## NUNAVUT WATER BOARD

## AGNICO EAGLE MINES LTD. (AEM) MELIADINE GOLD PROJECT

APPLICATION FOR A

TYPE "A" WATER LICENCE (WL) 2AM-MEL---

## PUBLIC HEARING COMMUNITY SESSION

Rankin Inlet, Nunavut February 10, 2016

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1	Proceedings taken at Rankin Inlet, Nunavut		
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3	February 10, 2016		
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5	NUNAVUT WATER BOARD		
6	L. Toomasie	Chair of Hearing	
7	M. Nartok	Panel Member	
8	C. Adjun	Panel Member	
9			
10	NUNAVUT WATER BOARD STAFF		
11	C. Kieu	Legal Counsel	
12	S. Autut	Executive Director	
13	D. Hohnstein	Director of Technical Services	
14	K. Kharatyan	Senior Technical Advisor/	
15		Acting Manager of Licencing	
16	B. Kogvik	Board Secretary	
17	R. Ikkutisluk	Licencing Administrator	
18			
19	APPLICANT AGNICO EAGLE MINES LIMITED		
20	C. Kowbel	Legal Counsel	
21	S. Robert	Manager of Regulatory Affairs	
22	J. Quesnel	Environmental Superintendant,	
23		Nunavut	
24	J. Pratt	Environmental Coordinator,	
25		Meliadine Project	
26	L. Young	Golder Associates	

1	C. Pratner	Golder Associates	
2		Golder Associates	
	D. Charley	Golder Associates	
3			
4	INTERVENORS		
5			
6	KIVALLIQ INUIT ASSOCIATION		
7	L. Manzo	Director of Lands	
8	C. Barsall	Representative	
9			
10	ENVIRONMENT AND CLIMATE CHANGE CANADA		
11	M. Pinto	Environmental Assessment	
12		Coordinator	
13	A. Wilson	Water Quality Experts Support	
14	L. Wilson	Environmental Effects	
15		Monitoring	
16			
17	INDIGENOUS AND NORTHERN	AFFAIRS CANADA	
18	K. Costello	Director Resource Management	
19	I. Parsons	Regional Coordinator, Water	
20		Resources	
21	T. Carroll	Legal Counsel	
22			
23	HAMLET OF RANKIN INLET		
24	J. Kaludjak	Hamlet Foreman	
25	J. Merritt	Representative	
26			

1	BAKER LAKE	
2	J. Seeteenak	HTO Representative
3	E. Elytook	Elder Representative
4		
5	CHESTERFIELD INLET	
6	H. Aggark	Representative
7	T. Amauyak	HTO Representative
8	R. Aggark	Youth Representative
9	P. Kadjuk	Elder Representative
10		
11	INTERPRETERS/TRANSLATOR	S
12	B. Kogvik	Inuktitut Translator
13	M.R. Angoshadluk	Inuktitut Translator
14		
15	J. Macdonald, CSR(A)	Official Court Reporter
16		
17	R. Dempster	Sound Technician
18		
19		
20		
21		
22		
23		
24		
25		
26		

- 1 (PROCEEDINGS COMMENCED AT 7:24 PM)
- 2 Opening Remarks by Nunavut Water Board Chairman
- 3 THE CHAIR: Good evening. Tonight's
- 4 Community Session for the Licence Number 2AM-MEL. We
- 5 call this public -- this is the public hearing, part of
- 6 the public hearing, but it's the evening session.
- 7 We wish we will proceed now. Time is running out
- 8 anyway, as usual.
- 9 Good evening, everyone, and welcome to the
- 10 Community Session to the Nunavut Water Board public
- 11 hearing of the new Type "A" Water Licence Application
- 12 filed by Agnico Eagle Mines Limited with the Nunavut
- 13 Water Board for the Meliadine Gold Project.
- 14 This public hearing is related to the use of water
- 15 and deposit of waste associated with the mining and
- 16 milling undertaken at the Meliadine Gold Mine.
- 17 My name is Lootie Toomasie, and I'm the Vice Chair
- 18 of the Nunavut Water Board and the hearing chair for
- 19 this public hearing.
- 20 Before we proceed with tonight's session, we would
- 21 like to start with a prayer, and I'd like to call Eva
- from Baker Lake to say the opening prayer for us.
- 23 (OPENING PRAYER)
- 24 THE CHAIR: Thank you, Eva.
- 25 For those of you who were not here this morning
- 26 when we started the public hearing, I have a few brief

- 1 housekeeping and introductory remarks, and then I will
- 2 turn the microphone over to the Executive Director and
- 3 Staff of the Nunavut Water Board, the Applicant, and
- 4 Intervenors.
- 5 Before I do, please note that there is interpreter
- 6 -- an interpretation available throughout the hearing.
- 7 An earpiece are [sic] available from the table located
- 8 -- I think it's over here on the side. Channel 1 is
- 9 English and Channel 2 is Inuktitut.
- 10 I also want to remind everyone to sign in on the
- 11 sign-in sheets located at the table at the entrance.
- 12 You signing in is part of the record for this hearing.
- 13 In other words, the Board's decision report will
- 14 include the sign-in sheets. That's why the Board and I
- 15 appreciate your help in making sure it is complete.
- 16 The washrooms are located just outside the hall.
- 17 The headset is located just where you come in, and
- 18 there will be coffee, tea, and snacks located at the
- 19 table at the front of the hall. It's on the other side
- 20 over there. During break, please help yourself to the
- 21 food at the back.
- 22 There are agendas for the hearing available at the
- 23 table as you come in. Please pick one up and follow
- 24 along.
- 25 Now, I'd like to introduce all the Board and Staff
- 26 before we proceed to the presentation on the agenda. I

- 1 will be chairing this Panel, and with me today, as
- 2 members of the Panel, are board members Colin Adjun on
- 3 my right, and on my left is Makabe Nartok.
- 4 Several Staff members who have contributed to
- 5 NWB's administrations and the technical review of the
- 6 application are present, along with legal counsel to
- 7 the NWB, and I will introduce the individuals attending
- 8 today. When I say your name, please wave so that
- 9 people know who you are: Stephanie Autut, Executive
- 10 Director; David Hohnstein, Director of Technical
- 11 Services; Karen -- I can't pronounce your name
- 12 properly. Sorry about that -- is Senior Technical
- 13 Advisor, Acting Manager of Licencing; Robin Ikkutisluk,
- 14 licence Administrator. She's out there helping out.
- 15 Ben Kogvik, Secretary and Interpreter to the Board; and
- 16 Cindy Kieu with Shores Jardine LLP, legal counsel to
- 17 the NWB.
- In addition, we have two interpreters available
- 19 for translation: Ben Kogvik, Secretary to the Board,
- 20 and Rosemary -- Mary Rose, who is from Rankin Inlet.
- 21 For audio support, we have with us Ryan Dempster
- 22 from PIDO Production. If you experience any difficulty
- 23 with your headsets, he will be able to provide
- 24 assistance.
- To ensure accurate records of the proceeding is
- 26 kept, we have with us a court reporter, Julie

- 1 Macdonald, from Dicta Court Reporting Incorporated. To
- 2 assist Julie, I ask that all parties please state your
- 3 name prior to speaking.
- 4 We will start tonight's session with a
- 5 presentation by the Nunavut Water Board Technical Staff
- 6 and then a presentation by the Applicant, Agnico Eagle
- 7 Mines Limited. Following that, we will have a
- 8 presentation by the following Intervenors: Indigenous
- 9 and Northern Development [sic] Canada, Environment and
- 10 Climate Change Canada, and Kivalliq Inuit Association.
- 11 Following these presentations, I will invite
- 12 anyone who wishes to ask questions or provide the Panel
- 13 with a comment to step up to the microphone and speak
- 14 on the record. If you are an Elder, you can raise your
- 15 hands, and one of our Staff members will help you.
- 16 I encourage everyone with questions or comments
- 17 please step up to the microphone and talk. You can
- 18 direct your question to the Staff of the Nunavut Water
- 19 Board, Applicant, Agnico Eagle, and Intervenors, the
- 20 Kivallig Inuit Association, Indigenous and Northern
- 21 Development Canada, Department of Climate Change
- 22 Canada.
- No doubt, we need the public hearing record to be
- 24 complete and accurate. We also need to assist our
- 25 court reporter and interpreters. To do that, before
- 26 you speak, please wait until you have a microphone to

- 1 speak, then state your name and speak directly,
- 2 clearly, and slowly into the microphone. Please be
- 3 mindful of the interpreters as you go, and avoid the
- 4 use of acronyms and abbreviations if you can.
- 5 We appreciate your participation and assistance in
- 6 making sure we are all heard and understood in this
- 7 hearing.
- 8 I will now turn the microphone to the Executive
- 9 Director and the Board's Technical Staff to walk you
- 10 through how this application has progressed to this
- 11 point.
- 12 Stephanie.
- 13 MS. AUTUT: Thank you, Mr. Chair.
- 14 Karen Kharatyan is going to make the presentation
- on behalf of the Board this evening. Thank you.
- 16 MR. KHARATYAN: Thank you, Mr. Chair. Thank
- 17 you, Stephanie.
- 18 Submissions by the Nunavut Water Board
- 19 MR. KHARATYAN: Before starting the
- 20 presentation, I would like to thank all community
- 21 members, including community members from Chesterfield
- 22 Inlet and Baker Lake, for coming to this evening's
- 23 session, so, like, the Hearing Chair mentioned many
- 24 times, we are here for the Water Licence Application
- 25 submitted by Agnico Eagle Mines for the Meliadine Gold
- 26 Project, and I'd like to make very clear that this

- 1 presentation is just about Nunavut Water Board's roles
- 2 and their responsibilities in the licencing process. A
- 3 more in-detail presentation about the project will
- 4 follow this presentation by the company.
- 5 Those are the main topics covered by this
- 6 presentation, so we will start with some background
- 7 information about Nunavut Water Board.
- 8 There are generally Water Board issues, different
- 9 types of authorizations, so we will speak about these
- 10 authorizations, Water Board's Type "A" licencing
- 11 process, scope, and we will speak a little bit about
- 12 this project, scope of the application, application
- 13 procedural history with the Water Board, Agnico Eagle
- 14 Mines and Intervenor participation in the process,
- 15 public participation, and next step for the licence,
- 16 application processing. Then you will be provided with
- 17 some contact information if you need to contact the
- 18 Water Board, any questions and comments.
- 19 So Nunavut Water Board, or NWB, is an
- 20 institutional public governance established under
- 21 Article 13 of the Nunavut Land Claims Agreement and has
- 22 responsibility and powers over the regulation and
- 23 management of freshwater in the Nunavut settlement
- 24 area.
- 25 So Water Board's main business is to provide for
- 26 the conservation and utilization for -- of waters in

