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Heart's Content Seal Cove Pond Improvements. Does NP have any recent photos of the existing rock filled timber crib dam referred to at p. 1 of the report at Tab 1.1?

- A. Attachment A is 7 photographs of the rock filled timber crib dam at Heart's Content Seal Cove Pond.

Figures 1, 2 and 3 are photographs taken in August 2010. Figures 2 and Figure 3 show the separation of the dam face from the timber structure caused by the deteriorated condition of the underlying timber crib structure. This deterioration threatens the continued stability of the structure.

In 2006, Heart's Content Seal Cove Pond Dam had rock fill added downstream of the timber crib dam structure. This remedial work was done to stabilize the structure. It also extended the life of the dam.

Figures 4, 5 and 6 are photographs taken in September 2006 showing the deterioration of the timber crib dam structure prior to being covered by rock fill in that year. Figure 7 shows an excavator covering the timber crib dam structure with rockfill downstream of the dam. The rockfill used to provide stability to the dam in 2006 will remain following the work in 2011.

**Photographs of the
Rock Filled Timber Crib Dam
Heart's Content Seal Cove Pond**



Figure 1

2010 picture showing the rock fill downstream of the dam, placed there in 2006 to increase the stability of the structure



Figure 2

2010 picture showing face board pulling away from timber cribbing at the waterline



Figure 3
2010 picture showing face board separated from timber cribbing



Figure 4
Cribbing prior to 2006 rehabilitation showing extent of deterioration of wood structure



Figure 5
Where dam face meets cribbing (Photo taken prior to 2006 rehabilitation)



Figure 6
Extensive wood rot evident on timbers (Photo taken prior to 2006 rehabilitation)



Figure 7

Seal Cove Pond Spillway 2006 rehabilitation, rock fill being placed downstream of dam