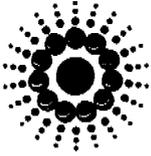


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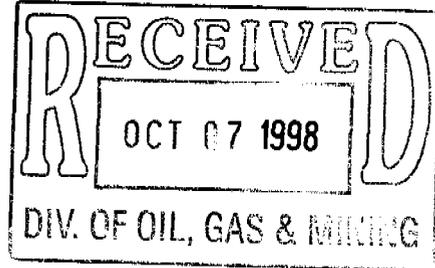


ANDALEX
RESOURCES, INC.
Tower Division

P.O. BOX 902
PRICE, UTAH 84501
PHONE (801) 637-5385
TELECOPIER (801) 637-8860

October 2, 1998

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



~~ACT~~ PRO/007/041 #2
Daron

RE: PAP 007/041 Response to Technical Analysis - Revision 6

Dear Pam:

Enclosed are five copies of the revision 6 changes for the West Ridge Mine Permit Application Package (007/041). Also included are the C1-C2 forms that reference this revision. This revision is being submitted in response to the TA deficiencies sent to WEST RIDGE Resources on August 20, 1998. Enclosed are text and map changes for the West Ridge PAP.

This response package is dated 09/09/98 on the maps and text for reference. Please call me if there are any questions.

Sincerely,

Jean Semborski
Environmental Coordinator

Attachments

APPLICATION FOR PERMIT PROCESSING

Permit Change <input type="checkbox"/>	New Permit <input type="checkbox"/>	Renewal <input type="checkbox"/>	Transfer <input type="checkbox"/>	Exploration <input type="checkbox"/>	Bond Release <input type="checkbox"/>	Permit Number: PRO/007/041
Title of Proposal: Technical Analysis Response (Revision 6)						Mine: WEST RIDGE MINE
						Permittee: WEST RIDGE Resources Inc.

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

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres. Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Is the application submitted as a result of a Division Order?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does application result from cancellation of a previously approved permit or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Is proposed activity within 200 feet of a residential structure or occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	18. Does the application require or include water monitoring, sediment or drainage control measures?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

X Attach 5 complete copies of the application.

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.

Sean Lombardi ENVIRONMENTAL COORDINATOR 10/1/98
 Signed - Name - Position - Date

Subscribed and sworn to before me this 1st day of Oct, 1998.

Alexis P. Horsley
 Notary Public

My Commission Expires: Utah July 1, 2000
 Attest: STATE OF Utah COUNTY OF Carbon



ALEXIS P. HORSLEY
 NOTARY PUBLIC - STATE OF UTAH
 CARBON COUNTY
 120 EAST MAIN STREET
 PRICE, UTAH 84501
 COMM. EXP. 7-1-00

Received by Oil, Gas & Mining

RECEIVED

OCT 07 1998

DIV. OF OIL, GAS & MINING

ASSIGNED TRACKING NUMBER

Application for Permit Processing

Detailed Schedule of Changes to the MRP

Title of Application: Technical Analysis Response (Revision 6)

Permit Number: PRO/007/041

Mine: WEST RIDGE MINE

Permittee: WEST RIDGE Resources, Inc.

RECEIVED
OCT 07 1998
DIV. OF OIL, GAS & MINING

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 1 (dated 05/05/98) pages i through 1-16 with revised Chapter 1 dated 09/09/98 pages i through 1-16.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Add page 14, (Appendix 1-5) dated 09/09/98 behind page 13 in Appendix 1-5 (Chapter 1).
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Add Appendix 1-9 Coal Lease Modification SL-068754-U-01215 dated 09/09/98 behind Appendix 1-8 in Chapter 1.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Remove Attachment 1-3 Proof of Publication sheet dated 01/20/98 (page 3) and replace with new Attachment 1-3 Proof of Publication dated 09/09/98.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 2 (dated 05/05/98) pages i through 2-20 with revised Chapter 2 dated 09/09/98 pages i through 2-21.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Add ADDENDUM REPORT at the end of Appendix 2-5.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace entire Appendix 2-6 (dated 05/05/98) with revised Appendix 2-6 dated 09/09/98.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 3 (dated 05/05/98) pages i through 3-34 with revised Chapter 3 dated 09/09/98 pages i through 3-34.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Add Appendix 3-2A dated 09/09/98 behind Appendix 3-2.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Add Appendix 3-8 dated 09/23/98 behind Appendix 3-7.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 4 (dated 05/05/98) pages i through 4-8 with revised Chapter 4 dated 09/09/98 pages i through 4-9.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Add the following letter to Appendix 4-4 behind the other letters in this appendix.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 5 pages i through 5-53 (dated 05/05/98) with revised Chapter 5, page i through 5-55 dated 09/09/98.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace entire Appendix 5-5 (dated 05/29/98) pages i through Attachment 2 with revised Appendix 5-5 dated 09/09/98
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Figure cover page (dated 01/20/98) at the end of Chapter 5 with updated cover page dated 09/09/98.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Figure 5-3 at the end of Chapter 5 with the updated C Canyon Road - West Ridge Mine Site Typical Section dated 09/09/98.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 5-6 Spill Prevention Control and Countermeasure Plan behind Appendix 5-5.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 6 (dated 05/05/98) pages i through 6-18 with revised Chapter 6 dated 09/09/98 pages i through 6-18.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert in Appendix 6-2 the following table entitled "Drill Hole Summary". Insert it immediately behind the cover page of the appendix.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 6-3 C Canyon Geologic Field Investigation Summary behind Appendix 6-2.

