



TSF WEEKLY REPORT
WEDNESDAY DECEMBER 30TH – TUESDAY JANUARY 5TH, 2010

Dam

South Dam

- No work was done on the South Dam

Perimeter

- Approximately 540t of LSW was brought to the Perimeter from the Pond Zone for placement as CBL in dam construction - work was also continued in the Sand Cells

Main Embankment

- No work was done on the Main Embankment

Sand Cells

Cells #15 and #16 were completed.

- Production was slow 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

Water continues to build in the ABR.

Project Work

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.



TSF WEEKLY REPORT

WEDNESDAY JANUARY 6TH - TUESDAY JANUARY 12TH, 2010

Dam

South Dam

- No work was done on the South Dam

Perimeter

- 30,000t of rock was brought to the Perimeter for use in the construction of rock bases for the Sand Cells along the Perimeter and Main embankments, and for use in future dam construction.
- 18,500t of material was re-handled in building rock bases for Sand Cells (due to incompetency of existing base material).

Main Embankment

- No work was done on the Main Embankment except for rocking in of future Sand Cell bases.

Sand Cells

Cells #17, #18 and Cell #19 were completed.

- Rock was placed in future cells up to and past Corner 2 and towards Corner 3 (due to adverse existing base conditions).

ABR

Water continues to build in the ABR; water levels rose at a disproportionately high level due to collection of run-off from recent weather patterns. A discharge system (culvert and ditch) is set to be installed in the coming week.

Project Work

Short- and medium-range planning continues for the TSF building program, and a project meeting was held on Tuesday, January . Phase I of Dam construction is set to begin in mid-January and Phase II in June (weather permitting).



TSF WEEKLY REPORT
WEDNESDAY JANUARY 13TH - TUESDAY JANUARY 19TH, 2010

Dam

South Dam

- No work was done on the South Dam.

Perimeter

- 27,700t of rock was brought to the Perimeter for use in the construction of rock bases for the Sand Cells along the Main embankment, and for use in future dam construction.
- 5,610t of material was re-handled in building rock bases for Sand Cells (due to incompetency of existing base material).

Main Embankment

- No work was done on the Main Embankment except for rocking in of future Sand Cell bases.

Sand Cells

No Sand Cells were completed.

- Rock was placed in future cells from Corner 2 towards Corner 3 (due to adverse existing base conditions).

ABR

Water continues to build in the ABR. A discharge system (culvert and ditch) was installed in addition to a separate ditch system to prevent run-off flow into the ABR.

Project Work

A preliminary 2010 TSF planning package was completed and is under review internally as well as by potential contractor Lake Excavating Ltd.



TSF WEEKLY REPORT

WEDNESDAY JANUARY 20TH - TUESDAY JANUARY 26TH, 2010

Dam

South Dam

- Work was done in re-establishing berms in Sand Cells near Corner 4 in order to guard from breaching.
- Rock was placed to patch up some Sand Cells.

Perimeter

- Sand Cells along the Perimeter were completed.
- 30,000t of rock was brought to the Perimeter for use in the construction of rock bases for the Sand Cells along the Main embankment, and for use in future dam construction.

Main Embankment

- Sand Cell construction took place.
- 20,000t of material was re-handled in building rock bases for Sand Cells (due to incompetency of existing base material).
- Rocking in of future Sand Cell bases was completed.

Sand Cells

Sand Cell #20 along the Perimeter and Sand Cell #1 along the Main were completed

- Rock was placed in Sand Cells #2 – Sand Cell #7 along the Main Embankment due to adverse existing base conditions.

ABR

Water continues to build in the ABR. Minor construction occurred in placing Till to secure the western wall of the structure.

Project Work

Discussion continues with Lake Excavating Ltd. in regards to 2010 TSF Construction.



TSF WEEKLY REPORT

WEDNESDAY JANUARY 27TH - TUESDAY FEBRUARY 2ND, 2010

Dam

South Dam

- 10,000t of rock was placed in preparation for capping of new pipe grade.
- Work on a new pipe grade from Corner 5 to Corner 4 was started on February and is scheduled to be completed this week.

Perimeter

- 10,000t of Till/Slime was brought from the Pond Zone and dumped at 5-Corner.
- 26,000t of rock was brought to the Perimeter for use in the construction of Zone C.
- Sloping of Zone C material for dam design was started from Corner 2 towards Corner 1.

Main Embankment

- No work took place other than Sand Cell construction.

Sand Cells

Sand Cells #2 and Cell #3 along the Main were completed; Cell #4 is 25% complete.

ABR

Water continues to build in the ABR. Minor construction occurred again this week in placing Till to secure the western wall of the structure.

Project Work

A contract with Lake Excavating Ltd. was finalized for Till and Filter placement in 2010 TSF construction.



