



TSF MONTHLY REPORT DECEMBER 2009

Dam

South Dam

- Lake-Ex placed Filter (F-Zone) and Transition (T-Zone) along the South Dam until December the .
 - o South End was completed and work was continued towards 3-corner
 - o Till (S-Zone) was placed for two days (and) but was terminated due to adverse weather conditions.

Perimeter

- Approximately 15, of rock was placed in preparation for future dam build.
- Approximately of LSW was brought to the Perimeter from the Pond Zone for placement as CBL in dam construction
- Work was continued in the Sand Cells

Main Embankment

- Re-built berm to stay in compliance with Code.
- Rock was placed to fill-in road.

Sand Cells

Sand Cells #11 to Cell #16 were completed for a total Zone U volume of 21,.

- Rock had to be placed in Cell #12 due to previous flooding of the cell caused by berm failure during the construction of Cell #11.
- Production in Cells #12, #13 and #14 was hindered due to problems with the air compressor and work on the tailings line.
- Berms for Cell #13, Cell #14 and #15 were built up to avoid future flooding.
- Production in Cell #15 was limited due to the cell not being worked consistently over the Christmas period (holidays as well as piping and equipment issues).
- Production was slowed as rock had to be placed in the bases of future cells (from Cell #17 towards Corner 2) prior to advancing with Sand Cell Construction.

ABR

Construction of the ABR commenced on the , and continued through the .

- The Main Ditch was excavated from the Toe Drain Pipe location to the base of the ABR and the 6" Feed Pipe to the ABR was installed and subsequently buried by RL-7.
- Organics and Rock required in construction were brought to the ABR and construction of the internal structure took place from the to the .

Commissioning of the ABR took place on Wednesday the , and flow was confirmed into the header pipe.

- The entire piping structure and rock covering is now completely submerged.

Project Work

Work was focused on ABR design and construction, and included flow analysis, construction preparation and installation methods.

Work was also done in preparation for the placement of Till (Zone S), and was catered towards optimizing efficiency in order to meet target budget figures (based on information gathered during the two days of placement).

Short-term planning has been completed for TSF Construction (Jan. – Apr.) and Mid-term planning is to be undertaken shortly. A Sand Cell Project Meeting is scheduled for Wednesday, January , and will be the start date for the formalization of cell construction techniques and monitoring.