



Figure 1 North Dam looking south, March 27, 2015



Figure 2 North Dam looking north, March 27, 2015

North Dam Weekly Walkover Survey Report

Date:	April 4/2015
Inspected By:	SARAH WARNOCK
Conditions:	(ie: snow on ground, clear) snow on ground, high winds

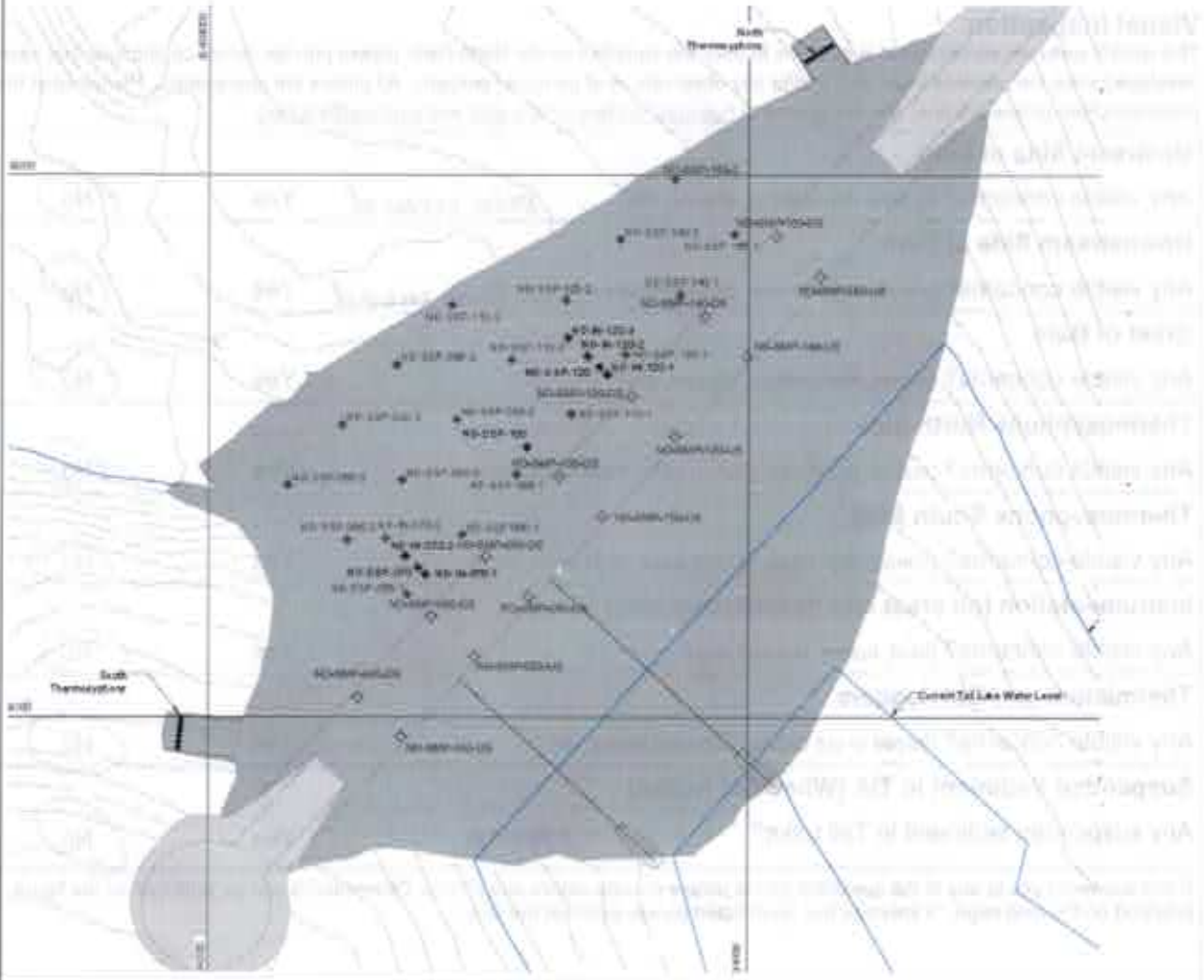
Visual Inspection:

