

NUNAVUT WATER BOARD

AMENDMENT TO THE HAMLET OF RANKIN INLET TYPE "A"
WATER LICENCE

COMMUNITY SESSION

VOLUME 2

RANKIN INLET, NUNAVUT
RANKIN INLET COMMUNITY HALL
SEPTEMBER 25, 2014

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1 September 25, 2014

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3 NUNAVUT WATER BOARD

4 T. Kabloona Chair of Hearing

5 R. Mrazek Member

6 D. Aglukark Sr. Member

7

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10 C. Boyer Legal Counsel

11 D. Hohnstein Director of Technical Services

12 K. Kharatyan Technical Services Advisor

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19 APPLICANT

20 M. Lustey GN-CGS

21 J. Acorn Stantec

22

23 INTERVENERS

24 J. Dahl Department of Fisheries and

25 Oceans

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1 K. Costello Aboriginal Affairs Northern
2 Development Canada

3 I. Parsons Aboriginal Affairs Northern
4 Development Canada

5

6 J. Merritt SAO, Hamlet of Rankin Inlet

7

8 INTERPRETERS/TRANSLATORS

9 Mary Rose Angoshadluk Inuktitut

10

11 Christy Longacre, CSR(A) Official Court Reporter

12

13 R. Dempster Sound Technician

14

15 (PROCEEDINGS COMMENCED AT 7:14 PM)

16 THE CHAIR: Once again, welcome back. My
17 name is Thomas Kabloona, and I'm the Chair of the
18 Nunavut Water Board. Before we proceed with the
19 hearing, let us begin with a prayer. And I would like
20 to ask David Aglukark Sr. to do the opening prayer.

21 Opening Prayer

22 Opening Remarks by the Chair

23 THE CHAIR: Thank you.

24 On behalf of the Nunavut Water Board, I welcome
25 you to this community session in Rankin Inlet. This is
26 a continuation of proceedings that began earlier today.

1 This portion of the proceedings is to give members of
2 the community of Rankin Inlet further opportunity to
3 provide their comments to the Board regarding the
4 proposal to withdraw water from Char River and pump it
5 to Nipissar Lake.

6 I am the Chair of this panel. With me this
7 evening are members of the panel -- are Board members,
8 Ross Mrazek to my right, and to my left, David Aglukark
9 Sr.

10 Introductions of Nunavut Water Board and Staff

11 THE CHAIR: Several staff members who have
12 contributed to the NWB's administration and the
13 technical review of the application are present, along
14 with the NWB legal counsel. I will introduce the
15 individuals attending today: Damien Côté, executive
16 director; David Hohnstein, director of technical
17 services; Karén Kharatyan, technical advisor; Robin
18 Ikkutisluk, licencing administrator; Craig Boyer with
19 Shores Jardine LLP, legal counsel to the Board. In
20 addition, we have two interpreters available for
21 simultaneous translation, Ben Kogvik, secretary to the
22 Board; and local interpreter Mary Rose Angoshadluk. To
23 ensure an accurate record of the proceeding, we have
24 with us a court reporter, Christy Longacre. To assist
25 Christy, I ask that all parties please state their name
26 prior to speaking. Last but not least, we also have

1 Ryan Dempster from PIDO, our sound technician for this
2 community session.

3 In the past, parties in other proceedings have
4 approached the media prior to the release of the
5 Board's decision, suggesting comments about what the
6 Board was going to do, either procedurally or in terms
7 of a final result. Since the Board cannot comment on
8 pending matters, either by confirming or denying to the
9 media, the accuracy of the statement of others, the
10 Board would appreciate if all parties would refrain
11 from any such comments that may imply a written action
12 or decision by the Board. Board members will not
13 discuss the hearing or the matters before the Board
14 with the intervening parties or the media.

15 I will provide a brief history of application
16 before the Board. On June 9, 2010, the NWB issued a
17 Type "A" Municipal Licence to GN-CGS to authorize the
18 use of water and operation of water supply facilities,
19 Utilidor, and sewage treatment facility for the hamlet
20 of Rankin Inlet. The minister subsequently approved
21 the issuance of the licence on July 28, 2010.

22 The licence authorized the use of 850,000 cubic
23 metres of water annually for municipal purposes. Water
24 is drawn from Nipissar year round. Annual water usage
25 was reported by applicant as being 603,234 cubic metres
26 for 2013.

1 The Nipissar Lake natural replenishment is
2 reported to be about 311,789 cubic metres. The
3 shortfall of water at Nipissar Lake in 2013 would be
4 approximately 291,445 cubic metres.

5 On August 12, 2012, the Board received an
6 amendment application from Stantec on behalf of GN-CGS
7 to obtain the Board's authorization for additional
8 water to be withdrawn each summer from Char River,
9 exiting Lower Landing Lake, and to be pumped to
10 Nipissar Lake. Additional supporting information was
11 submitted to the Board by GN-CGS on October 6th, 2012,
12 and August 12, 2013. Copies of all these submissions
13 are available on the Board's FTP website. Also, Robin
14 Ikkutisluk, our licencing administrator, has made
15 available for public viewing of this hearing a hard
16 copy of the submission on this file that have been
17 received to date. If you are interested in reviewing
18 any of this documentation, please see Robin.

19 On October 11, 2013, Stantec provided additional
20 information on behalf of GN-CGS. On December 20, 2013,
21 the Board directed the NWB staff to hold a technical
22 meeting and prehearing conference in Rankin Inlet on
23 January 14 and 15, 2014.

24 On the morning of January 14, 2014, the Board held
25 an informal technical meeting in Rankin Inlet. During
26 the technical meeting, the NWB staff compiled a list of

1 commitments made by the various parties that were
2 carried forward to the discussions in the prehearing
3 conference held the next day. On the evening of
4 January 14, 2014, a community session was held at the
5 same venue.

6 On June 26, 2014, NIRB issued their screening
7 report stating the proposal may be processed without a
8 review under Part 5 or 6 and recommended
9 project-specific terms and conditions.

10 Based on the application, recent submissions
11 received, and the information exchanged at the
12 technical hearing -- technical meeting and prehearing
13 conference, the NWB staff identified the following as
14 issues to be addressed at the public hearing: Number
15 1, Char River flow daily monitoring during pumping and
16 annual reporting; 2, Lower Landing Lake, Char River,
17 and Nipissar water chemistry sampling 2014, potential
18 impacts in Nipissar Lake water quality, availability of
19 the study results; 3, adaptive management plan for
20 Nipissar Lake replenishment, including Char River
21 monitoring, mitigation when Char River flows
22 insufficient for pumping; 4, Nipissar Lake
23 replenishment, increase of lake's water level or full
24 replenishment; 5, long-term alternative source
25 assessment for Nipissar Lake replenishment; 6, erosion
26 management at the pipeline loading point.

