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2
3 **Heart's Content Seal Cove Pond Improvements. Please provide a copy of any dam**
4 **safety inspection reports in respect of this structure since 2006.**

5
6 A. The dam and spillway structures on Heart's Content Seal Cove Pond are inspected on a
7 bi-yearly basis. The 2006 and 2008 Dam Safety Inspection Reports are provided in
8 Attachments A and B respectively.

2006 Dam Safety Inspection Report
Heart's Content Development

2006 Dam Safety Inspection Report

Hearts Content Development

TIMBER-CRIB DAM

Structure :	<u>Seal Cove Pond Dam</u>	Date/Time :	<u>Jan 10, 2007</u>
Inspected by :	<u>G. Murray, B. Titford, G. Squires</u>	Water Level :	<u></u>
Weather :	<u>Overcast, 2°C</u>	Releases :	<u></u>

Structure (*Timber structural members, Timber planking, Crib content*)

Rock fill cover in good condition. Unable to inspect timber structure.

Upstream Face (*Alignment, Seepage on d/s face, Downstream toe settlement*)

Fair to good condition. Some misalignment (as previously reported).

Crest (*Surface cracking, Settlement*)

Good

Abutments (*Condition, Seepage around dam – location/amount*)

Good

Outlet Works (*Approach & Discharge channels, Structure/Abutments, Leakage, Operation of Gate/Lift*)

N/A.

Remarks

Rock fill placed over D/S timber crib section during 2006.



TIMBER CRIB OVERFLOW SPILLWAY

Structure : Seal Cove Pond Spillway Date/Time : Jan 10, 2007
Inspected by : G. Murray, B. Titford, G. Squires Water Level : _____
Weather : Overcast, 2°C Releases : _____

Control Structures (*Crest, Orifices*)

Good condition

Gates and Controls (*Type of Gate, General condition, Operation of gates at time of inspection*)

N/A

Approach Channel (*Debris, Slides over channel, Channel side slope stability, Slope protection*)

No obstructions evident.

Walkway (*Condition of Piers, Condition of decking and beams, Condition of rails*)

N/A

Stilling Bain (*Debris in basin, Walls movement, Walls settlement*)

N/A

Outlet Channel (*Slope Protection, Stability of Slopes, Vegetation and other obstructions*)

No obstructions

Flashboards (*Condition, Operation*)

N/A

Remarks

Timber crib apron and abutment removed and replaced with rock fill structure since last report.



2008 Dam Safety Inspection Report
Heart's Content Development

2008 Dam Safety Inspection Report

Hearts Content Development

TIMBER-CRIB DAM

Structure :	Seal Cove Pond Dam	Date/Time :	October 22, 2008
Inspected by :	G. Humby, B. Titford, G. Squires	Water Level :	7.0 ft FSL
Weather :	Overcast, 4°C	Releases :	

Structure (*Timber structural members, Timber planking, Crib content*)

Rockfill cover in good condition. Unable to inspect timber structure under rockfill

Upstream Face (*Alignment, Seepage on d/s face, Downstream toe settlement*)

Upstream face is deteriorating at and below water line and at attachment to timber crib. Also some misalignment along upstream face.

Crest (*Surface cracking, Settlement*)

Rockfill cover good.

Abutments (*Condition, Seepage around dam – location/amount*)

Good,

Outlet Works (*Approach & Discharge channels, Structure/Abutments, Leakage, Operation of Gate/Lift*)

N/A.

Remarks

Rock fill placed over D/S timber crib section during 2006 to stabilize structure. Deterioration of timbers under rockfill is likely to continue. Leakage noted along the downstream toe is also expected to increase due to the deteriorated condition of the upstream face



ROCKFILL OVERFLOW SPILLWAY

Structure : Seal Cove Pond Spillway Date/Time : October 22, 2008
Inspected by : G. Humby, B. Titford, G. Squires Water Level : _____
Weather : Overcast, 4°C Releases : _____

Control Structures (*Crest, Orifices*)

Good condition

Gates and Controls (*Type of Gate, General condition, Operation of gates at time of inspection*)

N/A

Approach Channel (*Debris, Slides over channel, Channel side slope stability, Slope protection*)

Clear.

Walkway (*Condition of Piers, Condition of decking and beams, Condition of rails*)

N/A

Stilling Bain (*Debris in basin, Walls movement, Walls settlement*)

N/A

Outlet Channel (*Slope Protection, Stability of Slopes, Vegetation and other obstructions*)

Clear

Flashboards (*Condition, Operation*)

N/A

Remarks

Spillway crest appears low near right abutment.

Minor debris at crest near left abutment.