- 1 Nunavut, except in national parks, and to provide
- 2 benefit from those waters to Nunavut residents and
- 3 Canadians in general.
- Water Board may issue, like I said, different type
- of authorization for water use, so the smallest
- 6 authorization, or I would say for small-project water,
- 7 the NWB generally issues approval without licence.
- 8 Then we have two types of water licences: Type "B"
- 9 Water Licence and Type "A" Water Licence. This week's,
- 10 today's and tomorrow's, public hearing is for a Type
- 11 "A" Water Licence Application submitted by Agnico Eagle
- 12 Mines Corporation -- Limited, sorry.
- So the next few slides, we show the general
- 14 process for Type "A" application, general -- Water
- 15 Board general process.
- So once the NWB receives application from
- 17 companies, the first type of processing is assessing
- 18 the information completeness, and the parties or public
- 19 is also involved with this process, so the application
- 20 is sent for public review as well, and once this
- 21 completeness check is conducted, the NWB issues notice
- 22 of application and invites party to fully review the
- 23 application.
- 24 And you may see on the left side that at any stage
- 25 of doing this review of application completeness check,
- 26 the company may be asked to provide additional

- 1 information.
- 2 So you can see that the three, four -- the four
- 3 steps of full technical-review stage, so once the
- 4 technical review by public is completed, they provide
- 5 their submission to NWB, and after the exchange of
- 6 information, if company needs to provide additional
- 7 information, they may be required to submit this
- 8 additional information to the Board.
- 9 Next step would be conducting the technical
- 10 meeting and the pre-hearing conference, and the result
- 11 of this technical meeting pre-hearing conference would
- 12 be a pre-hearing conference decision report. That may
- 13 include or that will include details about the future
- 14 public hearing related to project.
- 15 So before public hearing, again, exchanging -- the
- 16 exchange of information may be conducted between
- 17 parties, between company, and between the Board. Like
- 18 I said, the company may be required to submit, again,
- 19 additional information, and you can see that now we are
- 20 at the stage of completing public hearing. The result
- 21 of public hearing would be the Board issuing the
- 22 licence or not approving the application, so two
- 23 outcomes are possible, and at any case, the Board's
- 24 decision will be going to Minister of INAC approving
- 25 board decision or not approving board decision.
- So you were told many times that we are here for

- 1 Meliadine Gold Project for Type "A" Water Licence
- 2 Application for construction and operation of Meliadine
- 3 Gold of gold mine.
- 4 So the company, Agnico Eagle Mines Limited,
- 5 requested 15 years' water licence to use water from
- 6 Meliadine Lake, and you can see that they are
- 7 requesting the following numbers of water volume to be
- 8 used: 62,000 cubic metres per year during construction
- 9 of mine; 318,000 cubic metres per year for operation;
- 10 and 4 million cubic metres per year during the mine
- 11 closure; and they need to reflood the pits, open pits,
- 12 so they are requesting board authorization to construct
- 13 and operate the following mine-related infrastructure.
- 14 So you will see more in detail about two open
- 15 pits, one underground mine, three storage facilities,
- 16 three waste rock storage facilities, overburden storage
- 17 facility, a tailing storage facility, processing plant
- 18 or mill, explosive production and storage plant. They
- 19 plan to have landfill, landfarm, incinerator. There is
- 20 an existing all-weather access road between Rankin
- 21 Inlet and the Meliadine site currently, and they plan
- 22 to operate this all-weather access road with bypass in
- 23 Rankin Inlet. They are planning all to develop
- 24 quarries and borrow pits. They plan to operate two
- 25 fuel-site containment facilities: one in the mine site
- 26 and a much bigger site in Rankin Inlet Itivia site.

- 1 And like with any other mining project, they plan to
- 2 have accommodation buildings, maintenance, and storage
- 3 areas.
- 4 The company also requests authorization to have
- 5 the following water-management infrastructure to manage
- 6 the water: water collection ponds, retention dykes,
- 7 diversion channels and culverts, diffuser. They plan
- 8 to have a drinking water treatment plant, surface and
- 9 underground water treatment plant, and sewage treatment
- 10 plant.
- 11 So the next few slides will cover the procedural
- 12 history of the application before the Board.
- 13 So NWB received this application in May 2015, so
- 14 you see that it's not one, two, or one, two-month
- 15 process or days. It takes time.
- 16 The application first was distributed beginning
- 17 June for completeness check, so in the end of July
- 18 2015, comments were received by NWB from Environment
- 19 and Climate Change Canada, ECC [sic]; Indigenous and
- 20 Northern Affairs Canada, INAC; and Kivallig Inuit
- 21 Association, KIA. So company provided responses in the
- 22 end of July related to completeness check of
- 23 application.
- So in the end of August, the NWB distributed full
- 25 application and invited parties to provide the full
- 26 technical comments, review the application, and provide

- 1 full technical comments.
- So on October 5th, NWB received technical review
- 3 comments from ECCC, INAC, and Kivalliq Inuit
- 4 Association. So on October 6th, NWB confirmed dates,
- 5 and the dates of technical meeting, pre-hearing
- 6 conference, and distributed the agenda for the
- 7 technical meeting.
- 8 So October 9 to 13, NWB, again, received company's
- 9 responses to technical comments, and on October 14, 15,
- 10 the NWB -- the Staff conducted the technical meeting
- 11 and pre-hearing conference in Rankin Inlet again.
- November 10, the Board issued technical meeting,
- 13 pre-hearing conference decision. That included also
- 14 date of public hearing as February 10 and 11.
- 15 In between December 16 and 24th, we received
- 16 submissions from ECC, INAC, and KIA.
- 17 On January 8th, the company provided final
- 18 submissions for this public hearing, and between
- 19 January 21st and 29th, we did receive public hearing
- 20 presentations from parties, again from ECCC and INAC,
- 21 KIA, and company.
- 22 And beginning February, February 2nd, the Board
- 23 distributed the hearing, public hearing, agenda for
- 24 parties' review.
- 25 So to update, the Board is in receipt of some
- 26 pre-licencing requirements or decisions. One was made

- 1 by Nunavut Planning Commission in June 2011. They
- 2 stated that the project conforms to Keewatin Regional
- 3 Land Use Plan, and the second decision was made by
- 4 Nunavut Impact Review Board in February, February 26,
- 5 2015. The Nunavut Impact Review Board completed a
- 6 review of socioeconomic and ecosystemic effects of
- 7 project into alignment (phonetic) and issued NIRB
- 8 project certificate that contains some recommendation.
- 9 The number is 006.
- 10 So at this stage, Water Board's -- Water Board
- 11 would like to appreciate all the Intervenors'
- 12 contribution, participation, and the company's open and
- 13 collaboration with all Intervenors and the Board, and
- 14 the Board was -- the Board recognizes and appreciates
- 15 also every other kind of agencies and generally
- 16 public's participation in the process.
- During the technical meeting pre-hearing
- 18 conference in Rankin Inlet in October, the Board
- 19 received very good feedback from community members, and
- 20 community members are still welcome to provide their
- 21 feedback, including from Chesterfield Inlet and Baker
- 22 Lake community members.
- 23 Interested persons can also contact Robin
- 24 Ikkutisluk with asking any question or asking how to
- 25 submit information, how to submit a question to Water
- 26 Board.

- 1 Like we stated many times today saying tomorrow's
- 2 public hearing is chaired by the Board Panel and led by
- 3 the Board Vice Chair, who is the Chair for this public
- 4 hearing.
- 5 So after gathering all the evidence, the Board
- 6 will make a decision in around 30, 45 days, and the
- 7 public will be provided with this information, of
- 8 course.
- 9 And here, you have some contact information for
- 10 Board Staff. Like I say, at any stage, if you need
- 11 some question [sic], you can ask the questions, and
- 12 this is the NWB's main contact information,
- 13 headquarter's information.
- 14 Yes, we also have hardcopies of application. If
- 15 you need to see some documents included with the
- 16 application, you are welcome to have a look, and this
- 17 is the end.
- 18 Thank you very much. I would be very happy to
- 19 answer to your questions.
- 20 THE CHAIR: Thank you, Karen.
- 21 Any questions or comments from the public?
- 22 Any questions from Applicant?
- 23 MR. ROBERT: Thank you, Mr. Chair.
- 24 Stephane Robert from Agnico Eagle. I have no
- 25 questions. Thank you.
- 26 THE CHAIR: Is there any questions from

- 1 KIA?
- 2 MR. MANZO: Thank you, Mr. Chairman.
- 3 Kivalliq Inuit Association, Luis Manzo. No questions
- 4 at this time.
- 5 THE CHAIR: Any questions from INAC?
- 6 MS. COSTELLO: Good evening, Mr. Chair.
- 7 Karen Costello from Indigenous and Northern Affairs
- 8 Canada. We have no questions. Thank you.
- 9 THE CHAIR: Thank you.
- 10 Any questions from Environment and Climate Change
- 11 Canada?
- 12 MS. PINTO: Melissa Pinto with Environment
- 13 and Climate Change Canada. We have no questions.
- 14 Thank you, Mr. Chair.
- 15 THE CHAIR: Thank you.
- 16 Any questions from Panel members? Thank you.
- 17 Now I'd like to call the Applicant to do a
- 18 presentation.
- 19 You may go ahead, Applicant.
- 20 MR. ROBERT: Thank you, Mr. Chair.
- 21 Stephane Robert from Agnico Eagle.
- 22 ^ Submissions by Agnico Eagle Mines Ltd.
- 23 MR. ROBERT: So thank you to be here
- 24 tonight. We'll try to do a short presentation. So
- 25 we'll discuss about the project overview, project
- 26 application, mitigation management and monitoring plan,

- 1 and closure and reclamation.
- 2 So, first, Rankin Inlet is located here, and 30
- 3 kilometres from the community, that is the project
- 4 passing by the road.
- 5 The Meliadine Gold Project have five known gold
- 6 deposits. We have Tiriganiag, we have F Zone, Pump,
- 7 Wesmeg, and Discovery, and we can see here on the map
- 8 the five gold deposits. So Agnico Eagle proposed to
- 9 develop the deposits in a phased approach to better
- 10 manage the initial capital investment and to allow
- 11 production to commence while we will continue to do
- 12 exploration on the different ore body.
- 13 We can see here, that we are located just here.
- 14 We see Meliadine Lake. Meliadine Lake will -- is
- 15 discharging into the Meliadine River, Little Meliadine,
- 16 and going into the Hudson Bay through here. So in
- 17 green, it's all the IOL, the Inuit-owned land, so all
- 18 our project is on IOL, and, so, we have to have a lease
- 19 and water compensation with the Kivalliq Inuit
- 20 Association; and the grey is all the claim that we
- 21 have, so we have 80 kilometres that we can do
- 22 exploration that we hope to find other ore body to be
- 23 here as long as we can and to mine as long as we can
- 24 here, in Rankin Inlet.
- 25 So the way that we will -- we approached this is
- 26 to go by phased approach, and the first phase that we