1 The proceedings earlier today involved the hearing
2 from the representatives from GN-CGS, AANDC, DFO, the
3 hamlet of Rankin Inlet, and members of the public.

4 This community session is a further opportunity to hear
5 from the members of the community who were not able to
6 attend the public hearing earlier today. The community
7 session will begin with a presentation by the Board's
8 technical staff.

9 Presentation by Nunavut Water Board Staff

10 MR. KHARATYAN: Thank you, Mr. Chairman.

11 The presentation or some parts of presentation
12 would be very briefly (sic) because the Board Chairman
13 presented already the -- the summary of project. Why
14 we are here? We are here because of hamlet of Rankin
15 Inlet Water Licence amendment application to discuss
16 amendment application and -- or have a public hearing
17 related to this amendment application.

18 So what is the mandate of Water Board? Water
19 Board is an -- is an institution of public government
20 established pursuant to Article 13 of Nunavut Land
21 Claims Agreement and has the responsibility and power
22 over water use or freshwater use and management in the
23 territory.

24 So the main objective is to provide a means for
25 the conservation and usage of waters in Nunavut, except
26 in a national park, to a manner that will provide

1 optimum benefit for Nunavut resident and Canadians in
2 general.

3 Some key points of Rankin Inlet water licence, the
4 licence was issued in June 9, 2010. Licence will be
5 expiring in May 31st, 2015. Water use allowed:
6 850,000 cubic metres annually. And the water use
7 source is Nipissar Lake. So under this licence, the
8 licence is allowed to operate water supply facilities
9 which is Utilidor -- including Utilidor and sewage
10 treatment facilities.

11 So water supply facilities includes the associated
12 infrastructure at Nipissar Lake, including the intake,
13 intake line, pump -- pump house, underground pipeline
14 and water tank in Williamson Lake. Sewage treatment
15 facility includes sewage collection system, which is
16 mostly piped sewage service and trucked pump-out
17 service. Waste water treatment plant which provide the
18 primary treatment via a rotating drum screen, and
19 sewage is discharged to -- to the Prairie Bay.

20 So as presented by -- by our Chairman, we did
21 receive an amendment application via initial receipt of
22 application was in 2012. Then additional information
23 was required, received in October 2012, August 2013.
24 So the amendment application is for seasonal
25 replenishment of Nipissar Lake.

26 The project is proposing to withdraw water from

1 Char River, which is an exiting point from Lower
2 Landing Lake. And initially, the licensee applied for
3 125 days -- pumping days annually. Then, according to
4 Stantec May 2014 submissions, the pumping rate --
5 pumping days or number of pumping days be -- go up
6 progressively from 14 that was planned from 2014 to 79
7 to 84. I didn't put there from 79 to 84. In 2013,
8 then it was reassessed recently to be around 43 days.

9 So resupply pump system is designed to be up to
10 700 U.S. gallon per minute, which is around 145 metres
11 cubic per hours or around close to 300,000 cubic metres
12 per year if we -- if we are based on 84 pumping days.

13 So what is the reason for replenishment of
14 Nipissar Lake? So it was known from back many years
15 that Lake -- Nipissar Lake is not sustainable for
16 long-term source for the community. Like, you can see
17 that, according to FSC Architects and Engineering 2009
18 survey, the lake volume decreased from around 3,500,000
19 to 2,800,000, and we have heard this number 44,000
20 cubic metres per year, so it was based on 2009 survey.
21 Actually, based on the 2013 reporting to the Board --
22 water usage was around 600,000, and given the fact that
23 Nipissar Lake annual natural recharges around 300,000,
24 so difference is close to 300,000 just in 2013. So we
25 see that the community needs sustainable and --
26 long-term sustainable water source. So Nipissar Lake

1 needs, yes, to be recharged beyond this time.

2 So this is the step -- those are steps that Water
3 Board went from the beginning of processing the
4 application August 2013. Acknowledging receipt of
5 application, asking parties to review the scope,
6 provide additional information request if they need.
7 September 20, 2013. Received comments and additional
8 information. Request from AANDC and DFO. October
9 2013, information provided by licensee's
10 representative. November 2013, that their mandate, the
11 application could proceed to the next steps of water
12 Type "A" application process.

13 November 2013, ask parties to -- to make written
14 representation to the Board. In the week of January
15 13th, 2014, was previously discussed or set for
16 technical meeting, prehearing conference to be held in
17 Rankin Inlet. December 2013, received comments from
18 AANDC. December 20, 2013, confirmed the date for
19 technical meeting, prehearing conference January 14,
20 January 15, 2014. Parties were asked to provide their
21 attendance -- or confirm their attendance January 9th
22 AANDC confirmed its attendance.

23 So January 14, Water Board staff in the technical
24 meeting. January 15, prehearing conference. The
25 evening of January 14, we had community session as
26 well. January 28, Board issued a prehearing conference

1 decision setting up deadline for the receipt of
2 responses to commitment list that -- established during
3 the technical meeting, prehearing conference. The
4 deadline set as February 7, May 9 for the additional
5 information or commitment -- commitments by licensee to
6 be submitted to the Board. Additional information was
7 provided in January -- February 7, May 9.

8 At that time, Board wasn't aware about a NIRB
9 decision about the -- the -- the licence, so the Board
10 was aware that NIRB is processing the file, but no
11 decision was still made. So decision was made just in
12 June 26th with some project-specific terms and
13 condition in the screening decision. July 4th, Board
14 issued notice for public hearing for -- for today, yes.
15 August 28, Board received written submission from
16 AANDC, and September 11th, written submissions related
17 to the public hearing from applicant. And we are here
18 for the -- we are here for the public hearing in the
19 morning, and now community session.

20 This is a very brief -- yes, very schematic
21 flowchart about generally what are processing steps.
22 So generally project proposal goes -- yes, proposal
23 goes firstly to Nunavut Planning Commission to have
24 Nunavut Planning Commission determination with respect
25 to land use plan conformity or no. If a -- if a -- if
26 the Planning Commission makes a positive decision, so

1 the project goes to Nunavut Impact Review Board for
2 screening, and if there is a screening report or
3 positive direction decisions, project goes to -- comes
4 to Water Board.

5 So we have options -- three different options for
6 the project. So we see that if we go further, the --
7 the Board -- there are -- we have one option for new
8 applications, one option for renewal amendment, et
9 cetera, and the project may be even refused or denied,
10 I would say.

11 So in the case of Rankin Inlet Water Licence, so
12 it was -- it was determined that it's amendment
13 application for an existing Type "A" Licence. So
14 the -- the Board processed the application for an
15 amendment to existing Type "A" Licence.

