



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

BRIAN C. STEED
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 1, 2020

Gregg Galecki
Canyon Fuel Company, LLC
HC 35 Box 380
Helper, Utah 84526

Subject: Conditional Approval of Huntington Canyon Water Monitoring, Canyon Fuel Company, LLC, Skyline, C/007/0005, Task #6082

Dear Mr. Galecki:

The above-referenced amendment is approved conditioned upon receipt of 2 clean copies prepared for incorporation. Please submit these copies by May 1, 2020. Once we receive these copies, final approval will be granted.

A stamped incorporated copy of the approved plans will also be returned to you at that time, for insertion into your copy of the Mining and Reclamation Plan.

If you have any questions, please call me at (385) 290-9937.

Sincerely,

Steve Christensen
Coal Program Manager

SKC/sqs
O:\007005.SKY\WG6082 HUNTINGTON WATER\CONDITIONALAPPROVAL.DOC



Technical Analysis and Findings

Utah Coal Regulatory Program

PID: C0070005
TaskID: 6082
Mine Name: SKYLINE MINE
Title: HUNTINGTON CANYON WATER MONITORING

Summary

This hydrologic monitoring amendment updates the narrative and tables in the Mining and Reclamation Plan (MRP) Chapter 2, Section 2.3 Ground Water Hydrology; and updates Plate 2.3.6-1 Hydrologic Monitoring Stations, and Plate 2.3.6-3 Mine Inflows with details of the Huntington Canyon Water Monitoring Program (HCWMP). The HCWMP is included for incorporation into the MRP as Chapter 2 Attachment 2.3-1.

Table 2.3.7-5 and Dwg 2.3.6-3 will be updated with the Annual Report to provide information on mine inflows.

This amendment revises the bond information which is found in MRP Chapter 4, Section 4.3.

pburton

General Contents

Permit Application Format and Contents

Analysis:

The application meets the State of Utah R645 requirements for Permit Application: General Contents.

The application provides current information and is clear and concise.

Section 2.3 of the Skyline Mine Mining and Reclamation Plan describes the monitoring program for the Skyline Mine, Electric Lake and Huntington drainage. This monitoring program reflects the agreement that Canyon Fuel Co., PacifiCorp, Huntington-Cleveland Irrigation Company, and the Carbon Water Conservancy District signed on December 28, 2017. The Huntington Canyon Water Monitoring Agreement has been submitted for review with this amendment and is found in Attachment 2.3-1 of this submittal.

This amendment updates Table 2.3.7-1 Comprehensive Water Quality Analytical Schedule (Surface and Ground Water Stations), Table 2.3.7.3 Monitoring Station Identification, Table 2.3.7-4 Summary Information on Groundwater Observation Wells and Dwg 2.3.6-1 Location of Hydrologic Monitoring Stations and Drawing 2.3.6-3 Mine Inflows.

Tables 2.3.7-5 PacifiCorp Well Monitoring Locations, Table 2.3.7-6 PacifiCorp Surface Monitoring Locations, Figure 2.3.7-2 Huntington Canyon Water Monitoring Program PacifiCorp Monitoring Sites have been added to the MRP.

In addition, Section 4.2 Bond Summary sheet and Well Abandonment sheet 45 has been updated for the Skyline Mine

pburton

Operation Plan

Hydrologic Ground Water Monitoring

Analysis:

The amendment meets the State of Utah R645 Hydrologic: Ground Water Monitoring.

The Permittee submitted an amendment to the Skyline MRP to revise the ground and surface water monitoring program. This was previously reviewed under Task IDs 6012 and 6056. The revision includes incorporating portions of the Huntington Canyon Water Monitoring Program (HCWMP) into the existing water monitoring program. Included in the amendment, related to hydrology, are updates to section 2.3 of the MRP, updates to Plates 2.3.6-1 and 2.3.6-3 as well as the addition of Attachment 2.3-1. As part of the HCWMP the Permittee will be conducting monitoring that will be incorporated into their MRP's water monitoring program. PacifiCorp, one of the HCWMP parties, will also be conducting their own monitoring on sites located nearby and this data will be provided to the Division by the Permittee as a courtesy when available.

As part of this revision the Permittee has proposed the removal of well W79-10-1B from the water monitoring program. As part of the current Task ID the Permittee has provided a history of the well and a summary of its data since it began monitoring. This well was completed Section 10, Township 13 South, Range 6 East. This well became non-functioning as a monitoring well in 2016 due to a presumed casing blockage, although as part of the Permittee's analysis of the data it is suspected that the casing began failing earlier than that. The water elevation in the well increased in 2001 and is suspected to be a response to the flooding of Mine #3 in 2001.

Due to the well being well outside the vicinity of mining in and near the Flat Canyon lease this well does not appear to be necessary for continued water monitoring efforts at the Skyline Mine.