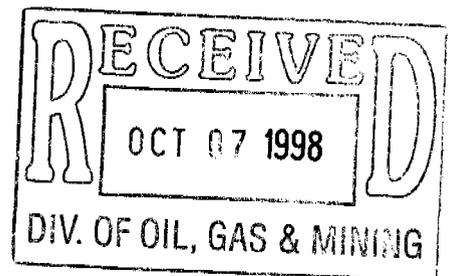
WEST RIDGE Resources, Inc.
Technical Analysis Response - 09/09/98 (Revision 6)

Chapter 1

- 112.410 Added MSHA numbers and dates for NEICO (Wellington Wash Plant) in Appendix 1-5 page 14.
- 112.700 MSHA numbers will be included as soon as they have been issued.
- 114 Right of Entry information: Coal lease modification provided in Appendix 1-9.

Chapter 2

- 232 -Plan for protection of soils during vegetation removal and grubbing. Appendix 5-5, page 14 and 15, paragraph 8c
- Plan for disposal of slash material. Appendix 5-5, page 14, paragraph 8c
- When will cutslopes be constructed and how soils below cutslopes will be protected are found in Appendix 5-5, pages 19- 21, paragraph 8i.
- Delineate on map all areas of cut. Refer to Map 5-10.
- 232.200 -A discussion of how RO/RL area will be handled during construction and reclamation is included in Appendix 5-5, page 22, paragraph 8i
- 233 Imported fill and use as substitute soil is discussed in Appendix 5-5, page 4, paragraph 4.



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Chapter 3

- 322 Updated Map 3-4A Raptor Survey & amended text on page 3-9.
- 322 The statement referring to threatened or endangered species in the project area was modified on pages 3-4 and 3-9.
- Statement regarding agricultural activities has been modified on page 4-1.
- 331 Eliminated sweet clover and reduced amount of alfalfa on Table 3-3.
Added other species for diversity and erosion protection.
- 331 The interim seed mix will be used on the topsoil pile, page 3-7.
Other methods used in conjunction with interim revegetation are described on page 3-7.
- 332 A commitment to compensate for any cattle lost as a result of mining induced subsidence has been made on page 3-8.
- 333 -Commitment to consult with USFWS is provided on page 3-8.
-Discussion regarding construction and raptor nests can be found on page 3-9.
-Commitment for mitigation at the time of disturbance for the topsoil borrow area can be found on page 3-9.
-Commitment to conduct wildlife education sessions is made on page 3-8.
- 341 A discussion of landscape diversity is presented on page 3-15.
- 341.210 The seeding rates shown on Tables 3-2A through 3-2D are broadcast seeding rates.
The sub-species of sagebrush to be used will be *Artemisia tridentata* var. *vaseyana* (Mountain big sage). Refer to Table 3-2C.
- 341.230 Amended text with regard to tackifier on page 3-15.
PAM is not being proposed for use as a tackifier. Refer to page 3-15.

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341.250 Relocated reference area. The Douglas Fir/Maple reference area is shown on Map 3-1.

341.250 Species diversity will be measured using MacArthur's diversity index. A discussion of this method is provided on page 3-17, section 341.200.

Woody species density approved by DWR has been incorporated on page 3-16.

Table 3-4 has been modified to include measurement of plant productivity in the tenth year.