16 So this is a flowchart for Type "A" Licence. So
17 how is -- it is processed. So the first step is the --
18 the assessing the information, is it -- information is
19 satisfying to -- to go to the next step. To go next
20 steps would be technical reviewing. The -- the project
21 technical review may include additional information
22 requests from different parties. So when additional
23 information is received, you go to the next steps,
24 which is technical meeting, prehearing, and the result
25 of technical meeting, prehearing conference is
26 prehearing conference decision issued by the Board.

1 That usually set up deadline for additional
2 submissions, deadline for public hearing.

3 And I think -- and now we are in the -- when those
4 additional information is received by -- from parties
5 or from -- from applicant, the Board has public
6 hearing. So we are here in public hearing. The result
7 of public hearing would -- could be when -- or when the
8 public hearing is closed -- officially closed, the
9 Board will make a decision that may be approving the
10 application or not approving the application. And the
11 decision goes to AANDC minister for approval or refusal
12 or denial. So now we are here in public hearing
13 community session. So like I said, following the
14 public hearing, Board will make a decision to be issued
15 to minister -- for minister AANDC approval or not.

16 So why we are having a community session as well?
17 So the -- the -- the -- the main goal is to provide the
18 opportunity to community members to meet face to face
19 with the applicant and other parties, and if they
20 have -- they need some information, request this
21 information directly, and Board is also seeking some
22 feedback from party -- community members. And, yeah,
23 Board is very open to listen, and Board staff, to
24 listen any concern and you of community members they
25 may be related to -- to the application. And generally
26 to provide a way of consultation and general

1 information exchange between Board and community
2 members.

3 So this additional information is with respect to
4 generally Water Board or water licencing process that
5 those licence application processing use generally
6 Water Board's guides from 1 to 7. So we have seven
7 guides for general processing or related to general
8 licencing processing. And with respect to specifically
9 public hearing, we have rules of practice and procedure
10 for public hearing used at this time.

11 And this is the -- the Board's new website. And
12 this is the contact information for public that they
13 can always, not only with respect to this application,
14 generally with respect to any concern with -- related
15 to the water use, they can always address to -- to the
16 Board.

17 Any questioning, comments, please? Thank you,
18 Mr. Chairman.

19 THE CHAIR: Thank you. Any questions?
20 No?

21 The applicant, you may give a short presentation
22 summary of what you did today, and then from there,
23 we'll move on to AANDC to do their short presentation.
24 And then we'll open the floor to questioning.

25 Presentation by the Applicant

26 MS. LUSTEY: This is Megan Lustey from CGS.

1 Can we put our presentation up, Mr. Chairman?

2 This is Megan Lustey. I'm with Community
3 Government Services in Rankin Inlet. And I'd like to
4 thank the members of the community who came out this
5 evening for the public session. This presentation, for
6 those who were here during the day, varies just a bit
7 slightly from the presentation made earlier.

8 So just a bit of background on this file, the Type
9 "A" Water Licence 3AM-GRA1015 is held by the Department
10 Community and Government Services Government of
11 Nunavut, and I'll refer to this organization from -- as
12 "GN-CGS" from now on, and it authorizes the use of the
13 water from Nipissar Lake to supply the Rankin Inlet
14 Utilidor and the operation of the sewage treatment
15 facility. And this licence was issued June 9th, 2010,
16 and expires May 31st, 2015. And the quantity of water
17 use is not to exceed 850,000 cubic metres annually.

18 A bit of background on this amendment application
19 and the project that has been done. In 2009, the
20 Elders and community members expressed some concern to
21 the Hamlet and GN-CGS that the water levels in Nipissar
22 Lake were decreasing. At this point, GN-CGS engaged
23 FSC or Stantec now and RMSI to complete the water
24 supply capacity, consumption, and conservation study to
25 evaluate causes for decrease in water level. And this
26 study indicated that water usage in Rankin Inlet was

1 higher than expected due to leaks in the water
2 distribution system and additional infrastructure
3 development over the past ten years.

4 And this picture here shows a bathymetric study
5 that was also done in Rankin Inlet in 2009. And the
6 green lake outline for 2009, you can see that it has
7 changed from the historical lake outline.

8 In 2010, GN-CGS contracted FSC, Stantec to
9 complete the design of a water resupply pipeline to
10 replenish Nipissar Lake. In 2012, GN-CGS constructed
11 the 4.05-kilometre pipeline to pump water from Char
12 River to Nipissar Lake. This construction began after
13 the freeze-up to minimize damage on the tundra.

14 In 2014, GN-CGS, with the assistance of Stantec,
15 submitted the regulatory applications to Nunavut Water
16 Board, Nunavut Planning Commission, and the Nunavut
17 Impact Review Board to obtain the approval to pump
18 water from the Char River using this pipeline.

19 So the planning for this project. Prior to
20 completing the detailed ground surveys, aerial
21 photographs and digital mapping was reviewed for
22 possible routing options. The typical pumping season
23 was expected to extend over a maximum three months each
24 year from mid June to mid September. Two design
25 options were considered during the planning phase.
26 Option 1 followed the roadway between Nipissar Lake and

1 Char River. This option had the disadvantage of going
2 over high point of land and requiring stronger pumps
3 and higher fuel consumption. Option 2 went over land
4 from Char River to Nipissar Lake with the routing
5 selected to minimize elevation changes. Option 2 was
6 graded so that there's only one low point and only two
7 high points along the pipeline, which simplifies
8 operation of the pipeline.

9 On September 29th, 2010, FSC, Stantec, carried out
10 a site meeting with representatives of the community of
11 Rankin Inlet and GN-CGS. At this point, the only
12 concern that was mentioned, and this applied to either
13 routing option, was that there was a portion of the
14 route that crossed a primary snowmobile line near Lower
15 Landing Lake, and it was agreed with the community that
16 this portion of the route centred where the pipeline
17 meets the road close to the river would be buried to
18 prevent interference by the pipeline to snowmobiles.
19 And at this time, it was agreed that Option 2 was the
20 preferred solution with the community for the overland
21 pipeline supply.

22 The pipeline was designed to feature a screen
23 water intake pipeline located in the Char River
24 extending from the intake location to the pump. A
25 75-horsepower intake pump, a 4.05-kilometre HGPE
26 pipeline, two high-point releases, and one low-point

1 drain -- the photo on the right is of the low-point
2 drain -- and a sea can to house the intake pipe and
3 pump during the winter.

4 This slide shows the route of the pipeline from
5 Char River to Nipissar Lake. And the low-point drain
6 is located here, and there are three culvert crossings
7 at these points where the pipeline crosses the road.

