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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

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Outgoing
0070041

#3599
OK

August 17, 2010

Dave Shaver, Manager
West Ridge Resources, Inc.
P.O. Box 910
East Carbon, Utah 84520-0910

Subject: Authorization to Proceed with Catchment Structures C & E, Task #3599, West Ridge Resources, Inc., West Ridge Mine, Permit C/007/0041

Dear Mr. Shaver:

The Division has reviewed your application to include Catchment Structures C & E in the West Ridge Mine Permit area as required by the abatement to NOV #10063.

The Division has determined that there are some deficiencies that need to be addressed, however in the interest of time and because this is part of a NOV abatement, you are hereby authorized to proceed with the installation of the Catchment Structures and clean up of the stream channel as proposed. This should be done as quickly as possible in order to remove the coal fines from the stream and prevent them from washing further down the stream during upcoming thunderstorms. At this time you should address deficiency R645-301-751 so that the Division can verify and okay the flocculant to be utilized during the clean up operation, prior to its use.

The deficiencies are listed as an attachment to this letter and will need to be addressed through the permitting process and as-built designs that will follow the cleanup of the stream. Each deficiency identifies its author by that author's initials in parentheses; such that your staff can directly communicate with that individual should any questions arise relative to the preparation of West Ridge Resource's response to that particular deficiency.

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Catchments C & E will still require permitting and a plan for their use during the balance of the mining operations at West Ridge. In order to complete the permitting process, please resubmit the entire application with the corrections that are needed by no later than September 16, 2010.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock". The signature is written in a cursive style with a large initial "D" and "H".

Daron R. Haddock
Permit Supervisor

DRH/IC/sqs
Attachment
cc: Price Field Office
O:\007041.WR\FINAL\WG3599\3599AUTHORIZE.DOC

Deficiency List
Task No. 3599
Catchment Structures C & E

The members of the review team include the following individuals:

Ingrid Campbell (IC)	801-538-5318
Steve Christensen (SC)	801-538-5350
James Owen (JCO)	801-538-5306
Priscilla Burton (PB)	435-613-3733

R645-301-222, Catchments C & E will be included in the disturbed area. As such, the requirements of R645-301-222 need to be addressed. The following should be accomplished:

- Enlarge Map 2-1 Regional Soil Map to encompass the catchment areas C & E.
- Provide an Order 1 Soil Map and survey for the catchment locations (A, C, E).
- Provide a composite soil sample analysis from each catchment in the disturbed area (A, C, E). **(PB)**

R645-301-341.200: Please provide an interim erosion control plan. If the plan includes vegetation, provide an interim revegetation plan which includes a seed mix with application rate, seeding methods, and mulching practice for the two + years prior to final reclamation. **(IC)**

R645-301-356.100, -356.400: Please provide a monitoring plan for the reclaimed area vegetation to ensure that it is adequate to control erosion or meets an alternate approved success standard. **(IC)**

R645-301-140: Please update all applicable maps including confidential maps to include the Catchment structures in the permit area. **(IC)**

R645-301-732, -742- Under Item (3) on page 11 of Attachment 9 in Appendix 5-15, the Permittee should explicitly state the extent of the clean-up measures to be taken as a result of NOV #10063 (i.e. from UPDES Outfall 002 to Catchment E). **(SC)**

R645-301-732, -742- The Permittee must provide more detail/design information (i.e. narrative and drawings) as to the sediment control measures to be utilized at the catchment sites to prevent, to the extent possible, the additional contributions of sediment to stream flow or to runoff outside the permit area during and following clean-up activities. On page 13 of Attachment 9 in Appendix 5-15 the Permittee states that, "*During this 'moth-ball' period, the sites will be permitted but will not be actively maintained*". The sentence should be deleted. As the catchment structures are now part of the permit/disturbed area, sediment control measures and maintenance of the catchment sites is required. **(SC)**

R645-301-751- The Permittee must verify/document the flocculant to be utilized during the clean up operation, the injection dosage and provide the Material Safety Data Sheet (MSDS). **(SC)**

R645-301-760- The Permittee must provide more detail and design information (i.e. narrative, drawings) as to the interim reclamation work to be performed on the areas of the channel where the steel filter boxes are removed following clean-up activities. **(SC)**

R645-301-526.220: The application must include plans and drawings for each support facility to be constructed, used, or maintained within the permit area. Included should be a map, appropriate cross section, design drawings, and specifications sufficient to demonstrate how each facility will comply with applicable performance standards. The submittal did not include adequate designs, drawings, cross sections, specifications, etc for catchment structures C and E. **(JCO)**

The amount of bonding is adequate for approval of this permit. As per **R45-301-800**, the applicant shall edit the "Bonding" paragraph on pg. 13 to state the correct amount of available excess bond. The application states that \$218,000 is available. According to the difference between the reclamation cost (\$1,760,000) and the amount of posted bond (\$2,184,000) the available excess bond is \$424,000. The amount of excess bond available after the catchment structures are in place will be \$360,742. **(JCO)**