

0097



CONSOL ENERGY

Consolidation Coal Company

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

December 3, 2007

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

Incoming
C/015/0015
#2885 OK

Re: Emery Deep Mine Permit C/015/015
Amendment to MRP (re-submittal of full extraction pillar splitting plan, planned subsidence 15th W, 4th E, 6th W, Zero N panels, updated Chapter VI Hydrology, updated surface property control, and updated roof & floor analysis.)

Dear Mrs. Grubaugh-Littig:

Per your November 30, 2007 status memo Task 2821 please consider this a re-submittal of Consol's additional full extraction areas, updated Chapter VI Hydrology (PHC), updated surface property control and Pre-Subsidence survey, additional roof & floor analysis in the 1st North area. Enclosed please find three (3) redline strikeout copies of the submittal. Also attached please find executed C1 and C-2 forms. A copy of the submittal has been forwarded to your Price field office. This re-submittal combines the original August 3rd submittal and all the subsequent deficiency responses (10/3, 10/12, 10/17, 10/26) into one package.

Per the ongoing expansion of the Emery Mine, Consol plans to increase the resource recovery by utilizing a pillar splitting plan that would fall into the planned subsidence category. This full extraction plan is for the 15th West, 4th East, 6th West, and Zero North panels. Consol will obtain MSHA approval prior to commencing pillar splitting. The archeology and SHPO concurrence for these areas has been completed under the previously approved Federal IBC, and additional Archeology work completed under MOAC Report 7-323.

At the request of Division staff, the entire Chapter VI has been revised. The Hydrology section has been organized to follow the R645-301-700 regulations. All pertinent maps, tables and figures have been updated using all available data. Additionally a Modflow prediction model has been incorporated in the section. Several of the original Plates have been renumbered for ease of review. CH VI Table of Contents and the C2 forms lists the ones that have been changed. Under section VI, Consol has revised Plate VI-10 (Surface Drainage Control Map) and added several additional Plates depicting the drainage areas on a larger scale.

Per the C2 form, please place the MOAC report 7-323, Plate X.A.1, Emery County Road and PacifiCorp powerline subsidence agreements into the CONFIDENTIAL file.

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

Sincerely,

John Gefferth

John Gefferth
Environmental Engineer

File in: *C/015/0015, 2007, Incoming*

Refer to:

- Confidential
- Shelf
- Expandable

Date: *12-3-07* For additional information

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CC: Karl Houskeeper -- DOGM-Price Field Office-with attachments

Attachments

JAG/jag fullextracPHC.15w4e6wZN.1207resub.doc

DIVISION OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Consolidation Coal Company

Mine: Emery Mine

Permit Number: 015/015

Title: PHC update, planned subsidence for 15th W, 4th E, 6th W ZN

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

Total PHC update, Planned Subsidence for the, 15th W, 4th E, 6th W, Zero North

12/07

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 11/30/07
Sign Name, Position, Date *Gen. Mgr., Environmental Services*

Subscribed and sworn to before me this 30th day of November, 2007

Janice L. Davis
Notary Public

My commission Expires:

Attest: State of

County of

June 23, 2009

Pennsylvania

Allegheny

} ss:

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Janice L. Davis, Notary Public
Upper St. Clair Twp., Allegheny County
My Commission Expires June 26, 2009

Member, Pennsylvania Association of Notaries

For Office Use Only:

Assigned Tracking Number:

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DIV. OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: Consolidation Coal Company

Mine: Emery Mine

Permit Number: 015/015

Title: PHC update,planned subsidence for 15th W,4th E,6th W,Zero North

12/07 Page 1

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

			DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Chapter I, App I-2, pages 1,1a,2,3,3a,4,4a,5,5a,6,6a,7,7a (old surface property control)
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter I, App I-2, pages 1,2,3,4,5,6,7 (new surface property control)
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter I, Plate I-1, Surface and Coal Ownership
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	CH V, Table of Contents
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter V, Pages 15a through 15e (roof & floor analysis 1st North area)
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter V page 26 (Pre-subsidence survey update commitment)
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter V, page 42 (Emery Town Well)
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter V, Plate V-5 (Subsidence Monitoring Points and Buffer Zones - add full extract)
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter V cover page for Appendix V-3
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter V App V-5 (Pre-subsidence survey prior to full extraction 15W,4E,6W,ZN)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Chapter VI pages 1 through 190 (old hydrology section text)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Chapter VI Figures VI-5 (2), 6 (2), 7 (2), 8, 9(2) (old hydrograph figures)
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter VI Hydrology text, tables and figures (revised hydrology section)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter VIII, Plate VIII-1, Vegetation and Landuse Map (add full extract)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter IX, Plate 10-1, Selected Wildlife Information (add full extract)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter X, index page
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter X, Archeology report (MOAC 07-323) (CONFIDENTIAL)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter X, Plate X.A-1, Permit Area Cultural Resources (CONFIDENTIAL add full extract)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Emery County Road subsidence mitigation agreement (CONFIDENTIAL)
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	PacifiCorp powerline subsidence mitigation agreement (CONFIDENTIAL)

Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.

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12/07 Page 2

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<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	DESCRIPTION
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-1, Upper Ferron Sandstone potentiometric Surface (1979) (orig Plate VI-9)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-2, Lower Ferron Sandstone Potentiometric Surface (1985)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-3, Water Rights Map
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-4, Ground Water Monitoring Well and Surface Water Monitoring Site Location Map (orig Plate VI-3)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-5, Geology of the General Mine Area (orig Plate VI-2/2A)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CH VI, Plate VI-6 Geomorphic Map
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-6, Historic and Planned Mining Sequence (orig Plate VI-6A)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-7, Upper Ferron Sandstone Potentiometric Surface (2006) (New)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-8, Lower Ferron Sandstone Potentiometric Surface (2006) (New)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-9, Misc. Surface Water Data Collection Sites (orig Plate VI-1 new name)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-10, Surface Drainage Control Index Map
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-10A, Surface Drainage Control Map
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-10B, Surface Drainage Control Map
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-10C, Surface Drainage Control Map
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CH VI, Plate VI-10D, Surface Drainage Control Map
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-1 Groundwater Monitoring-Water Quality Data (updated data)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chapter VI App VI-4 Permit renewal water samples (old water data now included in VI-5)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-4 Water Rights (inserted data)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-5 Surface Water Monitoring- Flow & Water Qual Data (updated data)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-10 Groundwater Monitoring - Water Level Data (inserted data)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-11 USGS Streamflow Data (inserted data)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-12 UPDES Monitoring Data (inserted data)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-13 Data from Misc Surface Water Quality Studies (inserted data)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-14 Mass-Balance Estimates of Future Mine-Water Discharges (inserted)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter VI App VI-15 MODFLO Report (inserted data)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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