



GARY R. HERBERT  
Governor

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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

BRIAN C. STEED  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

October 9, 2019

Ken Fleck, Manager of Geology and Environmental Affairs  
Interwest Mining Company  
P.O. Box 310  
Huntington, Utah 84528

Subject: Conditional Approval to Install Truck Turnaround, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Task #5997

Dear Mr. Fleck:

The above-referenced amendment is approved conditioned upon receipt of 2 clean copies prepared for incorporation. Please submit these copies by November 8, 2019. 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 (801) 538-5350.

Sincerely,

Steve Christensen  
Coal Program Manager

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## Technical Analysis and Findings

### Utah Coal Regulatory Program

**PID:** C0150019  
**TaskID:** 5997  
**Mine Name:** COTTONWOOD/ WILBERG  
**Title:** INSTALL TRUCK TURNAROUND

#### General Contents

##### Right of Entry

*Analysis:*

The application meets the State of Utah R645 requirements for Right of Entry.

The application meets the requirements for R645-301-114.100 because notarized right of entry information is provided on pages 19 through 22 of the submittal. The narrative describes a parcel of land approximately 0.08 acres in size that will be conveyed to the Emery County Road Department to provide for a snow plow truck turnaround during the winter months when snow removal activities are conducted along Cottonwood Canyon Road. This public roadway easement and right of way was notarized on September 23, 2019, by Ms. Sally Hill.

The Turn Around is located alongside Emery County Road No. 506 within the Southwest quarter of the Northeast quarter of Section 25, Township 17 South, Range 6 East, Salt Lake Base and Meridian.

The narrative on page 20 states that Emery County Road Department supports the Permittee's permitting efforts with the Utah Division of Oil, Gas, & Mining to remove the described Turn Around from the current permit and to secure all necessary approvals and bond release on this particular area. The narrative goes on to state that the Emery County Road Department will install an adequate drainage culvert through the Turn Around, and perform regular maintenance to keep it clear, free flowing, and operational at all times.

jeatchel

#### Operation Plan

##### Fish and Wildlife Endangered and Threatened

*Analysis:*

The amendment meets the State of Utah R645-301-358 requirements for Fish and Wildlife Endangered and Threatened.

The size and scope of the project, combined with the fact that it is occurring along a roadway in an area that was recently disturbed and reclaimed, indicate that there will be no impact to threatened or endangered species.

tmiller

## Hydrologic Diversion General

### Analysis:

The application meets the State of Utah R645 rules for Hydrologic Diversion General.

The Permittee has proposed to allow the Emery County Road Department to construct a small snow plow truck turn-around within the Trail Mountain Access disturbed area. This proposed area received Phase I Bond Release on May 7, 2019. The disturbed area proposed for the turn-around would impact 0.08 acres according to the Permittee.

As part of the turn-around, a culvert would be installed to ensure proper drainage from the upstream watershed. Volume 2 Part 4, Appendix I provides the hydrologic calculations and drawings to support the sizing of the culvert. The proposed culvert would be considered a permanent diversion and as such, it is required to pass safely, the peak runoff of a 100-year, 6-hour precipitation event. This data and accompanying calculations to support the required storm event are provided in Appendix I of Volume 2 Part 4.

The design calls for a 70 foot, 18" CMP, and the surface of the turn-around will be covered with 6" of untreated base course. The Permittee used the Rational Method to calculate runoff from the upstream watershed and used Mannings equation to appropriately size the culvert. From the calculations, the culvert has to have a minimum of a 6" diameter, so the CMP is well over the sizing requirements.

adaniels

## Reclamation Plan

### General Requirements

#### Analysis:

The amendment meets the State of Utah R645 conditions for General Requirements.

The application satisfies the requirements for R645-301-511.100 because a general description of the proposed reclamation activities has been included along with attendant maps and other supplemental information. A notarized document giving a legal description of the location and right of way information has been included in this submittal along with tables and calculations for runoff within the affected area.

jeatchel

### Revegetation General Requirements

#### Analysis:

The amendment meets the State of Utah R645-301-356 requirements for Revegetation General Requirements.

The narrative presented on page 26 of the amendment indicates that the 0.08 acres of disturbance associated with this proposal will be graveled with a culvert added as a permanent reclamation feature. In telephone discussions with the operator on 10/8/2019, it was reaffirmed that no vegetation will be grown in the entirety of the 0.08 acres of disturbance. As such, revegetation requirements do not apply to this proposal.

tmiller

### Bonding and Insurance General

#### Analysis:

The application meets the State of Utah R645 requirements for General Bonding and Insurance.

A Phase 1 bond release for this area was approved by the Division on May 7, 2019, and the Permittee is not requesting further bond release for the 0.08 acres in question. The Permittee will convey right of way to the Emery County Road Department and is not requesting to reduce the \$977,232 currently held as reclamation bond.

jeatchel