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DIV. OF OIL, GAS &amp; MINING

Consolidation Coal Company

P.O. Box 566

Sesser, IL 62884

Phone: (618) 625-2041

Fax: (618) 625-6844

OK

November 1, 2002

Mr. Daron Haddock, Permit Supervisor  
 Utah Coal Regulatory Program  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

*J. McGinnis*  
 11/15/02

Re: 4<sup>th</sup> East Portal Excavation, Consolidation Coal Company, Emery Deep Mine,  
 C/015/015-AM02B

Dear Mr. Haddock:

The enclosed revised narrative is to address technical deficiencies identified by your department in their review of our May 17, 2002, "Application For Permit Change". The changes involve information contained within the Mining and Reclamation Plan for the Emery Deep Mine. We offer the following responses to these deficiencies:

**R645-301-725.100**, The Permittee will have to contact the Utah Division of Water Rights to determine if any water rights need to be filed on the water that will be diverted into the mine.

*Mark Page from the Division of Water's, Price Office has been contacted to discuss this matter. Mr. Page stated in a telephone conversation that obtaining water rights for this small area would not be required. On October 19, 2002 a letter and map was forward to Mr. Page requesting written verification concerning this matter.*

**R645-301-121.100**, 1) The submittal must indicate that the topsoil is stored underneath the excavated material stockpile, not within the excavation stockpile as stated on page 15, Chapter III. 2) Two pages of 17a and 17b were submitted with different dates and figures on the pages. Please remove from the final submittal the excess pages. 3) Page IV-7 of the submittal must be updated with field modifications for in-place protection of topsoil that occurred on site during placement of the topsoil and excavated material. 4) The submittal must include an explanation on page IV-7 for deviating from the normal topsoil handling practice.

*Narrative has been revised to reference that topsoil is stored in-place underneath the excavation stockpile. Pages 17a and 17b note the same insertion dates.*

*Page IV-7 has been revised to explain the procedure performed to place the excavated material over the in-place topsoil. The narrative also denotes the deviation from normal topsoil handling practices as defined in Chapter III.E.1.*

**R645-301-121.200,** 1) The application should indicate on page III-15, that there will be three entries at the 4<sup>th</sup> East Portal rather than one proposed portal at the Emery Mine. 2) The application refers to near future disturbance at the 4 E. Portal on page IV-16. This reference as well as Table III-2 must be corrected to delineate actual disturbance.

*Page III-15 delineates that 4<sup>th</sup> East Portal consists of three (3) entries.*

*Table III-2 and Page IV-16 have been revised to reclassify the 4<sup>th</sup> East Portal site from future disturbance to disturbed.*

**R645-301-132,** The Permittee must include with the submittal a statement of the qualifications and ARCPACS certification of the Mr. Jim Nyenhuis, the certified soil scientist who conducted the recent soil survey.

*Mr. Nyenhuis certification and qualifications have been attached as Addendum 1 to Appendix VII-3.*

**R645-301-142,** The Permittee is required to update the PHC to identify changes in probable hydrologic consequences as a result of inactivity and any potential impacts from future mining.

*Determination of probable hydrologic consequences for the 4<sup>th</sup> East Portal is insert as VI.A.7.1, Chapter VI.*

*Probable hydrologic consequences of mining have been discussed in great detail within Chapter VI.A and VI.A.7. The monitoring program of groundwater and surface water has continued during the inactivity. Dewatering program of the underground mine has continued with only minor interruptions for repair to the dewatering pumps. Annual water data usage has been reported the Division of Water along with required quarterly water sampling program approved under this permit.*

*Development of the 4<sup>th</sup> East Portal should not change or effect the PHC as described in the current MRP. The area has already been included in the mining boundary. The coal seam is relatively shallow (approximately 70 feet) from the surface. It is anticipated that any impact that could result may be the temporary dewatering of the alluvial aquifer. This aquifer will also be affected by continuing drought within the area. Couple of groundwater monitoring wells (S1-3 and S1-3) exists within the vicinity of the site.*

**R645-301-142**, The Permittee will submit a reclamation schedule identifying the timing of removing and reclaiming of the drainages, berms, culverts, retention ponds, sedimentation pond and silt fences in relation to mining structure removal, re-grading and reseeding.

*Time frames for reclamation of the 4<sup>th</sup> East Portal is included in Chapter III, Page 4a. The schedule provides an approximate schedule in year and days for removal of all structures, backfilling, grading, stream restoration, topsoil, seeding and mulching.*

**R645-301-222**, The Permittee must include in Appendix VII-3 the field notes, discussion, conclusions and soils map resulting from Jim Nyenhuis' site visit on May 31, 2002.

