



## North Dam Weekly Walkover Survey Report

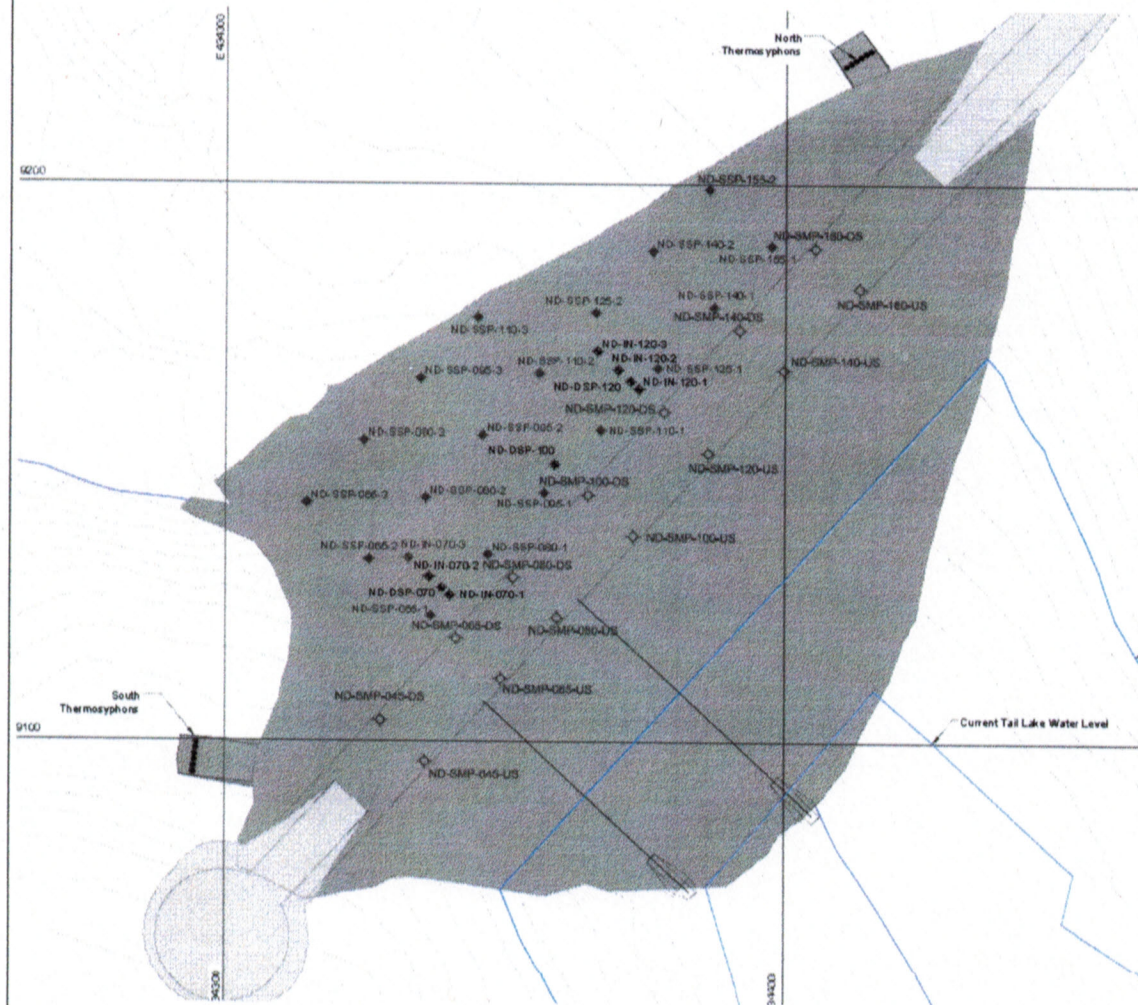
Date:	July 12/14
Inspected By:	SARAH WARNOCK
Conditions:	(ie. snow on ground, clear) clear, sunny, 10°C

### 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>		
Any visible concerns? (cracks, depressions, erosion, etc.)	<input checked="" type="radio"/> Yes	<input type="radio"/> No
<b>Downstream Side of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	<input checked="" type="radio"/> Yes	<input type="radio"/> No
<b>Crest of Dam</b>		
Any visible concerns? (cracks, depressions, erosion, etc.)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
<b>Thermosyphons North Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
<b>Thermosyphons South Side</b>		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
<b>Instrumentation (on crest and downstream side)</b>		
Any visible concerns? (bent, rusted, cracked, etc.)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
<b>Thermistors and Dataloggers</b>		
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)	<input type="radio"/> Yes	<input checked="" type="radio"/> 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.		
Check for suspended sediment @ T1A: None, water clear		
Depressions on upstream side of dam - noted in previous inspections.		
Animal burrow on Downstream Side of Dam		
Depressions on Downstream side of dam noted in previous inspection - marked - do not appear to have grown in size		

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



### 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







## North Dam Weekly Walkover Survey Report

Date:	July 27, 2014 ~ 2:30pm
Inspected By:	Jill Turk and Claire Brown
Conditions:	(ie. snow on ground, clear) Overcast, but no rain in the last 4 days. No snow or ice.

