



**Canyon Fuel
Company, LLC**
A Subsidiary of Bowie Resource Holdings, LLC

Dugout Canyon Mine

P.O. Box 1029
Wellington, Utah 84542
(435) 637-6360
Fax (435) 636-2897

July 12, 2016

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

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DIV. OF OIL, GAS & MINING

Subject: Vegetation Reference Area Site Update, Methane Degasification Amendment, Dugout Canyon Mine, C/007/0039, Task ID# 5199

Dear Mr. Haddock:

Canyon Fuel Company, LLC hereby files application to modify the permit C/007/039. Enclosed please find 2 clean copies 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

Dugout M&RP, Methane Degasification Amendment

Chapter 3, Page 3-5

Dugout Canyon Mine Permit Number C/007/039

Canyon Fuel Company

Clean Copies

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*
Reference Areas	
Sagebrush/Snowberry/Grass (G-2, G-3, G-5, and G-7)	1500*
Aspen/Maple/Douglas Fir (G-1, G-4, 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

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Refer to Attachment 3-2 for a listing of Federal and State Listed, Threatened, Endangered and Candidate Species and Sensitive Species.

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-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.