Canyon Fuel Company, LLC
A Subsidiary of Bowie Resource Holdings, LLC

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

C/007/0005
Received 10/27/14
Task ID #4709

October 27, 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, 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 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. It will not be operational at this time. Culvert CU-2a is being installed and capped at this time while there is limited coal being stockpiled. Culvert CU-2a will be necessary in the future due to planned future expansion that will require abandoning of the current culvert CU-2. The future expansion will be addressed with a future comprehensive amendment.

Information being submitted electronically include Plate 3.2.1-1_rev11 illustrating the alignment of culvert CU-2a (note that it will be 'stubbed' on the pad), and the necessary bond pages to include the culvert.

The timing for getting approval to accommodate this modification is critical; while the mine is trying to minimize the coal storage on the pile. Skyline Mine personnel is requesting an expedited review of this amendment if possible. 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
Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: Canyon Fuel Company, LLC
Mine: Skyline Mine **Permit Number:** C/007/005
Title: Coal Pile Replacement Culvert - CU-2a

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

			DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED
☐ Add	☒ Replace	☐ Remove	Plate 3.2.1-1_Rev11
☐ Add	☒ Replace	☐ Remove	Section 4.3 Cost Estimate for Performance Bond - Total Bond Amount Page, Demolition Costs Summary Page, Demolition Costs - CulvertBackfilling 37 (3 total pages)
☐ Add	☐ Replace	☐ Remove	
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Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.	**Received by Oil, Gas & Mining**
Information has been submitted electronically. Two (2) paper copies of the information will be submitted at final approval.	

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
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 Winters — Print Name
Carl W. Winters 10/27/12 — Sign Name, Position, Date
Gen. Mgr.

Subscribed and sworn to before me this 27 day of Oct, 2014

Kathleen Atwood
Notary Public
My commission Expires: 12-02, 2015
Attest: State of Utah } ss:
County of Carbon

KATHLEEN ATWOOD
NOTARY PUBLIC-STATE OF UTAH
COMMISSION# 650015
COMM. EXP. 12-02-2015

For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining

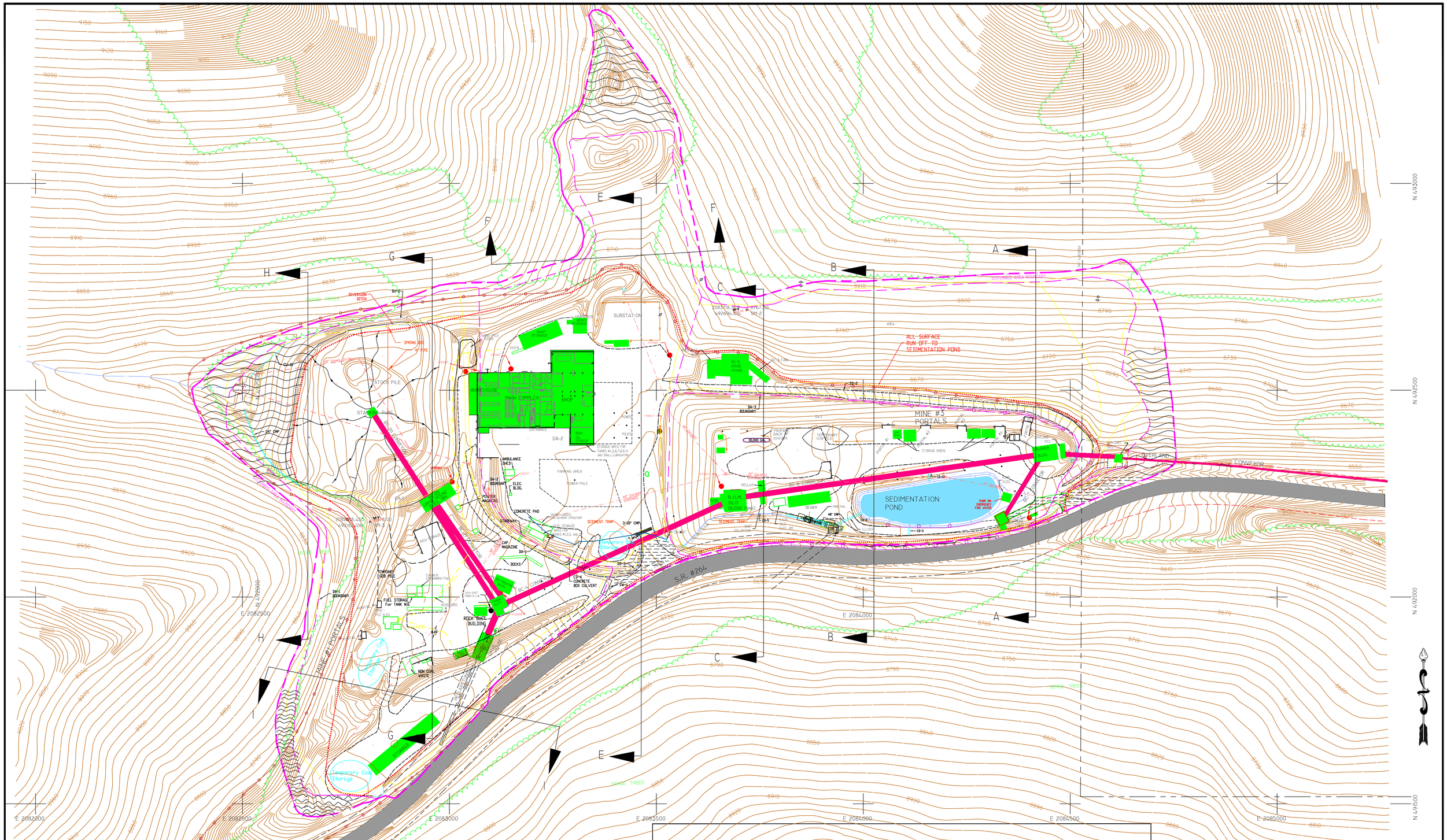
Form DOGM- C1 (Revised March 12, 2002)

