

DOGM, Daily Construction Progress Report

Horizon Mine Reclamation

C/007/020

PO 560 180000000000269

NTP issued June 28, 2018. Expected contract completion date Oct. 26, 2018 (120 calendar days from NTP)

Date: Sept 17, 2018 **M** T W Th F S

Crew Size: 2 Supervisor: Steve Bagley Hours: 7:30 am to 5:30 pm

Crew Names: Dal Guyman, Drew Black

Equipment in use: Komatsu PC 220 LC Excavator, Komatsu PC 300LC Escavator, Komatsu HM 300 articulated haul truck, down from n/a to for

General description of work performed, equipment/material deliveries, etc:

Steve was in the excavator moving topsoil and fill on the South face of the peninsula between Portal and Jewkes Creeks. The reconstructed slope flattens out a bit as it ties in with the undisturbed ground. This looks nice and breaks the slope.

Dal was hauling topsoil in the articulated truck from the portal canyon topsoil stockpile down the drainage. Two stockpiles of topsoil are being stored on the lower topsoil pile, One topsoil stockpile is on the slope above the upper reach of Jewkes Creek. About all the portal cyn topsoil, to be moved, has been moved. The rest will stay in Portal Cyn.

One bale of hay was distributed across the West side (East facing slope) of portal canyon. It was poked in, but the work was stopped by Steve for quality control reasons. Steve will restart the work himself using the smaller bucket.

*Drew was in the Komatsu 220 constructing the upper Portal canyon drainage. He has created a natural look. The reconstructed reach of Portal canyon drainage is formed of loose soil and rock. Drew has scattered rock on the slopes to look natural. He placed a layer of topsoil on the surface of shale fragments that were exposed in topsoil removal. Drew removed a portion of the by pass culvert at the Portal Cyn inlet and the remaining culvert was crushed and bent backwards on itself. **A portion of the by pass culvert remains to be removed at the location of the portals. That will be done tomorrow.** Through the topsoil area, the remaining culvert is above the portal drainage in elevation.*

*Jewkes Creek culvert was also removed from both ends. Jewkes channel is completed in all but the reach with the confluence. At present, a pile of cut material blocks Jewkes Creek before the confluence with Portal Cyn. This will be moved to the slope along the road. **Slopes above Jewkes Creek appear steeper than 3h:1v. There is an opportunity to improve the South side,** but the North is set by the location of the Jewkes channel. The channel cut is presently 2 ft above the stream at the upstream end and 2 ft below the stream at its down stream end. At the upstream end, it will be 4 ft*



above the existing channel when channel rock is placed and the face of the reconstructed channel will be hardened with rock. At its downstream end, the final configuration will meet with well vegetated grassy sward and cut its own path.

The shaft has been capped with concrete. Soil has been placed over top and the area has been pocked all the way down the access road to the site.

I picked trash out of the reclaimed topsoiled slopes and a bucket full of trash from the former Jewkes Creek culvert inlet area.

Visitors & purpose: n/a__

Temp: 20 30 40 50 60 **70** 80 90 100 Comments:
Sky: fair **pc** mc cldy ovrkst rain snow
Ground: **dry** wet muddy snow ____" frozen

Project is approximately __X__ on schedule
 ____ days behind schedule
 ____ days ahead of schedule

Inspector: Priscilla Burton

ATTACHMENT A – Photos September 17, 2018



PHOTO 1

Looking West at the peninsula between Jewkes and Portal Cyn. The excavator is on the South facing slope. The articulated truck is hauling topsoil. Note pile of overburden blocking confluence.



PHOTO 2

Pocking on the East facing slope of Portal Cyn was interrupted. The next operator will use a smaller bucket and get better hay scatter and incorporation.



PHOTO 3

Looking downstream at the upper reach of reconstructed Portal Cyn.



PHOTO 4

Portal Cyn looking upstream at undisturbed area.

ATTACHMENT A – July 23, 2018



PHOTO 5

Thalweg in Jewkes just before disturbed area



PHOTO 6

Looking downstream at reconstructed channel from thalweg.



PHOTO 7

Looking upstream at reconstructed Jewkes Creek.



PHOTO 8

Looking South at reclamation with the shaft reclamation foreground.