



# Department of Environmental Quality

*To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.*



Matthew H. Mead, Governor

Todd Parfitt, Director

October 29, 2013

Mr. Ken Garoutte  
Cameco Resources  
P.O. Box 1210  
Glenrock, WY 82637

**RE: TFN 5 2/276, Minor Revision, MU-3 Extension, Wellfield Approval to Mine Permit 633 Cameco Resources, Change No. 51, Revision No. 8**

Dear Mr. Garoutte:

This letter serves as Land Quality Division's (LQD) approval for the above referenced Minor Revision. The submittal has been reviewed by LQD staff and found to be technically adequate. All technical issues were completed under the T3 review which is enclosed.

Receipt of this letter grants Cameco Resources permission to initiate mining in Mine Unit 3 Extension. In the event that revisions other than those listed on the Index of Change inadvertently occurred within this package, those revisions are not automatically considered approved.

As a result of the wellfield addition to the permit, it will be necessary to revise the Table of Contents for the permit. Please submit an updated Table of Contents within **15 days** of this approval. LQD will insert the approved pages and maps into the permit document according to the Index of Changes. LQD will track this Minor Revision as **Change No. 51-R8**.

It is understood that surety dollars are included in the approved surety for mining in two header house pattern areas of the proposed Mine Unit 3 Extension.

If you have any questions, please contact [pam.rothwell@wyo.gov](mailto:pam.rothwell@wyo.gov) or 307-777-7048.

Sincerely,

Nancy Nuttbrock  
Administrator  
Land Quality Division

/pcr

Enclosure: T3 Review & Form 11

cc: Ramona Christensen, LQD Records Manager  
Doug Mandeville, NRC w/T3 Review



TFN 5 2/276, Mine Unit 3 Extension, T3 Review

Permit 633, Cameco Resources

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INTRODUCTION

The Land Quality Division (LQD) received responses to three outstanding comments for the referenced proposal to add two header house patterns to the existing Mine Unit 3 on October 3, 2013. All responses are deemed acceptable and the proposal is recommended for approval.

COMMENTS

- 4 Response Acceptable. CR has provided geological cross sections to show that the ore body is tabular, not stacked and less than the 30 foot thickness included in the surety. The cross-sections also show that the monitor wells are screened in the proper interval. (SI)
- 9 The Form 11 has been revised and is acceptable. (PCR)
- 15 The groundwater restoration volume and cost to restore was added to the surety which was approved in 2011. (PCR)