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 and pluedke@srk.com

Upstream Side of Dam			
Any visible concerns? (cracks, depressions, erosion, etc.)	SNOW COVERED	Yes	<input checked="" type="radio"/> No
Downstream Side of Dam			
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	SNOW COVERED	Yes	<input checked="" type="radio"/> No
Crest of Dam			
Any visible concerns? (cracks, depressions, erosion, etc.)		Yes	<input checked="" type="radio"/> No
Thermosyphons North Side			
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)		Yes	<input checked="" type="radio"/> No
Thermosyphons South Side			
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)		Yes	<input checked="" type="radio"/> No
Instrumentation (on crest and downstream side)			
Any visible concerns? (bent, rusted, cracked, etc.)		Yes	<input checked="" type="radio"/> No
Thermistors and Dataloggers			
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)		Yes	<input checked="" type="radio"/> No
Suspended Sediment in TIA (When not frozen)			
Any suspended sediment in Tail Lake?	Frozen	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.

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

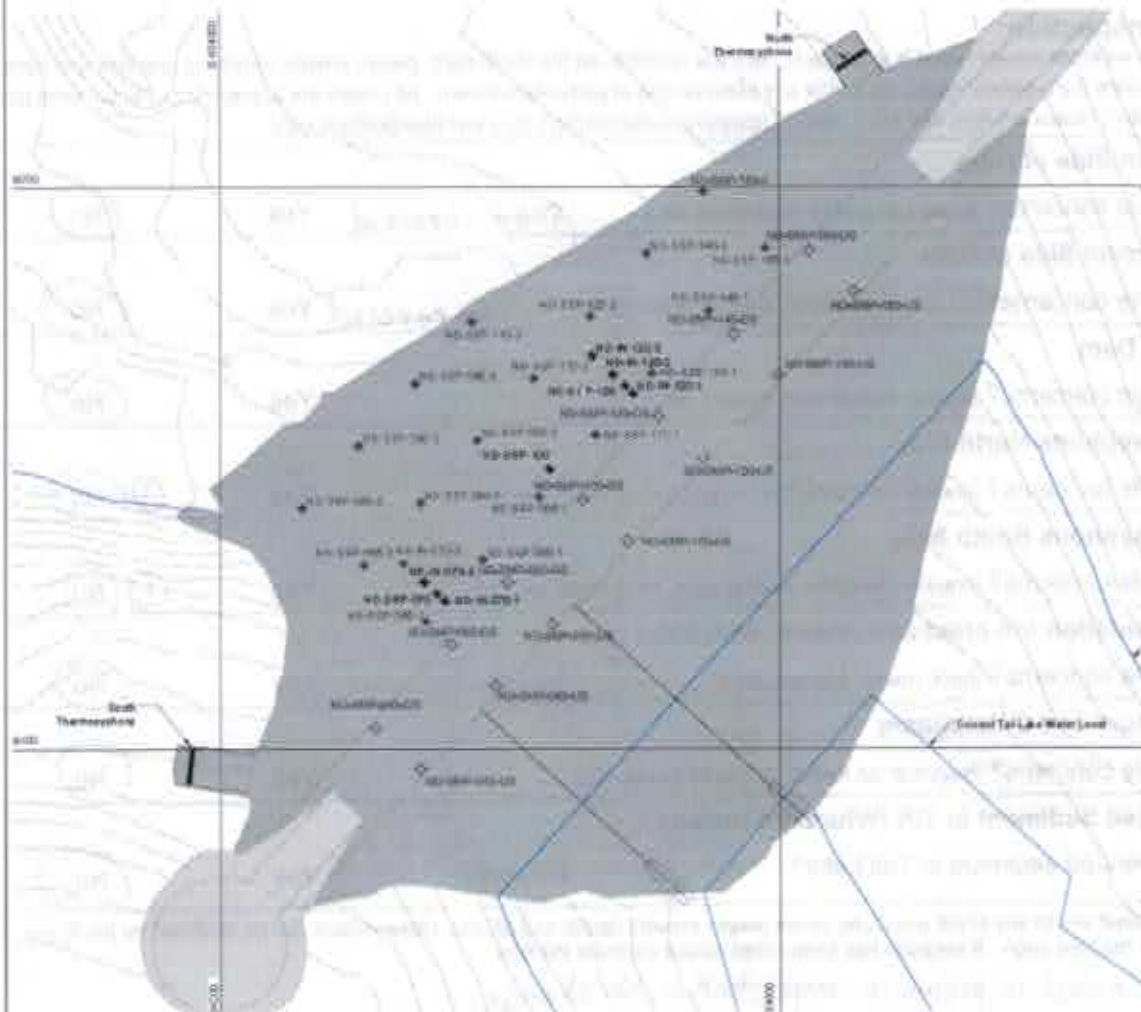
Date:	APRIL 11/2015
Inspected By:	SARAH WARNOCK
Conditions:	(ie. snow on ground, clear) snow on ground, light wind