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%	

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
	Shop Warehouse 01																			367595
	Administration Bld 02																			25308
	Mine No 1 Transfer Tower 03																			35853
	BC 2 Drive House 04																			8893
	BC 3 Drive House 05																			38270
	Crusher Raw Coal 06																			18741
	Truck Loadout 07																			6894
	Railcar Loadout 08																			21764
	Conveyors 8 total 09																			87798
	Water Tanks Two 10																			6084
	Pump House 11																			1233
	Well House Three 12																			4428
	Water Treatment Bld 13																			16600
	Misc Storage Bld 14																			3809
	Overland Conveyor 15																			88532
	Guard Rail 16																			18300
	Rock Dust Bld 17																			5835
	Overland Dust Collector 18																			1248
	Substation 19																			1980
	Power Line 20																			4605
	Cap Magazine 21																			33
	Fuel Storage 22																			2954
	Propane Tanks 23																			527
	Stacking Tube 24																			5516
	Reclaim Tunnel 25																			45632
	Slope Proctection Apron 26																			17532
	Concrete Lined Ditch 27																			485
	Raw Coal Silo 28																			15831
	Parking Area Middle 29																			2451
	Truck Loadout Foundation 30																			233
	Road Pad Lower 31																			3796
	Silo Rail Loadout 32																			140333
	Loadout Foundation RR 33																			5769
	Pavement Rail Loadout 34																			6816
	Steel 35																			6975
	James Canyon 36																			142752
	Culvert Backfilling 37																			9021
	Channel Construction 38																			529279
	Equipment 39																			245525
	Portal Face Door 40																			5823
	Concrete Building 41																			2158
	Winter Quarters 42																			58225
	Total																			2011435

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 0260	1.74	/CY	560	4	8								FT		664	CY	1155
		Backfill Trench Mininal Haul 2 1/4 CY	02315 610 3080	1.58	/CY	560	4	8								FT		664	CY	1049
	Culvert CU-2	Excavation Bulk Bank 2 CY (322BL)	02315 424 0260	1.74	/CY	588	4	8								FT		697	CY	1213
		Backfill Trench Mininal Haul 2 1/4 CY	02315 610 3080	1.58	/CY	588	4	8								FT		697	CY	1101
	Culvert CU-3	Excavation Bulk Bank 2 CY (322BL)	02315 424 0260	1.74	/CY	410	4	8								FT		486	CY	846
		Backfill Trench Mininal Haul 2 1/4 CY	02315 610 3080	1.58	/CY	410	4	8								FT		486	CY	768
	Culvert CU-2a	Excavation Bulk Bank 2 CY (322BL)	02315 424 0260	1.74	/CY	734	4	8								FT		870	CY	1514
		Backfill Trench Mininal Haul 2 1/4 CY	02315 610 3080	1.58	/CY	734	4	8								FT		870	CY	1375
	Subtotal																			9021
	Total																			9021



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 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	APPD. CHKD.	DES. DR.
6/9/99	1	ADDED SEDIMENT TRAPS, SPRING BOX AND PIPE	GT CWW	
4/27/01	2	ADDED FAN, DELETED FAN AND BUILDINGS	GT CWW	JLP
7/19/01	3	ADDED SEDIMENT TRAP TO UPPER YARD AT ENTRANCE TO MINE	GT CWW	JLP
1/30/06	4	ADDED MISSING TITLES TO BUILDINGS		GAG
7/13/06	5	ADDED TEMPORARY COAL STORAGE	GAG CWW	CTP
9/12/08	6	ADDED BC-3 FAN	ARB CWW	
3/18/09	7	ADDED OFF-LOADING CONTAINMENT STRUCTURES, REMOVED FUEL ISLAND	ARB CWW	
6/30/09	8	ADDED ROCK DUST TRANSFER LINE	ARB CWW	
3/9/10	9	ADDED AMBULANCE SHED	ARB CWW	
10/16/14	10	ADDED ASPHALT AT TRUCK LOADOUT	GAG CWW	

DATE	No.	REVISIONS	APPD. CHKD.	DES. DR.
10/27/14	11	ADDED CU-2a 48"CULVERT	GAG CWW	

MINE SURFACE FACILITIES

PLOT PLAN

Canyon Fuel Company, LLC
Skyline Mines

P.O. BOX 380 HELPER, UTAH 84526
435-448-6463

CAD FILE: P:\PERMITS\SKY\...\3.2.1-1_...

DATE: 6-30-06 | CK.BY: CWW/GAG

SCALE: 1" = 100' | DR.BY: mdb

DWG. NO.: 3.2.1-1_REV11

REVISION: 11

10/27/2014