- 1 present here in this application is really focused on
- 2 the development of the Tiriganiaq gold deposit using
- 3 open pit and underground, so we'll have two open pits,
- 4 Tiriganiag Pit 1 and Tiriganiag Pit 2, and one
- 5 underground mine; and the Phase 2, that will have the
- 6 other deposit that will be later on that we will ask an
- 7 amendment of the water licence to include these, these
- 8 other deposits. But before that, we need to have more
- 9 exploration drilling to define more of the ore body
- 10 because -- before, to submit a defined application.
- 11 So in this application, what we have is we have
- 12 eight years of mine life, so we will have four years of
- 13 construction and eight years of acting -- active
- 14 mining. We will mine the two open pits, Tiriganiaq 1
- 15 and Tiriganiaq 2, and also all the underground here,
- and that is 650 metres down that we will go
- 17 underground.
- 18 So for the first three years, we will -- we will
- 19 bring to the mill 3,000 tonnes by day of rock that
- 20 contains gold, what we call the ore. That will go to
- 21 the mill, and that will only come from the underground.
- 22 After, in Year 4, we will go to 5,000 tonnes a day
- 23 because we will include the two pits, Tiriganiaq Pit 1
- 24 and Tiriganiaq Pit 2, and that is 5,000 tonnes by day
- 25 that will go to the mill, so we'll have 12.1 million
- 26 tonnes of ore, so the rock that contains gold, that

- 1 will be processed to retrieve the gold.
- 2 So that is what will look like the site, and we'll
- 3 go later on, on the different steps, and we can see
- 4 that it will concentrate here on Tiriganiag Pit 1, Pit
- 5 2, and we see the first ramp that we have actually, the
- 6 exploration ramp, and the exploration camp, so that is
- 7 the actual camp.
- If we have the approval of the water licence, we
- 9 will build the camp and the mill facility here in this
- 10 location, and we will build another ramp, because all
- 11 the trucks will go in one direction, and they will go
- 12 up with the ore, with the rock that contain gold, in
- 13 here to go through the mill and, after that, to
- 14 retrieve the gold in this area.
- The rock that will not contain gold, because it's
- 16 not all the rock that contains gold. The rock that
- 17 don't contain gold, that will be put in three waste
- 18 rock facilities, so that is what we call the waste
- 19 rock, is the rock that don't contain gold. It is not
- 20 waste, but is the way that we define it, because for
- 21 miner, if you don't have gold, is waste, but is rock.
- 22 And after that -- and the other thing is that
- 23 after that, we will retrieve the gold, and that, to
- 24 retrieve the gold, we need to use a chemical, a
- 25 chemical, a hazardous material, a cyanide, and that
- 26 will dissolve the gold in the rock, and after that,

- 1 we'll be able to retrieve the gold, and all the rest
- 2 that don't contain gold will go -- is the tailings, and
- 3 that will go in the tailing storage facility in that
- 4 area.
- 5 So the project application, what we submit is for
- 6 the construction, the operation, the maintenance of the
- 7 site infrastructure, mining two open pits, and
- 8 underground, that Tiriganiaq deposit, a milling using
- 9 conventional gold milling circuit (phonetic). We'll
- 10 need to use freshwater from the Meliadine Lake, and we
- 11 will use 62,000 cubic metres of water by year for the
- 12 construction phase, and during operation, we'll use --
- 13 we'll need to use 318,000 cubic metres by year of
- 14 freshwater.
- Also, we'll need to put all the rock that don't
- 16 contain gold in the waste rock storage facility, so
- 17 we'll have 31.8 million tonnes of this rock, and also
- 18 all the soil, that is where we have the open pit, has
- 19 to be removed, so that is what we call the overburden,
- 20 and that will have 7.4 million tonnes of this
- 21 overburden to store with this waste rock facility.
- 22 So all the water, the contact water, that we will
- 23 collect in this area we will have to treat it and,
- 24 after that, discharge it into Meliadine Lake. Also, we
- 25 need to bring some material for the year, some fuel.
- 26 We'll need 50 millions litres of fuel and also a lot of

- 1 -- around 40,000 tonnes of material by year. That will
- 2 arrive at Itivia Port.
- 3 So, actually, the Meliadine Project schedule, that
- 4 is the schedule that if we receive the first -- the
- 5 approval of the Nunavut Water Board to go ahead with
- 6 this project, and also if we receive the Nun -- the AEM
- 7 board approval, so that, if we have that this year, we
- 8 will start the construction in 2016, this summer, until
- 9 2019, and to start the operation in 2019 until 2026.
- 10 Closure will be after that during a three-year
- 11 period, and, after that, it will be the post-closure,
- 12 the monitoring to make sure that everything -- that we
- 13 respect all the creek area to discharge to the
- 14 environment.
- But, for sure, our objective for AEM, for Agnico
- 16 Eagle, is to continue to mine as long as possible, and
- 17 we think that we will continue to find other stores and
- 18 more gold in this area, so we need to have a lot of
- 19 infrastructure for that. We need to have
- 20 infrastructure for the water use management, all the
- 21 collection ditch, the collection pond, some dykes and
- 22 berms, some water treatment plant, a diffuser. Also we
- 23 need to have infrastructure for the management of the
- 24 waste, the landfill.
- The landfill will be not a landfill like Rankin
- 26 Inlet, but will be a landfill with only dry materials,

- 1 so what I mean by "dry" is cardboard, is wood, is
- 2 steel, is plastic. Nothing that touch food will go to
- 3 the landfill. Everything that touch food will go in
- 4 this incinerator, so everything will go there in the
- 5 incinerator. Same thing as Meliadine -- as Meadowbank,
- 6 sorry.
- 7 So if we have some contaminated sole -- soil,
- 8 sorry, it will go in the landfarm. All the sewage
- 9 water will go in the sewage treatment plant. We will
- 10 have waste rock storage facility, tailing storage
- 11 facility, and mine water and disposal.
- 12 So at Itivia, like I said, we need to have
- 13 tankfarm, so first what we will need is two tanks, so
- 14 in the application, we have, in fact, three tanks, but
- 15 we just show two in this, in this drawing, so -- but
- 16 we'll need 37-million litres of fuel: a first tank of
- 17 13.5-million litres of fuel, another tank of 20-million
- 18 litres of fuel, and later on in the project will be
- 19 another tank of 4-million litres just here.
- Also, we will need to have a lot of sea cans,
- 21 because we need to bring material for one year of
- 22 operation, so a lot of materials are needed to be able
- 23 to -- to have the mine running for one year of
- 24 operation. So, here, you can see Itivia, the Itivia
- 25 road, the military base, and the airstrip is just
- 26 finalized, is just stopping here in this area.

- 1 Also, we don't want to pass into the hamlet, so we
- 2 will build a bypass road that will pass, will bypass
- 3 the hamlet, to make sure that all the trucks that have
- 4 to go to the site will not pass by the hamlet, but will
- 5 pass on the other side of the airstrip.
- 6 So I will go fast on that, but that is the step
- 7 every year of what we will need to build and how the
- 8 site will look like. So this year, what we start to
- 9 build is, first, that is the exploration ramp that is
- 10 already there, and what we start to build is a road to
- 11 go to the main camp facility, and we start to build a
- 12 pad, and we put some piling for next year, in 2016, to
- 13 start some building foundation.
- So in 2016, if we have the approval of Nunavut
- 15 Water Board and the approval of Agnico Eagle, we will
- 16 continue the pad. We will start to build the camp
- 17 facility, and, also, we will start to build our water
- 18 management system, so we'll need to have some berms to
- 19 do our first collection pond, what we call CP-1, so all
- 20 the water from the site will go in CP-1, and we will
- 21 have a water treatment plant before discharging to
- 22 Meliadine Lake, so all the water will be treated
- 23 before, to be discharged to the Meliadine Lake.
- 24 So we can see 2017, 2018, 2019, and that 2019, we
- 25 will start to see the operation will start, and now we
- 26 will produce some, what we call, tailings, so the

- 1 tailings is we have the rock that contains gold. This
- 2 rock will be crushed very, very fine, and after this
- 3 rock will be crushed very fine, we'll put some -- some
- 4 cyanide to dissolve the gold, and after that, we will
- 5 destroy the cyanide, and after that, this material that
- 6 is very fine like beach sand, very, very fine, we will
- 7 remove the water, and after that we remove the water,
- 8 we will have like soil. It will be, like, 85-percent
- 9 solid. It will not be like Meadowbank. It will be
- 10 85-percent solid. We'll put that in a truck, and we
- 11 will just bring the truck to the tailing storage
- 12 facility, is what we call that, a "dry stack", because
- 13 it will not be wet, and this will be put in a different
- 14 cell, so we will have three cells for this application,
- 15 and I always say that is like three -- three piece of
- 16 Caramilk bar. I like chocolate. It's for that.
- 17 So all the water from this area, so if we have
- 18 seepage, will go in this collection pond, and this
- 19 water will be sent into CP-1.
- 20 Same thing with the waste rock. The waste rock is
- 21 the rock that don't contain gold. This will be sent
- 22 into this waste rock storage facility, and all the
- 23 water that will -- that will drain into this area will
- 24 go into this collection pond and also be sent to CP-1.
- 25 So we will start to strip for the open pit, and
- 26 all the overburden, the solid that is on top of the

- 1 rock, will have to be put in the waste rock storage
- 2 facility, and some of that will be put in overburden
- 3 stockpile to be used at the end to cover all the
- 4 tailing storage facility.
- We can see we'll have a second waste rock storage
- 6 facility in this area and a third one that will be in
- 7 this area, so we'll have three waste rock storage
- 8 facilities, the tailing storage facility here, the two
- 9 open pits, and the underground that will be in this
- 10 area.
- 11 So at the end, the tailing storage facility will
- 12 be all that, the pit, and in Year 8, when we will
- 13 finish, we'll start to put some water from the
- 14 Meliadine Lake into these two pits that these pits can
- 15 be lake again, so we will make these two pits as a
- 16 lake, and we'll see in the closure plan, and when this
- 17 water will be good quality, it will be open to drain
- 18 into the natural environment after.
- 19 So we have different monitoring plans, management
- 20 plan that we present in the Type "A" Water Licence
- 21 Application that cover all the water management, the
- 22 waste management, and the operational management. We
- 23 have also everything that covered the monitoring and
- 24 the closure. That is really a big component of all
- 25 that.
- So our philosophy is AEM is committed to operating

