





North Dam Weekly Walkover Survey Report

Date:	July 19, 2015
Inspected By:	Robert Maksagak
Conditions:	(ie. snow on ground, clear) clear

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.) 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.) Yes ☒ No

Thermistors and Dataloggers

Any visible concerns? (frayed or cut cables, damaged boxes, etc.) Yes ☒ No

Suspended Sediment in TIA (When not frozen)

Any suspended sediment in Tail Lake? Yes ☒ No

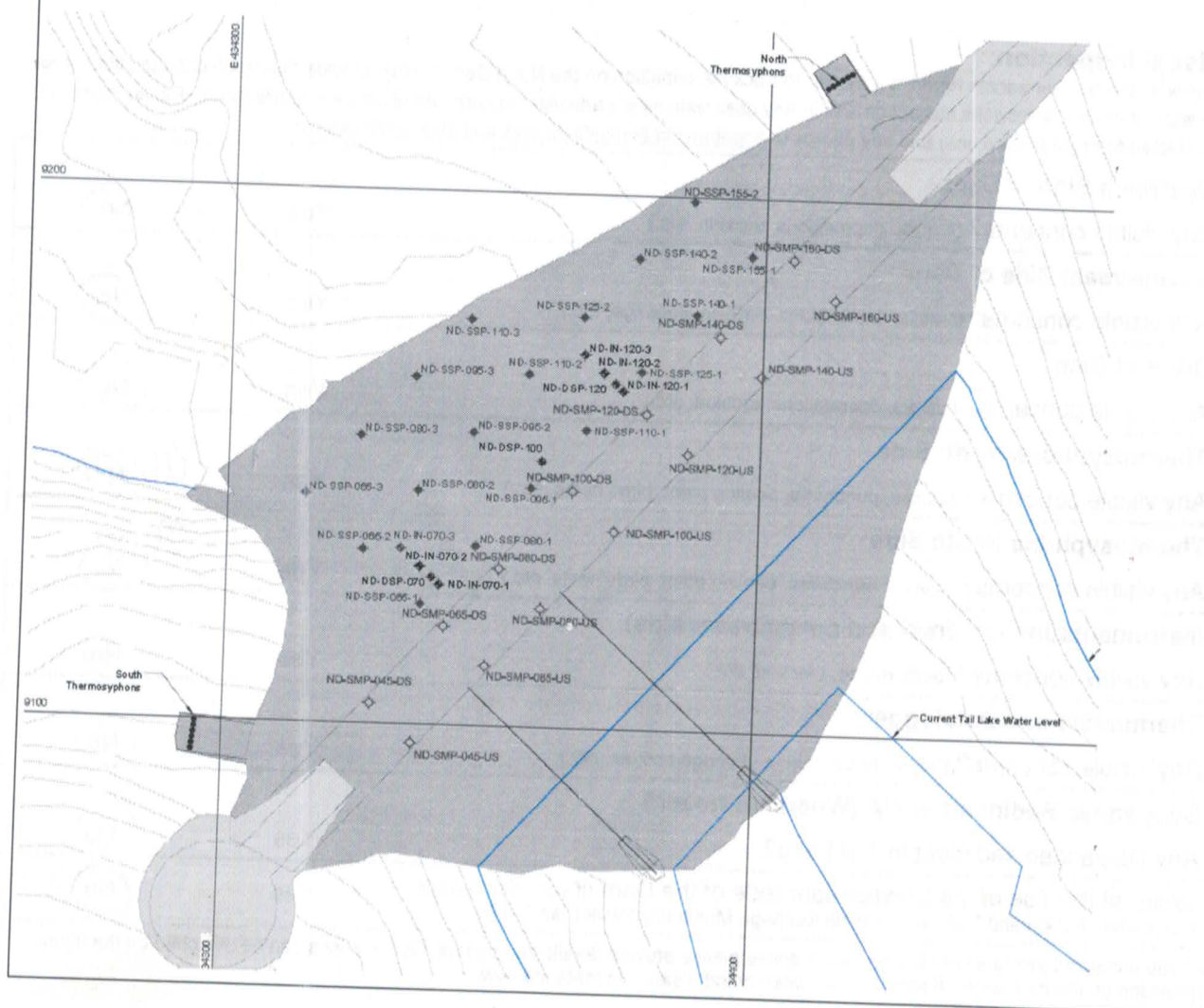
Water at the Toe of the Downstream Side of the Dam (If yes refer to Doris North – North Dam and Tail Lake Outflow Seepage Monitoring Work Plan 2015)

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 same rust as previous inspections.