TSF WEEKLY REPORT

WEDNESDAY FEBRUARY 3RD - TUESDAY FEBRUARY 9TH, 2010

Dam

South Dam

- No work took place on the South Dam.

Perimeter

- 42,250t of rock was brought to the Perimeter for use in the construction of Zone C and Zone T.
- Sloping of Zone C material for dam design was continued from Corner 2 towards Corner 1.
- Zone T material for dam design was sloped and packed from Corner 2 towards Corner 1.

Main Embankment

- No work took place other than Sand Cell construction.

Sand Cells

Sand Cell #4 was completed, but sand cell construction has been suspended due to stress observed in the tailings pipeline. Sand Cell construction will now swing over to the South dam, pending pipe connection by the surface crew.

ABR

No Work was done on the ABR.

Project Work

10,000t of rock was re-handled in preparing a new tailings pipe elevation, on which preliminary work has been commenced. The project is non-urgent, with a completion deadline of July , 2010.

Lake Excavating has mobilized equipment, and is beginning to place Zone F along the Perimeter.

Mark Smith from Knight Piésold is now on site to supervise TSF construction.



TSF WEEKLY REPORT
WEDNESDAY FEBRUARY 10TH - TUESDAY FEBRUARY 16TH, 2010

Dam

South Dam

- Zone S (Till) was placed on the South Dam by Lake Ex.
 - o 100m of 0.6m thickness was placed
 - o 250m of 0.3m thickness was placed

Perimeter

- 40,000t of rock was brought to the Perimeter for use in the construction of Zone C and Zone T between Corner 2 and Corner 1 which is now almost complete.
- Zone F (Filter) was placed from Corner 2 towards Corner 1, and is now ready for Till placement
- Ice was exposed and removed that had been buried in Sand Cells #18 – Cell #20.

Main Embankment

- Excess Zone F (Filter) piles along the main embankment were removed and more strategically placed around the Dam.

Sand Cells

Sand Cell construction was suspended for the past week due to pipe being re-routed and limited equipment availability - but is slated to resume this week.

ABR

No Work was done on the ABR.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Mark Smith from Knight Piésold continues to be on site to supervise TSF construction.

A new Sand Cell spill box was delivered to site, and will now allow for Sand Cell construction to alternate between locations to achieve more consistent production.



TSF WEEKLY REPORT

WEDNESDAY FEBRUARY 17TH - TUESDAY FEBRUARY 23RD, 2010

Dam

South Dam

- 0.6m thickness of Zone S (Till) placement was completed along the entire South Dam by Lake Ex.
- Sand Cell construction took place.

Perimeter

- Ice was exposed and removed that had been buried in Sand Cells #18 – Cell #20 and was backfilled with CBL (rock) and Zone U (Sand).
- 8,500t of rock was brought to the Perimeter for use in the construction of Zone C and Zone T between Corner 2 and Corner 1 (which is now almost complete) and for backfilling of aforementioned exposed areas.
- An additional 8,500t of rock was re-handled in same construction.
- Zone F (Filter) placement was completed from Corner 2 to Corner 1 by Lake Ex.
- 0.6m thick Zone S (Till) was placed from Corner 1 towards Corner 2 by Lake Ex., and should be completed within a week.

Main Embankment

- No work took place along the main embankment.

Sand Cells

Sand Cell construction took place in Cell #1 along the South Dam, which is now 75% complete.

ABR

No Work was done on the ABR.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Mark Smith from Knight Piésold continues to be on site to supervise TSF construction.

Sand Cell operation is being prepared such that alternating production can take place (Main and Perimeter) to reduce cell downtime.



TSF WEEKLY REPORT

WEDNESDAY FEBRUARY 24TH - TUESDAY MARCH 2ND, 2010

Dam

South Dam

- 9,000t of rock was brought to the South Dam for use in the construction of Zone U (CBL).

Perimeter

- 0.6m thick Zone S (Till) placement continues, and is now over half complete.
- Zone F (Filter) was completed along the Perimeter.
- Zone T (Transition) placement was completed along the Perimeter.

Main Embankment

- A 1.0m lift of Zone C (Rock) was completed to Corner 2 from the mid-point of the Main Embankment, completing Zone C construction for Phase I.
- Approximately 500m of Zone T (Transition) material has been placed from the mid-point towards Corner 2, but has yet to be compacted.
- Removal of ice and backfilling of Zone U (Sand and CBL) continued this week from Corner 2 towards Corner 3.
- Zone F (Filter) placement is ongoing from Corner 3 towards Corner 2.

Sand Cells

No Sand Cell Construction took place, save the rocking in of Cells #2 – Cell #4 along the South Dam.

