



## **TSF WEEKLY REPORT**

**WEDNESDAY DECEMBER 2<sup>ND</sup> – TUESDAY DECEMBER 8<sup>TH</sup>, 2009**

### Dam

#### South Dam

- Lake-Ex placed Filter (F-Zone) and Transition (T-Zone) along the South Dam.
  - o 15m remains to be completed along the North End, but is awaiting work required on the Foundation Drain pipe.
  - o South End is nearing completion and should be finished by the weekend.

#### Perimeter

- No work was done on the Perimeter other than Sand Cell construction.

#### Main Embankment

- No work was done on the Main Embankment.

### Sand Cells

Sand Cell #11 was completed and Cell #12 was started on the and is 25% complete

- 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.
- Berms for Cell #13 and Cell #14 were built up to avoid future flooding.

### 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.
- A drainage ditch was dug along the inside of the ABR in preparation for de-watering.
- The Toe Drain Pipe area was excavated and RL-7 tied into the Toe Drain Pipe with the T-valve ABR feed (all contained in a culvert and buried).
- The 6" Feed Pipe to the ABR was installed by RL-7 and is in the process of being buried to re-establish access along the bottom of the Main Embankment.
- Wood chips and Rock required in construction were brought to the ABR.

### 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.



## **TSF WEEKLY REPORT**

**WEDNESDAY DECEMBER 9<sup>TH</sup> – TUESDAY DECEMBER 15<sup>TH</sup>, 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
- Till (S-Zone) was placed for two days ( and ) but was terminated due to adverse weather conditions.

#### Perimeter

- Sand Cell construction.
- Approximately 15, of rock was placed in preparation for future dam build.

#### Main Embankment

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

### Sand Cells

Sand Cell #12 was completed and Cell #13 was started on the and is 50% complete

- Production was hindered due to problems with the air compressor and work on the tailings line.
- Berms for Cell #14 and Cell #15 were built up to avoid future flooding.

### ABR

Construction of the ABR continued through to the with the aid of RL-7.

- “Fingers” 1 – 11 of ABR piping were installed and layered with organics and hay before being sealed with a rock cover.
- The 6” feed line into the ABR was tied into the 2” header feeding the fingers.
- Work was done filling in the area around the island in the ABR with organics and rock, and is to be completed on the .
- Commissioning of the ABR is set to take place on the .

### Project Work

Further work was done in preparation for the placement of Till (Zone S), based on information gathered during the two days of placement.



## **TSF WEEKLY REPORT**

**WEDNESDAY DECEMBER 16<sup>TH</sup> – TUESDAY DECEMBER 22<sup>ND</sup>, 2009**

### Dam

#### South Dam

- No work was done on the South Dam

#### Perimeter

- No work was done on the Perimeter

#### Main Embankment

- No work was done on the Main Embankment

### Sand Cells

Cell #13 was completed on the , and Cell #14 was completed on the .

- Production was hindered due to problems with berm and discharge box washout as well as poor tonnage and grind (leading to tailings being discharged at the bypass for extended periods)

### ABR

Further work on the ABR took place on Wednesday the .

- The final loads of organics and rock were trammed into the ABR and construction was completed

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

- Almost a metre of water is now retained in the ABR (Tuesday the ), with flow patterns corresponding to design specifications
- Excavation of a decant structure is scheduled for next week

### Project Work

No Project work was done.



## **TSF WEEKLY REPORT**

**WEDNESDAY DECEMBER 23<sup>RD</sup> – TUESDAY DECEMBER 29<sup>TH</sup>, 2009**

### Dam

#### South Dam

- No work was done on the South Dam

#### Perimeter

- No work was done on the Perimeter Dam, except for in the Sand Cells.

#### Main Embankment

- No work was done on the Main Embankment

### Sand Cells

Cell #15 was 50% completed.

- Production was limited due to the cell not being worked consistently over the Christmas period (holidays as well as piping and equipment issues).

### ABR

Water continues to build and has now fully submerged all materials previously placed in the base of the ABR.

### Project Work

Planning work is being done in preparation for the commencement of Dam construction scheduled to begin mid-January.