

Walter Creek Heap Leach Project Weekly Review

June 25th, 2008

Dial-in Conference Call: Toronto 1-416-883-0133
Others 1-877-304-7800
Participant Code: 62247#

06/21/2008

KINROSS

HSE Performance

- No injuries this week
- No environmental compliance issues this week.

Hours Worked Since Jan 1st

NSC 2,621 hr. this week; 68,551 total

Merit 120 hr. this week; 1,370 total

KP 60 hr. this week; 1,320 total

FGMI 200 hr. this week; 5000 total

Project; 3,001 hr. Total 73,240

HSE Performance

- **6 stop audits this week**

- **5 walk through by John Moss**
 - **3 minor deficiencies found**
 1. Unlabelled barrel
 2. Fall Hazard
 3. Headlights
 - All corrected by end of day

Construction

- **Weather has been a major issue**
 - To date 13 shifts (6.5 days) have been lost due to weather
- **Embankment fill continues**
- **Transition zone material is being placed on the base platform upstream of the embankment toe, to elevation 1574 on the slope**
 - Material is being taken selectively from West Slope cut
- **Stage 1 perimeter access road is now rough graded and progressing across North end of valley and along West Slope**
 - 85% Complete
- **East slope insitu does not meet the fines requirement from KP design**
 - 25%-45% passing #200 sieve required
 - Therefore a 12" compacted sub-base will be required

Construction

- **Crushing/screening for subbase preparation to meet spec**
 - 1” screen now installed and initial results indicate 25% fines, which is marginal
- **Alaska Mechanical have rough excavation to underside of footings**
 - A mud slab is to be placed on the rock surface in lue of Type I granular material
 - Per guidance of Tom Kerr
 - Knight Piesold has inspected and approved this

3 Week Construction - Schedule

Heap Leach Construction - 3 Week Look Ahead		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
ID	Activity	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13
1	Mine Waste Embankment - Elev. 1540 to 1653																					
2	East Slope: Prepared Sub-Base																					
3	West Slope: Regrade, & Compact - Cut to Fill Completion July 3rd																					
4	Crusher: Prepare Sub-base Material																					
5	Mine Waste: Haul Road Fill as Fill Elevation Increases (Schist) - On Going																					
6	Excavate LCRS Sump - On hold																					
7	Sub Base - Stockpile suitable material - On Going																					
8	Embankment Transition Fill Placement as Embankment Progresses - On Going																					
9	Construct West Slope perimeter road and ditch and tie in to mine access road																					
10	Construct West Slope Pond Limit Road																					
11	Sub Base in Pond from North to South																					
12	PCMS Install																					
13	Alaska Mechanical Excavation of CIC Foundation																					
14	Alaska Mechanical CIC Footings																					
15	Offload Liner in Fairbanks Yard - Ongoing																					



Construction – Pictures

West Slope Perimeter Road



Embankment Fill



East Slope



Crushing Stockpile

Mine Rock – Embankment Construction

- **Mine Random Fill Summary as of end of June 23rd, 2008**

Average Daily Since April 18th (CY/Day):	18,417
Average Daily Previous Week (CY/Day):	23,622
Actual Placement Thus Far (CY):	1,626,354
Budgeted Placement Thus Far (CY):	2,135,000
Placement Remaining (CY)	847,788
Variance from Budget (CY):	-508,646
↳% Variance from Budget:	-24%
Total Random Fill Volume (CY):	2,474,142
↳% Complete Total Random Fill:	66%
Estimated Completion	8-Aug-08

- **Note: Estimated Completion assumes average daily since April 18th is rate through to completion**

- **Last Week; Mine Random Fill Summary as of end of June 16th, 2008**

Average Daily Since April 18th (CY/Day):	17,810
Average Daily Previous Week (CY/Day):	17,183
Actual Placement Thus Far (CY):	1,460,997
Budgeted Placement Thus Far (CY):	1,960,000
Placement Remaining (CY)	1,013,145
Variance from Budget (CY):	-499,003
↳% Variance from Budget:	-25%
Total Random Fill Volume (CY):	2,474,142
↳% Complete Total Random Fill:	59%
Estimated Completion	11-Aug-08



Engineering Status

CIC Building plans under review by State Fire Martial

- **Footings**
- **Building Design**
- **Hazard Classification**
- **Occupancy**
- **Hazardous materials**
- **Life Safety**
- **“Allowable area”**

Mine & Mill Engineering

- **CIC footing design complete**
- **Building design compete**
- **CIC Electrical/Mechanical engineering**

KP Engineering

- **Tom Kerr - (KP) design Engineer of Record, was on site – HL & Tails**
- **PCMS design change approved by Tom Kerr**
- **Separation of tails water from HL Monitor Wells discussed**
- **Reviewing HL construction issues, solution well design, under-drains etc.**

Engineering Status

KP Engineering activities; Cont.

Prepared Sub-Base Issues;

- Changing screens to meet gradation <200 mesh 25-45%
- Blending materials for Sub-Base
- Samples taken every 3 hours from screen plant – 2.5 hour lab time - turn around on samples

Meeting scheduled with the State to discuss;

Base Platform Monitoring well - We made it bigger, 16”.

- PCMS System - Made it a gravity drain system - Still "functions" exactly the same on the monitor end.
- Base Platform Monitoring well - We made it bigger, 16”.
- Underdrain system - Complete in valley - all water captured. DWG 200 heavy black dashed-dotted lines will not be installed as per Note #4.
- Overliner options - Upgrades being considered for pond liner protection.
- Loading plan - Load pond from Valley head end -VS- Embankment ramp down the West side.
- Base platform toe sump - Separation of tailswater & Underdrain.
- Pipeline corridor - Routing adjustments.
- Pipeline corridor - Secondary containment.