*Mr. Nyenhuis's notes and topsoil depth map is included as part of Addendum 1 to Appendix VII-3.*

**R645-301-231.400**, 1) The submittal must indicate which seed mix was used on the topsoil pile and which mix was used on the berms surrounding the pile. The submittal must also describe the length of time that passed between stockpiling and seeding and between seeding and any applications of water. The submittal should define the irrigation of the topsoil pile and berms (frequency and amount of water applied). 2) The submittal should be updated with a drawing of topsoil pile, indicating volumes surveyed in the pile (as per the MRP, page IV-8).

*The seed mix utilized on the topsoil pile consisted of the cold season mix defined in Chapter VIII.C.3. This mix included crested wheatgrass, fourwing saltbush and Russian wildrye. The topsoil berm was seeded with warm season mix described in Chapter VIII.C.3. Refer to page 7 and 7a of Chapter IV.*

**R645-301-240, -234.220**, The plan must explain the purpose and describe what analyses will be conducted on the in-place stored topsoil and what equipment will be used to loosen the compacted in place topsoil.

*Narrative as to the proposed analyses is stated in Chapter III, Page 20. The soil sample taken from the exposed in-place topsoil will be compared to an adjacent undisturbed sample of similar soil type. The analyses will include but not limited to pH, selenium, sodium absorption ratio, electrical conductivity, organic matter, total nitrogen, soluble potassium and phosphorus, boron and soil texture.*

**R645-301-242.110**, The plan should calculate the replacement of topsoil to those areas where topsoil was removed, not the entire site.

*The coverage depth calculation is included in Chapter III, Page 21.*

*The in-place topsoil storage areas have been excluded from the area to be topsoil distribution.*

**R645-301-244**, The plan should describe wind erosion control during plant establishment and provide a method using the use of the best technology available to re-establish cryptogams to the soil surface.

*During the topsoil salvage operation the topsoil crust consisting of the top 3 to 4 inches was segregated from the rest of the topsoil. Upon final development of the topsoil stockpile this crust material which included the cryptogamic plant material was re-spread over the surface of the stockpile.*

*To protect the cryptogams from wind erosion the surface of the completed topsoil by placing random depressions over the top of the stockpile.*

*The stockpile was seeded and mulched and irrigated (page 7a, chapter iv) in an effort to promote germination and revegetation to protect the topsoil from erosion.*

Refer to Chapter II, Page 23 for proposed procedure to harvest cryptogams.

**R645-301-244.100**, The submittal should indicate measures to be taken to establish wind erosion control on the excavated material pile.

*It is not expected that erosion on the excavation material pile will be a problem. This assumption is based on the fact that the pile consists of angular sandstone. Much of the sandstone fragments from the blasting resulted in material from cobble to boulder size. The pile is porous, therefore allowing precipitation events to carry the fine loose grain material downward into the inner voids and protection from winds. Some the large rock may be placed along the western edge and scattered around the top to break the prevailing west wind.*

**R645-301-322**, A baseline surveys for macro invertebrates and fish must be conducted in Quitchupah Creek and/or Christiansen Wash above and below the facilities area. The data, results and conclusions must be included in the MRP.

*JBR Environmental Consultants conducted baseline survey for macro-invertebrates and fish. The survey was conducted September and lab analysis is unavailable at this time. These reports will be forwarded to the Division of Oil, Gas and Mining upon our acceptance of the final report.*

*Narrative of the sampling methods used by JBR has been included as Appendix IX-2 of Chapter IX.*

**R645-301-331**, The application must describe a method to revegetate interim disturbances.

*Due to disturbing the 4<sup>th</sup> East Portal area in late 3<sup>rd</sup> and 4<sup>th</sup> quarter of 2002, the vegetation of disturbed areas will wait until June of 2003. At that time the areas disturbed will be lightly ripped and seeded with the warm season mix described in Chapter VIII.E.1. The ripping operation should not penetrate more than 8-inches with a spacing of 2-feet.*

*Until that that time the disturbed areas will be lightly ripped and mulched to protect the soils from water and wind erosion.*

**R645-301-340**, The application must describe methods to re-establish the predisturbance plant community and restore the site to its premining land use.

*Since 2000, several changes to the MRP have been made with seed mixes, seedbed preparation (roughening) and use of a variety of mulches (including rock). In this application, we propose the harvesting of cryptogamic material and the segregation of the topsoil crust (2-inches) for respread on topsoil stockpiles. In-place topsoil storage is proposed also under this application. Based on the field visit in September to the BLM reclamation plots, we can see vegetation will succeed with time.*

*Hidden Valley with the restoration of the "B" seam through the roughening and use of rock mulch in 1998 appears to be enhancing the growth of vegetation.*

**R645-301-420**, The revised Division of Air Quality Approval Order and "Permit to Construct" must be included with the application.