- 1 in a safe, socially, and environmentally responsible
- 2 manner in accordance with the terms and conditions that
- 3 the Nunavut Water Board will give us in the Type "A"
- 4 Water Licence. If they give us a Type "A" Water
- 5 Licence, and for that, what is really important is to
- 6 collect -- is to manage and reuse of the -- of this
- 7 water, collection use and management of the waste, and,
- 8 also, make sure that we -- all the discharge to the
- 9 environment will comply with all the limits imposed by
- 10 the Type "A" Water Licence and all the other
- 11 regulation.
- 12 So for the monitoring, we have different
- 13 monitoring points, some for the regulated monitoring,
- 14 so the discharge directly to the environment, some are
- 15 verification monitoring that are including in ore site,
- 16 and the Aquatic Effect Monitoring Program. Also, we
- 17 have what we call a quality assurance and quality
- 18 control plan, is to make sure the way that we monitor
- 19 will follow really procedure, the good method, and the
- 20 good equipment to make sure that this monitoring
- 21 representing the right, that these data are good data.
- 22 So we have these different points. So, like, all
- 23 the discharge from this area will be sent by a pipe
- 24 through this area in a diffuser, so all this. And why
- 25 we go here, it's a long way, because it is the best
- 26 place to make sure that we will have a good diffusion,

- 1 and that at 100 metres of the discharge point, we will
- 2 meet the same water quality of the lake, so that is why
- 3 we go in this area just here.
- 4 So during construction, you can see all the
- 5 different monitoring points that we will do. During
- 6 operation, the same thing. We will have different
- 7 monitoring points to make sure that we respect all our
- 8 conditions in the Type "A" Water Licence and the other
- 9 regulations, and also during closure and post-closure,
- 10 we will continue to monitor all these points to make
- 11 sure that we respect all the limits and all the
- 12 regulations.
- 13 Also, another component very important is what we
- 14 call the Aquatic Effect Monitoring Program. So to make
- 15 sure that we don't have any contaminate that will go
- 16 over this area where we have the diffuser, we have
- 17 other points in other areas of the lake to make sure
- 18 that we monitor that we don't have any effect about
- 19 that we contaminate the lake, so all these points will
- 20 be -- will be done every year to make sure that we
- 21 don't have any effect on Meliadine Lake.
- 22 On the closure and reclamation, so at the end, we
- 23 will remove all the building, all the infrastructure.
- 24 We will only have the tailing and the three waste rock
- 25 that will stay, and the pits, the two pits, will be
- 26 reflood, and when the water will be good quality, the

- 1 -- the water will be able to discharge into the
- 2 environment.
- 3 So the reclamation and closure plan, we'll have a
- 4 preliminary closure and reclamation plan, and we will
- 5 do some progressive closure with the tailings during
- 6 all the operation, so the closure will be for three
- 7 years, and also with that, a security assessment that
- 8 was agreed with INAC and KIA.
- 9 So, in summary, we will have a progressive
- 10 reclamation stage in Year 8 through Year -- Year 1
- 11 through Year 8. The closure stage, that will be for
- 12 only three years, and after that, the post-closure to
- 13 make sure that everything we done in closure will
- 14 respect the limits and -- and until that everything is
- 15 approved by the KIA, INAC, and other regulators.
- 16 So, Mr. Chair, that's conclude my presentation.
- 17 If you have any question, I will be glad to answer any
- 18 question. Thank you.
- 19 THE CHAIR: Thank you, Applicants, for
- 20 your presentation.
- Is there any questions or comments from the
- 22 public? I see no hands.
- So is there a question or comments from KIA?
- Go ahead from the public.
- 25 ^ Questions to Agnico Eagle Mines by the Public
- 26 MS. KADJUK: Pauline Kadjuk from

- 1 Chesterfield Inlet. I just wanted to comment on this.
- The mining company, I probably don't understand
- 3 everything because once the discussion goes longer and
- 4 longer, I seem to lose track, but I wanted to ask, the
- 5 mining company employees are local people, so which the
- 6 mining company or the Inuit would be working, because
- 7 we know today that there are many unemployed people in
- 8 the Inuit communities, and they have to resort to
- 9 assistance from the Federal or Government of Nunavut,
- 10 and I wanted to ask would you have Inuit employees in
- 11 your company? That's what I wanted to clarify. Thank
- 12 you.
- 13 THE CHAIR: Thank you for the question.
- 14 Applicant.
- 15 MR. ROBERT: Stephane Robert from Agnico
- 16 Eagle.
- 17 Thank you for your question. For us, it's really
- 18 important to have Inuit employees. If we took
- 19 Meadowbank, actually, we have 34 percent of our
- 20 workforce that are Inuit, so we have 260 employees that
- 21 are Inuit. The goal at Meliadine will be to achieve
- 22 more than that. What we engage in with the KIA is to
- 23 try to reach 50 percent of Inuit employees, and that
- 24 we'll work with the KIA to reach this goal, and that is
- 25 what we -- we commit to try to achieve during the
- 26 operation of Meliadine. Thank you.

- 1 THE CHAIR: Thank you.
- 2 More comments from public? Eva?
- 3 MS. ELYTOOK: I'm Eva Elytook from Baker
- 4 Lake. My question is the fish, will there be any
- 5 impact to the fish at Meliadine? Also, the river, the
- 6 fish run up the river and to go spawn in the lakes.
- 7 Will there be effects to the fisheries? Thank you.
- 8 THE CHAIR: Applicant.
- 9 MR. ROBERT: Stephane Robert from Agnico
- 10 Eagle.
- 11 Thank you for your question. So the fish are an
- 12 important part of our monitoring, so what we did is we
- 13 did baseline to see what is the health of the fish in
- 14 Meliadine Lake around that, and every three years, with
- 15 the Metal Mining Effluent Regulation, we have a program
- 16 to collect some fish and to see the health of the fish,
- 17 so that will be part of the program to make sure, and
- 18 also one of the first thing is the water quality, so
- 19 that, with our program, will make sure that the water
- 20 quality don't change with time, and that will be done
- 21 every year, will be reviewed by all the regulators
- 22 every year, and will make sure that is -- but also
- 23 we'll have, with the MM -- the Metal Mining Effluent
- 24 Regulation, we have a program every three years that we
- 25 will -- we have to look at the fish and make sure that
- 26 they don't have any -- we don't see any effect on the

- 1 fish. Thank you.
- 2 THE CHAIR: Thank you.
- 3 MS. ELYTOOK: If there's proper management
- 4 and monitoring that will be done -- I apologize. My
- 5 name is Eva Elytook from Baker Lake.
- If this is going to be properly monitored, the
- 7 fish I'm speaking of, Baker Lake community, we've
- 8 already been impacted by the Meadowbank mine, and now
- 9 we're looking at Meliadine mine, after Meadowbank was
- in place, and we have already been affected, and there
- 11 are effects even -- even to the surrounding Baker Lake
- 12 community, and there are different things that are
- 13 affected. For example, the caribou that used to
- 14 migrate right through close to our community, that has
- 15 changed. As I indicated, we have been affected
- 16 already. I'm wondering and worried about the fish.
- I know that you've indicated that there will be
- 18 proper monitoring and testing and so on. At the
- 19 community of Rankin Inlet, for example, there are many
- 20 locals that use fishnets, gill nets, to catch their
- 21 fish, and if you're going to monitor this properly, you
- 22 would have to include some tests, perhaps, around -- in
- 23 and around the community of Rankin Inlet, not only the
- 24 fishery, but sea mammals as well, such as seals.
- 25 I indicated I was -- I'm from Baker Lake, but my
- 26 late father was raised in this area, and he passed on

- 1 all the information to his children, and he's walked
- 2 this area. I greatly value and respect the land that
- 3 he once trotted.
- 4 Even Baker Lake has been affected. Again, as I
- 5 indicated, the migration patterns of caribou has
- 6 changed, a different group of caribou have -- are
- 7 starting to come closer from the east of the Baker Lake
- 8 community, and the seals and the fish, I'm afraid that
- 9 they'll be depleted or decreased in the area because
- 10 there's so much development going on.
- 11 This water is very, very important to the human
- 12 body, and I would like to see it treated and monitored
- 13 very carefully. For example, we, from Baker Lake, our
- 14 lake, we don't get our water directly from close to the
- 15 community where the buildings are because we're afraid
- 16 that there will be contaminants; and, likewise, I
- 17 believe that the community of Rankin Inlet has the same
- 18 worries and issues and concerns, and I would like to
- 19 see that the waters be treated with respect and
- 20 monitored very carefully. Thank you.
- 21 THE CHAIR: Respond to the question.
- 22 MR. ROBERT: Stephane Robert from Agnico
- 23 Eagle.
- 24 Thank you very, very much, and one of the things
- 25 that is really important for AEM is to make sure that
- 26 we don't contaminate the water and the fish, and that

- 1 is the monitoring that we will do and also that what
- 2 will be inspect by KIA, by other regulatory that is
- 3 done currently.
- 4 On the Type "A" Water Licence, it's really about
- 5 water and waste, but during the Nunavut Impact Review
- 6 Board, the Environmental Impact Assessment, that we
- 7 have condition to monitor wildlife, so we have
- 8 conditions to monitor all the caribou. We have a
- 9 condition to -- for shipping. We have condition about
- 10 air sampling. We have condition about noise. So all
- 11 that are include in the other permit with the Nunavut
- 12 Impact Review Board, and this project certificate have
- 13 127 condition that we have to comply, so this -- this
- 14 water -- this Type "A" Water Licence is really related
- 15 to water and is why we -- you don't see all the monitor
- 16 -- monitoring that we will do to protect not only the
- 17 water, but also the wildlife around the Meliadine area.
- 18 Thank you.
- 19 THE CHAIR: Thank you.
- 20 Any more questions from public? I didn't see
- 21 hands.
- 22 So KIA, do you have any questions?
- 23 MR. MANZO: Thank you, Mr. Chairman , Luis
- 24 Manzo, Kivalliq Inuit Association. We don't have no
- 25 questions at this time.
- 26 THE CHAIR: Thank you.