342 This section has been revised. Refer to page 3-30.

Page 3-30 describes various measures to enhance wildlife habitat at the time of final reclamation.

A letter from DWR commenting on the reclamation plan will be included in Appendix 3-6 when it is received.

Chapter 4

411 -Statement regarding agricultural activities has been modified on page 4-1.
-Previous mine entry driven into lease is discussed on page 4-3.
-SITLA was identified as a land owner on page 4-2.

412.200 The BLM has provided a letter indicating their support for leaving the road following reclamation. The letter can be found in Appendix 4-4.

412.300 Refer to Appendix 5-5 paragraph 8h, pages 18-19 for a discussion of portal face-up material storage.

WEST RIDGE Resources, Inc.
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Chapter 5

- 522 Discussion of split in southern portion of the lease was removed from page 6-3.
- 525.231 A commitment to replace water quantities impacted as a result of mining induced subsidence can be found on page 3-9 and 5-19.
- 535 The subsidence monitoring program is described on page 5-22 and 5-23. WEST RIDGE will utilize the best methodology available, within reason, to conduct annual subsidence monitoring.
- 525 A commitment to monitor subsidence annually until no longer necessary is provided on pages 5-22 and 5-23.

Chapter 6

- 623.300 Discussed faulting in C Canyon on page 6-13. Added letter report from Agapito in App. 6-3.
- 624.210 Add discussion about lack of info on drill hole logs with regard to water on page 6-14, Section 624.200.
- 624.230 Discussed acid and toxic sampling on page 6-16, Section 624.330.
- 622.100 Drill hole collar elevations and depths have been added to Appendix 6-2.

WEST RIDGE Resources, Inc.
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Chapter 7

- 710 The water supply intake for culinary water for East Carbon is identified on Map 7-3.
- 722.300 Stream monitoring stations have been marked and the typo corrected on Maps 7-5 and 7-6. Typo was on Map 7-5.
- 722.400 Water supply well DH 90-1 is shown on Map 7-6. Maps 7-3 and 7-5 do not cover the area where the well is located.
- 724 Appendix 7-5 has been revised to correspond more closely to Map 7-3.
- 724 Information on DH 90-1 is provided in section 724.100, page 7-5.
- 724 Baseline information for previously monitored surface sites is provided in section 724.200, page 7-5.
- 724.100 Baseline data for springs WR-1 and WR-2 is provided in Appendix 7-1, appendix A.
- 724 Commitment to provide 1998 baseline monitoring can be found on page 7-15.
- 728 Commitment to revise PHC if needed is made on page 7-8.
- 728.301 A discussion of sediment yield and sediment control for the mine site area can be found on pages 7-12 and 7-13.
- 728.332 Removed text discussing drinking water standards. Added a discussion about Sunnyside Mines UPDES TDS limit and use of mine water for irrigation. Refer to 728.332, pages 7-13 and 7-14.

WEST RIDGE Resources, Inc.
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- 731.200 Clarification of when baseline data collection will end and operational will begin is made on page 7-17 and in Table 7-1.
- 731.200 Commitment made to do baseline monitoring once every five years during mid-term review on page 7-16.
- 731.212 Made statement that quarterly reports will be submitted to DOGM on page 7-15. Also, a commitment is made to notify the Division of any noncompliant samples and provide additional monitoring.
- 731.730 Elevations and locations of monitoring stations to be used to gather operational data is provided on a new map- Map 7-7 titled "Operational Monitoring Locations".
- R645-301 Water monitoring will be continued until bond release. Refer to page 7-17.
- 731.730 Post-mining surface water monitoring sites are the same as operational sites (Page 7-17)
- 724 A discussion on the flows in Bear Canyon and the associated water rights is presented in R645-301-724.200 on page 7-5.
- 731.220 -The water monitoring table 7-1 lists the proposed locations for the operational monitoring stations.
-The operational monitoring stations are shown on Map 7-7
-A description of how a discharge sample will be collected from the sediment pond in described on page 7-18.
- 731 -The SPCC plan is included as Appendix 5-6.

-A UPDES permit is being applied for. Table 7-4 UPDES Monitoring, will be revised when the permit is received.

-A plan for longwall emulsion spills is provided in Chapter 7, section 731.100, page 25.