ABR

No Work was done on the ABR.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Work has taken place on mitigating water problems at the bridge leading up to Corner 1.

Test holes continue to be dug to find and remove all ice from Zone U construction along the Main Embankment.

Mark Smith from Knight Piésold continues to be on site to supervise TSF construction.

Sand Cell operation is being prepared such that alternating production can take place (Main and Perimeter) to reduce cell downtime.



TSF WEEKLY REPORT

WEDNESDAY MARCH 3RD - TUESDAY MARCH 9TH, 2010

Dam

South Dam

- No Work was done on the South Dam other than Sand Cell construction.

Perimeter

- 0.6m thick Zone S (Till) placement continues from Corner 1 to Corner 2, and is now three quarters (75%) complete.

Main Embankment

- 27,000t of Zone T (Transition) and Zone C (Rock) placement was completed along the Main embankment up to and including Corner 2.
- Zone F (Filter) placement is ongoing from Corner 3 towards Corner 2 and is 50% complete.

Sand Cells

Sand Cell #5 along the Main was completed on March , and Sand Cell #6 is now 50% complete.

ABR

2,000t of Till was used in mitigating ABR leaking and has been placed such that the ABR is ready to fill. Rock was also re-handled in backfilling some areas.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

10,000t of rock was used in bridge work mitigating water problems, and was completed on March .

Test holes continue to be dug to find and remove all ice from Zone U construction along the Main Embankment.

Kurt Merrifield from Knight Piésold is now on site to supervise TSF construction.

Sand Cell preparation took place, now allowing for construction to take place along both the Perimeter and South Embankments to reduce downtime.

A recycling pond along the South Embankment is being engineered, and is to be constructed this summer.



TSF WEEKLY REPORT

WEDNESDAY MARCH 10TH - TUESDAY MARCH 16TH, 2010

Dam

South Dam

- Zone S (Till) material was placed to touch up Corner 3.
- Sand Cell construction took place.

Perimeter

- 0.6m thick Zone S (Till) placement was completed from Corner 1 to Corner 2.
- The perimeter pond pipe was raised to keep on schedule with Dam construction.
- Ice was removed from the Zone U material and backfilled with rock and sand at Corner 2.
- Corner 2 was widened with Zone C material for access to the lower road between Corner 2 and Corner 3.
- Sand Cell preparation took place.

Main Embankment

- 500m of Zone S (Till) was placed in 0.6m depth from Corner 3 to Corner 2.
- The main pond pipe was raised to keep on schedule with Dam construction.

Sand Cells

Sand Cell #6 along the Main was completed on March , and LSW was placed as CBL and as outer berms along cells on both the Perimeter and South Dams.

ABR

Till work was completed in raising the western berm of the ABR, mitigating leaking issues. The ABR has now resumed filling.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Test holes continue to be dug to find and remove all ice from Zone U construction along the Main Embankment.

Kurt Merrifield from Knight Piésold is now on site to supervise TSF construction.

A pump for the future South Embankment pond has been ordered, and construction is slated to begin in the coming weeks.



TSF WEEKLY REPORT

WEDNESDAY MARCH 17TH - TUESDAY MARCH 23RD, 2010

Dam

South Dam

- No work took place on the South Dam save Sand Cell construction.

Perimeter

- 16,500t of rock was delivered to the dam, and 3,600t was re-handled in widening the access to the Perimeter Pond and Till Borrow.
- Sand Cell construction took place along the Perimeter.

Main Embankment

- Zone F (Filter) placement was completed for the Main. The entire dam is now compliant with Zone F (Filter) to the 954.6m elevation.
- Zone S (Till) placement was completed to 954.6m elevation for Main. The entire dam is now compliant with Zone S (Till) to the 954.6m elevation.
- Zone S (Till) placement continues along the Main to a 955.5m elevation, and will be completed by Wednesday.

Sand Cells

Sand Cell #2 was completed along the Perimeter, and Cell #3 has been started. Sand Cell #7 along the South Dam was completed. Work continues in rocking in bases of future cells.

ABR

The ABR continues to fill, and is now approximately two inches from commencing discharge out of the decant pipe. Noel McKinnon of Tyee Contracting was brought in to size a fence for the project. Samples of the water and soils of the ABR have been sent to UBC for analysis as part of the Genome project.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Kurt Merrifield remains on site from Knight Piésold to supervise TSF construction.

A pump for the future South Embankment pond has been ordered, and containment fencing is to be constructed by Noel McKinnon of Tyee Contracting.

A drainage ditch was constructed at Corner 5 to re-direct clean water from entering the Tailings Dam.



TSF WEEKLY REPORT
WEDNESDAY MARCH 24TH - TUESDAY MARCH 30TH, 2010

Dam

South Dam

- No work took place on the South Dam save Sand Cell construction.