- 1 INAC, you got any questions?
- 2 MS. COSTELLO: Thank you, Mr. Chair. Karen
- 3 Costello for Indigenous and Northern Affairs Canada.
- 4 We have no questions at this time.
- 5 THE CHAIR: Thank you.
- 6 Environment and Climate Change Canada?
- 7 MS. PINTO: Thank you, Mr. Chair. Melissa
- 8 Pinto with Environment and Climate Change Canada. We
- 9 have no questions. Thank you.
- 10 THE CHAIR: Thank you.
- 11 Any questions from the Water Board Staff?
- 12 MR. KHARATYAN: Thank you, Mr. Chair. Karen
- 13 Kharatyan, NWB. No questions at this time.
- 14 THE CHAIR: Thank you.
- Any questions from Panel members?
- 16 Questions to Agnico Eagle Mines Ltd. by the Panel
- 17 Members
- 18 THE CHAIR: Colin.
- 19 MR. ADJUN: Thank you, Mr. Chair.
- 20 Just a question that -- the lady from -- that was
- 21 asking about fish. What would the company do if
- 22 something found in those lakes contaminated fish, what
- 23 would the mining company do? Stop or what? What would
- 24 happen? Continue or, for example, if the fish was
- 25 contaminated or something or the lake?
- 26 MR. ROBERT: Stephane Robert from Agnico

- 1 Eagle.
- 2 Thank you for the question. That is really a good
- 3 question, because before to -- to go to the fish, we
- 4 will see in the water, so that, the water, is really
- 5 the first -- the first parameter that we'll see,
- 6 because first it will go to the water, after that will
- 7 go to all the small organisms, and after that will go
- 8 into the fish, so the first thing that we do is the
- 9 water, and that, the water program, the Aquatic Effect
- 10 Monitoring, is really important and is why we have,
- 11 into this program at different location, to see do we
- 12 see some contaminant in the water?
- If we start to see something that changing, now we
- 14 will have mitigation plan to try to change what we're
- 15 doing and one -- the worse can happen is that we stop,
- 16 but we will be able to do things before if we see that
- 17 this coming from, for example, dust. We will put more
- 18 dust suppression. We will do things to reduce dust.
- 19 If we think that is coming from the discharge because
- 20 the limit is too high because -- because we think that
- 21 we have too much, we will decrease this contaminant, so
- 22 all this kind of thing will be done before that this
- 23 will contaminate the fish, so the first thing is really
- 24 the water, and after that, because -- because to
- 25 contaminate the water is have to be in the -- to
- 26 contaminate the fish is have to be in the water, so

- 1 that is really the big things of all this program, is
- 2 not to contaminate the fish, and is why we do that
- 3 every year in different time of the year to make sure
- 4 that we are not contaminating the fish. Thank you.
- 5 MR. ADJUN: Thank you, Mr. Chair.
- 6 THE CHAIR: Thank you.
- 7 So, okay. Thank you, Applicant, for your
- 8 presentation.
- 9 Now, I'd like to ask Intervenors, the first
- 10 Intervenor. I'd like to ask KIA if you have any
- 11 presentation to make for tonight's public meeting?
- 12 Submissions by the Kivalliq Inuit Association
- 13 MR. MANZO: Thank you, Mr. Chairman. Luis
- 14 Manzo, Kivalliq Inuit Association. On my right, I have
- 15 the Environmental Commission for the Land Department
- 16 Craig Barsall. We are making a presentation for the
- 17 community, for the public.
- Our review was comprised of 27 separate
- 19 information requests and technical comments. We have
- 20 commitments -- we have communicated with AEM over the
- 21 seven months clarifying issues and reaching resolutions
- 22 almost on all of the issues. All resolutions are
- 23 documented in the public records, in our technical
- 24 submissions. Through a list of technical commitments
- 25 AEM has made an improvement on the project. These
- 26 commitments are the results of our discussions with the

- 1 -- with them and are recorded by the -- and are in the
- 2 records of the Nunavut Water Board.
- 3 Our technical comments addressed issues regarding
- 4 saline and fresh discharge to the receiving
- 5 environment, modelling, waste management, dust
- 6 management, and environmental monitoring.
- 7 Before this public hearings, 22 of our issues has
- 8 been fully resolved. Three issues, additional issues,
- 9 were resolved pending after the pre-hearing conference
- 10 and were resolved before these hearings. We have
- 11 resolved finally the last two issues with AEM before
- 12 these hearings.
- 13 This presentations accompanies our submission to
- 14 the Nunavut Water Board on December 17, 2015,
- 15 R151217-J150077 Meliadine WLA Public Hearings Technical
- 16 Submission. That submission documents our concerns and
- 17 resolutions as of the submission date.
- Our review is guided by the Nunavut Water Board
- 19 water quality framework: protect, manage, and regulate
- 20 freshwaters in Nunavut in manners that will provide the
- 21 optimum benefit for residents of the territory and, in
- 22 particular, for Canadians in general.
- 23 Also, the Nunavut Land Claims Agreement mandate
- 24 KIA to protect Kivalliq Inuit Association -- to protect
- 25 Inuit rights and minimize the changes to the
- 26 environment.

- 1 Overview of concerns.
- 2 KIA concerns 04, 06, 11, 19, 22, and 23.
- 3 Freshwater quality in the collection ponds at closure,
- 4 use of Inuit Qaujimajatuqangit to monitor the
- 5 freshwater environments, contact water at Itivia
- 6 Harbour, discharges from Meliadine sewage treatment
- 7 plant, adequate treatment of processed water before
- 8 discharge.
- 9 The status of those issues. AEM has agreed has
- 10 agreed to update the standards for freshwater in the
- 11 collection ponds after the mine has closed, work with
- 12 the KIA to incorporate Inuit Qaujimajatuqangit into
- 13 monitoring and determining the significance of
- 14 observational changes, continue to use established
- 15 standards when dealing with contact water at Itivia,
- 16 treat/process the contact water as needed to ensure it
- 17 is safe for discharge into the Meliadine Lake.
- 18 Saline water. Concerns, KIA 05. Operations at
- 19 Meliadine will come into contact with saline water
- 20 below the permafrost. There is currently no long-term
- 21 plan to safely dispose of the saline groundwater.
- 22 The status. The KIA have required that a saline
- 23 water management plan is developed prior to any
- 24 discharge to the environment. Environment Canada will
- 25 need to provide AEM with timely guidance based on the
- 26 Metal Mining Regulations Effluent -- the Metal Mining

- 1 Effluent Regulations so that the project can safely
- 2 proceed as scheduled.
- Modelling. KIA Concerns 03, 09, 14, and 24. The
- 4 presented water balance did not account for a range of
- 5 potential environmental conditions. There was
- 6 uncertainty in the model predicting con -- predicting
- 7 concentrations of the effluent in the Meliadine Lake
- 8 and how that effluent will mix in the receiving
- 9 environment. AEM's assessment of water quality in the
- 10 collection ponds after the mine has closed needed
- 11 further details.
- 12 The status. AEM has presented water balances
- 13 under additional scenarios: extreme wet and extreme
- 14 dry. AEM has provided more information on effluent-
- 15 model inputs and conducted additional modelling under
- 16 alternate scenarios demonstrating effluent diffused to
- 17 Meliadine Lake will meet water-quality guidelines for
- 18 safety. AEM will revisit the water-quality predictions
- 19 for closure as more data is generated at the site.
- 20 Information available at this time does not indicate a
- 21 significant concern for the environment.
- 22 Waste management, KIA-WL-01, 02, 13, 21, and 27.
- 23 AEM will only use overburden at closure to cap the
- 24 tailings storage facility. Overburden contains natural
- 25 sources of vegetation that could also be used to
- 26 vegetate the site's closure. There was uncertainty in

- 1 the application as to when re-vegetation of the sites
- 2 could be expected after closure; concerns regarding the
- 3 timelines for progressive reclamation of the tailings
- 4 storage facility; biodegradation of contaminated soil
- 5 in the landfarm may not proceed fast enough to ensure
- 6 no residual effects of the project.
- 7 Status. AEM has investigated additional means to
- 8 store and use overburden to restore the mine site. The
- 9 risk associated with additional storage outweigh the
- 10 benefit of using overburden at closure. Studies are
- 11 being undertaken to collaborate -- in collaboration
- 12 with the University of Saskatchewan to assess
- 13 re-vegetation and potential timelines at the site. AEM
- 14 provided further information generating biodegradation
- 15 rates and potential soil amendments options. Soil
- 16 amendments refers to adding nutrients to increase the
- 17 rate of degradation.
- 18 Dust management, KIA-WL-17, 18, 20, 25, and 26.
- 19 AEM is now dry-stacking tailings. This reduces the
- 20 impact to water but has potential to generate more
- 21 dust. More detail is required on the dust-monitoring
- 22 program. Dust from the ore pile may not be adequately
- 23 managed at closure. AEM is currently intending to use
- 24 saline groundwater as a dust suppressant along the
- 25 roads. Dust from the -- dust from the bypass road near
- 26 the hamlet may reach Nipissar Lake.

- 1 Status. AEM has committed to provide monitor --
- 2 dust monitoring before any disposal of tailings.
- 3 Criteria triggering dust management at closure will be
- 4 provided for KIA to review. AEM committed to apply to
- 5 the Government of Nunavut to permit saline groundwater
- from the Meliadine site as a dust suppressant.
- 7 Alternative bypass routes are being explored to
- 8 safeguard Nipissar Lake.
- 9 Environmental monitoring, KIA-WL-07, 08, 10, 12,
- 10 15, and 16. Insufficient monitoring locations were
- 11 proposed for effluent discharge to Meliadine Lake near
- 12 the diffuser. No monitoring locations were proposed
- 13 near Itivia Harbour. Uncertainty existed in the
- 14 quality-control procedures and for the environmental
- 15 monitoring and analytical standards. The fish tissue
- 16 baseline has not been updated. Some water-quality
- 17 monitoring locations were not part of the adaptive
- 18 management framework.
- 19 Status. AEM has committed to confirm shape of the
- 20 effluent plume in an acceptable response framework, if
- 21 the plume behaves differently than expected. AEM is
- 22 exploring monitoring locations near Itivia Harbour to
- 23 characterize project-related impacts. AEM has included
- 24 additional detail in the quality assurance and quality
- 25 control response framework. AEM is working with the
- 26 KIA to ensure the analysis of water quality is

- 1 sensitive enough to detect changes in the environment.
- 2 AEM has collected more fish-tissue samples and will
- 3 update the baseline. Sample locations of concerns have
- 4 now been included in the adaptive management framework.
- 5 In regard to the security, Kivalliq Inuit
- 6 Association and Northern Affairs Canada have been --
- 7 have agreed in the cost estimate of \$49 million for
- 8 closure and for reclamation of the site, and that issue
- 9 will be discussed in detail tomorrow.
- 10 In that regard, Kivalliq Inuit Association
- 11 mandated by the Nunavut Water Board, during the
- 12 Meadowbank Licence, was mandated to work with
- 13 Environment Canada to avoid overbonding, so KIA has
- 14 been working for the last 10 years in a 50/50
- 15 agreement, and we about -- hoping to reach an
- 16 agreement, and tomorrow, you will be briefed in regard
- 17 to that particular agreement.
- 18 The intent of the Kivalliq Inuit Association will
- 19 hold 50 percent of the total amount of security and
- 20 INAC will hold the other 50 percent.
- In conclusion, AEM has worked with KIA to resolve
- 22 all the concerns, and we hope to be in agreement on all
- 23 issues at the conclusion of the public hearings, or if
- 24 not, to provide the NWB with evidence to support the
- 25 KIA.
- Thank you, Mr. Chairman.