WEST RIDGE Resources, Inc.
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- A list of chemicals to be used and stored for the mining operation is provided on page 7-23.
- 731.513 A discussion of the possible interception of water from the old Sunnyside mine workings is provided on page 7-25.
- 740 -Curve numbers have been readjusted in Appendix 7-4 on page 7.
- 741 -Specific measures to preserve the existing channel geomorphology are provided in the Part 1 Construction section of Appendix 5-5.
- 742.110 -Information is provided for ASCA Z in Appendix 7-4, page 11.
- 742.400 -A culvert design for the road drainage in the southwest corner of the disturbed area can be found in Appendix 7-8.
- 742.300 -Watershed maps and calculations should correctly depict drainage from the topsoil stockpile areas.
- 742.311 -Details of the bypass culvert discharge apron are provided in Appendix 7-4, page 11.
- 731.600 -A statement regarding buffer zone signs can be found on page 7-23.
-Regulations require temporary structures to be sized for the 10 year 6 hour event.
- 742.110 ASCA-Z has been redesigned and included in Appendix 7-4 page 11.
- 742.311 The emergency spillway design has been revised and a discussion is included in Appendix 7-4 page 42.

WEST RIDGE Resources, Inc.
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Comments from: Mike Suflita

Chapter 7

- Revised Table 20 in Appendix 7-4 to show complete listing of channels.
- Turnaround at end of county road shown on Map 5-9.
- Typo corrected on Map 7-5
- Corrected text to reflect the fact that no structures will be left after reclamation. (I.e. removed sentences on pages 7-39 and 5-48. Map 5-9 Reclamation Map shows county culvert being left in place.
- Reference to water well has been removed from page 7-40. Well closure details now provided under 731.300.
- Removed paragraph from 731.300 page 7-23 because it did not belong in that discussion. Modified last paragraph on page 5-47 so it would make sense.
- Note made on table of contents page iv that figures follow Chapter 7 text. Figures do not have page numbering, but preceding page indicates the figure numbers and titles.
- Northwesterly dip was changed to northeasterly in section 724.600 page 7-7.
- Surface water rights were added to water rights map Map 7-3.
- Geologist for Agapito Associates spent one week in C Canyon doing coal and structure evaluation. He saw no evidence of faulting in the vicinity of sediment pond or elsewhere in the canyon. His report is attached as Appendix 6-3 for reference.
- Revised ditches around topsoil pile on Map 7-2.
- Added culvert to lower end of disturbed area under county road. Refer to Map 7-2.
- No stream alteration permit is needed based on field inspection by Mark Page, State Engineers Office.

WEST RIDGE Resources, Inc.
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-Discussions regarding pocking and gouging were made consistent throughout the text. Refer to section 552.100 on page 5-50.

-Water monitoring sites for surface and groundwater during the operational and postmining phases are shown on Map 7-7.

-Table 7-1 lists operational monitoring sites. Map 7-7 depicts operational monitoring locations.

-Rationale for the selection of sites to be monitored during operational phase is contained in Appendix 7-1.

-Monitoring will continue until bond release. No monitoring will be done below the mine site during reclamation or operational phases. Refer to page 7-38 section 763.

-Section 765 page 7-39 has been revised to indicate that monitoring will be conducted until final bond release or the monitoring plan is modified.

-A description of sampling points for the UPDES permit is provided on page 7-28. The UPDES discharge permit will most likely require analysis for iron.

-Appendix 7-1 explains the reasoning behind the selection of points for the water monitoring program.

-The outlet of main canyon bypass culvert will be protected with a rip rap apron designed to protect the channel and dissipate energy. The apron is designed so that the outlet flow would have a lower velocity than the natural channel.

WEST RIDGE Resources, Inc.
Technical Analysis Response - 09/09/98 (Revision 6)

Comments from: Peter Hess

- 301-120 -Reclamation techniques for the various areas have been delineated in Appendix 5-5, page 34, paragraph 4d.
- The timing of the highwall reclamation is addressed in Appendix 5-5, page 36, paragraph 4e.
- The map showing cut areas to receive fill is Map 2-5.
- A commitment to relocate buried RO/RL boulders on the RO/RL slopes is made in Appendix 5-5, page 35, paragraph 4d.
- A commitment to use the Best Technology Currently Available at the time of reclamation for erosion control is provided in Chapter 2, page 2-21.
- Reclamation of the 6" waterline and 69 KV powerline are discussed in Appendix 5-5, page 31, paragraph 4a.
- 121.200 -A description of the disposal fee is provided on page 9 of Table 5-1 in Appendix 5-1.
- Documentation of the dump fee is included in Appendix 5-1, Table 5-1.
- 242 -Stockpiled topsoil redistribution is discussed in Appendix 5-5, page 38, paragraph 4f.