Perimeter

- 7,000t of rock was placed along the Perimeter as Zone C and Zone T between Corner 5 and Corner 1.
- Zone S (Till) and Zone F (Filter) were placed from Corner 5 to Corner 1.
- Zone S (Till) was placed to the 955.5m elevation between Corner 1 working towards Corner 2.
- Sand Cell construction took place along the Perimeter.

Main Embankment

- Zone S (Till) placement was completed to 955.5m elevation for the Main.
- 60,000t of rock (Zone U/CBL) was placed along the main.

Sand Cells

Sand Cell #3 and Sand Cell #4 were completed along the Perimeter. Sand Cell #8 and Sand Cell #9 along the South Dam were completed. Work continues in rocking in bases of future cells along the Main.

ABR

The ABR has begun to discharge, and water is entering the ditch system and continuing on to the Main Embankment Recycle Pond. Containment fencing is to be constructed by Tye Contracting.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Mark Smith remains on site from Knight Piésold to supervise TSF construction.

A pump and fittings for the future South Embankment pond has been ordered, and containment fencing is to be constructed by Noel McKinnon of Tye Contracting.



TSF WEEKLY REPORT
WEDNESDAY MARCH 31ST - TUESDAY APRIL 6TH, 2010

Dam

South Dam

- No work took place on the South Dam save Sand Cell construction.

Perimeter

- 57,000t of rock was placed along the Perimeter as Zone U between Corner 2 and Corner 1.
- Zone S (Till) was placed to the 956.1m elevation, and was completed between Corner 1 and Corner 2.
- Sand Cell construction took place along the Perimeter.

Main Embankment

- 36,000t of rock was placed along the Main as Zone U between the Main Seepage Pond pipe and Corner 2.
- Zone S (Till) placement to the 956.1m elevations commenced on Tuesday at noon.

Sand Cells

Sand Cell #10 and Sand Cell #11 were completed along the South. Sand Cell #3 along the Perimeter was completed.

ABR

The ABR continues to discharge. Work was done widening the roadway adjacent to the ABR.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Mark Smith remains on site from Knight Piésold to supervise TSF construction.

A ditch line to a pond below the ABR was constructed, in addition to some reclamation work in the area.

A filter crush run was done over the weekend, with 13,000t of material for Zone F placement being produced.

Lake Ex had a wiggle wagon flip over on April 1, with minor damage to equipment occurring. An incident report was filed by John Purdy.



TSF WEEKLY REPORT

WEDNESDAY APRIL 7TH - TUESDAY APRIL 13TH, 2010

Dam

South

- 25,000t of Rock was placed as Zone U (CBL) along the South Embankment.
- South Embankment tie-in was excavated and is ready for material placement.
- Sand Cell construction took place along the South Embankment.

Perimeter

- 50,000t of rock was placed along the Perimeter Embankment as Zone U (CBL) and Zone T (Transition) and was also used as material for pipe crossing between Corner 5 and Corner 2.
- Two lifts of Zone F (Filter) were placed to the 956.1m elevation, and completed between Corner 5 and Corner 2.
- Zone T (Transition) was placed, starting from Corner 5, working towards Corner 1.
- Sand Cell construction took place along the Perimeter Embankment.

Main

- Zone S (Till) placement to the 956.4m elevation was completed.
- One lift of Zone F (Filter) was completed to the 956.1m elevation, and 50% of the second lift was completed.

Sand Cells

Sand Cell #12 was completed along the South Embankment. Sand Cell #4 and Sand Cell #5 along the Perimeter Embankment were completed.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Mark Smith remains on site from Knight Piésold to supervise TSF construction.

Filter from last week's crush run was hauled to the TSF and stockpiled below the Main Embankment at Corner 3.

A new tailings line pipe grade road was completed on April , and provides sufficient head for future Sand Cell construction.



TSF WEEKLY REPORT

WEDNESDAY APRIL 14TH - TUESDAY APRIL 20TH, 2010

Dam

South

- Zone S (Till) placement was completed to the 956.4m elevation along the South Embankment.
- South Embankment tie-in was excavated and is ready for material placement.
- 5,000t of rock was placed along the South Embankment as Zone U (CBL).

Perimeter

- 15,000t of rock was placed along the Perimeter Embankment as Zone T (Transition), and was completed to the 956.1m elevation.
- 25,000t of rock was placed along the Perimeter Embankment as Zone C (Rock), starting from Corner 5, working towards Corner 1.
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Main

- 9,000t of rock was placed along the Main Embankment as Zone T (Transition).
- Zone F (Filter) was completed to the 956.1m elevation along the entire Main Embankment.

Sand Cells

Due to pipe moving personnel shortages, no Sand Cell construction took place.