- 1 THE CHAIR: Thank you for the presentation
- 2 from KIA.
- Now open to questions or comments. Can I ask the
- 4 public if there are any questions or comments from
- 5 public?
- I didn't see hands, so can I ask the Applicant
- 7 whether you have questions or comments to the KIA
- 8 presentation?
- 9 MR. ROBERT: Sorry, Mr. Chair. Stephane
- 10 Robert from AEM. We don't have any questions. Thank
- 11 you.
- 12 THE CHAIR: Thank you.
- 13 INAC?
- 14 MS. COSTELLO: Thank you, Mr. Chair. Karen
- 15 Costello for Indigenous and Northern Affairs Canada.
- 16 We have no questions of the Kivalliq Inuit Association.
- 17 Thank you.
- 18 THE CHAIR: Thank you.
- 19 ECCC -- sorry. Almost.
- 20 MS. PINTO: Thank you, Mr. Chair. Melissa
- 21 Pinto with Environment and Climate Change Canada. We
- 22 have no questions. Thank you.
- 23 THE CHAIR: Thank you.
- 24 Nunavut Water Board Staff?
- 25 MR. KHARATYAN: Thank you, Mr. Chair. Karen
- 26 Kharatyan, Water Board. No questions at this time.

- 1 THE CHAIR: Water Board Panel members?
- Okay. I didn't see a hand, so let's take a break
- 3 before we go on to other Intervenors' presentation, at
- 4 least ten minutes. Take a break.
- 5 (ADJOURNMENT)
- 6 THE CHAIR: The next Intervenors to have a
- 7 presentation is INAC. I suppose we need an assistant
- 8 to get this up.
- 9 Okay. You may go ahead.
- 10 Submissions by Indigenous and Northern Affairs Canada
- 11 MS. COSTELLO: Thank you, Mr. Chair. Good
- 12 evening to the members of the public behind me. My
- 13 name is Karen Costello. I'm the Director of Resource
- 14 Management with Indigenous and Northern Affairs Canada.
- 15 I'm joined by Ian Parsons with our Water Resources
- 16 Staff who is the regional coordinator on this file.
- 17 I'd like to take the opportunity to apologize in
- 18 advance for a couple of errors in this presentation.
- 19 We got the date wrong. It is 2016, and something seems
- 20 to have gone amiss with our Inuktitut translation, and
- 21 we -- instead of reading "Agnico Eagle Mines", it reads
- 22 "Meadowbank Mines", and we apologize both to those who
- 23 speak the Inuktitut language and also to Agnico Eagle.
- If I sound a bit funny, it's because I seemed to
- 25 have developed, since this afternoon, my own water-
- 26 management issues with a runny nose, so hopefully the

- 1 Kleenex will be the waste-management strategy that gets
- 2 me through.
- 3 So the Department has been involved in the review
- 4 of Agnico Eagle's Water Licence Application, and I'll
- 5 quickly tell you about our roles and responsibilities,
- 6 our contributions to the Water Licence Application
- 7 process, a very quick overview of the application, and
- 8 the issues that we identified in our review, and then a
- 9 few closing comments at the end.
- 10 Indigenous and Northern Affairs Canada, our
- 11 mandate and responsibilities stem from -- arise from
- 12 some legislation which I've shown on the slide above:
- 13 the Department of Indian Affairs and Northern
- 14 Development Act, the Nunavut Land Claims Agreement Act,
- 15 the Nunavut Waters and Nunavut Surface Rights Tribunal
- 16 Act and its regulations, and the Territorial Lands Act
- 17 and its regulations.
- 18 So the bottom line and something you may be
- 19 familiar with is that the Department administers and
- 20 enforces regulatory authorizations that relate to
- 21 Nunavut's Crown land and Nunavut's freshwater resources
- 22 and that's why the Department has participates -- has
- 23 participated in this water-licence process that's being
- 24 administered by the Board, and we also provide
- 25 technical advice and expertise for the Board's
- 26 consideration.

- 1 What's important for the public to know is that
- 2 when the Water Board issues a licence, whether it be a
- 3 Type "B" or if they issue this Type "A", is that our
- 4 staff are still involved. We conduct regular
- 5 inspections ensuring that the operator complies with
- 6 the terms and conditions of their licence. We
- 7 participate in monitoring through the collection of
- 8 water samples. We review annual reports that are
- 9 submitted to the Board. We also review monitoring
- 10 reports. All of that ensuring that there are minimal
- 11 impacts to freshwater and the operator's doing what
- 12 they're supposed to be doing in accordance with their
- 13 authorization.
- So, so far, our Department has made a number of
- 15 submissions to the Water Board as part of this
- 16 application process. In July, we gave comments on the
- 17 application and submitted some information requests, we
- 18 followed up with a technical-review memo in October, we
- 19 attended the Nunavut Water Board's technical meeting
- 20 and pre-hearing conference held here, in Rankin,
- October 14th and 15th, and in late December, we
- 22 submitted our final technical comments to the Board.
- 23 I'd just like to kind of summarize everything
- 24 right up front, that during the course of this
- 25 application process, Agnico Eagle has addressed the
- 26 Department's questions, the requests for clarifications

- 1 and recommendations. Some of these issues were
- 2 addressed via commitments during the technical-meeting
- 3 phase. We've received some new information. We've
- 4 reviewed it, and we're satisfied with it. They've also
- 5 made commitments to supply some of the other
- 6 information within the course of the licence, should
- 7 the Board issue it.
- I know there's a lot of you in the community who
- 9 are very familiar with the land, so I've included a
- 10 couple of photographs. This is -- it's from a few
- 11 years ago, but it's a photograph of the all-weather
- 12 access road, and this is when the bridge construction
- 13 was not yet complete, but you can see the general
- 14 landscape, and the bridge, of course, is right in the
- 15 middle.
- 16 A lot of our comments were focused on the water
- 17 management plan. We had recommended that Agnico
- 18 describe how it planned to manage Lakes A-9 and A-38,
- 19 and Agnico has committed to updating its water
- 20 management plan within 60 days after the issuance of a
- 21 water licence.
- 22 We had recommended that Agnico Eagle provide the
- 23 results of its hydrogeological study. That also
- 24 included the management of saline water from
- 25 underground, and Agnico has provided -- they made a
- 26 commitment to provide that report by January 31st.

- 1 They have provided it, we have reviewed it, and we're
- 2 satisfied with their response.
- Also related to water management, we had some
- 4 recommendations to Agnico that they provide detailed
- 5 designs on the retention dykes and channels that were
- 6 to be built around the site, and Agnico Eagle has
- 7 committed to providing the design plans 60 days prior
- 8 to construction.
- 9 The Department had recommended that Agnico include
- 10 some sort of contingency plan for arsenic
- 11 concentrations, and that contingency plan needs to be
- 12 part of the water management plan, and Agnico has
- 13 committed to updating their water management plan to
- 14 include adaptive management for arsenic concentrations,
- 15 if needed, within 60 days after issuance of a water
- 16 licence.
- For a lot of the community members, you're very
- 18 familiar with this land, and there are lots of shallow
- 19 lakes. One of these shallow water bodies that's being
- 20 proposed to be considered for the collection pond is
- 21 right -- there it is -- is right up here, and this is
- 22 the area that will become CP-1 that you've heard about,
- 23 and perhaps if you've gone over to the side and seen
- 24 the maps, you can see it over there, and this is the
- 25 existing underground.
- A couple further comments on the water management

- 1 plan: we had recommended that the monitoring frequency
- 2 be added to one of the tables in their report just so
- 3 that everyone was clear, and Agnico has committed to
- 4 updating its water management plan to include
- 5 monitoring frequency in that table within 60 days after
- 6 issuance of the water licence.
- 7 I'd mentioned that we're involved in water
- 8 monitoring, water-quality monitoring, and we had
- 9 recommended that results of all water-quality
- 10 monitoring for both regulatory and verification
- 11 stations be included in the annual report submissions
- 12 to the Nunavut Water Board, and Agnico has committed to
- 13 providing all data.
- 14 Moving to mine waste management. The Department
- 15 recommends that details for thermal instrumentation and
- 16 monitoring be provided within the final designs of the
- 17 tailing storage facility, and why did we ask this,
- 18 you're probably wondering? In order to have confidence
- 19 that the tailing storage facility is functioning as
- 20 intended, the Department was recommending that details
- 21 of the thermal instrumentation and monitoring be
- 22 provided for us to review, and Agnico Eagle has
- 23 committed to providing the design plans to the Board
- 24 for review 60 days prior to construction.
- 25 For some of the Elders in the community, they may
- 26 have been around when the Rankin -- the North Rankin

- 1 nickel mine was active, but probably not a lot of the
- 2 people who are my generation and younger may have been
- 3 underground, so I included this picture to show you one
- 4 of the breakrooms, kind of lunchrooms, that are
- 5 underground, and you can see that the workers have a
- 6 place with tables where they can sit and have a coffee
- 7 when they're on break working their shift underground,
- 8 and this picture was taken last September.
- 9 One of the issues that the Board addresses as part
- 10 of the Water Licence Application is reclamation closure
- 11 planning and also financial security.
- 12 Indigenous and Northern Affairs Canada, the
- 13 Kivallig Inuit Association, and Agnico Eagle have come
- 14 to an agreement on the reclamation cost estimate, and
- 15 we've agreed that 49.5 million is a reasonable estimate
- 16 at this time to implement the reclamation closure plan
- 17 that was submitted with the application. We are
- 18 working with the Kivalliq Inuit Association and Agnico
- 19 Eagle, and this has been through a number of
- 20 discussions and teleconferences, on how to manage
- 21 security. This project is 100 percent on Inuit-owned
- 22 land, but the Minister of Indigenous and Northern
- 23 Affairs Canada, she has an interest in Nunavut's
- 24 freshwater, and I touched upon that's one of the areas
- 25 of our responsibility, so we're working on that, and we
- 26 hope to be able to bring something back, some more