*Approval for this "Permit to Construct" has been received and is included as Appendix X-C-2*

**R645-301-521.100**, The Permittee will have to make changes on the maps to conform to changes described in the Hydrologic Resource Section. The Permittee should also identify hydrologic structures such as berms, culverts and silt fences to ensure concise identification.

*These changes have been made and are reflected on the "Surface Drainage Control Plan" Plate VI-10a and the "4 East Portal Plan and Cross Sections", Plate IV-3 thru 3b.*

**R645-301-521.150 and R645-301-121.200**, The Permittee will clearly label Plate III-5 as showing both the premining and postmining topography for the 4<sup>th</sup> East Portal areas. The Permittee will also reference that information in the MRP text.

*The revised Plate III-5 clearly shows and delineates pre and post-mining topography.*

**R645-301-521.160**, The Permittee must give the Division a map that shows all the surface facilities for the 4<sup>th</sup> East Portal area. This map is needed so that the Division's inspector can check surface facilities against one map. The Permittee can contact the inspector for additional information about the surface facilities map.

*"Surface Facilities Map", Plate II-3 is included to represent the proposed surface structures that will exist at the 4<sup>th</sup> East Portal Site.*

**R645-301-526.110**, The Permittee must state in the MRP text what existing structures if any exist at the 4<sup>th</sup> East Portal disturbed area.

*The statement to pre-existing structures prior to June 2002 is included on Page 1 of Chapter II.*

**R645-301-526.116**, The Permittee must state what steps will be taken to protect the public from mining and reclamation activities that will be conducted within 100 feet of the County Road in and around the 4<sup>th</sup> East Portal disturbed area.

*Narrative has been included as part of Appendix IV-7-G. The site is entirely fenced. Permit signs are present on the fence in accordance with MSHA and this MRP. Stop sign will be posted at the entrance gate for vehicles entering from the mine onto County Road No. 9-15. County Road 9-15 will be posted with road signs warning of the mine entrance. Visibility around the 4<sup>th</sup> East Portal sight is open with low vegetation.*

**R645-301-527**, The Permittee must classify each road that will be constructed within the 4<sup>th</sup> East Portal disturbed area, and include a detailed description of each road that contains the road gradient, road surface, road cut and fill embankments, culverts and ditches.

*This information is included in Chapter II, Page 17e, Chapter III, Page 10a and Appendix IV-7-G, "4<sup>th</sup> East Portal Roads".*

*The site will consist of a 1,100 ft primary road and 1,300 feet ancillary road. Haulage trucks for loading and supply trucks for the underground operation will use the primary road. The ancillary roadway will access the ventilation fan.*

**R645-301-528**, The Permittee must list all support facilities and utility installations in one section of the MRP. That list must show all structures that will be constructed in the 4<sup>th</sup> East Portal disturbed area.

*This information is contained in Chapter II, Pages 17 thru 17e and on the "Surface Facilities Map", Plate II-3.*

**R645-301-528.320**, The Permittee must state how they will handle coal mine waste at the 4<sup>th</sup> East Portal area. For example, the Permittee must state if coal mine waste will be temporarily stored before taken to a disposal site.

*Coal mine waste may be temporarily stored at the 4<sup>th</sup> East Portal site. We anticipate some coal waste to be generated during construction of the site. The waste will be stockpiled within the watershed of the sedimentation pond no. 9. Because of the lack of room on the site, we anticipate the coal waste to remain on site for a relatively short time.*

*We do expect to maintain some amount of waste generated from the coal mining process on site. Accumulation of this waste will be stored in containers, bins or scrap trailers until disposed of*

**R645-301-536**, 1) The Permit Application must provide an estimate of the amount of coal mine waste to be generated by mining at the 4<sup>th</sup> East Portal. 2) The submittal must state that the excavated material storage pile will not be the repository for underground development waste as defined by R645-100. 3) The submittal must state how the refuse generated by the 4<sup>th</sup> East Portal development and by operations will be handled (see similar deficiency under R645-301-528.320).