ABR

The ABR continues to discharge. The area around the ABR is to be prepared this week for fencing to be installed.

Project Work

Lake Excavating has been placing Zone F and Zone S as outlined above.

Kurt Merrifield is now on site from Knight Piésold to supervise TSF construction.

Filter from this weekend's crush run is being hauled to the TSF and stockpiled below the Main Embankment at Corner 3.



TSF WEEKLY REPORT

WEDNESDAY APRIL 21ST - TUESDAY APRIL 27TH, 2010

Dam

South

- South Embankment tie-in was excavated and is ready for material placement.
- 4,000t of rock was placed along the South Embankment as Zone T (Transition), in preparation for future build.

Perimeter

- 72,000t of rock was placed along the Perimeter Embankment as Zone C (Rock). Construction was completed to the 957.4m elevation between Corner 5 and Corner 1, and construction to the 956.1m elevation was started from Corner 1 towards Corner 2.

Main

- 8,000t of rock was placed along the Main Embankment as Zone T (Transition) and construction was completed to the 956.4m elevation.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge. A weir has been installed downstream of the ABR to measure discharge flow rates.

Project Work

Lake Excavating is now off-site while maintenance is completed on their equipment.

The Tailings line was moved to the new pipe grade between Corner 5 and Corner 4.

Housekeeping work was done at the Biosolids dump.

A South Embankment Recycle Pond was constructed, and both the South Pond and the ABR were prepared for fence construction.

Logs in the Till Borrow pit were moved and sorted by type.



TSF WEEKLY REPORT
WEDNESDAY MAY 5TH - TUESDAY MAY 11TH, 2010

Dam

South

- The first of two lifts of Zone F (Filter) was placed to the 956.4m elevation along the South Embankment. Packing was not completed due to packer unavailability.

Perimeter

- 77,500t of rock was placed along the Perimeter Embankment as Zone C (Rock) and Zone T (Transition). Construction was completed to the 957.4m elevation between Corner 5 and Corner 2.

Main

- No Work was done on the Main Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge. A containment fence has been posted in, and fencing continues to be constructed.

Project Work

Lake Excavating is now on-site and is constructing Zone S and Zone F as outlined above.

Housekeeping work was done at the Biosolids dump.

Fencing posts have been installed at the South Embankment Pond, and fencing continues to be constructed.



TSF WEEKLY REPORT
WEDNESDAY MAY 12TH - TUESDAY MAY 18TH, 2010

Dam

South

- Zone F (Filter) and Zone T (Transition) was placed to the 956.4m elevation along the South Embankment.

Perimeter

- 7,000t of rock was placed along the Perimeter Embankment as Zone C (Rock) and Zone T (Transition). Construction was completed to the 957.4m elevation between Corner 5 and Corner 2.
- Zone F (Filter) was placed from Corner 5 working towards Corner 2.

Main

- 60,000t of rock was placed along the Main Embankment as Zone C (Rock) and Zone T (Transition). Construction was completed to the 957.4m elevation between Corner 2 and the Main Pump Crossing.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge. A containment fence has been completed.

Project Work

Lake Excavating is now on-site and is constructing Zone S and Zone F as outlined above.

Housekeeping work was done at the Biosolids dump.

Two filter crush runs were taken to the dam and stockpiled at Corner 5.



TSF WEEKLY REPORT
WEDNESDAY MAY 19TH - TUESDAY MAY 25TH, 2010

Dam

South

- Zone T (Transition) was completed to the 956.4m elevation along the entire South Embankment.

Perimeter

- The first of two lifts of Zone F (Filter) was placed from Corner 5 to Corner 2, and the second lift was started.
- Zone T (Transition) housekeeping work was completed for the entire Perimeter Embankment.

Main

- Zone C (Rock) construction was completed to the 957.4m elevation for the entire Main Embankment.

Sand Cells

No Sand Cell construction took place, but the tailings discharge point was extended by 400m in keeping with the pipe move schedule.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating is now on-site and is constructing Zone S and Zone F as outlined above.

Housekeeping work was done at the Biosolids dump.

One filter crush run was taken to the dam and stockpiled at Corner 5.

Containment fencing for the South Seepage Pond was completed.



TSF WEEKLY REPORT
WEDNESDAY MAY 26TH - TUESDAY JUNE 1ST, 2010

Dam

Perimeter

- Zone F (Filter) construction was completed from Corner 5 to Corner 2 to the 957.3m elevation.
- Zone S (Till) work was started from Corner 2 working towards Corner 1. The first lift has been completed for 850m, two lifts have been completed for 550m and three lifts have been completed for 400m. All distances are relative to Corner 2, and are part of the four lifts required in Phase III construction (957.3m elevation).