8 The pipeline was designed so that the screen
9 intake is connected to a seasonal flexible intake line,
10 and this flex intake line is also stored within the sea
11 can. And this picture on the right shows the sea can
12 at Char River. This flexible intake line is installed
13 at the beginning of the spring pumping season and will
14 be removed at the end of the pumping season. The line
15 is connected to a trailer-mounted self-contained
16 diesel-powered pump with spill protection, and the pump
17 is capable of supplying 0.04 cubic metres per second of
18 water, and the pipeline terminates near the shore of
19 Nipissar Lake.

20 During operation of the pipeline, there will be
21 regular monitoring of the flow rate of Char River, and
22 during operation, we will adhere to a maximum
23 withdrawal rate of 10 percent of the flow rate and
24 in-stream minimum depth of 0.5 metres. Pumping will
25 cease if this minimum cannot be maintained.

26 Complete annual monitoring will be done to ensure

1 natural drainage is not obstructed. There will be
2 implementation of sediment and erosion prevention and
3 control measures, and there will be implementation of
4 spill prevention and response protocols.

5 And commitments that GN-CGS has made in previous
6 meetings and previous submissions have been to -- for
7 the completion of a hydrological study to calculate the
8 instantaneous river flow and stream discharge. In the
9 fall of 2012 -- 2014, a theoretical flow rating curve
10 will be developed based on surveys taken of Char River
11 and in 2015, during the pumping season, a field
12 hydrologist will visit Char River and calibrate the
13 curve with actual flow data.

14 In the fall of 2014, a literature review of
15 possible fish species in Char River will be conducted
16 to determine the in-stream minimum flow requirements
17 for environmental protection, installation of an
18 in-stream staff gauge in the Char River to complete
19 seasonal flow monitoring each year, limiting water
20 withdrawal to 10 percent of the instantaneous flow with
21 a 0.5-metre in-stream depth minimum to limit impacts to
22 aquatic ecosystem systems, monitoring of the
23 community's water use, annual water quality sampling of
24 Char River and Nipissar Lake prior to pumping, and if a
25 longer term alternative water supply source is
26 required, GN-CGS will ensure that there is a safe and

1 secure long-term water supply that is also protective
2 of the natural environment.

3 Lastly, we are requesting that a clause be
4 included in the water licence amendment stating that if
5 water withdrawal from Lower Landing Lake becomes a
6 preferred option in the future, that GN-CGS be required
7 to prepare and provide a water balance to the Nunavut
8 Water Board at least six months prior to pumping and to
9 demonstrate that the proposed pumping rate is
10 acceptable.

11 And now I'd like to ask if there's any questions
12 on this presentation. Thank you.

13 THE CHAIR: Thank you. Any questions?
14 Thank you.

15 AANDC? Oh, question at the back there? Go ahead.
16 Questioning of the Applicant by the Parties

17 ANDY ALIYAK: That pipeline -- I'm sorry I
18 came late. But I'd like to know, there are three
19 lakes. 2003 I -- I was allowed with the water
20 research. The -- we would throw down 45-gallon barrels
21 into the lake. And I'm wondering, have you looked into
22 this before you decide to use one of the lakes in the
23 ones that you mentioned earlier? Thank you.

24 THE CHAIR: Is there an answer to the
25 question?

26 MS. LUSTEY: This is Megan Lustey. I'm

1 sorry, can you please repeat which lake you're
2 referring to?

3 ANDY ALIYAK: Not the Char River. You're
4 talking about closest to the road? Is that the one
5 we're getting water from? They're pumping the water
6 from closest to the lake -- pardon me, close to the
7 road? Is that where the pump is going to take place
8 down to Nipissar Lake. I'm talking about the -- the
9 middle one there, the Landing Lake they used to call
10 it. That's the one that I was helping the -- the water
11 research for two months, and that was the most
12 contaminated in that one there. That -- I'd like to
13 know if somebody had that in mind there before doing
14 this 'cause the water's flowing down to the -- to the
15 first lake from here, from looking from this side.

16 MS. LUSTEY: Okay. Thank you. This is
17 Megan Lustey. Yes, we have taken water quality
18 sampling from Char River. We haven't taken water
19 sampling from the lakes further upstream, as that
20 wasn't our intended source water, but based on the
21 water results that we have for Char River, it's a very
22 good water source and we haven't found -- or there
23 hasn't been any concern for contamination from Char
24 River.

25 THE CHAIR: Thank you. Do you understand
26 what she said?

1 DFO?

2 MS. DAHL: Julie Dahl, Fisheries and
3 Oceans, DFO. I just wanted a bit of clarification.
4 Did I hear you correctly that you were proposing a
5 literature review this -- this winter or this fall to
6 determine fish species in the Char River?

7 MS. LUSTEY: This is Megan Lustey. Yes,
8 that was one of the commitments in the September 11th
9 letter to the Water Board in response to AANDC's -- in
10 response to AANDC prior to the public hearing take
11 place. That's described in that September 11th letter.

12 MS. DAHL: Okay. Julie Dahl, DFO. Just
13 wondering, are you expecting that there's more
14 literature out there than what has been already
15 referenced that may give a different species
16 composition for the river?

17 MS. LUSTEY: This is Megan Lustey. No, the
18 point of that is to determine the minimum in-stream
19 flow requirements for the potential fish that could be
20 in the river, and for -- what we were speaking of
21 earlier was that 0.5-metre requirement, which Joe
22 described as being for the char. So we're just going
23 to look at the other -- this was done very quickly, and
24 it was just going to be a more in-depth study to also
25 look at the other types of fish and ensure that none of
26 the other potential fish species require more for an

1 in-stream flow requirement than the 0.5 metres.

2 MS. DAHL: Julie Dahl, Fisheries and
3 Oceans. So I understand that you're basing the .5
4 minimum depth on char; however, char have not been
5 identified recently in sampling, however, grayling have
6 been, so is there a potential for you to use grayling
7 as the sensitive species, given that the drawdown will
8 be during their spawning and rearing period?

9 MR. ACORN: I mean, there's a potential.
10 If the research shows that the Arctic grayling are a
11 more critical species in terms of maintaining a minimum
12 flow, then, yes, we can switch the flow from char to
13 grayling. But, I mean, I don't know -- like I say, I'm
14 not a fish bio. When is the spawning season for Arctic
15 grayling?

16 MS. DAHL: Julie Dahl, Fisheries and
17 Oceans. It's the spring. I'm just trying to get to
18 the reason behind choosing char, when char have not
19 been identified as being found in the Char River
20 recently, but grayling have been found, and yet they're
21 not being used as the most sensitive species, even
22 though the drawdown or the water withdrawal is expected
23 during the -- during the grayling spawning period.

24 MS. LUSTEY: This is Megan Lustey. In the
25 letter we received from AANDC on August 28th, they
26 specifically mention the requirements for char as a

1 species, so in our quick time frame to provide a
2 response, we address char. But that's a -- this --
3 what this literature review will look at is the other
4 species as well. So if we're being told that the
5 Arctic grayling are the primary species, that will
6 definitely be included in this literature review.