*This calculation is included in Chapter IV, Page 8a. The narrative of Page 8 of Chapter IV, states, "no coal or refuse generated from the coal seam or other toxic material shall be temporarily placed in or on the excavation material stockpile."*

*Again once mining begins we do not anticipate the generation of coal refuse. The mine plan calls for coal roof and floor to remain.*

*Some refuse will be generated during the excavation of the ramp and the three (3) entries. This refuse will be temporarily stockpiled within the drainage area of sedimentation pond no. 9. The pile shall be loaded into highway trucks and hauled from the site and placed in the approved waste material pile located at the old Emery plant facilities.*

**R645-301-542.200**, The Permittee must give the Division a detailed cut and fill chart for the reclamation of the 4<sup>th</sup> East Portal area. The Division is concerned that there may be excess material from excavated material stockpile due to swelling.

*This chart is included in Chapter III, Page 15c.*

**R645-301-542.600**, The Permittee must state how roads in the 4<sup>th</sup> East Portal area will be reclaimed.

*Currently the two (2) roads will only consist of a rock surface. The base of the road is already on sandstone. This rock/gravel will be picked up and utilized as backfill material in reclamation of the boxcut or ventilation shaft. The site will be raised to within 9 to 10 inches of the original topography with material from the berms. Topsoil will then respread to obtain original contours. The site will be prepared to be seeded by roughening of the surface and vegetated in accordance with Chapter VIII.E.1.*

**R645-301-551**, The Permittee must commit to both constructing MSHA approved seals and backfilling a minimum of 25 feet for all portals. In addition, the Permittee must state how the backfill material in the shaft is to be placed to prevent movement that would result in settlement of the reclaimed surface.

*MSHA approved seals will be utilized with a minimum backfilling of 25 feet in each of the three (3) entries located at the 4<sup>th</sup> East Portal site. Refer to Page 16 of Chapter III.*

**R645-301-553**, The method of compaction of the excavated material into the box cut must be described. Compaction by free fall is not acceptable.

*Backfill of the box cut will be performed by truck and shovel. The trucks will spread the backfill material in three (3) foot lifts. The placed material will be traversed over by the trucks and compactor (ex. Cat 826) to compact the material. Large rock encountered, as backfill material will be separated out and not used as fill. These large rocks will be utilized as surface structures and for channel restoration of the ephemeral stream.*

**R645-301-553.130**, The Permittee must show that the reclaimed slopes will have a static safety factor of 1.3 or greater.

*Static Factor of Safety has been calculated and placed in a Table on Page 15a of Chapter III.*

*The factor of safety calculated for the 2H: 1V, 10-foot slope of the stream bank restoration is only 1.2. The construction of the stream bank will consist of placing sandstone boulders to promote vegetation and habitat for wildlife. The channel bottom will consist of a rubberized or other impervious liner covered by the larger flat sandstone rocks. Rock will also be placed on the side slopes to protect against erosion.*

**R645-301-725.100**, The Permittee must obtain UPDES permits for the retention basins.

*The retention basins have been sized to fully contain the runoff of a 100-year/ 24-hour storm.*

**R645-301-731**, The Permittee must construct sediment controls to treat or contain the runoff that does not flow to the sedimentation pond, ramp area or retention basins. The Permittee shall make changes to maps to reflect hydrologic structure modifications.

*Plates VI-10a shows the hydrologic structures for the 4<sup>th</sup> East Portal site. Runoff which do not flow to the retention or sedimentation pond will pass through silt fences installed around the perimeter of the disturbed area. Refer to Chapter VI.B.3, "Surface Water Management", Pages 185 thru 188h.*

**R645-301-731**, The Permittee shall provide silt fence installation drawings and identify the location and placement of silt fences on a map. Silt fence is required around the boundary of the west and north sides of the 4<sup>th</sup> East portal area.

*Silt fence procedures and methods of use are described in the MRP, Chapter VI.B.3, Page 188c.*

**R645-301-731.221**, The Permittee must provide a monitoring plan for the retention ponds. The plans must show that the retention pond will have decant pipes and be monitored according to the UPDES permit.

*The plan has been revised to construct the retention basins as full containment structures. The retention basins are sized to contain runoff from a 100 year/24 hour storm. Design information located in Appendix VI-8 of Chapter VI.*

**R645-301-731.510**, The Permittee shall identify the amount of surface runoff draining into the mine from the surface and any potential for contamination or impacts to underground water.

*Surface runoff running into the portal excavation is 2.7 acres. A sump will be constructed in the bottom of the ramp to intercept some runoff from entering the mine. The water collected in the sump will be pumped to the sedimentation pond no.9. The water, which does enter in the mine, is not expected to impact groundwater. What water will enter the mine will be mixed with rock dust. Refer to Chapter VI.A "Water Quality Change Within the Mine", Page 169*

**R645-301-762.100**, The Permittee will submit detailed reclamation plans to identify backfilling and compaction of the ramp/ROM stockpile area, and designs to show how the stream channel will be rebuilt to ensure a stable channel with low leakage potential to prevent infiltration of runoff into the fill material of the ramp/ROM fill.