Main

- Zone C (Rock) construction was completed to the 957.3m elevation for the entire Main Embankment.
- Zone T (Transition) construction was completed to the 957.3m elevation for the entire Main Embankment.
- Zone U (CBL) construction to the 956.1m elevation with LSW material was started from Corner 2 working towards Corner 3, 800m of which was completed.

South

- No work was done on the South Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating is now on-site and is constructing Zone S and Zone F as outlined above.



TSF WEEKLY REPORT
WEDNESDAY JUNE 2ND - TUESDAY JUNE 8TH, 2010

Dam

Perimeter

- No work was done on the Perimeter Embankment other than maintenance work at the Corner 1 Ramp.

Main

- No work was done on the Main Embankment other than raising piezometers.

South

- 67,000t of material was placed as Zone C (Rock) to the 957.3m elevation along the South Embankment, completing approximately 2/3 of the dam.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Work was done on the ABR discharge to install a flow monitoring pipe as well as building up berms in areas of high-travel.

Project Work

Lake Excavating was off-site due to adverse weather conditions.

Work was done at the biosolids dump, building up berms with material from the rock quarry to increase storage capacity.

Rock was placed at the South Seepage Pond to further prevent bovine entry.



TSF WEEKLY REPORT

WEDNESDAY JUNE 9TH - TUESDAY JUNE 15TH, 2010

Dam

Perimeter

- 10, of Zone S (Till) was placed along the Perimeter Embankment from Corner 2 working towards Corner 5 (956.7m along the entire Perimeter Embankment, 957.0m from Corner 2 to Corner 1, 957.3m for 650m from Corner 2 towards Corner 1).

Main

- No work was done on the Main Embankment.

South

- 18,500t of material was placed as Zone C (Rock) and Zone T (Transition) to the 957.3m elevation along the South Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Advanced water sampling and profiling took place this week, the results of which suggest favourable conditions for SRB development.

Project Work

Lake Excavating was on-site placing Zone S (Till) as outlined above.

Work was done on re-establishing berms along the lower Main Embankment access between Corner 2 and Corner 3.



TSF WEEKLY REPORT

WEDNESDAY JUNE 16TH - TUESDAY JUNE 22ND, 2010

Dam

Perimeter

- 10,500t of Zone S (Till) was placed along the Perimeter Embankment, completing construction to the 957.3m elevation for the entire embankment.
- 10,500t of rock was placed as Zone U (CBL) from Corner 5 to Corner 1 along the Perimeter Embankment to the 958.5m elevation.
- The Perimeter Pond pipe was raised over the embankment to the 958.5m elevation.

Main

- 30,500t of rock was placed as Zone U (CBL) from Corner 2 to Corner 3 along the Main Embankment, completing construction to the 956.1m elevation.
- 4,000t of Zone F (Filter) was placed along the Main Embankment, completing construction to the 957.3m elevation for the entire embankment.
- 1,800t of Zone S (Till) was placed along the Main embankment from Corner 2 working towards Corner 3.

South

- 19,500t of rock was placed as Zone C (Rock) to the 957.3m elevation along the South Embankment.
- The toe drain on the South Embankment was extended to the 958.5m elevation.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating was on-site placing Zone S (Till) and Zone F (Filter) as outlined above,

Work was done in stripping organics above the road between Corner 5 and Corner 4 for future use in composting Nutrifor and use in ABRs.

The Long Ditch pipe from the sump to the beginning of the bridge was buried to mitigate freezing issues encountered last winter.

The South Embankment Pond pump was sent out to have an electric starter fitted.

Vili Giorev is on site from Knight Piésold supervising TSF construction.



TSF WEEKLY REPORT
WEDNESDAY JUNE 23RD - TUESDAY JUNE 29TH, 2010

Dam

Perimeter

- No work was done on the Perimeter Embankment.

Main

- Approximately 3,000t of Zone S (Till) was placed along the Main Embankment from Corner 2 working towards Corner 3.

South

- 12,000t of rock was placed as Zone C (Rock) and Zone T (Transition) to the 957.3m elevation along the South Embankment.
- The first lift of Zone F (Filter) was placed and compacted to the 957.3m elevation along the South Embankment and the second lift was started.
- The toe drain on the South Embankment was completed to the 958.5m elevation.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

A filter crush run was completed, and 4, of Zone F (Filter) material was brought to the dam.

Lake Excavating was on-site placing Zone S (Till) and Zone F (Filter) as outlined above.

The South Embankment Pond pump returned to site after having an electric starter specified and ordered, and will be sent out again when the appropriate parts are shipped and ready to be installed.

Vili Giorev is on site from Knight Piésold supervising TSF construction.