Visual Inspection:

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Upstream Side of Dam			
Any visible concerns? (cracks, depressions, erosion, etc.)	snow covered	Yes	<input checked="" type="radio"/> No
Downstream Side of Dam			
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	snow covered	Yes	<input checked="" type="radio"/> No
Crest of Dam			
Any visible concerns? (cracks, depressions, erosion, etc.)		Yes	<input checked="" type="radio"/> No
Thermosyphons North Side			
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)		Yes	<input checked="" type="radio"/> No
Thermosyphons South Side			
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)		Yes	<input checked="" type="radio"/> No
Instrumentation (on crest and downstream side)			
Any visible concerns? (bent, rusted, cracked, etc.)		Yes	<input checked="" type="radio"/> No
Thermistors and Dataloggers			
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)		Yes	<input checked="" type="radio"/> No
Suspended Sediment in TIA (When not frozen)			
Any suspended sediment in Tail Lake?	Frozen	Yes	<input checked="" type="radio"/> 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 Rust noted in previous inspections. No change</p>			

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:	April 26, 2015
Inspected By:	Claire Brown
Conditions:	(ie. snow on ground, clear) Snow covered, ~ -10 to -20°C

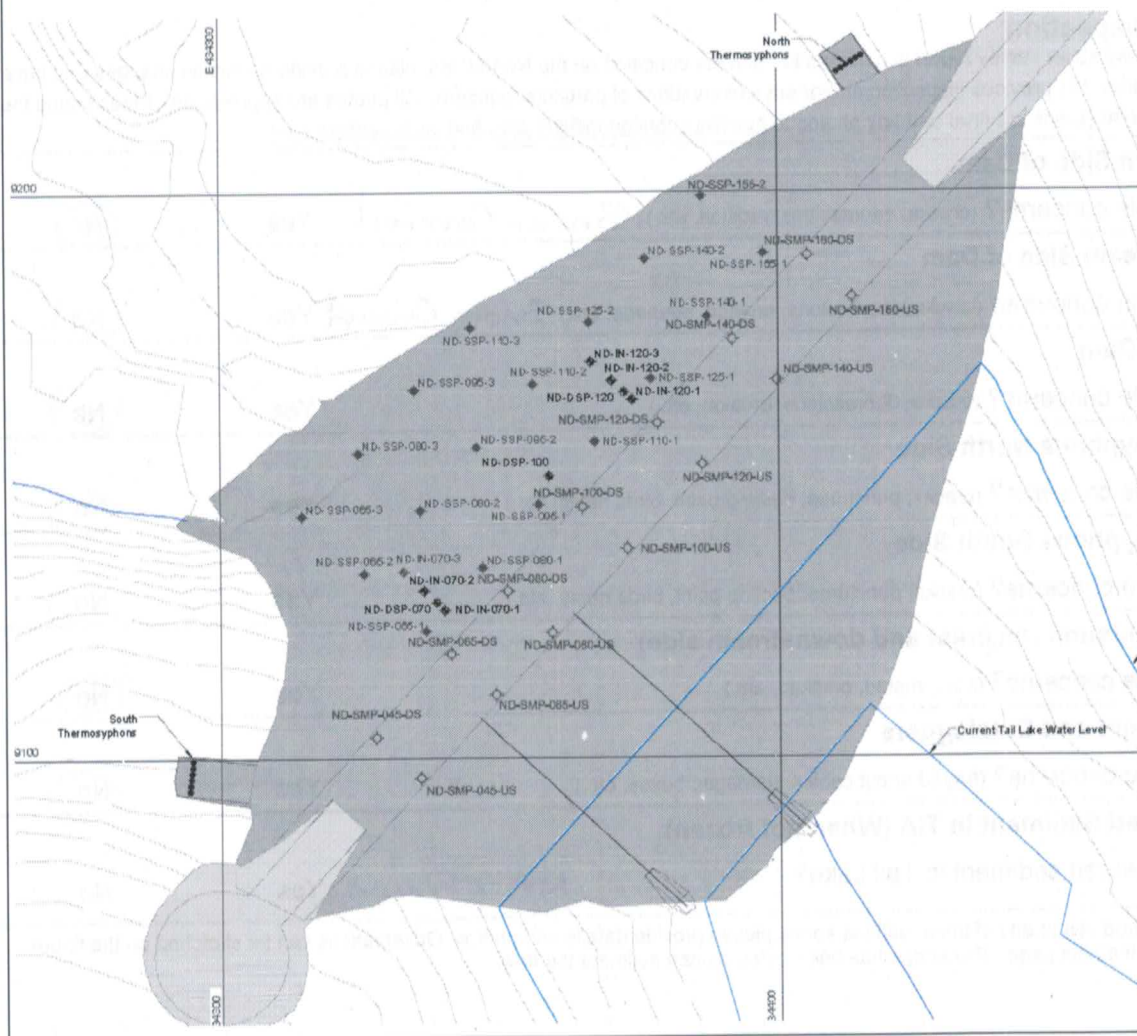
Visual Inspection:

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 and pluedke@srk.com

Upstream Side of Dam		
Any visible concerns? (cracks, depressions, erosion, etc.)	Snow Covered	Yes <input checked="" type="radio"/> No
Downstream Side of Dam		
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	Snow Covered	Yes <input checked="" type="radio"/> No
Crest of Dam		
Any visible concerns? (cracks, depressions, erosion, etc.)		Yes <input type="radio"/> No <input checked="" type="radio"/>
