

KINROSS **Fort Knox Mine**
FAIRBANKS, ALASKA

Fairbanks Gold Mining, Inc
A subsidiary of Kinross Gold Corp.
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May 6, 2016

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

Subject: 2016 Fish Creek Spur Road

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 installing a 1,000 foot long and 20 foot wide spur road around current construction activities. The purpose of this road is for safer passage of light duty traffic in the congested construction area.

Please reference the attached figure.

All organic material will be stockpiled for future reclamation.

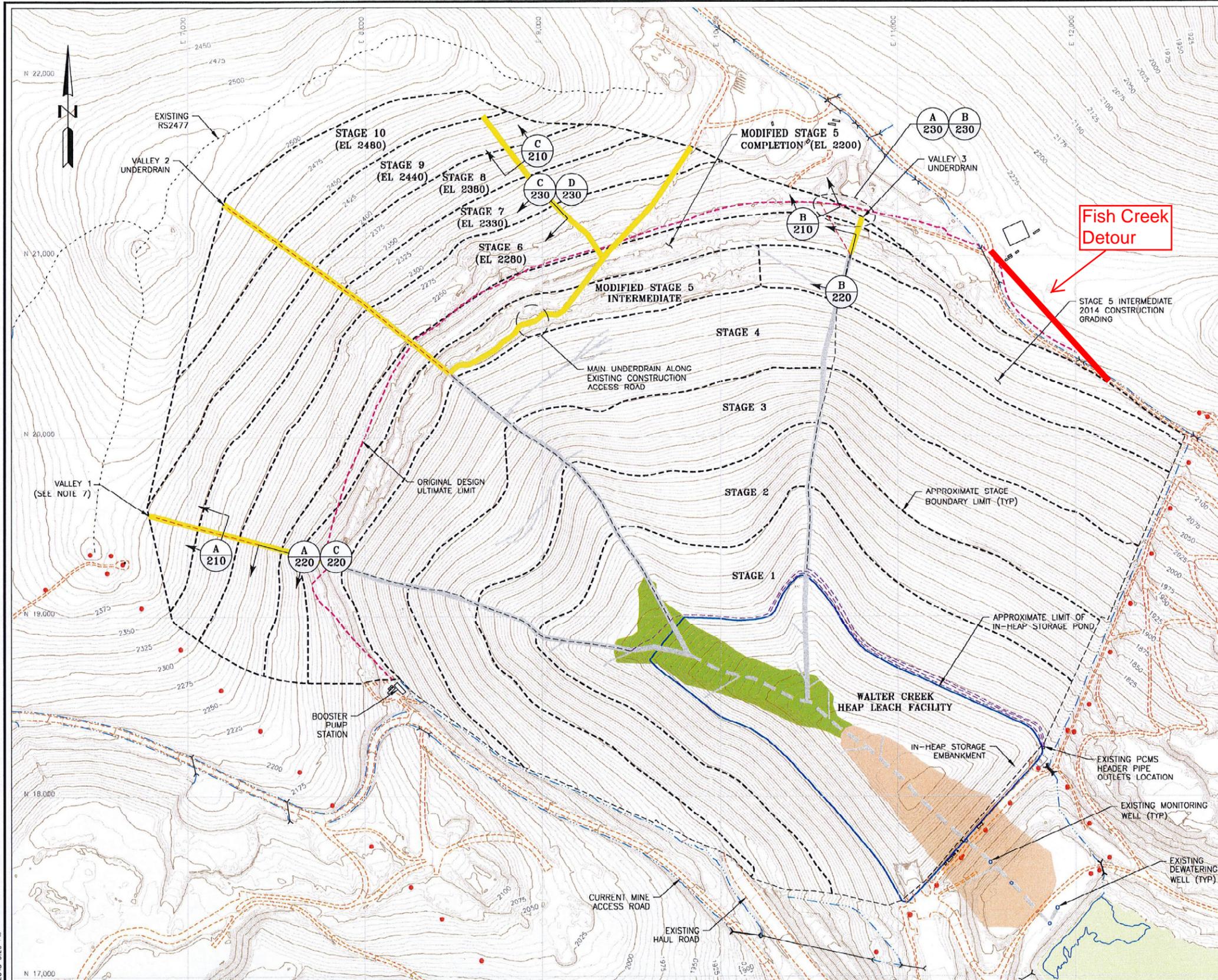
There are no wetlands in the proposed disturbance area.