*The excavated boxcut area will be backfilled in three (3) foot lifts and compacted by heavy equipment and compactor traversing the site. Large rock will be separated from the backfill material and used in channel reconstruction of the ephemeral stream. Rubber liner or other impervious material will be installed at an elevation four (4) feet below the original streambed. The large sandstone will be placed to form a flat channel bottom six (6) foot wide, side slopes 2H: 1V with a depth of 4 feet. Refer to Plate III-10 for profile and plan view.*

**R645-301-830**, The Permittee must provide the Division with a detailed reclamation bond cost estimates in the form outlined in the *OSM Reclamation Handbook* for the entire Emery Deep mine. The bond calculations for the Emery Deep mine are not in a form that the Division can use to determine the adequacy of bonding. The Division will supply a copy of the handbook and other technical support as needed by the Permittee.

*Bond calculation has been performed and inserted as Chapter IV.B.1, "4<sup>th</sup> East Portal Reclamation Cost". It's understood that this does not complete the deficiency as requested. Based on previous conversation it is understood that approval of this application will be conditioned on following up with a new application to recalculate the bonding requirements over the entire permit.*

If you have any questions concerning this application, please call me at (618)997-1383.

Sincerely



Timothy D. Kirschbaum  
Environmental Engineer

# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

**Permittee:** Consolidation Coal Company

**Mine:** Emery Deep Mine

**Permit Number:** 015/015

**Title:** 4<sup>th</sup> East Portal Expansion

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

Development of the 4<sup>th</sup> East Portal site to include coal handling & ventilation facilities

**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.

John Zachwieja  
Print Name

John Zachwieja Gen. mgr., 10-30-02  
Sign Name, Position, Date

Subscribed and sworn to before me this 30<sup>th</sup> day of October, 2002

Kimberly M. Jacovino  
Notary Public

Notarial Seal  
Kimberly M. Jacovino, Notary Public  
Peters Twp., Washington County  
My Commission Expires Aug. 24, 2004

Member, Pennsylvania Association of Notaries

My commission Expires: August 24, 2004  
Attest: State of Pennsylvania } ss:  
County of Washington

<p><b>For Office Use Only:</b></p>	<p>Assigned Tracking Number:</p>	<p>Received by Oil, Gas &amp; Mining</p> <p style="font-size: 2em; font-weight: bold;">RECEIVED</p> <p style="font-size: 1.5em;">NOV 01 2002</p> <p>DIV. OF OIL, GAS &amp; MINING</p>
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# APPLICATION FOR COAL PERMIT PROCESSING

## Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: Consolidation Coal Company  
 Mine: Emery Deep Mine Permit Number: 015/015  
 Title: 4th East Portal Expansion

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

<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	DESCRIPTION
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter II, Page 1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter II, Page 1a
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter II, Page 4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter II, Page 4a
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter II, Page 17a thru 17e
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter II, Page 18
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter II, Page 20, 21 + 23 + 24 + 26
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter III Pages 2 + 4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter III, Page 4a
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter III, Pages 6, thru 9
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter III, Page 10a
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter III, Page 12
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter III, Page 12a
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter III, Page 15
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter III, Page 15a thru 15c
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter III, Page 16, 17, 18, 20 + 21
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter IV, TABLE OF CONTENTS
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter IV, TABLE OF APPENDICES
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter IV, TABLE OF PLATES
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter IV, Page 7
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter IV, Page 7a
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter IV, Page 8
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter IV, Page 8a + 8b
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter IV, Page 16
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter IV, APPENDIX IV.B.1 - 4th East Portal Reclamation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter IV, APPENDIX IV.7.G - 4th East Portal Roads
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chapter VI, Page 156, 157
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter VI, Page 181a e,

<p>Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.</p>	<p>Received by Oil, Gas &amp; Mining</p> <p><b>RECEIVED</b></p> <p>NOV 01 2002</p> <p>DIV. OF OIL, GAS &amp; MINING</p>
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# APPLICATION FOR COAL PERMIT PROCESSING

## Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: Consolidation Coal Company  
 Mine: Emery Deep Mine Permit Number: 015/015  
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			DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	CHAPTER VI 185-186
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	CHAPTER VI 188a, 188c, 188d
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	CHAPTER VI 188e
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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  <div style="border: 1px solid black; padding: 5px; display: inline-block;">                     RECEIVED                      NOV 01 2002                      DIV. OF OIL, GAS &amp; MINING                 </div>
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