Thermosyphons North Side		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)		Yes <input type="radio"/> No <input checked="" type="radio"/>
Thermosyphons South Side		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)		Yes <input type="radio"/> No <input checked="" type="radio"/>
Instrumentation (on crest and downstream side)		
Any visible concerns? (bent, rusted, cracked, etc.)		Yes <input type="radio"/> No <input checked="" type="radio"/>
Thermistors and Dataloggers		
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)		Yes <input type="radio"/> No <input checked="" type="radio"/>
Suspended Sediment in TIA (When not frozen)		
Any suspended sediment in Tail Lake?	NA → Frozen	Yes <input type="radio"/> No <input checked="" type="radio"/>

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.

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:	May 2 nd , 2015
Inspected By:	Claire Brown
Conditions:	(ie. snow on ground, clear) Snow covered (lots of drifts), high winds!

Visual Inspection:

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Upstream Side of Dam			
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	<u>No</u>	
Downstream Side of Dam			
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	Yes	<u>No</u>	
Crest of Dam			
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	<u>No</u>	
Thermosyphons North Side			
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	<u>No</u>	
Thermosyphons South Side			
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	<u>No</u>	
Instrumentation (on crest and downstream side)			
Any visible concerns? (bent, rusted, cracked, etc.)	Yes	<u>No</u>	
Thermistors and Dataloggers			
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)	Yes	<u>No</u>	
Suspended Sediment in TIA (When not frozen)			
Any suspended sediment in Tail Lake?	NA	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>- Tail Lake Frozen</p>			