











Appendix E
Updated Mine Map

SLC Copy

GENERAL INFORMATION

1. Permit Number	ACT/007/001
2. Mine Name	White Oak #1 and White Oak #2
3. Permittee Name	White Oak Mining and Construction
4. Operator Name (if other than Permittee)	
5. Permit Expiration Date	
6. Company Representative, Title	Mark Wayment General Manager
7. Phone Number	801-637-9200
8. Fax Number	801-448-9456
9. Mailing Address	White Oak Mining Scofield Route Helper, Utah 84526
10. Resident Agent, Title	Alexander H. Walker, Jr.
Mailing Address	57 West 200 South, Suite 400 Salt Lake City, Utah, 84101-1632 phone 801-364-1228

IDENTIFICATION OF OTHER PERMITS

Identify other permits which are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expires on
1. MSHA Mine ID(s)	42-01279	White Oak #1 and #2 mines	
	42-01280	White Oak Loadout Facility	
2. MSHA Impoundment(s)			
3. NPDES/UPDES Permit(s) (water)	UT0022985	Consists of 5 discharge points.	8-31-97
4. PSD (Air) Permit(s)			
5.			
6.			

RECEIVED
MAY 08 1997

CERTIFIED REPORTS

List the certified inspection reports as required by the rules and under the approved plan which must be periodically submitted to the Division. Specify whether the information is included as APPENDIX A to this Annual Report or currently ON FILE with the Division.

Certified Reports:	Reports Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Excess Spoil Piles		no		no		
2. Refuse Piles		no		no		
3. Impoundments	yes				on file	Submitted by Hansen, Allen and Luce.
4.						
5.						

REPORTING OF OTHER TECHNICAL DATA

List other technical data and information as required under the approved plan which must be periodically submitted to the Division. Specify whether the information is included as APPENDIX B to this Annual Report or currently ON FILE with the Division.

Technical Data:	Reports Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Climatological Data		no		no		
2. Subsidence Monitoring Data	yes				on file	Submitted by Hansen, Allen and Luce.
3. Vegetation Monitoring Data		no		no		
4. Soils Monitoring Data		no		no		
5. Water Monitoring Data	yes				on file	Submitted by Hansen, Allen and Luce.
First Quarter Report	yes				on file	
Second Quarter Report	yes				on file	
Third Quarter Report	yes				on file	
Fourth Quarter Report	yes				on file	
6. Geological/Geophysical Data		no		no		
7. Engineering Data						
8. Other Data						
Application for permit change for spoil pile.	?		Yes		?	This was submitted in 1996 but it was not approved until 1997.

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Changes in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is requesting that each permittee review and update the legal, financial, compliance and related information in the plan as part of the Annual Report. Provide the Department of Commerce, Annual Report of Officers, or other equivalent information as necessary to ensure that the information provided in the plan is current. Provide any other changes as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include any certified financial statements, audits or worksheets which may be required to meet bonding requirements. Specify whether the information is currently ON FILE with the Division or included as APPENDIX C to this Annual Report.

Legal/Financial Data:	Report Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Department of Commerce, Annual Report of Officers		no		no		
2. Other						

MINE MAPS

Copies of mine maps, current and up-to-date through at least December 31, 1996, are to be provided to the Division as APPENDIX D to this Annual Report in accordance with the requirements of R645-301-525.270. These map copies shall be made in accordance with 30 CFR 75.1200, as required by MSHA. Upon request, mine maps shall be kept confidential by the Division.

Map Number(s)	Map Title / Description	Confidential?
#1	White Oak #2 Mine 1996 Mined Area	yes

OTHER INFORMATION

Please provide any comments or further information to be included as part of the Annual Report. Any other attachments are to be provided as APPENDIX E to this Annual Report.

Additional attachments to this report? No Yes

WHITE OAK MINING & CONSTRUCTION CO., INC.

SCOFIELD ROUTE
HELPER, UTAH 84526
(801) 637-9200
Fax: (801) 448-9456

July 30, 1996

Mr. Joe Helfrich
Utah Division of Oil Gas, and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Request for Modification & NOV Extension

Dear Mr. Helfrich;

As we discussed today, White Oak is submitting the following modification to its MRP so that various minor changes to the surface facilities may be documented. The changes are installation of a new surface conveyor system to replace the existing high angle conveyor; relocation of a portable garage, and inclusion of the spoil area sketch that was submitted previously.

Conveyor Replacement

The high angle conveyor from the mine belt to the gallery belt will be replaced with a pair of conveyors that will deposit coal directly into the stacking tube. This project is scheduled to be done in August. This configuration will eliminate the high angle conveyor and the need to run the gallery belt while mining in White Oak No. 2. Both belts have created operational problems and are prone to depositing excessive coal dust and fines upon the surface of the mine site.

The changes to be made are shown on the six attached copies of Figure R645-301-231.300 Sheet 4 of 4. The high angle conveyor, S-38, will be replaced with an extension of the White Oak No. 2 Belt, S-39. The new extension of S-39 will move coal from the existing White Oak No. 2 Belt to a new Belt, S-45, that will move the coal from the extension of S-38 to the Stacking Tube, S-36.

