





# North Dam Weekly Walkover Survey Report

Date:	Aug 25/14
Inspected By:	Sarah Warnock, Anneli Jokela
Conditions:	(ie. snow on ground, clear) Overcast, Rain in a.m.

## Visual Inspection:

This weekly walkover survey report is a means to track the condition on the North Dam, please provide details on changes that have developed since the previous inspection and/or any observations of particular concern. All photos are appreciated. Please send the completed form (scans are fine) and any photos to [hopebaymonitoring@ark.com](mailto:hopebaymonitoring@ark.com) and [mmiller@ark.com](mailto:mmiller@ark.com)

<b>Upstream Side of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, etc.)	① Yes	No
<b>Downstream Side of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	③ Yes	No
<b>Crest of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	No
<b>Thermosyphons North Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	No
<b>Thermosyphons South Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	No ②
<b>Instrumentation (on crest and downstream side)</b>		
Any visible concerns? (bent, rusted, cracked, etc.)	Yes	No
<b>Thermistors and Dataloggers</b>		
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)	Yes	No
<p>If you answered yes to any of the questions above please provide details and photos. Observations can be sketched on the figure provided on the next page. If seepage has been noted please estimate the flow.</p> <p>① Depressions noted in previous inspections - no change to depressions          ② Rust noted in previous inspection          ③ New depression noted D6 - located north of D2 - approx 1.5 x 1.5m - some slumping of material          Remarked D2 - paint faded          D7 - area marked to monitor potential change over time - area of interest          D8 - marked area of interest - some signs of erosion</p>		











# North Dam Weekly Walkover Survey Report

Date:	AUG 31/2014
Inspected By:	SARAH WARNOCK
Conditions:	(ie. snow on ground, clear) clear, sunny, no rain in last few days

## Visual Inspection:

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<b>Upstream Side of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, etc.)	① Yes	No
<b>Downstream Side of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	② Yes	No
<b>Crest of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	No
<b>Thermosyphons North Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	No
<b>Thermosyphons South Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	No
<b>Instrumentation (on crest and downstream side)</b>		
Any visible concerns? (bent, rusted, cracked, etc.)	Yes	No
<b>Thermistors and Dataloggers</b>		
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)	Yes	No

If you answered yes to any of the questions above please provide details and photos. Observations can be sketched on the figure provided on the next page. If seepage has been noted please estimate the flow.

- ① Previously marked depressions U1, U2, U3 → no change
- ② No change to previously noted rust
- ③ Some signs of erosion at toe of dam  
D1 expanding towards south, remarked orange paint







# North Dam Weekly Walkover Survey Report

Date:	September 6, 2014
Inspected By:	Claire Brown
Conditions:	(ie. snow on ground, clear) Light rain and cool (~5°C). Intermittent snow and rain in previous 3 days.

## Visual Inspection:

This weekly walkover survey report is a means to track the condition on the North Dam, please provide details on changes that have developed since the previous inspection and/or any observations of particular concern. All photos are appreciated. Please send the completed form (scans are fine) and any photos to [hopebaymonitoring@srk.com](mailto:hopebaymonitoring@srk.com) and [mmiller@srk.com](mailto:mmiller@srk.com)

<b>Upstream Side of Dam</b> (1)		
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	No
<b>Downstream Side of Dam</b> (2)		
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	Yes	No
<b>Crest of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	No
<b>Thermosyphons North Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	No
<b>Thermosyphons South Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	No
<b>Instrumentation (on crest and downstream side)</b>		
Any visible concerns? (bent, rusted, cracked, etc.)	Yes	No
<b>Thermistors and Dataloggers</b>		
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)	Yes	No

