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State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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July 19, 1995

Brad Bourquin, P. E.  
Horizon Coal Company  
1131 South Dover Street  
Lakewood, Colorado 80232

Re: Initial Completeness Review, Horizon Coal Company, Horizon Mine, PRO/007/002, Folder #3, Carbon County, Utah

Dear Mr. Bourquin:

The Division has completed the initial completeness review of your permit application package submitted on May 2, 1995. The results of the review are discussed in the enclosed worksheet. As you can see, the majority of the categories have been checked to indicate that they are considered complete enough to initiate technical processing and public review. There are, however, several categories that are not considered administratively complete. These are marked with an X. Horizon Coal Company will need to provide information which addresses these categories before further processing can occur. Please provide the required information by no later than September 20, 1995.

If you have questions, please call me or the appropriate member of my technical review staff.

Sincerely,

A handwritten signature in cursive script that reads "Daron R. Haddock".

Daron R. Haddock  
Permit Supervisor

blb

enclosure

cc: J. Kelley  
S. White  
D. Darby  
S. Falvey  
H. Sauer  
P. Grubaugh-Littig

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**ADMINISTRATIVE COMPLETENESS REVIEW WORKSHEET**  
(R645-301-150)

DATE: July 19, 1995

REVIEWER(S): Dave Darby, Sharon Falvey, Jess Kelley, Henry Sauer, Susan White

APPLICANT: Horizon Coal Corporation

MINE NAME: Horizon Nos. 1 & 2 Mines

FILE NO. PRO/007/020

**"Administratively Complete Application"** means an application for permit approval or approval for coal exploration, where required, which the Division determines to contain information addressing each application requirement of the State Program and to contain all information necessary to initiate processing and public review.

**Directions:** The categories listed below correspond to the minimum requirements for information necessary to initiate processing and public review. If a category is checked the Applicant has met the Completeness requirement for that category. If a category is not checked (marked with an X), the Completeness requirements have not been met. The comments column will identify the deficiency and what is necessary to correct it.

**Comments**

301-112	Identification of Interests <span style="float: right;"><u>X</u></span>	Chapter 2. The sublease from Hidden Splendor for Federal lease SL 063011 is incorrectly identified on the maps. No copy of the lease is provided.
100	Applicant's Business Structure <span style="float: right;"><u>✓</u></span>	Page 2-1.
210	Applicant's Name/Address/Phone <span style="float: right;"><u>✓</u></span>	Page 2-1.
220	Resident Agent's Name/Address/Phone <span style="float: right;"><u>✓</u></span>	Page 2-1.
230	Name/Address/Phone of AML Fees Payer <span style="float: right;"><u>✓</u></span>	Page 2-3.

300	Corporate Structure & Ownership <u>✓</u>	Pages 2-1, 2-2.
400	Identify Other Mining Operations in US <u>✓</u>	Page 2-2.
500	Surface & Mineral Ownership <u>✓</u>	Page 2-6, Figures 4-4, 4-5, Plates 4-1, 4-2, Appendix 2-1.
600	Ownership Contiguous to Permit <u>✓</u>	Figures 4-4, 4-5, Plate 4-1.
700	MSHA Numbers <u>✓</u>	Page 2-3.
800	Interest in Contiguous Lands <u>✓</u>	Chapter 4.

**Comments**

301-113	Violation Information <u>✓</u>	Pages 2-3, 2-4.
100	Suspension or Revocation Information <u>✓</u>	Page 2-3.
300	List of Violations - <b>3 Previous Years</b> <u>✓</u>	Pages 2-3, 2-4.

**Comments**

301-114	Right of Entry <span style="float: right;"><u>  X  </u></span>	Page 2-4, Appendix 2-1. The applicant has an assignment of lease from Hidden Splendor Resources, LTD in Appendix 2-1. However, no copy of the actual lease is provided.
301-115	Status of Unsuitability Claims <span style="float: right;"><u>  ✓  </u></span>	Page 2-4.
301-116	Permit Term <span style="float: right;"><u>  ✓  </u></span>	Page 2-4.
301-117	<p>....Insurance <span style="float: right;"><u>  ✓  </u></span></p> <p>....Proof of Publication <span style="float: right;"><u>  ✓  </u></span></p> <p>....Facilities and Structures Used in Common <span style="float: right;"><u>  ✓  </u></span></p>	<p>Page 2-4.</p> <hr/> <p>Page 2-4.</p> <hr/>
301-118	Filing Fee <span style="float: right;"><u>  ✓  </u></span>	Appendix 2-2.

