January 19, 2017

Brent Martellaro  
Division Mining, Land and Water  
Department of Natural Resources  
3700 Airport Way  
Fairbanks, AK 99709-4699

Subject: 2017 Heap Leach Expressway

Dear Mr. Martellaro,

Fairbanks Gold Mining, Inc. (FGMI) is requesting a modification to our Plan of Operations for the Fort Knox Gold Mine. This modification includes clearing and grubbing 6.1 acres for the construction of the Heap Leach Expressway and recovering subbase material.

The Heap Leach Expressway includes a second multiplate tunnel to be constructed on the mine access road. The tunnel will increase safety by minimizing large mine equipment and local traffic interaction. The expressway also serves to increase ore placement efficiency on the Walter Creek Heap Leach pad (WCHL).

Figure 1 shows the current construction status of the Barnes Creek Waste Rock Dump (BCWRD) and the area planned disturbance. Total area to be disturbed is 6.1 acres. Investigatory test pits confirming suitable subbase material was completed in 2016. The material in this area will be used for the construction of the WCHL pad to the north.

Figure 2 shows the new location of the Barnes Creek growth media pad. The Fort Knox powerline will be relocated in the spring of 2017 to enable the construction of the Heap Leach expressway.

Figure 3 shows the location of the access road bypass during the multiplate tunnel construction and the final growth media platform on the BWRD 2200 lift. The platform will also be utilized for the access bypass road.

Figure 4 is the final configuration for the expressway, multiplate tunnel, BCWRD and the new Barnes Creek growth media location.
All organic material from the new disturbance associated with this modification request will be stockpiled on the new Barnes Creek growth media stockpile for future reclamation.

There are no wetlands identified in this area.

Please feel free to contact me if you have any further questions at 907-490-6184 or email Jennifer.pyecha@kinross.com

Regards,

Jennifer Pyecha
Senior Environmental Engineer

cc: Bartly Kleven, FGMI
    Ellen Lyons, ACOE
    Kyle Moselle, ADNR
Figure 1: Clearing and Grubbing January 2017

- Mine Access Rd.
- Overhead Powerline
- Additional area for GM platform 1.54 acre
- BCWRD 2200 Lift (current)
- BCWRD 2250 Lift (current)
- WCHL
- Subbase Disturbance 4.56 acres total (including expressway disturbance)
- Expressway Disturbance 3.18 acre
- Existing BC Growth Media Stockpile
Figure 2: Spring 2017

- Mine Access Rd.
- Relocated Growth Media dumped 10ft from outside edge to reduce loss
- BCWRD 2200 Lift (partially complete and will serve as platform for relocated organics)
- 2250 Ramp to BC Organics
- WCHL Pad
- Existing Culverts
- Powerline
Figure 2: Access Road Bypass Spring and Summer 2017
Final BCWRD 2200 Lift (will serve as access to growth media stockpile)

2050 lift toe with controls to maintain 15-20ft clear perimeter around media stockpile to minimize mixing.

Figure 4: Heap Leach Expressway Construction Completed Summer 2017

Relocated Growth Media Stockpile

Walter Cr. Heap Leach Expressway and Tunnel

Mine Access Rd.