

June 3, 2016

Coal Regulatory Program  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

Subject: Vegetation Reference Area Site Update, Methane Degasification Amendment, Dugout Canyon Mine, C/007/0039.

Dear Mr. Haddock:

Canyon Fuel Company, LLC hereby files application to modify the permit C/007/039. Enclosed please find a copy of the submittal to address the Methane Degasification Amendment changes.

Should you have any questions please contact Bill King at (435) 636-2898 or David Spillman at (435) 636-2872.

Sincerely,



Bill King  
Mining Engineer

## APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

**Permittee:** Canyon Fuel Company, LLC

**Mine:** Dugout Canyon Mine, Methane Degasification Amendment

**Permit Number:** C/007/039

**Title:** Dugout, Methane Degasification Amendment, Vegetation Reference Site Update

**Description,** Include reason for application and timing required to implement:

It was found that a vegetation reference site was mislabeled and need to be corrected.

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes  No 1. Change in the size of the Permit Area? Acres: \_\_\_\_\_ Disturbed Area: \_\_\_\_\_  increase  decrease.
- Yes  No 2. Is the application submitted as a result of a Division Order? DO# \_\_\_\_\_
- Yes  No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes  No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes  No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes  No 6. Does the application require or include public notice publication?
- Yes  No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes  No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes  No 9. Is the application submitted as a result of a Violation? NOV # \_\_\_\_\_
- Yes  No 10. Is the application submitted as a result of other laws or regulations or policies?  
*Explain:* \_\_\_\_\_
- Yes  No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes  No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes  No 13. Does the application require or include collection and reporting of any baseline information?
- Yes  No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes  No 15. Does the application require or include soil removal, storage or placement?
- Yes  No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes  No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes  No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes  No 19. Does the application require or include certified designs, maps or calculation?
- Yes  No 20. Does the application require or include subsidence control or monitoring?
- Yes  No 21. Have reclamation costs for bonding been provided?
- Yes  No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes  No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

**Please attach one (1) review copy 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.

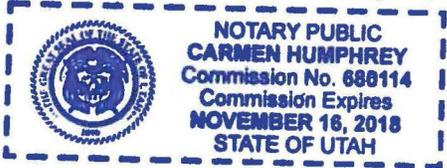
David Spillman  
Print Name

David Spillman Engineering Manager  
Sign Name, Position, Date

6/2/16

Subscribed and sworn to before me this 2 day of June, 2016

Carmen Humphrey  
Notary Public



My commission Expires: \_\_\_\_\_  
Attest: State of Utah } ss:  
County of Carbon

<b>For Office Use Only:</b>	<b>Assigned Tracking Number:</b>	<b>Received by Oil, Gas &amp; Mining</b>
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Dugout M&RP, Methane Degasification Amendment

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Dugout Canyon Mine Permit Number C/007/039

Canyon Fuel Company

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Title page for reference only



G-9 (Previously Disturbed)	1000*
G-10 (Previously Disturbed)	1000*
G-11 (Previously Disturbed)	1000*
G-12 (Previously Disturbed)	1000*
G-13	1000*
G-14 (Previously Disturbed)	1000*
G-15 (Previously Disturbed)	1000*
G-16 (Previously Disturbed)	1000*
G-17 (Previously Disturbed)	1000*
G-18	900 - 1200*
G-19 (Previously Disturbed)	500 - 800*
G-22 and Access Road	1000*
G-25 (Previously Disturbed)	1,500*
G-26 (Previously Disturbed)	1200*
G-29	1,800
G-30 (Previously Disturbed)	1500
G-31 (Previously Disturbed)	900 - 1200*
Access Road - AMV (Previously Disturbed)	900 - 1200*
<b>Reference Areas</b>	
Sagebrush/Snowberry/Grass (G-2, G-3, <del>G-4</del> , G-5, and G-7)	1500*
Aspen/Maple/Douglas Fir (G-1, <del>G-4</del> , G-6, and G-8)	300*
Mountain Brush/Conifer (G-9 thru G-11)	1200
Conifer/Mountain Brush/Pinyon Juniper (G-12, G-13 and G-15)	1100

Dugout M&RP, Methane Degasification Amendment

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### **323.100 Location and Boundary of Proposed Reference Area**

Reference areas for the degassification wells were established during the vegetative study conducted in the Summer of 2003. Well sites G-2, G-3, ~~G-4~~, G-5, and G-7 will be compared to the Sagebrush/Snowberry/Grass reference area and G-1, ~~G-4~~ G-6, and G-8 to the Aspen/Maple/Douglas Fir reference area. Mountain Brush and Conifer is the reference area for well sites G-9 thru G-11. The reference area for Degas Well G-12 , G-13 and G-15 is Conifer, Mountain Brush and Pinyon Juniper. The reference area for Degas Well G-14, and G-19 is Aspen/Conifer, the reference area for G-16 thru G-18, G-22 (including access road), G-26 and G-31 and the AMV access road is Mountain Brush/Snowberry. Refer to Attachment 3-1 and Figure 3-1 for the location of the reference areas associated specifically with the degas wells. Reference areas are also shown on Plate 3-1 and 3-1E in the M&RP. Reference area for G-29 and G-30 is Mountain Brush/ Snowberry/Sagebrush.

### **323.200 Elevation and Locations of Monitoring Stations**

Refer to Section 323.200 of the approved M&RP.

### **323.300 Facilities for Protection and Enhancement**

Section 333.300 and 358.500 of the approved M&RP contain additional discussion pertaining to protective measures to be taken by Dugout Canyon on behalf of wildlife.