Comments

301-123	Notarized Signature of Responsible Official <u>✓</u>	Appendix 2-1.
301-130	Information Collection: Technical Data Accompanied by Names of Persons or Organizations that Collected and Analyzed the Data - Dates of Collections - and Analysis of the Data and Description of the Methodology Used to Collect and Analyze Data <u>✓</u>	
301-200	Soils <u>✓</u>	
211	Description of Premining Soil Resources <u>✓</u>	Pages 8-1, 8-2.
221	Prime Farmland Investigation <u>✓</u>	Page 8-13.
222	Soil Survey <u>✓</u>	Pages 8-2 through 8-9.
224	Substitute Topsoil Info (When Proposed) <u>N/A</u>	
230	Operation Plan: Topsoil Handling/Removal/Storage <u>✓</u>	Pages 3-30, 8-11.
240	Reclamation Plan: Soil Redistribution/Stabilization <u>✓</u>	Pages 8-18 through 8-20.

Comments

301-300	Biology <u>✓</u>	
320	Vegetation Information <u>✓</u>	Plate 9-1, Appendix 9-1.
322	Fish and Wildlife Information <u>X</u>	Chapter 10. The permit does not discuss the area proposed to be used as a sediment pond as to its potential to be classified as a jurisdictional wetland with regulation under Section 404 of the Clean Water Act.
323	Maps/Photos: Vegetation-Fish-Wildlife Areas <u>✓</u>	Plate 9-1, Appendix 10-1.
330	Operation Plan: Vegetation-Fish-Wildlife Protection <u>✓</u>	Pages 3-31, 3-32, 10-35.
341	Reclamation Plan for Revegetation <u>✓</u>	Page 3-47.
342	Fish & Wildlife Plan for Reclamation Phase <u>✓</u>	Page 3-52.

301-400	Land Use and Air Quality <u>✓</u>	
411	Pre-Mining Land Use Information (Includes Cultural Resources) <u>✓</u>	Page 4-8, Appendix 4-2.

412	Post-Mining Land Use Information	<u>✓</u>	Page 4-8.
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Comments

301-500	Engineering	<u>✓</u>	Chapter 3.
510 and 520	General Description of Operation Plan: (Maps, Locations, Cross-Sections, Narrative, Descriptions & Calculations)	<u>✓</u>	Chapter 3.
522	Coal Recovery Description	<u>✓</u>	Pages 3-18, 3-19.
523	Mining Methods	<u>✓</u>	Pages 3-10, 3-12, 3-17.
524	Blasting and Explosives Plan	<u>✓</u>	Page 3-27.
525	Subsidence Control Plan	<u>✓</u>	Pages 3-17, 3-18, 3-33 through 3-37, Plate 3-5.
526	Mine Facilities Description (Narrative, Plans, Maps) Including Existing Structures & Support Facilities	<u>✓</u>	Pages 3-1 through 3-9, Plates 3-1, 3-2, 3-2A, 3-2B.
527	Transportation Facilities (Including Plans & Maps)	<u>✓</u>	Pages 3-7, 3-9, Plate 3-1.
528	Coal Mine Waste Plans (Description & Designs)	<u>✓</u>	Pages 3-10, 3-18.
529	Management of Mine Openings (Design)	<u>X</u>	The plan needs to be revised to include information regarding the design and the management of the mine openings.
531	General Plans for Structures	<u>✓</u>	Pages 3-1 through 3-9.

532	Sediment Control	<u>✓</u>	Page 3-8.
533	Impoundments	<u>✓</u>	Pages 7-42 through 7-47, Plate 7-5.

**Comments**

301-534	Roads (Plans, Drawings, Designs, & Specifications)	<u>✓</u>	Page 3-9, Plate 3-2.
535	Spoil	<u>✓</u>	Page 3-10.
536	Coal Mine Waste	<u>✓</u>	Pages 3-10, 3-18.
537	Regraded Slopes	<u>✓</u>	Pages 3-44 through 3-46.
540 541-542	Reclamation Narrative, Maps and Plans	<u>✓</u>	Pages 3-38 through 3-59, Plates 3-7, 3-7A, 3-7B, 3-8.
551	Casing and Sealing: Underground Openings	<u>✓</u>	Page 3-38.
553	Backfilling and Grading Description	<u>✓</u>	Pages 3-44 through 3-46, Appendices 3-1, 3-2.