7 MS. DAHL: Okay. Thank you.

8 THE CHAIR: Thank you.

9 AANDC, do you want to do a presentation?
10 Presentation by Aboriginal Affairs Northern Development
11 Canada

12 MS. COSTELLO: Thank you, Mr. Chair. And
13 with my apologies to the community members, sorry for
14 my back. I feel like I should turn the microphone
15 around and speak to you.

16 My name is Karen Costello, and I'm with Aboriginal
17 Affairs Northern Development Canada in the Nunavut
18 regional office in Iqaluit. I am joined by Ian
19 Parsons, who is one of our regional coordinators in our
20 water resources division. We welcome the chance to
21 make this presentation to the people of Rankin Inlet,
22 and I appreciate also you giving up your community hall
23 for us to have this time to present at the Nunavut
24 Water Board's public hearing.

25 I just want to quickly let the members of Rankin
26 Inlet community know a little bit about what Aboriginal

1 Affairs has done in its -- this -- this licence review.
2 I will touch on our roles and responsibilities, our
3 contributions to the Water Licence amendment, and touch
4 on the four areas where we had technical comments.

5 So most of you are probably familiar with
6 Aboriginal Affairs. We do have a responsibility with
7 respect to the Nunavut water resources or Nunavut's
8 water resources, and this mandate and responsibility
9 comes from various pieces of legislation. The
10 Department of Indian Affairs and Northern Development
11 Act, the Nunavut Land Claims Agreement Act, the Nunavut
12 Waters and Nunavut Surface Rights Tribunal Act and its
13 associated regulations, and the Territorial Lands Act
14 and its associated regulations.

15 Aboriginal Affairs have been active participants
16 in the Water Licence amendment application review
17 process. When the Water Board started the process, we
18 submitted a review letter with information requests
19 directed towards the applicant in September 2013. We
20 followed that up with a technical review memo in
21 December of 2013. We participated in the technical
22 meeting and prehearing conference in January of this
23 year, and that was followed with a technical review --
24 a second technical review memo that was submitted in
25 August.

26 So I'm just going to quickly go to the areas where

1 we offered some recommendations for the Board's
2 considerations. Our first recommendation had to do
3 with flow monitoring. And we recommended that the
4 licensee, so the Government of Nunavut Community and
5 Government Services, be required to undertake
6 multi-year seasonal flow monitoring of Char River. And
7 we did this so that we could understand the viability
8 of Char River to meet the community water needs, we
9 wanted the information to support adaptive management
10 of water withdrawals, and we wanted to establish
11 in-stream flow objectives.

12 For those of you in the community, these images
13 are probably very familiar to you. The picture on the
14 right shows the shoreline of Nipissar Lake on August
15 24th. And you can actually see the old shoreline here
16 where the vegetation is established, and you can see
17 here where the water has been drawn down, and this was
18 the shoreline on August 24th. The picture on the left
19 shows Char River and their proposed intake location.
20 This is the trailer that Megan has referred to, the
21 pipeline coming out here.

22 Aboriginal Affairs submitted a recommendation for
23 an adaptive management plan. We recommended that the
24 licensee be required to develop an adaptive management
25 plan accounting for Char River flow availability and
26 variability. As is evidenced by those photos, we --

1 you can understand the -- our recommendation for an
2 alternative source assessment, and our recommendation
3 was that the licensee should conduct a thorough
4 assessment of other alternative sources of water for a
5 long-term solution.

6 As evidenced in the picture that was shown by
7 Megan, the pipeline is a little over 4 kilometres long.
8 The -- as placed right now, it follows the contours.
9 There is a low-point drainage area, and we put forth
10 the recommendation that the licensee be required to
11 place structures around the low-point drainage to
12 prevent erosion when the pipeline is drained.

13 The Department recognizes the importance that
14 Nipissar Lake be replenished, as the evidence shows
15 that it is long -- no longer an adequate water source
16 for the hamlet and its growing population. Aboriginal
17 Affairs supports the issuance of an amendment to the
18 Rankin Inlet Water Licence to allow the use of water
19 from Char Lake (sic) for municipal supply, but only
20 under the conditions we have outlined. And in the
21 presentation you have just seen from GN, they touched
22 on our recommendation for flow monitoring, it was Point
23 Number 1 on their list of -- on their Slide 1 of
24 commitments, and they touched on development of an
25 adaptive management plan. It was Bullet Number 3 on
26 Slide 2 of their recommendations.

1 They made these commitments in their September
2 11th submission to the Water Board, and these
3 commitments satisfy Aboriginal Affairs. So on that
4 basis, we are supportive of this amendment request.

5 Thank you very much.

6 THE CHAIR: Thank you. Any questions from
7 the public? Thank you, AANDC.

8 DFO, you have anything to add to the
9 presentations?

10 MS. DAHL: Julie Dahl, DFO. I do not
11 have a presentation prepared, and I'm not sure whether
12 or not you would like me to re-go over the -- our
13 comments and recommendations on the applicant's
14 mitigation?

15 MR. BOYER: Mr. Chair, it's up to DFO. If
16 they want to make a presentation, you can invite them
17 to do so if they wish.

18 THE CHAIR: Would you like to?

19 MS. DAHL: For the benefit of the
20 community members, I will do a summary for you.

21 THE CHAIR: Thank you.

22 Presentation by Department of Fisheries and Oceans

23 MS. DAHL: Julie Dahl, Fisheries and
24 Oceans. I will just go down to -- okay. In the
25 applicant's presentation and in their submissions, they
26 have identified some key mitigation measures that need

1 to be applied such that impacts on Char River are
2 minimized. And one of the measures that they had spoke
3 about -- I've just got to try to find it here. Sorry.
4 Okay. They had committed to not withdrawing any more
5 than 10 percent of what the flow of the river is at any
6 time. DFO had identified that this is a protective
7 measure, provided that there is adequate monitoring to
8 determine that what the current flow rate is such that
9 they would ensure they are below the 10 percent
10 withdrawal rate. They are proposing to pump 24 hours a
11 day, and this may -- may present a challenge for being
12 able to ensure that they have a current flow rate so
13 that they can be within that 10 percent value. And we
14 had recommended that they clarify that it will be
15 continuous monitoring of the flow, and that we need --
16 they should clarify what the procedures are for
17 determining what those flow rates are, the timing of
18 those calculations, and how they're going to adjust the
19 pump rate as the flow rate in the river changes.

20 They had also identified that they would stop
21 pumping as a mitigation measure to protect the -- the
22 fish and the habitat in the river, and again, we wanted
23 to make sure that they were able to adjust the pump
24 rate when the flow in the river rapidly declined
25 following spring freshet.

