CONSOL ENERGY™

COPY

Consolidation Coal Company
P.O. Box 566
Sesser, IL 62884
(618) 625-2041

Incoming
C0150015
#3413

November 04 2009

Daron Haddock
Utah Division of Oil, Gas and Mining
Coal Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Emery Deep Mine Permit C/015/015
MRP insignificant revision to add bath house trailer pad, Clean Copy

Dear Mr. Haddock:

Please consider this a Clean Copy submittal of the above mentioned permit revision. Enclosed please find ~~3~~ 6 copies including an executed C1 form, C2 form, and revised pages. A cd-rom has been included with the submittal in pdf format.

This revision includes an additional concrete footer for a new bath house trailer. The footer will be 2-70 foot by 4 foot by 4 inch thick footers. The area is located adjacent to the existing trailer footers. This revision also revised the bond calculations for demolition cost. Concrete demolition costs were not accounted for in previous bond calculations.

If you have any questions concerning this request, please contact me at (618) 625-6850.

Sincerely,

John Gefferth
Environmental Engineer

Attachments

JAG/jag embthousepad.cln.doc

For additional information

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Refer to Record No 0052 Date 11042009
In C0150015 2009 Incoming

RECEIVED
NOV 05 2009
DIV. OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☒ New Permit ☐ Renewal ☐ Exploration ☐ Bond Release ☐ Transfer ☐ COPY

Permittee: Consolidation Coal Company
Mine: Emery Mine **Permit Number:** 015/015
Title: Concrete pad
Description, Include reason for application and timing required to implement:
Concrete pad for bath house Clean copy 11/09

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.

Jonathan M. Pachter
Print Name

Jonathan M. Pachter 11/3/09
Sign Name, Position, Date
General Manager, Environ. Services

Subscribed and sworn to before me this 3rd day of November, 2009

Suzanne M Burtt
Notary Public

My commission Expires: June 20, 2012
Attest: State of Pennsylvania } ss:
County of Washington

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Suzanne M. Burtt, Notary Public
Scott Twp., Allegheny County
My Commission Expires June 20, 2012
Member, Pennsylvania Association of Notaries

For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining
		RECEIVED NOV 05 2009 DIV. OF OIL, GAS & MINING

Form DOGM- C1 (Revised March 12, 2002)

APPLICATION FOR COAL PERMIT PROCESSING
Detailed Schedule Of Changes to the Mining And Reclamation Plan

COPY

Permittee: Consolidation Coal Company
Mine: Emery Mine **Permit Number:** 015/015
Title: Additional bathouse trailer pad Clean Copy 11/09

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	CH II Page 5
☐ Add	☒ Replace	☐ Remove	CH IV Bond total page
☐ Add	☒ Replace	☐ Remove	CH IV Bond total Demolition page 1/1
☐ Add	☒ Replace	☐ Remove	CH IV Bond Demo pg 14/48
☐ Add	☒ Replace	☐ Remove	Plate II-1, Structures and Facilities main Portal Area
☐ 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
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Form DOGM - C2 (Revised March 12, 2002)

Return Air Portal

Map Code: 10, Plate II-1
Status: existing - 3rd quarter 1978

The return air portal is about 600 feet east of the mine access portal at the outcrop of the I zone. The opening is heavily supported with steel beams. Located at the return air portal is an 8-foot axial flow fan. The fan is slightly offset from the portal for explosion protection and provides the negative ventilating pressure for the mine. The ventilating air current is drawn into the mine through the intake portals and is discharged via the return air portal after circulating the required areas of the mine.

The fan and the immediate area around the portal are graded to provide drainage away from both structures.

Warehouse-Shop-Office Building

Map Code: 11, Plate II-1
Status: existing - 4th quarter 1978

The warehouse/office building measures approximately 100' x 40' and is segmented into three sections. Three-fourths of the available space is devoted to the warehouse, while the remaining space is allocated to the main shop and offices.

This building is used to house the mine offices, main shop and warehouse. The offices serve as the headquarters for the mine. The warehouse provides enclosed storage space for small and delicate mine supply items the main shop is used to perform repairs and routine maintenance on mine equipment.

The surface drainage from the area around this building is con-trolled by the approved surface drainage control system. The waste water from the building is cycled through an approved sewage system.