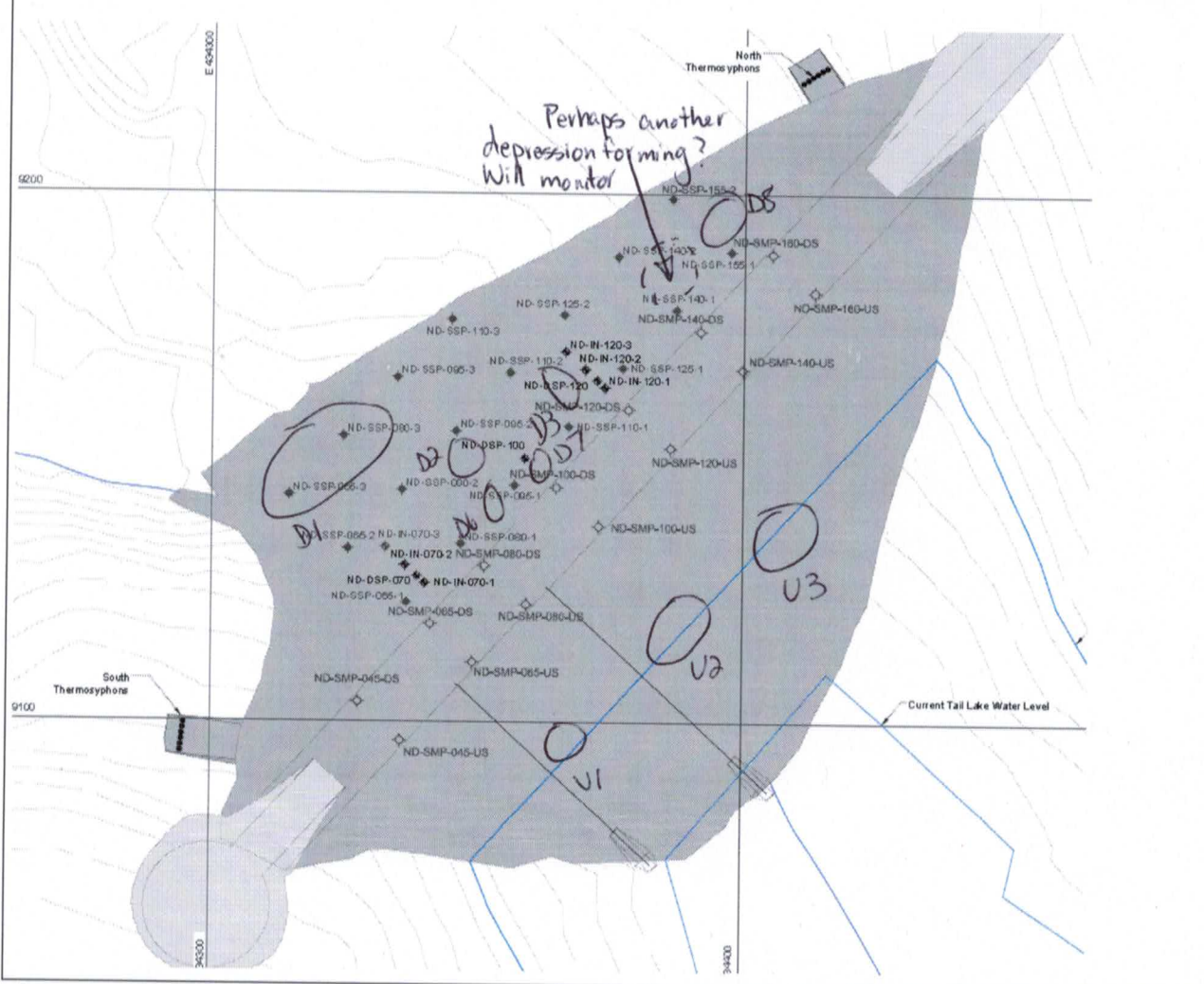
If you answered yes to any of the questions above please provide details and photos. Observations can be sketched on the figure provided on the next page. If seepage has been noted please estimate the flow.

- ① Three depressions marked in previous inspections, though no change is noted. No cracks, or erosion observed.
- ② Additional depressions marked (perhaps by SW). D2 and D6 show incremental sloughing (minimal). No notable cracks or erosion. Flowing water at toe ⇒ slightly more than previous weeks (recent rain/snow). Another possible depression near D8, to be monitored



Please provide any other observations you have made or items that did not fit in the space above

- Locations of depressions are approximation
- Didn't see D4 or D5



**Photos:**

Please collect the following photos:

- Photo from north end looking south along the dam
- Photo from south end looking north along the dam



Other photos, please describe

Depressions as observed