- 1 details, to the Board tomorrow.
- 2 So at this time, based on our review, we have no
- 3 outstanding issues with this application. We're
- 4 satisfied with the responses and the commitments
- 5 provided by Agnico Eagle to the concerns that we
- 6 brought up, and our concerns were relating to the use
- 7 of water and water quality and waste issues.
- 8 And as I mentioned about our roles and
- 9 responsibilities a few moments ago, I'd like to
- 10 reassure the public that if Agnico Eagle is successful
- in being approved for their Type "A" Water Licence, the
- 12 Department's work will not end. We will inspect
- 13 regularly for compliance with the terms and conditions
- 14 of the water licence. We will participate in water-
- 15 quality monitoring by collecting samples. We will
- 16 review annual reports, the monitoring reports, all this
- 17 to ensure that as an operator, Agnico Eagle is
- 18 complying with the terms and conditions, and letting --
- 19 and by doing our work, we're ensuring that there's also
- 20 minimal impacts to freshwater. All of our inspection
- 21 reports are filed with the Nunavut Water Board and are
- 22 available for the review of the public at any time.
- Thank you. Maatna.
- 24 THE CHAIR: Thank you for your
- 25 presentation.
- Any questions or comments from the public? Go

- 1 ahead, Eva.
- 2 Questions to Indigenous and Northern Affairs Canada by
- 3 the Public
- 4 MS. ELYTOOK: Thank you, Mr. Chairman. My
- 5 name is Eva Elytook from Baker Lake.
- 6 You mentioned that you're going to be monitoring
- 7 this at all times, and you make -- are you going to be
- 8 reporting to the community that the water quality is
- 9 good and would you be reporting and telling the
- 10 community, the community of Rankin Inlet, that the
- 11 water quality is good and that it's okay, when you
- 12 mention that you're going to be monitoring? Thank you.
- 13 THE CHAIR: Intervenors, INAC?
- 14 MS. COSTELLO: Thank you, very much,
- 15 Mr. Chair, and thank you, Eva, for that, for that
- 16 question.
- We participate. We have an MOU, Memorandum of
- 18 Understanding, with the Kivalliq Inuit Association, and
- 19 we conduct this monitoring in partnership with them.
- 20 This agreement has been in place for 10 years. We do
- 21 report. Also, our inspections are filed to the Water
- 22 Board, but if -- I think that is something we would
- 23 definitely consider, if there is a concern about
- 24 periodically coming back to the community to report
- 25 back, because we welcome any opportunity to share
- information about the work we're doing with the

- 1 community, so I would definitely think this was
- 2 something we would consider doing periodically during
- 3 the course of this licence. Thank you.
- 4 THE CHAIR: Thank you.
- 5 Any further questions, Eva?
- 6 MS. ELYTOOK: Thank you, Mr. Chairman. Yes.
- 7 KIA Hamlet are the only ones. I don't think they
- 8 should only let KIA and Hamlet know. You need to let
- 9 the people of the community know about the quality of
- 10 the water, like all the people that live near have to
- 11 know, and you need to let them know if the water is not
- 12 good, because in Baker Lake, we don't even hear any --
- 13 anything, even though they do water sampling. I know
- 14 there's sampling taking place in Baker Lake, but not --
- 15 we don't even hear. Sometimes I think -- I wonder if
- 16 our water is okay. If it's not good, I'm pretty sure
- 17 they would let us know if we're in danger of the water
- 18 in our community, but for -- for us who that -- are not
- 19 working for Hamlet or are not with KIA, just individual
- 20 residents of the community.
- 21 The reason why I'm saying this is this past
- 22 summer, my husband, he was told because of the water
- 23 condition, his body got -- was no good when the ice was
- 24 going away now. Like, he was told because of the
- 25 water, the freshwater, that we have, it was because of
- 26 that he got skin condition. He's okay now, and he's

- 1 doing good now, but I think that he's okay. Like, the
- 2 Department of Health, when they do a -- when they --
- 3 I'd like to know if you're going to be reporting to the
- 4 Department of Health, too, in regards to your --
- 5 (OTHER LANGUAGE SPOKEN)
- 6 MS. COSTELLO: Thank you very much,
- 7 Mr. Chair. Karen Costello for Indigenous and Northern
- 8 Affairs Canada.
- 9 Thank you, Eva, for telling us about your family
- 10 member's recent experience, and I'm glad to hear he's
- 11 okay.
- 12 You asked about monitoring. The company and
- operator who receives a Type "A" Licence also has to do
- 14 their own monitoring to ensure that there's no impacts.
- 15 Our staff, when they go, they conduct inspections.
- 16 They also take samples to ensure that the water quality
- 17 is acceptable. When the company collects its samples
- 18 and collects both its verification samples and its
- 19 regulatory samples, that's why we pointed out that we
- 20 wanted them to report all of their data. If there are
- 21 any -- if the sampling shows exceedances in any
- 22 criteria which cause -- which are -- these exceedances
- 23 must be reported, and if there is any issue, various
- 24 other people will also get involved, as in the
- 25 Government of Nunavut, Department of Health. Depending
- on what the exceedances, it could possibly be our

- 1 colleagues from Environment and Climate Change Canada
- 2 could be involved, but I do -- I do hear you about the
- 3 need to keep the public informed on water quality, and
- 4 I'm also hearing that you do have concerns.
- 5 Everything is posted on the Nunavut Water Board's
- 6 FTP site, and the public at all times can access that,
- 7 and if you ever had any issues, you had some difficulty
- 8 trying to access the site, we actually do have an
- 9 office in Rankin Inlet, and I'm sure our Staff would be
- 10 willing to help guide you to the site and show you
- 11 where the information was. Thank you.
- 12 THE CHAIR: Thank you, INAC.
- Eva Elytook, do you have any more?
- 14 MS. ELYTOOK: Thank you, Mr. Chairman.
- 15 Thank you for your answer. The question I raise
- 16 is because, like, at least Department of Health need to
- 17 be informed about the monitoring of the waters, how the
- 18 quality is. I don't know how because, yes, I know that
- 19 us Inuit will be informed, as a community, if the water
- 20 quality is not good anymore or if it's still good. I
- 21 don't think you need to let us be the last to hear
- 22 about these. We need to be looked at as first
- 23 priority. You need to go to the Inuit first to let
- 24 them know to give them -- I know, and I see there are
- 25 people monitoring water and ice, but we don't hear any
- 26 -- anything. Like, us people of our community, we just

- 1 don't hear. It's just the whole year passes by. We
- 2 start to think it's okay, I guess, but last year --
- 3 last year, my husband got affected by the water, and it
- 4 was all from water.
- 5 He's my only partner who I look up to, because I
- 6 don't have my parents anymore, and he's the only one
- 7 who hunts for us. I want my husband to have a healthy
- 8 life like that, so that was bothering me, because I --
- 9 it scared me because it was the water was affecting
- 10 him. Like, if the water -- I didn't know that the
- 11 water can hurt a person's body, and I really -- like, I
- 12 really want the quality of water, because we use it
- ourself and everybody uses it. Internationally, it's
- 14 used by the whole world, the water. We have to really
- 15 look after our water. Like, water is our life. Like,
- 16 we need to protect our waters.
- 17 Even if we're hungry, if we drink water, as long
- 18 as we drink water, we can survive for so many days. At
- 19 least, that's what I've heard from our Elders. As long
- 20 as we drink water, even if we are going through hunger,
- 21 we've -- we can pass the day without anything happening
- 22 to us.
- 23 And also the fish and the vegetation, the plants,
- 24 I want to know if these are being monitored, too, and
- 25 the bugs, the little -- the ground bugs are using
- 26 water, too, and make sure that the water is being

- 1 monitored, too, and I don't have much, although I have
- lots to say yet, but I'm pretty sure someone else will
- 3 be speaking. Thank you for listening to me.
- 4 THE CHAIR: Thank you.
- 5 MS. COSTELLO: Thank you, Madam, Mr. Chair.
- 6 Karen Costello for Indigenous and Northern Affairs
- 7 Canada.
- 8 I appreciate and I can hear the passion Eva has
- 9 for the concern of the freshwater, not only in her
- 10 community, but in the community for her fellow Kivalliq
- 11 residents and around Rankin. We share that interest in
- 12 ensuring that the quality of the water is such that the
- animals, the public, the people, and the whole
- 14 environment can remain healthy, and that is why we are
- one of the many people who are involved in monitoring
- 16 that water.
- Just a small reminder that drinking water for
- 18 communities is something that Public Health with the
- 19 Government of Nunavut deals with, and should there ever
- 20 be an incident where there is a contaminant that is
- 21 found in a water, which could be a community's
- 22 freshwater, people like the Public Health of -- with
- 23 the Government of Nunavut would advise if there was a
- 24 contaminant and would make sure the public is -- was
- 25 aware of that and would take necessary steps to address
- 26 that.

- But, once again, Eva, thank you for sharing your
- 2 passion and concern for water. It's one that many
- 3 people working in Nunavut also share. Thank you.
- 4 THE CHAIR: Thank you.
- 5 Any further questions from the public?
- 6 Okay. KIA, go ahead.
- 7 Submissions by the Kivalliq Inuit Association
- 8 MR. MANZO: Thank you, Mr. Chairman, for
- 9 the opportunity. I would like to address to Eva some
- 10 of the information what we done very quickly.
- 11 KIA is working generally with the -- generally
- 12 with a program funding and charts for INAC and research
- of hoping (phonetic) for 20 years, so we are in the
- 14 three-year making. In these 3 years and 10 years of
- 15 water-quality collection, we have accumulated enough
- 16 information to profile different areas in the watershed
- 17 both in Thelon and Baker Lake in the south, and just
- 18 information to the Board and to Eva, KIA have been
- 19 putting that information in the newsletters of the KIA,
- 20 of the projects, and including in training, etiology
- 21 research, sediment sampling water quality, and we are
- 22 going now to finish what we call the Project One Voice
- 23 to integrate for methods for traditional knowledge and
- 24 scientific knowledge in one body. It's been very hard
- 25 to define it.
- The first draft came into my office this week, and

