



January 25, 2023

Tonya Hammond
Snowcap Coal Company, Inc
P.O. Box 1430
Palisade, CO 81526

**RE: Roadside Portals Mine, Permit No. C-1981-041
2021 Annual Hydrology Report**

Dear Tonya,

The Division received the 2021 Annual Hydrology Report (AHR) on March 1, 2022. Thank you for your timely submittal. The Division finds the 2021 AHR to be in compliance with the following Rules:

Rule 4.05.13(4)(a) – The data collected for the 2021 AHR is kept and maintained with Tonya Hammond at the office of J. E. Stover and Associates in Grand Junction, Colorado.

Rule 4.05.13(4)(b) – The 2021 AHR is compiled from the analysis of hydrologic data collected from the monitoring period of October 1, 2020 to September 30, 2021.

Rule 4.05.13(c)(i), (ii), (iii) – The 2021 AHR was submitted to the Division by the determined date on which the permittee and the Division agreed to. The report included an interpretation of the collected data and identified mining related impacts to the hydrologic balance.

The 2021 data supports the predictions of the Probable Hydrologic Consequences (PHC) of the Roadside Portals Mine permit.

Data recorded from the Colorado River upstream from the mine at USGS Station No. 09095500 recorded 1.14 tons per acre foot on December 26, 2020. This data was collected on the lowest recorded flow of the year. Data from 016 on January 4, 2021 was recorded. The TDS discharged during that day was approximately 0.86 tons. The TDS from the mine contributed an increase of 0.04% to the total TDS in the Colorado River.



The gauge located within Outfall 016 was replaced in mid-2019. The gauge was replaced during a CDOT project to replace a culvert underneath Interstate 70. The gauge was reporting incorrect values for flow prior to the reinstallation of the gauge. Flows after the replacement averaged 117.65 gpm. The average and individual measurements are similar to that of bucket and stopwatch estimates conducted in the past. The average flow at Outfall 016 during the 2021 water year was 121.1 gpm. This value is within the range of historical data for the site.

The N-1 Monitoring well is located at the North Decline. The water in the well is predicted to remain near an elevation of 4,758 feet above sea level. The average elevation from data recorded in the 2021 water year was 4,757.62 feet above sea level and the highest elevation for the year was 4,757.70 feet above sea level. The recorded levels for the year were near the predicted level.

This concludes the Division's review of the 2021 Annual Hydrology Report for the Roadside Portals Mine. The Division has no further comments or questions. If you have any questions, please contact me at (303) 866-3567 x8185.

Sincerely,

A handwritten signature in dark ink that reads "Clayton Wein". The signature is written in a cursive, slightly slanted style.

Clayton Wein
Environmental Protection Specialist
clayton.wein@state.co.us