TSF WEEKLY REPORT
WEDNESDAY JUNE 30TH - TUESDAY JULY 6TH, 2010

Dam

Perimeter

- 8,100t of rock was placed as Zone U (CBL) along the Perimeter Embankment to the 958.5m elevation.
- Zone F (Filter) material was placed at Corner 2 to tie-in the Perimeter Embankment to the Main Embankment.

Main

- 3,800t of rock was placed as Zone U (CBL) along the Main Embankment.

South

- No work was done on the South Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Housekeeping work was done on the Perimeter Pipe and Toe Drain.

Work was done on the Joe's Creek pipeline grade.

Lake Excavating was on-site placing Zone F (Filter) as outlined above.

Greg Lewsley was on site from Knight Piésold supervising TSF construction.



TSF WEEKLY REPORT
WEDNESDAY JULY 7TH - TUESDAY JULY 13TH, 2010

Dam

Perimeter

- 6,800t of rock was placed as Zone U (CBL) along the Perimeter Embankment to the 958.5m elevation.

Main

- Approximately 1, of Zone S (Till) was placed along the Main Embankment to the 957.3m elevation.

South

- Approximately 1, of Zone S (Till) was placed along the South Embankment from Corner 3 working towards Corner 4 to the 957.3m elevation.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating was on-site placing Zone F (Filter) and Zone S (Till) as outlined above.

Greg Lewsley, Carolyn Grise and Vili Giorev were on site from Knight Piésold supervising TSF construction.

One filter crush run was completed, part of which was hauled as Zone F (Filter) material to the dam.



TSF WEEKLY REPORT

WEDNESDAY JULY 14TH - TUESDAY JULY 20TH, 2010

Dam

Perimeter

- 49,000t of rock was placed as Zone U (CBL) along the Perimeter Embankment to the 958.5m elevation, which is now complete for the entire Embankment.
- Approximately 6, of Zone S (Till) was placed along the Perimeter Embankment to the 958.0m elevation.

Main

- 13,000t of rock was placed as Zone U (CBL) along the Main Embankment to the 958.5m elevation, with 300m remaining to complete the Embankment.
- Approximately 6, of Zone S (Till) was placed along the Main Embankment, completing construction to the 957.3m elevation for the entire Embankment.

South

- Approximately 6, of Zone S (Till) was placed along the South Embankment, completing construction to the 957.3m elevation for the entire Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating was on-site placing Zone F (Filter) and Zone S (Till) as outlined above.

Vili Giorev was on site from Knight Piésold supervising TSF construction.



TSF WEEKLY REPORT

WEDNESDAY JULY 21ST - TUESDAY JULY 27TH, 2010

Dam

Perimeter

- Zone S (Till) was placed along the Perimeter Embankment, completing Phase IV (final Phase) construction to the 958.0m elevation for the entire Embankment.

Main

- Zone S (Till) was placed along the Main Embankment, completing Phase IV (final Phase) construction to the 958.0m elevation for the entire Embankment.

South

- Approximately 36,000t of Zone U (CBL) was placed along the South Embankment, completing a berm along the entire embankment against which Zone S (Till) will be placed.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating was on-site placing Zone S (Till) as outlined above.

Vili Giorev was on site from Knight Piésold supervising TSF construction.

A representative from GVRD was on site discussing Biosolids use and safety.



TSF WEEKLY REPORT
WEDNESDAY JULY 28TH - TUESDAY AUGUST 3RD, 2010

Dam

Perimeter

- No work was done along the Perimeter, the Perimeter Embankment is complete for Zone S (Till) construction for 2010, and requires only Zone F (Filter), Zone T (Transition) and Zone C (Rock) placement to the 958.0m elevation.

Main

- No work was done along the Main, the Main Embankment is complete for Zone S (Till) construction for 2010, and requires only Zone F (Filter), Zone T (Transition) and Zone C (Rock) placement to the 958.0m elevation.

South

- Zone S (Till) placement was completed to the 958.0m elevation for approximately 300m of the South Embankment, and to the 957.7m elevation for a further 300m.
- Approximately 36,500t of Zone U (CBL) was placed along the South Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating was on-site placing Zone S (Till) as outlined above.

Vili Giorev was on site from Knight Piésold supervising TSF construction.

Work was done on excavating a location for the barge move.



TSF WEEKLY REPORT
WEDNESDAY AUGUST 4TH - TUESDAY AUGUST 10TH, 2010

Dam

Perimeter

- The first of two lifts of Zone F (Filter) was placed and packed to the 958.0m elevation for the entire Embankment, and the second lift was placed, but remains unpacked for approximately half of the Perimeter Embankment.

Main

- The first of two lifts of Zone F (Filter) was placed and packed to the 958.0m elevation for the entire Embankment, and the second lift was placed, but remains unpacked for the entire Main Embankment.