26 We had also -- they had also committed to

1 providing a proper screen on the intake to avoid fish
2 being drawn into the pump. They had -- Stantec has
3 clarified what the screen size is and what the approach
4 velocity will be; however, we wanted to make sure that
5 they have fully reviewed the guidelines that DFO has
6 for fish screen to make sure that they have paid
7 attention to all of the design criteria so that they do
8 not kill fish by drawing them into the intake.

9 Whoops. Sorry. Sorry. Okay. Right here. So we
10 had concluded that, based on the very short duration of
11 high flows in the Char River and that it is only in the
12 springtime that they have high flows, that water
13 withdrawal may only be possible during the spring
14 freshet each June, and although there's a commitment to
15 only withdraw water when there's enough flow to take 10
16 percent and be able to have flow in their pipe, it's
17 unlikely that sustained flows above a cutoff limit
18 that's protective of the river will be available to
19 support the anticipated pumping that is needed to
20 replenish the lake.

21 DFO also supported AANDC in their -- in their
22 recommendations, including that for multi-year flow
23 monitoring and an assessment of how viable the Char
24 River is as a -- as a water source, adaptive management
25 for when flows in the Char River were insufficient, and
26 the need for a robust alternatives assessment of

1 supplementary water sources.

2 Thank you.

3 THE CHAIR: Thank you. Any questions to
4 DFO?

5 MR. ACORN: Joe Acorn. It's not a
6 question, just a bit of a clarification. You say this
7 may not be enough to pump in enough water to pump over
8 a time period to -- to move the water that we want, and
9 we're not necessarily disagreeing with you, but we do
10 think that in the short term, at least, we've estimated
11 14 days. We think in the near term, there is enough
12 flow to transfer the water we may need in the short
13 term, but we would agree that perhaps from 2025 to
14 2030, when we would need a longer pumping period, it
15 does appear right now that we would not be able to pump
16 for the full period. But, I mean, that'll prove out
17 with the hydrology study that we're going to do.

18 MS. DAHL: Julie Dahl, DFO. Thank you
19 for that. And I do understand that you will not pump
20 if -- you will not pump more than 10 percent of the
21 instantaneous flow, and if the flow gets so low that 10
22 percent -- you know, 10 percent of nothing is still
23 nothing. So I understand that you won't pump, and that
24 in the spring, if you only have 14 days of high enough
25 water to pump, that's when you will.

26 The added measure that you had identified, that

1 cutoff limit, I just want to make sure that -- that if
2 you are going to apply a cutoff limit in terms of
3 the -- the minimum water depth where you'll stop
4 pumping as well, just want to make sure that it is
5 derived from, you know, something that -- that makes
6 more sense. And what we had talked about earlier, that
7 if you set that minimum limit based on Arctic char, and
8 yet Arctic char haven't been found in the system, and
9 they're sensitive in the fall, it's not making a lot of
10 sense to me why you would choose that species, when, on
11 the other hand, Arctic grayling are there and they are
12 spring spawners and they are going to be present at the
13 time that you want to withdraw, so maybe you should
14 look at that as a -- as a -- as an alternative species
15 to set your minimum depth cutoff limit.

16 MR. ACORN: Joe Acorn. Yes, we agree. I
17 mean, that's definitely a possibility. I mean, Arctic
18 char was raised by others as an issue, and so that's --
19 in the late August interventions that were filed, DFO
20 didn't file an intervention and raise Arctic grayling.
21 If you had, we would've considered that. We (sic) have
22 raised it now, and we will consider it when we do our
23 literature review, and if Arctic grayling turns out to
24 be the more sensitive species over Arctic char, then
25 we'll make that determination and make that switch.

26 THE CHAIR: Thank you.

1 Any members of the general public who would like
2 to come up and do a short presentation?

3 Questioning of Department of Fisheries and Oceans by
4 the Parties

5 ALICE IPKORNERK: I just have a question to DFO.
6 What Arctic char are you talking about? I'd like to
7 get a -- get an understanding. I'm asking you what
8 Arctic char are you talking about because Nipissar
9 doesn't have any Arctic char, and also, Char River
10 doesn't have the Arctic char. I know that Nipissar
11 Lake has trout and other species, like, there is
12 graylings, white fish, and there's trout. I know that
13 it has. But further up, the one with the char has --
14 there's white fish, and there's Arctic char. These are
15 graylings that -- we have two white fish. I know that
16 because I go fishing a lot, and -- and I moved here
17 1957, and I've been here since. And these -- I know
18 some areas in some lakes that have -- I know what kind
19 of fishes are -- fish are in the lakes. I'm just
20 wondering, I'd like to get a clarification on what
21 Arctic char you're talking about. Thank you.

22 THE CHAIR: AANDC?

23 MS. COSTELLO: Thank you, Mr. -- thank you,
24 Mr. Chair. I would like, with your permission, to --
25 to speak to the point that the -- the Rankin Inlet
26 resident just raised asking about what char we were

1 talking about.

2 In the Department submission, we referenced char
3 as just an example of a fish species. We apologize for
4 any confusion it may have raised by us referring to
5 char being in the Char River. We recognize that there
6 are other fish species in the river that may be best
7 used as indicators, as mentioned by our colleagues from
8 Fisheries and Oceans. Thank you.

9 MR. AGLUKARK: My name is David Aglukark Sr.,
10 Water Board member. The question from that lady
11 just asked, I'm just going to reply to her of her
12 question. Her question was which river -- from which
13 river you guys keep saying maybe had char. Do you
14 understand what I'm saying?

15 It's from that Lower Landing Lake. They keep
16 saying that there is some fish species. If it's like
17 that, I'm not even sure.

18 ALICE IPKORNERK: My name is Alice Ipkornerk.
19 At Lower Landing Lake, I know that they have no Arctic
20 char. Absolutely. I know that they have trout.
21 There's no white fish. Well, they have white fish and
22 the other -- grayling. There's only three different
23 kind of fish that I know they have because Landing Lake
24 doesn't have river, but there's a small Char River --
25 we can't even have fish going up the river because
26 there's no water in that river. I hope you understand.

1 THE CHAIR: Anybody else from the public,
2 community of Rankin Inlet?

3 PETER IPKORNERK: Peter Ipkornerk. I am from
4 Rankin Inlet. 53 years I've been living in Rankin. I
5 have heard about Char River. It's pretty far, like,
6 it's way on the side. We are talking about Lower
7 Landing Lake. We call them the Lower Landing Lake.
8 Like you were saying earlier, saying it's Char River,
9 it is further up. Because there are three lakes;
10 there's first lake, the middle lake, and there's third
11 lake. These are called the Landing Lake -- there is --
12 on the side there is very small fish. We have these
13 trout, those slime (sic) fish, and there are some of
14 these fish that are there, and there -- we're talking
15 about -- I'm not too sure if Lower Landing Lake --
16 because hardly anyone fishes over there.