301-600	Geology	<u>✓</u>	
621	Description of Geology (Permit & Adjacent Area)	<u>✓</u>	

622	Geologic Cross-Sections, Maps, and Plans	<u>  X  </u>	Fault Maps, Maps 5, 6 and 7, do not show fault lines. They did not copy well from the original.
630	Plans for Casing and Sealing Holes	<u>  ✓  </u>	

**Comments**

301-700	Hydrology	<u>  X  </u>	No baseline groundwater information is provided for the Hiawatha seam. The technical review of groundwater and related information for the Hiawatha seam cannot, therefore, be completed.
721	Description of Hydrologic Resources: (Permit and Adjacent Area)	<u>  X  </u>	No baseline groundwater information is provided for the Hiawatha seam. The technical review of groundwater and related information for the Hiawatha seam cannot, therefore, be completed.
722	Cross-Sections and Maps: Subsurface Water - Surface Water - Monitoring Stations - Wells	<u>  X  </u>	No baseline groundwater information is provided for the Hiawatha seam. The technical review of groundwater and related information for the Hiawatha seam cannot, therefore, be completed.
723	Sampling and Analysis	<u>  X  </u>	No baseline groundwater information is provided for the Hiawatha seam. The technical review of groundwater and related information for the Hiawatha seam cannot, therefore, be completed.
724	Baseline Information: Ground Water - Surface Water - Geology - Climatological & Supplemental; If Needed	<u>  X  </u>	No baseline groundwater information is provided for the Hiawatha seam. The technical review of groundwater and related information for the Hiawatha seam cannot, therefore, be completed.
728	PHC Determination	<u>  X  </u>	The technical review of the probable hydrologic consequences (PHC) of the Hiawatha seam cannot be completed without baseline information.

730	General Operation Plan: Minimize Disturbance to Hydrologic Balance & Compliance with Clean Water Act <u>  X  </u>	The technical review of the means used to insure minimized disturbance to the groundwater in the Hiawatha seam cannot be completed without baseline information.
731	Ground and Surface Water Protection <u>  X  </u>	The technical review of the means used to protect groundwater aquifers above and below the Hiawatha seam cannot be completed without baseline information.
732	Ground and Surface Water Monitoring <u>  X  </u>	The adequacy of proposed groundwater monitoring cannot be determined without baseline information on the aquifers above and below the seams to be mined.

**Comments**

301-740	<b>Plans and Designs: Operation and Reclamation Plan</b> <b>Sediment Control Measures</b> <span style="float: right;">✓</span>	<hr/>
	....Siltation Structures <span style="float: right;">✓</span>	<hr/>
	....Sediment Ponds <span style="float: right;">✓</span>	<hr/>
	....Other Treatment Facilities <span style="float: right;">✓</span>	<hr/>
	....Diversions <span style="float: right;">✓</span>	<hr/>
	....Road Drainage <span style="float: right;">✓</span>	<hr/>
	....Impoundments <span style="float: right;">✓</span>	<hr/>
	....Discharge Structures <span style="float: right;">✓</span>	<hr/>
	....Disposal of Excess Spoil <span style="float: right;">✓</span>	<hr/>
	....Coal Mine Waste <span style="float: right;">✓</span>	<hr/>
	....Disposal of Non-Coal Mine Waste <span style="float: right;">✓</span>	<hr/>
	....Casing and Sealing of Wells <span style="float: right;">✓</span>	<hr/>

**Comments**

301-800	Bonding and Insurance	<u>✓</u>	Pages 2-4, 3-56 through 3-63.
820	Applicant: Have Adequate Bond at Permit Issuance	<u>✓</u>	Page 2-4: Permittee commits to having an adequate bond when permit is issued.
830	Bond Estimate and Calculations Provided	<u>✓</u>	Pages 3-56 through 3-63.
890	Certificate of Insurance Provided	<u>✓</u>	Page 2-4: Permittee commits to having the required liability insurance when permit is issued.

302-200	Special Categories of Mining	<u>N/A</u>	
210	Experimental Practices Mining	<u>N/A</u>	
220	Mountaintop Removal Mining	<u>N/A</u>	
230	Steep Slope Mining	<u>N/A</u>	
240	Auger Mining	<u>N/A</u>	
250	In Situ Processing Activities	<u>N/A</u>	

Comments

302-260	Coal Processing Plants (Not Located Within Permit Area of Mine) <u>N/A</u>	
270	Variances From Approximate Original Contour Restoration Requirements <u>N/A</u>	
280	Variances for Delay in Contemporaneous Reclamation Requirement in Combined Surface and Underground Coal Mining Activities <u>N/A</u>	
290	Small Operator Assistance Program (SOAP) <u>N/A</u>	

302-300	Special Areas of Mining <u>N/A</u>	
301	Prime Farmland <u>✓</u>	The SCS has determined that there are no categories of important farmlands. See page 8-14.
302	Alluvial Valley Floors <u>N/A</u>	