### Visual Inspection:

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#### Upstream Side of Dam

Any visible concerns? (cracks, depressions, erosion, etc.)

☒ Yes

☐ No

#### Downstream Side of Dam

Any visible concerns? (cracks, depressions, erosion, seepage, etc.)

☒ Yes

☐ No

#### Crest of Dam

Any visible concerns? (cracks, depressions, erosion, etc.)

☐ Yes

☒ No

#### Thermosyphons North Side

Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)

☐ Yes

☒ No

#### Thermosyphons South Side

Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)

☐ Yes

☒ No

#### Instrumentation (on crest and downstream side)

Any visible concerns? (bent, rusted, cracked, etc.)

See note below. ③

☒ Yes

☐ No

#### Thermistors and Dataloggers

Any visible concerns? (frayed or cut cables, damaged boxes, etc.)

③ See note below

☒ 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.

Check for suspended sediment @ TIA: None observed.

- Lowell Wade at site in previous week. Spray painted new boundaries of depressions: U1, U2, U3, D1, D2, D3

① Appear consistent w demarkations (U1, U2, U3). No cracking or erosion

② D1, D2, D3 appear consistent. D3, D2 inhabited by unknown animal. Possible seepage at toe?

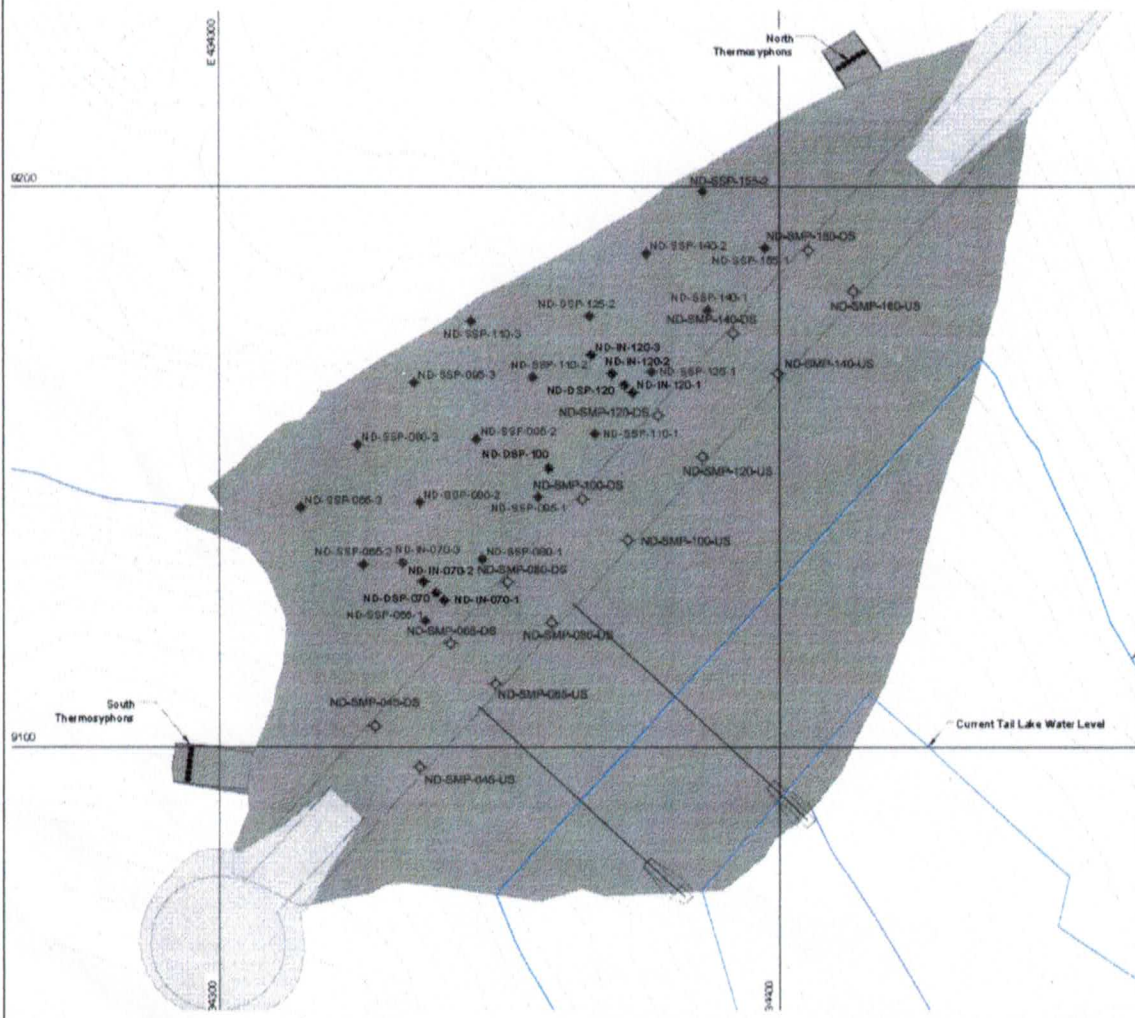
③ Pulled Card B while electrician making repairs to string 21 with new connection. ~ 7:30-8:00pm. July 27. Card reinstalled.  
⇒ Data logging in evening.