17 The middle one -- the middle lake is the place
18 where most of the lake -- or people go fishing, and
19 there's a lot of people that go out fishing in these
20 areas. There's some trout fish, and there's little
21 fish. We don't have any Arctic char in those lakes,
22 just for your information. I just wanted to mention
23 this to you. Thank you.

24 THE CHAIR: Anybody else?

25 MR. BOYER: Mr. Chair, Craig Boyer. If
26 there are no further comments from the public and if

1 you are satisfied that we've received all that we need
2 to receive, you should be inviting the parties to make
3 closing submissions.

4 THE CHAIR: Thank you. We'll take a
5 five-minute break.

6 (ADJOURNMENT)

7 THE CHAIR: Welcome back, everybody. Now
8 we go on to the closing remarks by the applicant,
9 AANDC, DFO, interested parties.

10 And, the applicant, you may start any time you are
11 ready, your closing remarks.

12 Closing Remarks by the Applicant

13 MR. ACORN: Thanks. It's Joe Acorn.

14 Thank you, Mr. Chair.

15 Just before the closing remarks, we do want to
16 address a statement that was made earlier today about
17 the pipeline having operated over, I think, a few-week
18 period. Megan went back and we did check, and we have
19 no record of there having been any operation of the
20 pipeline such as that. There was a commissioning test
21 done when the pipeline was put in place, and the pump
22 was tested to make sure it operated and the pipeline
23 and everything was put together properly. But that --
24 that was a very quick, like, 90 minute kind of thing in
25 an afternoon. There was no extended operation of the
26 pipeline that we -- anybody knows of. So I just wanted

1 to address that since it was put on the record earlier
2 today.

3 So just as a closing statement I guess, then, I'd
4 say over the course of the last little while and today,
5 we've provided estimates of volumes that could be
6 pumped and number of pumping days that could be
7 required. These numbers are estimates that were
8 calculated based on other estimates of population
9 growth and per capita water consumption over the next
10 two decades; however, we would ask the Board not to get
11 too caught up in the numbers, but keep your focus on
12 the bigger issue, which is the declining volume of
13 water in Nipissar Lake. What we are trying to do is,
14 at the very least, slow, hopefully stop, and preferably
15 reverse the decline in the volume of Nipissar.

16 The major question for the Board to determine, in
17 our view, is if you agree that water can be pumped from
18 Char River to Nipissar Lake without causing significant
19 negative impacts upon the Char River ecosystem system.
20 With the studies that we have agreed to conduct and the
21 conditions that we have agreed to place on our pumping
22 rate and our pumping period, we believe that the
23 transfer of water can be done safely. The amount that
24 we will -- the amount that we will be able to pump in
25 the time period over which it will occur will be
26 determined over the next year based on the studies that

1 we will be conducting. We believe that these studies
2 will show that, at least in the short term, we should
3 have enough water available to stop further drawdown of
4 Nipissar Lake. Ultimately, though, CGS will act as
5 necessary to ensure that there is a safe long-term
6 water supply for Rankin Inlet. The work we will do
7 over the next year will determine the pace and focus of
8 our work in this area.

9 If it is determined that -- if it's determined
10 that Char River in perhaps the short to medium term
11 will not fulfill the requirements that we have, CGS
12 will do the analysis work looking at alternative and/or
13 supplementary water-supply options, perhaps in
14 conjunction with more aggressive water-use minimization
15 efforts; however, we believe that we put together an
16 amendment application for your consideration that we
17 think should satisfy the Board's concerns, and
18 hopefully you agree and we can start getting this
19 pipeline in operation next year. Thanks.

20 Thank you.

21 THE CHAIR: Thank you.

22 AANDC?

23 Closing Remarks by Aboriginal Affairs Northern
24 Development Canada

25 MS. COSTELLO: Thank you, Mr. Chair. At this
26 time I'd like to thank the Nunavut Water Board, both

1 the Board members and your staff, for your attention to
2 this file over the last little while. And I am proud
3 to say that the translators have not had to beat me
4 once for talking too fast. So thanks for your patience
5 and attention in trying to provide the translation and
6 interpretation. So thank you.

7 A process like this is only effective when you
8 have constructive and open dialogue with the applicant.
9 So key thanks to Megan, Joe, and the team that has been
10 with them for all of their efforts in working with us
11 and answering our questions and responding to our
12 information requests.

13 Aboriginal Affairs acknowledges that it is
14 necessary to ensure the community has a reliable source
15 of water. It is also important that the water source
16 chosen for replenishment is both adequate and
17 environmentally sound. At this time, we are supportive
18 of the amendment, but we recognize that there may be
19 some challenges. In the absence of evidence to suggest
20 otherwise, the Department is concerned that the use of
21 Char River for replenishment is a short-term solution
22 and possibly only viable for a couple of years. And as
23 we have just heard from the applicant, they are
24 cognizant of this and will take steps to conduct the
25 necessary studies and alternatives assessment.

26 So thank you very much to everyone for your

1 attention. Thank you to the Hamlet, and also for the
2 Elders for sharing their knowledge of the Char River
3 that it has fish other than char. So thank you very
4 much. Have a good evening. Bye bye.

5 THE CHAIR: Thank you.

6 DFO?

7 Closing Remarks by Department of Fisheries and Oceans

8 MS. DAHL: Julie Dahl, Fisheries and
9 Oceans. I would just like to thank the NWT -- --
10 sorry, I'm -- wrong territory. The Nunavut Water Board
11 and staff for the opportunity to discuss this Water
12 Licence application, and I'd like to thank the --
13 the -- the representatives of the applicant for their
14 patience for our -- for our questions and discussion.
15 It's very much appreciated. And I have no further
16 comments. Thank you.

17 THE CHAIR: Thank you.

18 Any community members that would like to make a
19 closing comments?

20 JUSTIN MERRITT: Justin Merritt from hamlet,
21 SAO. I'd just like to thank the Board and the members
22 of the Water Board staff for coming here, and thanks
23 for CGS for putting this application in. As you know,
24 in Rankin it's kind of unique, CGS has the Water
25 Licence on behalf of the town, and working with the
26 Hamlet council, recognizing this problem, and the --

1 the Hamlet will be working with CGS over the coming
2 years to monitor the situation and to make the right
3 recommendations so that we have an adequate supply of
4 water in the future.

5 So thank you very much.

6 THE CHAIR: Thank you. Anybody else from
7 the public?

8 Go ahead. Please state your name prior to
9 speaking.

10 ANDY ALIYAK: Andy Aliyak. Thank you to the
11 Nunavut Water Board for the opportunity to receive
12 information on this issue, but in terms of the future,
13 our children and our grandchildren will grow and meet
14 the challenges ahead, and we -- we look forward to
15 working together in the future. Thank you.

