

Walter Creek Heap Leach Project Weekly Review

July 30th, 2008

Dial-in Conference Call: Toronto 1-416-883-0133
 Others 1-877-304-7800

Participant Code: 62247#

07/28/2008

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HSE Performance

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

Hours Worked Since Jan 1st

NSC 2,844 hr. this week; 81,053 total

AMI 498 hr. this week; 2,858 total

Merit 120 hr. this week; 1,970 total

KP & Geo Temps 338 hr. this week; 3,024 total

FGMI 200 hr. this week; 6,000 total

AAA Fence 66 hr. this week; 154 total

Project; 4,066 hr. Total 95,059

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HSE Performance

- **18 Safety Checks with 6 deficiencies found**
 - Road Signs
 - Egress Blocked
 - Unmarked/ no labels on containers
 - Berms not to proper height
 - PPE, Chocks, Headlights
- **Breakdown of walkthroughs**
 - CIC building site: 5 walkthroughs, 4 minor deficiencies found (3 to sub contractor)
 - Earthworks site: 6 walkthroughs, 5 minor deficiencies found (MSHA inspection 1 citation)
 - Mobile Lab site: 3 walkthroughs, 1 minor deficiency found
 - Fence project site: 4 walkthroughs, 0 minor deficiencies found
 - All deficiencies were corrected on the spot or a date was set to correct the deficiency
- **0 Incident Reports Filed**

Construction

- **Comanco scheduled to arrive on site Aug. 5th to begin liner install**
- **Weather continues to hinder progress for placement of subbase as the native slopes become saturated (need to dry before placement)**
 - 8 shifts in July lost due to weather
 - Total of 24 shifts lost due to weather since June 1st
- **Embankment fill is now at 1626 elevation**
- **Prepared subbase**
 - East slope within the pond limit is placed to specification and ready for liner.
 - West slope is staked for subbase, to begin this week

Construction

- **Great Northwest is mobilizing, with production of subbase to begin July 31**
- **CIC wall pour #1 of 3 was complete July 24. Concrete strengths are good. Second pour is tentatively set for August 5th.**
- **Fencing contractor has set posts from hairpin to embankment center line.**
 - **All posts were driven with very little augering required to date**
- **A second source for subbase material is being cleared (stage 2, drainage 3)**
 - **We are using fines from this area to feed NSC's screen plant above the north end of the pond.**

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
		28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Mine Waste Embankment - Elev. 1540 to 1653																					
2	East Slope: Prepared Subbase - Place and Compact																					
3	NSC Crusher: Prepare Sub-base Material, approx 60 K CY																					
4	NSC Crusher: Prepare LCRS Material, approx 60 K CY																					
5	Great North West: Mobilize Screening Plant																					
6	Great North West: Prepare Sub-base																					
7	Embankment Transition Fill Placement as Embankment Progresses - On Going																					
8	Alaaka Mechanical F/R/P - Wall section #2																					
9	Alaaka Mechanical F/R/P - Wall section #3 (Final)																					
10	NSC Prepare LCRS (45,000 CY)																					
11	Fence Construction																					
12	Clear Prepared sub-base borrow are in stage 3																					
13	Comanco: Secondary Liner Install, East Slope																					



Construction – Pictures

East Slope Compacted Subbase After Rainfall



Ponding in Bottom of Valley



Embanment Progress – Elevation 1626



Rain Delay

Construction – Pictures

Wall Pour # 1



Mushroom on Rebar



Preparation for Pour #2



Fencing

Engineering Status

- **Knight Piesold**
 - Interface friction tests for 16 oz geotextile are in progress
 - Addendum for specifications of transition layer fill pending
 - Pipeline corridor – in review with FGMI
 - 2 lead liner engineers are scheduled to come on site in August
- **Mine & Mill**
 - Final electrical and mechanical drawings are in progress
 - Review of option to use HDPE pipe on pregnant pipeline in progress

Engineering Status

- **Heap Leach Misc.**
 - **Overliner and subbase options from KP**
 - **Geo-textile has been ordered**
 - **Dump plan and list of pad piping requirements in progress by FGMI**
 - **Design in progress for connection from Embankment crest haul road to Stage 1 Perimeter road**
 - **This road will be used for initial pad loading**
 - **Revisions to schedule due to weather are ongoing**
 - **Waycon will provide engineering for lime silo structure and foundation**
 - **CIC building plans for permits and underwriter still in progress**
 - **Permit for CIC building pending plan review**
 - **Vector Engineering has been selected to perform leak detection survey**
 - **Bevel concept designed to create smooth transition from Roscoe Moss fittings steel pipe risers for solution collection wells**
 - **Awaiting final shop drawings and approval from KP**