

Walter Creek Heap Leach Project Weekly Review

September 17th, 2008

Dial-in Conference Call:

Toronto
Others

1-416-883-0133
1-877-304-7800

Participant Code:

62247#

KINROSS

FGMI Health and Safety

- **Totals: 30 safety checks total this week for 6 deficiencies found.**

-All corrected on spot or date to have work done set

- PPE, Checks
- Incorrectly stored fuel can
- Guards not in place

- **Will be starting files audit of contractors**

- **Walk through of CIC building site:**
 - *6 total walk through 1 minor deficiencies found
- **Walk through of Heap Leach Earthworks site:**
 - *6 total walk through 2 minor deficiency found
- **Walk through of Mobil Lab site:**
 - *6 total walk through 0 deficiencies found
- **Walk through of Fence project site (staging area):**
 - *3-Secure
- **Walk through of Screen plant (site 3)**
 - *6 total walk through 3 minor deficiencies found
- **Walk through of Liner install**
 - *3 total walk through 0 minor deficiency found



Pre rain comanco working very safe and very quick



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FGMI Health & Safety

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

Hours Worked Since Jan 1st

- AAA Fence 0 hr. this week; 1,344 total
- AMI (300) 686 hr. this week; 686 total
- AMI (200) 98 hr. this week; 7,154 total
- Comanco 876 hr. this week; 2,956 total
- FGMI 280 hr. this week; 7,800 total
- GNI (sub) UNK hr. this week; 2,331 total
- GNI (lcrs)198 hr. this week; 198 total
- KP/ Geo-temp 286 hr. this week; 5,231 total
- Merit 180 hr. this week; 3,230 total
- NSC 1,530 hr. This week; 93,265 total

Great NW Crusher control tower has ability to shut down and see all hands on site



Project hours this week; 4,134
Total of 124,194 hours

Construction

- **Comanco – 827,356 sq.ft. of liner placed (47%)**
- **Great Northwest Subbase Production**
 - Suspended Sept. 12th
- **Subbase Placement**
 - Delayed by rain and lack of drying
 - Remaining material in stockpile will be placed on the embankment uncompacted for the winter and re-worked after breakup
- **Great Northwest LCRS plant commissioned and producing LCRS and Stemming material (1,300 CY/day LCRS)**
- **Pond limit road on West slope is being widened to accommodate liner placement equipment and additional drainage ditch for spring runoff**

Construction

- **CIC builing concrete complete**
 - Engineered reqork for misplaced anchor bols completed and associated costs transmitted to Alaska Mechanical
- **CIC Building Steel**
 - Carbon Column support steel and barren solution tank erection underway
 - Garco building steel first load arrived Sept.16th
 - Cleaning up laydown yard to accommodate steel delivery

3 Week Construction Schedule

Heap Leach Construction - 3 Week Look Ahead

ID	Activity	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5
1	Place Subbase - Embankment Slope - Using up ± 6000 CY produced																					
2	Embankment Transition Fill Placement & Compaction																					
3	Prepare LCRS (GNW & NSC) - 35,000 CY																					
4	Construct Stage 1 Haul Road Tie-in																					
5	Comanco: Anchor Trenches, Wrap-up																					
6	Alaska Mechanical Carbon Column Support Steel																					
7	Alaska Mechanical Barren Solution Tank																					
8	Alaska Mechanical Structural Steel Framing																					



Construction – Pictures

Embankment Face



North – East Slope and Embankment Face



Embankment



South West Slope

Construction – Pictures

Valley Bottom



Transition Zone



Liner Protection

Sample	Moisture Content %
MC-1	14.3
MC-2	16.1
MC-3	11.6
MC-4	14.5
MC-5	14.2
MC-6	10.6
MC-7	13.6
MC-8	9.8

Current Soil Conditions



Construction – Pictures

CIC Plant Carbon Column Structure



CIC Plant Carbon Column Structure



CIC Plant Barren Tank

CIC Plant



Subbase Production and Placement

Subbase Production

As of: 12-Sep-08

Total Required (LCY)	152,522
Total Produced Thus Far	104,457
- % Produced	68%
- Production Remaining	48,065
Stockpile Available	11,703
Average Daily Production - Previous Week (LCY)	2,575

Subbase Placement

As of: 12-Sep-08

Total Pond Surface Area (sq.ft.)	1,773,460
1' Lift Thus Far (sq.ft.)	1,054,837
6" Lift Thus Far (sq.ft.)	28,452
Total Pond Surface Thus Far (sq.ft.)	1,069,063
- % Complete	60%
Average Daily Placement - Previous Week (sq.ft.)	27,553

- The subbase production rate dropped because the night shift was eliminated prior to stopping production completely

Subbase Production and Placement

LCRS Production

As of: 15-Sep-08

Total Required (LCY)	45,000
Total Produced Thus Far (LCY)	24,832
- % Complete	55%
Average Daily Production - Previous Week (LCY)	1,574

Secondary Liner Placement

10-Sep-08

Total Required (sq.ft.)	1,773,460
Total Placed Thus Far (LCY)	827,356
- % Complete	47%

Engineering Status

- **Knight Piesold – Engineering & QA Lab**
 - Allen Gipson on site
 - Soil Samples for moisture content
 - 95% compaction not achievable with high moisture content
 - Involved in discussions on how to manage moisture content
 - Continuing QA for LCRS aggregate

- **Mine & Mill**
 - Criss Jaspersen on site for the CIC plant
 - Electrical and mechanical drawings are in progress
 - Preg. & Barren pipe rack
 - ALPM shop

- **FGMI**
 - Reviewing options for drying subgrade and prepared sub-base
 - Reviewed options for amending soils to facilitate drying
 - Haul road designs are being finalized
 - Preg/Barren pipeline design under review – working with M & M.
 - Finalized LCRS collection pipe design
 - Completed telephone conference call with Richard Matson
 - DRAFT Spring Construction Schedule

From: Delbert Parr [Delbert.Parr@kinross.com]

Sent: Wednesday, September 17, 2008 5:46 PM

To: Ott, Alvin G (DFG); Meyer, Andrea M (DNR); Martellaro, Brent J (DNR); Cobb, Charles F (DNR); Fogels, Edmund J (DNR); DiMarchi, John J (DNR); Vohden, Jim (DNR); Fredericksen, Ricky S (DNR); Sharon Seim; McGroarty, Steve J (DNR); Pilon, Timothy A (DEC)

Subject: Weekly Heap Leach Status Report

Folks,

This will be the last weekly status report for 2008. We are terminating construction on the heap leach pad for the year and preparing the area for winter. This last rain has produced levels of soil moisture that exceed what is acceptable for achieving the engineering specifications required for the sub-base materials, and with the cool weather there is little or no drying occurring. At the end of this report, you will find our projected construction schedule for 2009.

Delbert

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