16 Closing Remarks by Nunavut Water Board

17 THE CHAIR: Thank you.

18 Anybody else from the floor? I believe we're just
19 about wrapping up. Thank you. Thank you to all the
20 members of the community of Rankin Inlet for coming
21 tonight and speaking at this community session. I will
22 now do my closing remarks.

23 The Board would like to thank the parties,
24 especially the applicant; the staff; interveners,
25 interpreters, Ben Kogvik and Mary Rose Angoshadluk;
26 court reporter, Christy Longacre; PIDO, Ryan Dempster;

1 all the community members and Elders for their valuable
2 participation in this hearing. Thanks also to the
3 hamlet of Rankin Inlet for their outstanding
4 hospitality and patience with the Board.

5 The applicant has requested that -- the
6 opportunity to provide a response to the DFO submission
7 heard today during the public hearing. The panel has
8 agreed to keep the record open until Friday, October 3,
9 2014, to allow the GN-CGS to provide a written
10 response. After October 3, 2014, the record will be
11 closed. What this means is that no additional
12 information will be accepted on this application prior
13 to the Board making a final decision. Once the record
14 is closed, the Board will begin its deliberations. The
15 Board will make its decision on the application in
16 approximately 30 days, and if you have any questions
17 from now until then, please consult our executive
18 director.

19 I will now ask the Board's legal counsel, Craig
20 Boyer, to read the list of exhibits that have been
21 accepted by the panel today.

22 MR. BOYER: Mr. Chair, thank you. The
23 exhibits that have been noted today, of course, to
24 start with Number 1, the agenda for the public hearing,
25 the English version; Exhibit Number 2, the agenda for
26 the public hearing in the Inuktitut version; the third

1 exhibit is the PowerPoint presentation put forward by
2 Stantec and GN-CGS; the fourth exhibit was the summary
3 of the applicant's presentation, both English and
4 Inuktitut versions; Exhibit 5 is the PowerPoint
5 presentation by AANDC; Exhibit 6 is the written
6 executive summary from AANDC in English; Exhibit 7 is
7 the written executive summary from AANDC in Inuktitut;
8 Exhibit 8 is PowerPoint presentation by DFO; Exhibit 9
9 is the written submission by DFO; Exhibit 10 is the
10 PowerPoint presentation by the Nunavut Water Board;
11 Exhibit 11 is the letter dated February 7th, 2014, that
12 was received from GN-CGS which enclosed data flow and
13 some e-mails; Exhibit 12 is the letter dated May 9th,
14 2014, from Stantec Consulting Ltd., and that was in
15 relation to further commitments that were provided at
16 the prehearing conference; Exhibit 13 is the letter
17 dated August 27th, 2014, again from AANDC; Exhibit 14
18 is the letter dated September 11th, 2014, from Stantec
19 Consulting Limited; Exhibit 15 is the environmental
20 screening report by Stantec Consulting from May of
21 2014, and it is 587 pages in total; Exhibit 16 is the
22 addendum to operations and maintenance plan prepared by
23 Stantec Consulting Ltd., also from May of 2014, and
24 that is a 129-page document; Exhibit 17 is the spill
25 contingency plan by Stantec Consulting Ltd., again from
26 May of 2014, and that document is 48 pages; Exhibit 18

1 is the community session presentation by GN-CGS which
2 was heard this evening, the PowerPoint version; and
3 Exhibit 19, when it is received, will be the further
4 written submission from GN-CGS in response to the DFO
5 submissions heard today.

6 And if that's acceptable to the Board, that would
7 be the list of exhibits received in evidence.

8 THE CHAIR: Thank you. Was that slow
9 enough for you or fast enough?

10 MR. BOYER: I'm sorry?

11 THE CHAIR: Was that slow adequate.

12 MR. BOYER: I can provide Christy with a
13 printout.

14 EXHIBIT 1 - Agenda for Public Hearing -
15 English

16 EXHIBIT 2 - Agenda for Public Hearing -
17 Inuktitut

18 EXHIBIT 3 - PowerPoint presentation by
19 Stantec/GN-CGS - English

20 EXHIBIT 4 - Summary of Applicant's
21 presentation by GN-CGS - English and
22 Inuktitut.

23 EXHIBIT 5 - PowerPoint presentation by
24 AANDC - English and Inuktitut

25 EXHIBIT 6 - Written Executive Summary from
26 AANDC - English

1 EXHIBIT 7 - Written Executive Summary from
2 AANDC - Inuktitut
3 EXHIBIT 8 - PowerPoint presentation by DFO -
4 English
5 EXHIBIT 9 - Written Submissions by DFO -
6 English
7 EXHIBIT 10 - PowerPoint presentation by NWB -
8 English
9 EXHIBIT 11 - Letter dated February 7, 2014,
10 from GN-CGS and enclosed flow data and e-mail
11 EXHIBIT 12 - Letter dated May 9, 2014, from
12 Stantec Consulting Ltd.
13 EXHIBIT 13 - Letter dated August 27, 2014,
14 from AANDC
15 EXHIBIT 14 - Letter dated September 11, 2014,
16 from Stantec Consulting Ltd.
17 EXHIBIT 15 - Environmental Screening Report
18 by Stantec Consulting Ltd. May 2014 (587
19 pages)
20 EXHIBIT 16 - Addendum to Operations and
21 Maintenance Plan by Stantec May 2014 (129
22 pages)
23 EXHIBIT 17 - Spill Contingency Plan by
24 Stantec Consulting Ltd. May 2014 (48 pages)
25 EXHIBIT 18 - Community Session Presentation
26 by GN-CGS

1 EXHIBIT 19 - Letter dated October 3, 2014,
2 from Stantec Consulting Ltd.

3 THE CHAIR: Thank you, Craig.

4 That now concludes the community session. Have a
5 good evening, and safe travels home tomorrow to the
6 people who are traveling tomorrow, and wishes to Rankin
7 Inlet. The hearing is now adjourned in accordance with
8 the instructions, and I will now ask member David
9 Aglukark Sr. to do the closing prayer.

10 Closing Prayer

11 (PROCEEDINGS ADJOURNED AT 9:05 AM)

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1 CERTIFICATE OF TRANSCRIPT:

2

3 I, Christy Longacre, certify that the foregoing
4 pages are a complete and accurate transcript of the
5 proceedings, taken down by me in shorthand and
6 transcribed from my shorthand notes to the best of my
7 skill and ability.

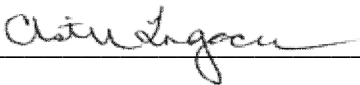
8 Dated at the City of Calgary, Province of Alberta,
9 this 30th day of September, 2014.

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Christy Longacre, CSR(A)

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Official Court Reporter

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EXHIBITS

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