As shown on the attached figure R645-301-231.300 Sheet 4 of 4, a small platform will be excavated in the existing slope on the east side of the lower bench to accommodate the installation of the transfer point and belt drive for the S-45 belt. This excavation will be about twenty feet long and will extend into the existing slope approximately ten feet. The excavation is

being made into competent rock and will have a slope of approximately 0.25 horizontal to 1 vertical. No stability problems are anticipated because of the limited extent of the excavation and the competence of the strata being excavated. This area has been exposed since construction of the mine site by Valley Camp and has not shown a tendency to slope failure or sloughing. Material from the cut will be used by White Oak to help regrade the area in the center of the truck loop after the snowy material stored there now has been excavated and sorted for disposal.

As we have discussed, the reclamation of these new conveyors will be relatively simple and inexpensive when compared to the reclamation of the high angle conveyor. The new conveyors will be modular in design and will be installed and removed as a unit; while the existing HAC belt must be removed in sections and will be a more costly, labor intensive operation. There should be no appreciable change in the overall cost of reclaiming the mine site.

The text of the MRP does not specifically mention the operation and maintenance of the conveyor system in use at the mine so no changes are being made in the text of the MRP.

Building Relocation

The portable Garage, S-29, is being moved from the Southwest side of the Shop to the Northeast Side of the Office. With the reconfiguration of the interior of the office/warehouse building last winter, additional covered storage near the warehouse is needed. The garage will serve this function and provide for a more orderly surface storage area.

Also to be utilized for covered storage are three, 20' by 20' culvert arches, S-46. The arches have been on site (at the mine and the loadout) and have been moved to suit the needs of the operator. The arches will be placed along the northwest corner of the office building and will allow material currently being stored along the building to be stored in a dry location where it can be protected. No foundations will be poured for the arches or garage. The structures are self supporting and will have graveled floors. The locations are also shown on R645-301-231.300 Sheet 4 of 4.

Since all structures currently exist on site and are only being relocated, no change in the amount of the reclamation bond is necessary.

Spoil Management Area

The sketch of spoil management area that was previously submitted to your office has also been included on the attached copies of R645-301-231.300 Sheet 4 of 4. This sketch, along with the letter of understanding were submitted to comply with Mr Wyatt's request for an operational plan for the spoil area.

As Mr. Wyatt suggested during the last inspection, a drain system is being added to the spoil area to intercept the water infiltrating the pile from seeps along the cut slope. As the material was being placed along the toe of the cut slope, it became apparent that some sort of drain would enhance the long term stability of the pile and the ability to dewater any "wet spoil placed upon the pile. Inspection of the area has shown that two principal seeps exist on the slope as determined by damp areas on the slope and the existence of vegetation which normally grows in wet locations. The first is at the extreme southern end of the initial area where spoil is to be

placed. This seep is about fifty feet long. The second seep is about 200 feet north of the first. It is only about ten feet long. Additional seeps exist to the south of the pile but will not hamper the operations or stability now.

The drain will consist of four inch perforated pipe encased in coarse washed gravel. Initially, the drain will be installed from one seep to the other with perforated pipe and gravel the entire length between the two seeps. As experience with handling the water from the two seeps is gained and additional seeps are not found, the drain may be shortened to intercept water only at these two seeps. The longer drain will also help to dewater any wet spoil and provide additional protection from surface water saturating the pile.

Installation of the drain will be accomplished by using a backhoe to excavate previously compacted material along the toe of the slope. The bottom of the ditch will be graded to ensure that water will flow the desired direction. The bottom of the trench will be backfilled with 3 to 6 inches of gravel so the pipe will not rest directly upon the solid rock underlying the pile. The pipe will be installed and additional gravel will be placed over the pipe. The trench will then be backfilled to the top of the existing compacted material while installing the gravel and/or coarse rock within the drain.

Prior to placing successive lifts of spoil upon the pile, gravel, a minimum of one foot wide, will be placed against the toe of the slope, the spoil material will be placed and the spoil will be compacted. The drain will be extended upward with the lifts of material until the seep is covered with at least two feet of the drain. Placement of spoil material over the seeps will then proceed without the installation of a drain until the top of the slope to be reclaimed is reached.

The location of the drain is also shown on R645-301-231.300 Sheet 4 of 4. The perforated pipe will be connected to a six inch diameter pipe that will allow the water collected by the drain system to be routed to the outside of the pile and discharge into ditch D-31. This ditch will carry the water to the mine site sedimentation pond (004). All pipes will be left in place after reclamation.

Installation of the drain will commence immediately upon approval of this amendment. Until then the work to place spoil material stored on the east side of the area has been suspended. White Oak requests extension of the abatement time for NOV 96-7-3-1 from August 1, 1996 until September 1, 1996.

Please contact me if you have questions or if additional information is needed.

Sincerely,

John M. Walters, PE
Consulting Engineer