Bathhouses

Map Code: 12, Plate II-1
Status: existing – three prior to 1975

The bathhouses consist of five units which were converted from trailer-type mobile homes. Each bathhouse is equipped with shower stalls, toilets, sinks, and lockers. The largest of the three units contains a separate installation for female personnel.

Bonding Calculations

Direct Costs		
Subtotal Demolition and Removal	$212,148.00	
Subtotal Backfilling and Grading	$1,495,322.00	
Subtotal Revegetation	$596,753.00	
Direct Costs	$2,304,223.00	
Indirect Costs		
Mob/Demob	$230,422.00	10.0%
Contingency	$115,211.00	5.0%
Engineering Redesign	$57,606.00	2.5%
Main Office Expense	$156,687.00	6.8%
Project Mainagement Fee	$57,606.00	2.5%
Subtotal Indirect Costs	$617,531.00	26.8%
Total Cost	$2,921,754.00	
Escalation factor		1.013
Number of years		4
Escalation	$154,920.00	
Reclamation Cost Escalated	$3,076,674.00	
Bond Amount (rounded to nearest $1,000) 2013 Dollars	$3,077,000.00	
Bond Posted 2009 Dollars	$3,510,000.00	
Difference Between Cost Estimate and Bond	$433,000.00	
Percent Difference	14.07%	

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
	Bath Houses 6 Trailers																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished					50	20	10							3	CF		30000	CF	0
	Rubble's Weight (exclude steel)											389				CY	0.35			
	Truck's Capacity												1.4			TON/CY		545	TON	
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	435.96	/day															
	Transportation Cost Non Steel Drive	Nielson Construction	Nielson Con.	7	/TON									3		HR		0.4	Day	348
	Disposal Cost Non Steel																	545	TON	7630
	Steel's Weight																			
	Truck's Capacity											545				TON		545	TON	
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			7978
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost			9.92	CY						63						1.3	82		813
	Concrete's Vol. Demolished																			
	Loading Cost	Front end Loader 3 CY	31 23 16 42 1300	1.59	CY						82							82		130
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 Mile Round	31 23 23 18 0320	3.73	CY						82							82		306
	Disposal Costs	Disposal On site	02 41 16 17 4200	9	CY						82							82		738
	Subtotal																			1987
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			9965

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
	Tipple Stacker Reclaim 01																			
	Tipple Control Station 02																			27696
	Tipple Transformer Bld 03																			427
	Steam Cleaner Bld 04																			379
	Transformer Storage Pad 05																			407
	Mine Substation 06																			393
	Rock Dust Silo 07																			4032
	Mine Fan Bld 08																			567
	Foreman Office Trailer 09																			1453
	Warehouse Office Bld 10																			1448
	Fresh Water Treatment Bld 11																			3725
	Explosive Storage Bld 12																			716
	Bath house 6 trailers																			44
	Truck Scale Old 14																			9965
	Truck Scale New 15																			1295
	Bridge Quitchupah Creek 16																			1174
	Sewage Pumping Station 17																			1413
	Borehole Pump Facility 18																			415
	Power Line 19																			15106
	Metal Storage Bld 20																			2845
	Storage Tank Containment Area 21																			199
	Water Tank 100000 Gallon 22																			850
	Stoker Oil Heater Enclosure 23																			826
	NPDES Outfalls 24																			816
	Storage Trailers Three 25																			824
	Fence 26																			3989
	Seal Portals 27																			2030
																				20800
	4th East Portal																			
	Crusher Screen Building 28																			
	Conveyor System 29																			13662
	Radial Stacker 30																			438
	Water Tank 31																			1303
	Rock Dust Bin 32																			6375
	Ventilation Fan 33																			681
	Coal Stockpile Feeder 34																			11880
	Loadout 35																			88
	Powerline 36																			8648
	Entrances 4th East 37																			10050
	Wind Fence 38																			25600
	Cattle Guard 39																			1333
	Concrete Barriers 40																			419
	Sampler Building 41																			1768
	Oil Storage Building																			5731
	Recessed Feeder																			3747
	Trash Pit																			437
	Forth East Fence 45																			848
	Skid Mounted Sheds 46																			10523
	Rescue Training Pad 47																			4191
																				590
	Total																			212138