mixed Materials Bld. Large	02 41 16 13 0100	0.3 /CF																	
	Structure's Demolition Cost	Steel Bld. Large	02 41 16 13 0020	0.27 /CF																	
	Deduct 50% for (2) existing bonded walls																				
	<b>Total</b>																				<b>9435</b>

Clean Set #2

## Bonding Calculations

### Direct Costs

Subtotal Demolition and Removal	\$2,147,115
Subtotal Backfilling and Grading	\$1,597,728
Subtotal Revegetation	\$425,908
<b>Direct Costs Subtotal</b>	<b>\$4,170,751</b>

### Indirect Costs

Mob/Demob	\$416,259	10.0%
Contingency	\$208,130	5.0%
Engineering Redesign	\$104,065	2.5%
Main Office Expense	\$283,056	6.8%
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<b>Subtotal Indirect Costs</b>	<b>\$1,115,575</b>	<b>26.8%</b>

<b>Total Cost 2014</b>	<b>\$5,286,326</b>
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Escalation factor		5
Number of years		0.019
Escalation	\$521,651	
Reclamation Cost Escalated	\$5,807,977	

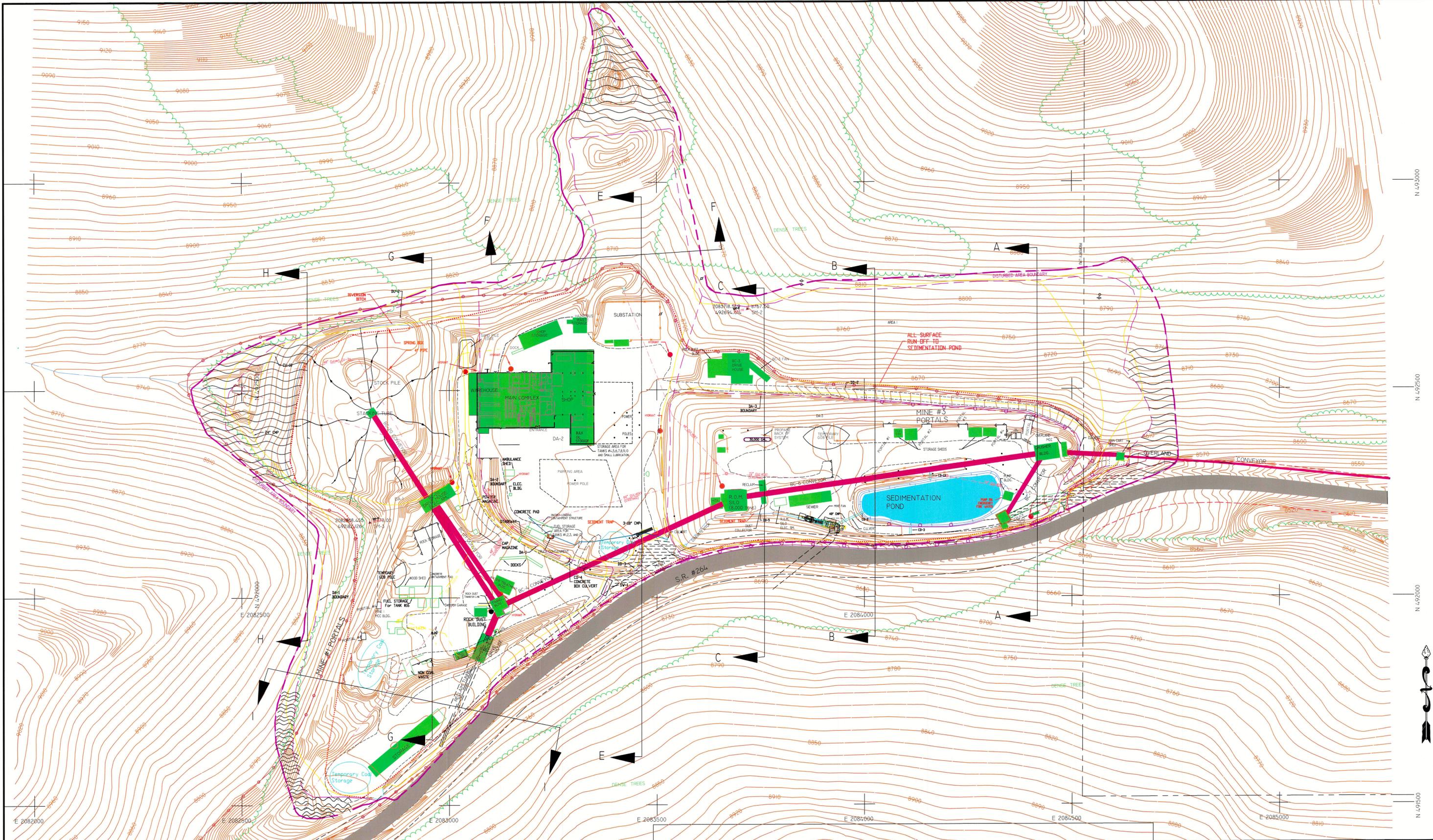
<b>Reclamation Bond Amount (rounded to nearest \$1,000) 2019 Dollars</b>	<b>\$5,808,000</b>
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Posted Bond March 18, 2015	\$5,799,000
Difference Between Cost Estimate and Bond	<b>-\$9,000</b>
Percent Difference	<b>0%</b>



Demolition Costs

Ref	Description	Materials	Items Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	<b>Misc Storage Bld 14</b>																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Mixed Materials Bld. Large	02 41 16 13 0100	0.3 /CF													6285 CF		940	
	Structure's Demolition Cost	Steel Bld. Large	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																			
	Truck's Capacity																			
	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	Slab on grade 4"thick with reinforced	02 41 16 17 0240	3.43 /SF																391
	Concrete's Vol. Demolished																			
	Loading Cost	Front end Loader 3 CY	31 23 16 42 1300	1.67 /CY																247
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mil. md. trn	31 23 20 1014	2.95 /CY																437
	Disposal Costs	On site disposal	02 41 16 17 4200	8.65 /CY																1280
	<b>Subtotal</b>																			2355
	Concrete Demolition																			
	Demolition Cost	Slab on grade 4"thick with reinforced	02 41 16 17 0240	3.43 /SF					800											2744
	Concrete's Vol. Demolished																			
	Loading Cost	Front end Loader 3 CY	31 23 16 42 1300	1.67 /CY						28.6										49
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mil. md. trn	31 23 20 1014	2.95 /CY						29.6										87
	Disposal Costs	On site disposal	02 41 16 17 4200	8.65 /CY						29.6										256
	<b>Subtotal</b>																			3137
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Mixed Materials Bld. Large	02 41 16 13 0100	0.3 /CF																540
	Structure's Demolition Cost	Steel Bld. Large	02 41 16 13 0020	0.27 /CF		20	20	20												
	Deduct 50% for (2) existing bonded walls																			
	<b>Total</b>																			9435



**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 STRAMBALES 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 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.

0 100 200 FEET

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
1/30/04	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		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
09/16/15	13	ADDED SWEEPER GARAGE

**MINE SURFACE FACILITIES**

PLOT PLAN

**Canyon Fuel Company, LLC**  
Skyline Mines

P.O. BOX 380 HELPER, UTAH 84529 DATE: 6-30-06 CK.BY: CWW/GAG REVISION:  
 435-448-6463  
 CAD FILE: P:\PERMITS\SKY\3.2.1-1 SCALE: 1" = 100' DR.BY: STV 13  
 DWG. NO.: 3.2.1-1\_REV13 09/16/2015