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



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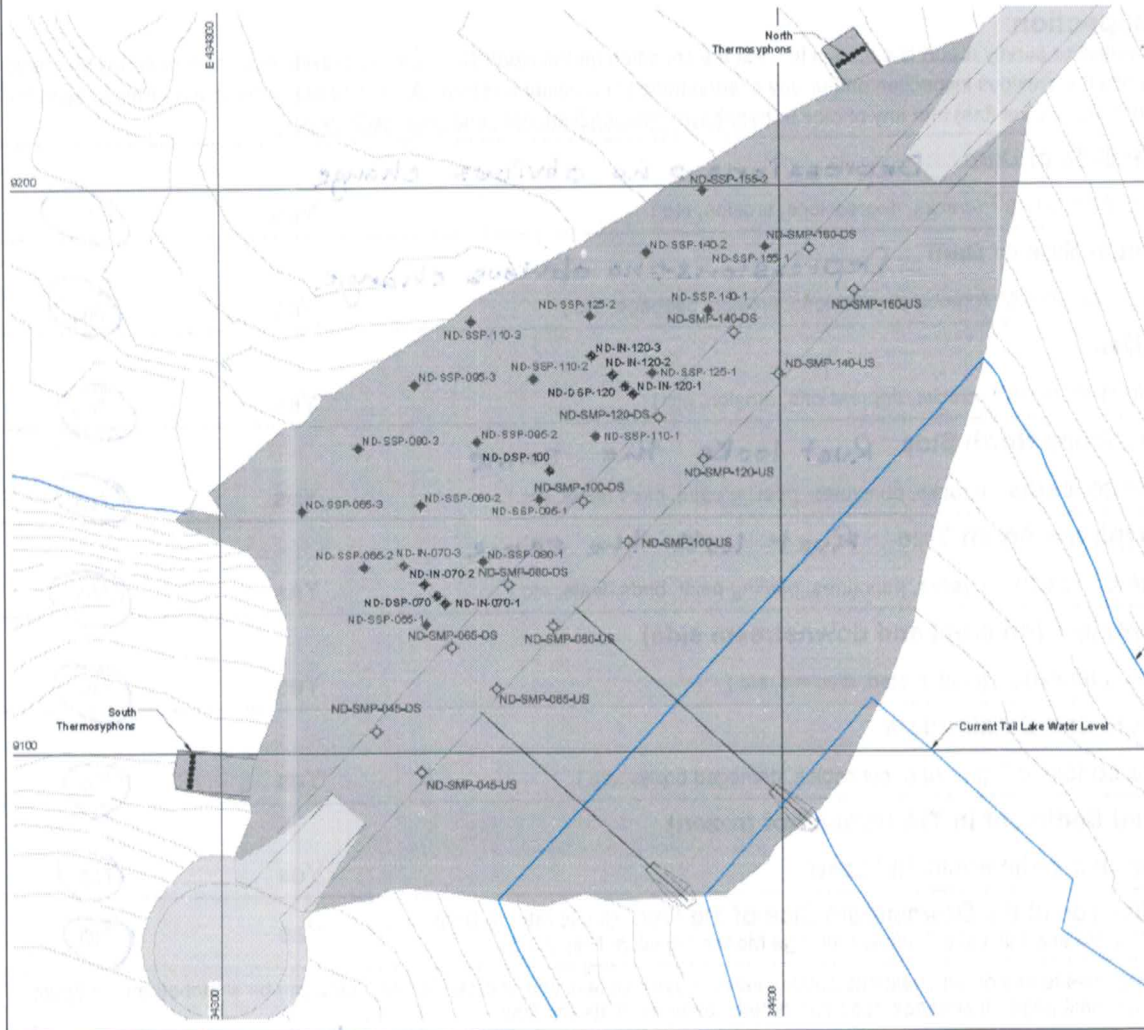
Date:	July 25, 2015
Inspected By:	Darcy Kanayok
Conditions:	(ie. snow on ground, clear) Clear

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 Depressions → no obvious change		
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	<input checked="" type="radio"/> No
Downstream Side of Dam Depressions → no obvious change		
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	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 Rust looks the same		
Any visible concerns? (cracks, punctures, peeling paint, birds nests, etc.)	Yes	<input checked="" type="radio"/> No
Thermosyphons South Side Rust look the same		
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?	Yes	<input checked="" type="radio"/> No
Water at the Toe of the Downstream Side of the Dam (If yes refer to Doris North – North Dam and Tail Lake Outflow Seepage Monitoring Work Plan 2015)		
	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.		
U6 - no change	D1 - no change	D10 - no change
U5 - no change	D2 - no change	D11 - no change
U4 - no change	D3 - no change	D12 - no change
U3 - no change	D4 - no change	D13 - no change
U2 - no change	D5 - no change	D14 - no change
U1 - no change	D6 - no change	D15 - no change
U7 - no change	D7 - no change	D16 - no change
U8 - no change	D8 - no change	D17 - no change
	D9 - no change	D18 - no change
		D19 - no change

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:	August 1, 2015
Inspected By:	Darcy Kanayok / Robert Akoluk
Conditions:	(ie. snow on ground, clear) Clear

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.)	Yes	No <input checked="" type="radio"/>
Downstream Side of Dam		
Any visible concerns? (cracks, depressions, erosion, seepage, etc.)	Yes	No <input checked="" type="radio"/>
Crest of Dam		
Any visible concerns? (cracks, depressions, erosion, etc.)	Yes	No <input checked="" type="radio"/>
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 <input checked="" type="radio"/>
Instrumentation (on crest and downstream side)		
Any visible concerns? (bent, rusted, cracked, etc.)	Yes	No <input checked="" type="radio"/>
Thermistors and Dataloggers		
Any visible concerns? (frayed or cut cables, damaged boxes, etc.)	① Yes <input checked="" type="radio"/> ②	No
Suspended Sediment in TIA (When not frozen)		
Any suspended sediment in Tail Lake?	Yes	No <input checked="" type="radio"/>
Water at the Toe of the Downstream Side of the Dam (If yes refer to Doris North – North Dam and Tail Lake Outflow Seepage Monitoring Work Plan 2015)		
Yes	Yes	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.		
<p>① Data logger Status LED light is on, the south data logger</p> <p>② north data logger Status LED light is on</p> <p>no changes in south thermosyphons, little rust but no changes</p> <p>no changes in downstream depressions</p> <p>no changes on south side thermosyphons, rust still looks the same</p> <p>there maybe a small hole starting near the toe of the upstream side measuring about 6" by 6" but will keep an eye on it.</p>		