South

- The first of two lifts of Zone F (Filter) was placed to the 958.0m elevation for the entire Embankment, 50% of which remains unpacked. 50% of the second lift was also placed, but remains unpacked.
- Approximately 18,300t of Zone U (CBL) was placed along the South Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating was on-site placing Zone F (Filter) as outlined above.

Vili Giorev was on site from Knight Piésold supervising TSF construction.



TSF WEEKLY REPORT

WEDNESDAY AUGUST 11TH - TUESDAY AUGUST 17TH, 2010

Dam

Perimeter

- Zone F (Filter) placement was completed for the entire Perimeter Embankment to the 958.0m elevation, leaving only Zone T (Transition) and Zone C (Rock) placement to complete 2010 TSF construction.

Main

- Zone F (Filter) placement was completed for the entire Main Embankment to the 958.0m elevation, leaving only Zone T (Transition) and Zone C (Rock) placement to complete 2010 TSF construction.

South

- Zone F (Filter) placement was completed for the entire South Embankment to the 958.0m elevation, leaving only Zone T (Transition) and Zone C (Rock) placement to complete 2010 TSF construction.
- Approximately 14,900t of Zone U (CBL) was placed along the South Embankment [figures up to the due to lack of data]

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Lake Excavating was on-site placing Zone F (Filter) as outlined above, and has now fulfilled their contractual obligations for the year and are off-site.

Vili Giorev was on site from Knight Piésold supervising TSF construction.



TSF WEEKLY REPORT
WEDNESDAY AUGUST 18TH - TUESDAY AUGUST 24TH, 2010

Dam

Perimeter

- No work was done along the Perimeter Embankment.

Main

- No Work was done along the Main Embankment.

South

- 15,400t of Zone T (Transition) material was stockpiled for future use along the South Embankment.
- 7,500t of Zone U (CBL) was placed along the South Embankment, completing required Zone U Construction for 2010.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

None.



TSF WEEKLY REPORT
WEDNESDAY AUGUST 25TH - TUESDAY AUGUST 31ST, 2010

Dam

Perimeter

- 1,000t of Zone T (Transition) material was stockpiled for future use along the Perimeter Embankment.

Main

- 3,000t of Zone T (Transition) material was stockpiled for future use along the Main Embankment.

South

- 2,500t of Zone T (Transition) was placed to the 958.0m elevation along the South Embankment.
- 6,700t of Zone C (Rock) was stockpiled along the South Embankment for future use in dam construction.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Work was done on the Biosolids dump.

Representatives from GVRD and Sylvis were on-site discussing Biosolids applications in remediation.

Areas of the Long Ditch were mucked out to improve flow.



TSF WEEKLY REPORT
WEDNESDAY SEPTEMBER 22ND - TUESDAY SEPTEMBER 28TH, 2010

Dam

Perimeter

- None.

Main

- None.

South

- 10,500t of Zone T (Transition) and Zone C (Rock) material was placed to the 958.0m elevation along the South Embankment.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

None.



TSF WEEKLY REPORT
WEDNESDAY OCTOBER 13TH - TUESDAY OCTOBER 19TH, 2010

Dam

Perimeter

- 17,000t of material was placed as Zone U (CBL) and Zone T (Transition) to the 958.0m elevation along the Perimeter Embankment.

Main

- None.

South

- None.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

None.



TSF WEEKLY REPORT
WEDNESDAY NOVEMBER 3RD - TUESDAY NOVEMBER 9TH, 2010

Dam

Perimeter

- None.

Main

- None.

South

- 20,000t of material was placed as Zone C (Rock) along the South Embankment to the 958.0m elevation.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

Representatives from Sylvis were on site working on soil sampling and reclamation planning.



TSF WEEKLY REPORT
WEDNESDAY DECEMBER 1ST – DECEMBER 7TH, 2010

Dam

Perimeter

- None.

Main

- None.

South

- 13,750t of material was placed as Zone C (Rock) along the South Embankment to the 958.0m elevation.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge.

Project Work

None.



TSF WEEKLY REPORT
WEDNESDAY DECEMBER 8TH – DECEMBER 14TH, 2010

Dam

Perimeter

- Snow was cleared off the Zone F (Filter) material in preparation for Zone T (Transition) placement.

Main

- 43,500t of material was placed as Zone C (Rock) along the Main Embankment, completing 2010 build of all Zones along the embankment to the 958.0m elevation.

South

- South Embankment construction has been completed for 2010, with all Zones having been built to the 958.0m elevation.

Sand Cells

No Sand Cell construction took place.

ABR

The ABR continues to discharge. A new water heating system has been conceptualized for installation in the ABR water intake line.

Project Work

Ditch work was completed along the South Embankment toe drain in response to high flows.