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

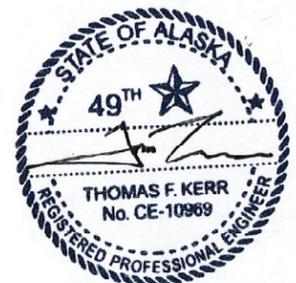
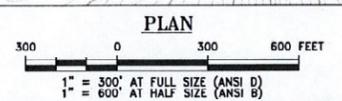
cc: Bartly Kleven, FGMI
Ellen Lyons, ACOE
Kyle Moselle, ADNRR



- LEGEND:**
- EXISTING GROUND SURFACE CONTOUR AND EL, FEET
 - EXISTING DRAINAGE/DIVERSION
 - UTILITY POLE
 - EXISTING ROAD
 - EXISTING CULVERT
 - EXISTING STRUCTURES
 - EXISTING MAIN UNDERDRAIN TRENCH
 - EXISTING RANDOM FILL DRAIN
 - EXISTING UNDERDRAIN FINGER TRENCH
 - EXISTING PCMS CHANNEL
 - EXISTING PCMS HEADER PIPE
 - NEW MAIN UNDERDRAIN TRENCH
 - NEW PCMS CHANNEL
 - TAILING (CONFIGURATION AS OF AUGUST 2014)
 - BASE PLATFORM RANDOM FILL
 - UNDERDRAIN RANDOM FILL

- NOTES:**
1. SCALE BAR MEASURES 3" ON A FULL SIZE PLOT (ANSI-D) AND 1.5" ON A HALF SIZE PLOT (ANSI-B SHEET).
 2. PCMS - THE PROCESS COMPONENT MONITORING SYSTEM IS LOCATED BENEATH THOSE PORTIONS OF THE LINER WHICH HAVE GREATER POTENTIAL FOR LEAKAGE - MAINLY BENEFIT THE MAIN SOLUTION COLLECTION HEADERS. THE PCMS CHANNELS ARE LIMITED TO THE AREA OUTSIDE THE IN-HEAP STORAGE POND.
 3. THE INTER-STAGE BOUNDARIES ARE APPROXIMATE AND SHALL BE FINALIZED PRIOR TO CONSTRUCTION OF EACH STAGE.
 4. UNDERDRAIN TRENCH LOCATIONS SHALL BE ADJUSTED IN THE FIELD BY THE ENGINEER DURING THE LEACH PAD GRADING OPERATIONS TO INTERCEPT GROUNDWATER SEEPS AND SPRINGS. IN SOME CASES THIS MAY INVOLVE ADDITIONAL UNDERDRAINS TO REACH IDENTIFIED SEEPS AND SPRINGS IN FUTURE STAGES OF THE LEACH PAD EXPANSION. ADDITIONAL UNDERDRAIN FINGER TRENCHES WILL BE CONSTRUCTED AS REQUIRED BASED ON SECTION D ON DRAWING 210.
 5. ALL EXISTING CULVERTS WITHIN THE LEACH PAD BASIN AREA SHALL BE REMOVED PRIOR TO THE START OF LEACH PAD REGRADING.
 6. SEE DRAWINGS 220 AND 230 FOR UNDERDRAIN AND PCMS TEMPORARY TERMINATIONS AT INTER-STAGE BOUNDARIES.
 7. THE MAIN UNDERDRAIN WITHIN VALLEY 1 WAS EXTENDED BEYOND THE STAGE 5 BOUNDARY AS PART OF THE STAGE 4 CONSTRUCTION. EXTENSION OF THE OVERLYING PCMS WILL BE REQUIRED DURING STAGE 5 CONSTRUCTION.
 8. THE STAGE ELEVATIONS REPRESENT THE APPROXIMATE LOW POINTS AT THE NORTHEASTERN END OF THE RESPECTIVE STAGE PERIMETER ROAD.

REFERENCE
 -AERIAL TOPOGRAPHY PROVIDED BY FGM ON 09/18/2014 (AUGUST 2014 AERIAL SURVEY)
 -2012 AS-BUILT INFORMATION PROVIDED BY AAP, USKH, AND FGM, AUGUST 2012
 -2013 AS-BUILT INFORMATION PROVIDED BY AAP, USKH, AND FGM, SEPTEMBER 2013
 -2014 AS-BUILT INFORMATION PROVIDED BY AAP, STANTEC, AND FGM, NOVEMBER 2014



REV	DATE	DESCRIPTION	APP'D	CADD
A	12/16/14	ISSUED FOR CLIENT REVIEW	JTR	CB
0	01/30/15	ISSUED FOR CONSTRUCTION	JTR	CB

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CLIENT
 FAIRBANKS GOLD MINING, INC.

PROJECT		FORT KNOX PROJECT WCHLF EXPANSION FINAL DESIGN			
TITLE		UNDERDRAIN SYSTEM AND PCMS PLAN			
DESIGNED BY	JTR	LOCATION	PROJECT NUMBER	DRAWING NUMBER	REVISION
DRAWN BY	CB	DV101	00089.71	200	0