July 28 Card returned @ 11:20am July 28/14 to check data - replaced immediately.



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

→ Consistent w demarkations made by Lowell Wade in the previous week.



### 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









## North Dam Weekly Walkover Survey Report

Date:	AUGUST 02, 2014
Inspected By:	CLAIRE BROWN
Conditions:	(ie. snow on ground, clear) Clear. Heavy rain 2 days prior.

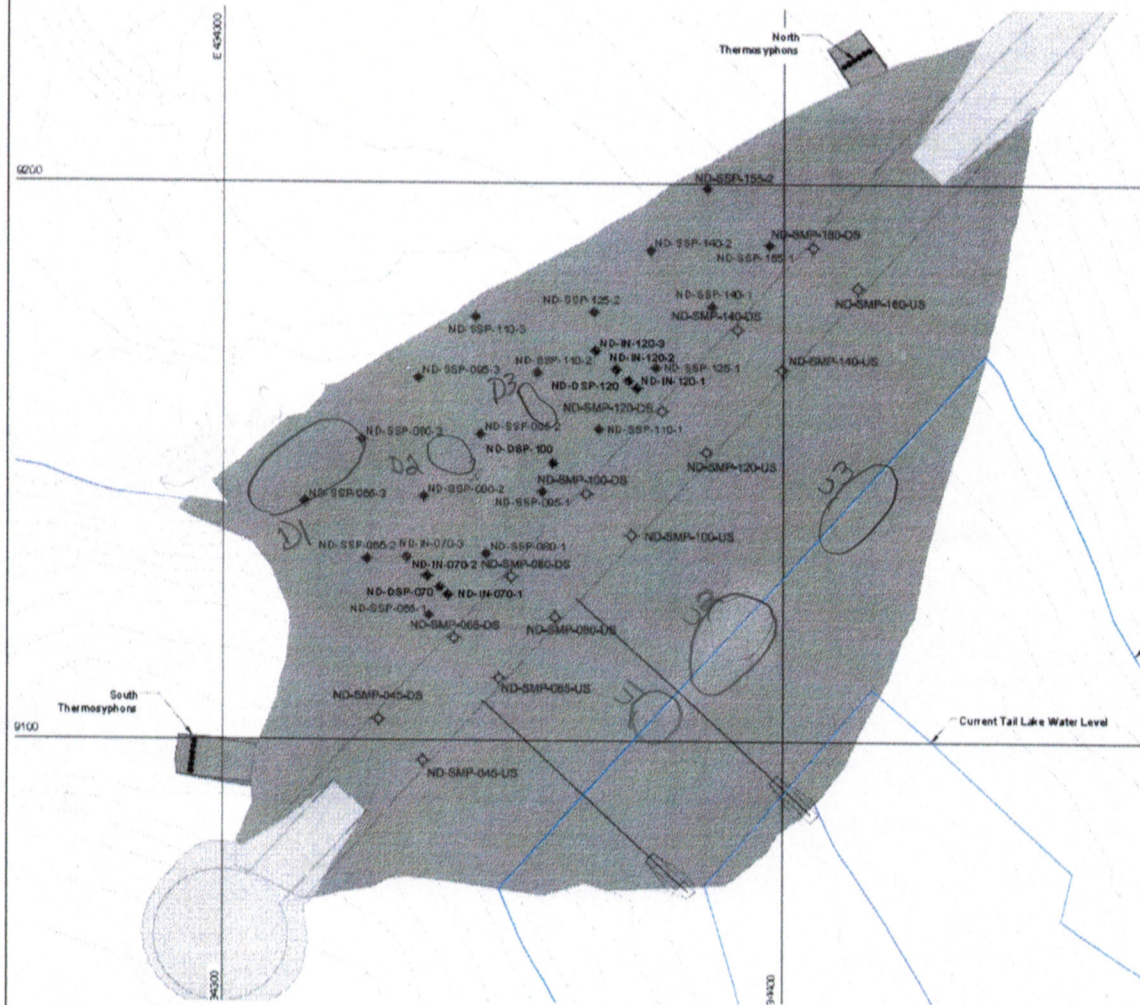
### Visual Inspection:

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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.			
Check for suspended sediment @ T1A: No.			
① Depressions appear consistent w previous inspections (U1, U2, U3). No cracks or seepages observed.			
② Depressions appear consistent w previous inspections (D1, D2, D3). No cracks or erosion observed, but small volume of water at toe			



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



**Photos:**

Please collect the following photos:

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

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Other photos, please describe