Chapter 5

- 512.200 -The primary road has been specified on page 5-34. A certified cross-section of the road is provided as Figure 5-3 "Typical Road Cross-Section".
- 512.240 The spillways on the sediment pond have been redesigned and a discussion is included in Appendix 7-4 page 42 . Also refer to Map 7-4.

WEST RIDGE Resources, Inc.
Technical Analysis Response - 09/09/98 (Revision 6)

- 521.190 -A description of the permit area and federal and state leases are provided in Chapter 1, page 1-11, 1-12 and 1-13 respectively.
- 512.300 -Discussion regarding portal face-up waste material is provided in Appendix 5-5, page 18-19, paragraph 8h.
- 514.100 -A commitment to inspect fills during construction can be found in Chapter 5, page 3.
- 512.200 -A map indicating where development waste will be placed within the pad is included as Map 2-5, Cut/Fill Map.
- 540 -Need for MSHA plan/approval is addressed in Appendix 5-5, page 33, paragraph 4c.
- Discussion of power for mine fan and beltline and removal of structures in the portal/highwall area is provided in Appendix 5-5, page 33, paragraph 4c.
- Spills, contamination, and fill material removal/disposal is addressed in Appendix 5-5, page 33, paragraph 4b.
- 541.300 -The powerline has been relocated to stay within the disturbed area boundary. Refer to Map 5-5.
- Reclamation of the powerline is discussed in Appendix 5-5, page 32.
- The ventilation of the mine during the backfilling process is described in Appendix 5-5, page 34.
- 745.100 -No excess spoil is anticipated. Refer to Chapter 7, page 41.
- 742 1) Interim sediment control measures for construction phase are discussed in Appendix 5-5, page 12, paragraph 8b.

WEST RIDGE Resources, Inc.
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- 2) Topsoil will be removed and stored in topsoil stockpile.
- 3) Sediment control measures for topsoil borrow area will be silt fences and they are shown on Map 2-3.
- 4) Design criteria for other sediment control measures are provided in Appendix 5-5, page 13.
- 5) Sediment control for topsoil stockpiles have been revised in Appendix 7-4.

302-200

-Conflicting map/text information regarding preservation of the existing stream channel has been resolved by revising Map 5-8.

-Information and specifications on the geotextile fabric are provided in Appendix 5-5, page 17, paragraph 8f.

ADDENDUM TO REVIEW OF CHAPTER 5

September 1, 1998

Maps, Plans, and Cross Sections of Resource Information

WEST RIDGE Resources, Inc. is not proposing to mine under Grassy Trail Reservoir as part of the currently proposed permit application and permit area. Should WRI obtain federal leases that would allow the mine plan area to be extended, a permit amendment reflecting a modification in the permit and mine plan area would be submitted to the Division. This revision would have to be processed and approved by the Division prior to the commencement of any mining activity in the vicinity of Grassy Trail Reservoir.

WEST RIDGE Resources, Inc.
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R645-301-521.260 Page 5-9 has been revised to include the following text:

The right and left fork drainages will be culverted beneath the mine yard facilities; flows will be released down stream from the mine office pad. A sediment pond will be used to treat site drainage to prevent intermingling with the undisturbed area drainage. A stream buffer zone sign will be posted at the upper end of the right fork of the mine yard and below the office pad to indicate a stream buffer zone.

R645-301-524.100 Page 5-12 has been revised to include the following text:

All surface blasting incident to underground mining operations will be conducted under the direction of a certified blaster. The blaster will have a current certification or recertification.

R645-301-524.800 Page 5-14 has been revised to include the following text:

WEST RIDGE Resources, Inc. commits to comply with all Utah and federal explosive use laws and regulations.

R645-301-541.400 Page 5-47 has been revised to include the following text:

Upon completion of final mining activities, all lands within the proposed permit area affected by impacts of mining will be reclaimed in accordance with the approved DOGM permit. Reclamation will begin with the demolition of all buildings and structures. The materials will be removed from the site and hauled to an approved solid waste landfill.

R645-301-542.320 Page 5-51 has been revised to include the following text:

Refer to Map 5-9 for the segment of Carbon County road which will remain in the permit area as a permanent feature.