- 1 this is in collaboration with industry. AEM provided a
- 2 lot of information and traditional knowledge. Ariva
- 3 (phonetic) provided also a lot of information,
- 4 scientific and traditional. The scientists for AEM,
- 5 Ariva, and INAC, and all scientists for KIA are working
- 6 very hard to put that out there, and what I noticed for
- 7 the comments is that she requires more communication to
- 8 the community, and we will do that. We got a funding
- 9 approved by AEMP to do that.
- 10 Unfortunately, those funds get better (phonetic)
- 11 late in the year, and you will hear -- you will see
- 12 those informations coming out toward the public, but
- 13 the newsletters have all the information.
- 14 And for your concerns about the drinking water in
- 15 Baker Lake, for the data we collected so far, the
- 16 quality of the water is very good in Baker Lake. We
- 17 haven't find [sic] any issues. We didn't raise any
- 18 concerns either from the point of view of mining or for
- 19 the direct drinking water associated with the water
- 20 treatment plant in Baker Lake. We're working with the
- 21 GN to put instruments to the tech -- to the
- 22 concentration of salinity in Baker Lake as well,
- 23 because the community also have concerns of those, and
- 24 this, as the next project, and very soon we'll have it,
- 25 so it's in that as well, but I don't think we're going
- 26 to find, so far, any issues in the drinking-water

- 1 supplies from Baker Lake.
- Thank you, Mr. Chairman, for those minutes.
- 3 THE CHAIR: Thank you.
- 4 Any further questions from public?
- I don't see hands, so any questions from
- 6 Applicant?
- 7 MR. ROBERT: Stephane Robert from Agnico
- 8 Eagle. No, we don't have any comments at this time.
- 9 Thank you.
- 10 THE CHAIR: Thank you.
- 11 Any questions from ECCC?
- 12 MS. PINTO: Thank you, Mr. Chair. Melissa
- 13 Pinto with Environment and Climate Change Canada. We
- 14 have no questions. Thank you.
- 15 THE CHAIR: Thank you.
- 16 Any questions from Water Board Staff?
- 17 MR. KHARATYAN: Thank you, Mr. Chair. Karen
- 18 Kharatyan with the Water Board. No questions at this
- 19 time.
- 20 THE CHAIR: Thank you.
- 21 Any questions from Panel members?
- Thank you, INAC, for your presentation.
- The next will be Environment and Climate Change
- 24 Canada, a presentation.
- 25 Can we have the computer screen?
- Thank you.

- 1 You may go ahead and proceed with your
- 2 presentation. Thank you.
- 3 Submissions by Environment and Climate Change Canada
- 4 MS. PINTO: Thank you, Mr. Chair. My name
- 5 is Melissa Pinto with Environment and Climate Change
- 6 Canada. I'm an Environmental Assessment Coordinator,
- 7 and with me tonight, I have Anne Wilson on my right.
- 8 She is with Water Quality, Expert Support; and to the
- 9 right of Anne, we have Lindsay Wilson with
- 10 Environmental Effects Monitoring.
- 11 THE CHAIR: We have a technical issue
- 12 here. Okay. All right.
- 13 MS. PINTO: So, first, I'll start off with
- 14 an overview of Environment and Climate Change Canada's
- 15 mandate and then our role in Nunavut and then, finally,
- 16 an overview of our final submission to the Nunavut
- 17 Water Board.
- 18 Environment and Climate Change Canada's
- 19 responsibilities are outlined in the Department of the
- 20 Environment Act and are as follows: general
- 21 responsibility for environmental management and
- 22 protection; to preserve and enhance water, air, and
- 23 soil quality; to conserve and protect migratory birds,
- 24 species at risk, flora and fauna; to provide
- 25 meteorological information; and to coordinate
- 26 environmental policies and programs.

- 1 Environment and Climate Change Canada fulfills its
- 2 mandate through the following Acts and Regulations:
- 3 the Department of the Environment Act; the Canadian
- 4 Environmental Protection Act, which involves air
- 5 quality, waste management, and spill contingency
- 6 planning; the pollution prevention provisions of the
- 7 Fisheries Act, including the Metal Mining Effluent
- 8 Regulations; the Migratory Birds Convention Act; and
- 9 the Species At Risk Act.
- 10 Environment and Climate Change Canada's role in
- 11 Nunavut involves the following: reviewing development
- 12 and remediation proposals for environmental impacts
- 13 falling within Environment and Climate Change Canada's
- 14 mandate, providing recommendations and expert advice to
- 15 the Nunavut Impact Review Board and the Nunavut Water
- 16 Board, and to enforce compliance with legislation that
- 17 falls within Environment and Climate Change Canada's
- 18 mandate.
- 19 Agnico Eagle has submitted an application to the
- 20 Nunavut Water Board for a Type "A" Water Licence for
- 21 the Meliadine Gold Project. Environment and Climate
- 22 Change Canada provided comments to the Nunavut Water
- 23 Board on the application. Most of these comments were
- 24 addressed by Agnico Eagle; however, there were a few
- 25 outstanding issues from the technical meeting. Through
- 26 discussions with Agnico Eagle, these issues are now

- 1 resolved. These concerns were around water quality.
- 2 Environment and Climate Change Canada and Agnico
- 3 Eagle were able to agree upon most of the discharge
- 4 limits put forward to the Nunavut Water Board.
- 5 Additional discussions were required to confirm
- 6 discharge criteria for the following: total dissolved
- 7 solids, ammonia and metals. Together, Environment and
- 8 Climate Change Canada and Agnico Eagle, determined
- 9 limits that are both protective of the environment and
- 10 achievable.
- 11 Environment and Climate Change Canada's second
- 12 concern was with increased productivity in the area of
- 13 the discharge to Meliadine Lake. Agnico Eagle provided
- 14 information regarding Meliadine Lake's flushing rate
- 15 and proposed adaptive management actions.
- 16 Environment and Climate Change Canada also had a
- 17 concern with the lack of winter-reference sampling
- 18 during the under-ice period. Agnico Eagle provided
- 19 information on how collected data will be evaluated to
- 20 detect change and indicated that they have adaptive
- 21 management in place.
- 22 Additional information and details on the
- 23 discussions between Agnico Eagle and Environment and
- 24 Climate Change Canada can be found in Agnico Eagle's
- 25 letter to the Nunavut Water Board dated December 18th,
- 26 2015.

- 1 Environment and Climate Change Canada would like
- 2 the opportunity to thank the Nunavut Water Board for
- 3 allowing us to participate in this water-licence
- 4 process and would like to thank the parties involved as
- 5 well. Thank you.
- 6 THE CHAIR: You may go ahead. Continue
- 7 on. Oh, you are already done. I got mixed up with --
- 8 okay. Thank you.
- 9 I think I'm falling asleep now. It's 10:00, 11:00
- 10 Eastern Time where I come from.
- 11 Thank you, Environment and Climate Change Canada.
- So I'd like to ask the public whether there's
- 13 comments or questions to the presentation?
- I didn't see a hand, so can I ask the Applicant
- whether you have a question or comments?
- 16 MR. ROBERT: Stephane Robert from Agnico
- 17 Eagle. We have no comments. Thank you very much.
- 18 THE CHAIR: Thank you.
- 19 INAC, do you have any questions or comments?
- 20 MR. PARSONS: Thank you, Mr. Chair. Ian
- 21 Parsons, Indigenous and Northern Affairs Canada. We
- 22 have no questions at this time.
- 23 THE CHAIR: Thank you.
- 24 Nunavut Water Board Staff?
- 25 MR. KHARATYAN: Mr. Chair, Karen Kharatyan,
- 26 with Water Board. No questions at this time.

- 1 THE CHAIR: Thank you.
- 2 Panel members, any questions? Okay. There's
- 3 none.
- So thank you very much for your presentation.
- 5 I'll continue on with our agenda.
- 6 Discussion
- 7 THE CHAIR: Now, I'd like to thank
- 8 everyone for attending tonight's Community Session at
- 9 the Rankin Inlet Community Hall. Your questions and
- 10 comments about Agnico Eagle Mines Limited Water Licence
- 11 Application for the Meliadine Gold Project were
- 12 appreciated by me and my Panel members, Colin Adjun,
- 13 and -- on my right side, and on my left side, Makabe
- 14 Nartok.
- 15 Before I close the session, I will ask our
- 16 Executive Director if there are any housekeeping items
- 17 to prepare for tomorrow.
- 18 Stephanie.
- 19 MS. AUTUT: Thank you, Mr. Chair.
- 20 Stephanie Autut, Nunavut Water Board. Mr. Chair, we
- 21 heard earlier from the Kivalliq Inuit Association and
- 22 INAC that while close to an agreement, they wish to
- 23 defer further discussion related to the security
- 24 management agreement between themselves and INAC until
- 25 tomorrow. We also heard from the Kivalliq Inuit
- 26 Association that they were very close to a water user

- 1 compensation agreement with the Applicant, AEM.
- 2 As you are aware, Mr. Chair, the matter of water
- 3 user compensation needs to be resolved to the Board's
- 4 satisfaction before the closing of the final hearing.
- 5 To provide all parties involved sufficient time to
- 6 provide a fulsome response or presentation to the
- 7 Board, and pursuant to a party's request, I would like
- 8 to recommend a deferred start time of 10 AM tomorrow
- 9 morning.
- 10 With your permission, Mr. Chair, I would like to
- 11 poll the parties to seek their opinion on this
- 12 requested time change.
- 13 THE CHAIR: Thank you.
- 14 Applicant?
- 15 MR. ROBERT: Stephane Robert from Agnico
- 16 Eagle. We agree with this, this changing of time for
- 17 tomorrow. Thank you.
- 18 THE CHAIR: Thank you.
- 19 KIA?
- 20 MR. MANZO: Thank you, Mr. Chairman. Luis
- 21 Manzo, Kivalliq Inuit Association. We agree with the
- 22 change. Thank you.
- 23 THE CHAIR: Thank you.
- 24 INAC?
- 25 MR. PARSONS: Thank you, Mr. Chair. Ian
- 26 Parsons, Indigenous and Northern Affairs Canada. We

1	agree with the deferred start time, as well.					
2	THE CHAIR: Thank you.					
3	Environment and Climate Change Canada?					
4	MS. PINTO: Thank you, Mr. Chair. Melissa					
5	Pinto with the Environment and Climate Change Canada.					
6	We agree with the deferred start time tomorrow. Thank					
7	you.					
8	THE CHAIR: Thank you.					
9	On behalf of Nunavut Water Board, I would also					
10	like to thank the Applicant and Intervenors for their					
11	presentation and answers to questions from members of					
12	the public here tonight. Special thanks to all the					
13	Elders, youths, and the community members of Rankin					
14	Inlet for sharing their views, stories, and information					
15	with the Panel and participating and contributing to a					
16	productive and respective Community Session. The					
17	Community Session is now adjourned, and we'll proceed					
18	tomorrow at 10 AM.					
19	Sorry, before we actually close this Community					
20	Session, I'd like to have a closing prayer. Can I ask					
21	Eva once again to have a closing prayer?					
22	(CLOSING PRAYER)					
23	THE CHAIR: Thank you. Have a good night.					
24						
25	PROCEEDINGS ADJOURNED UNTIL 10:00 AM, FEBRUARY 11, 2016					
26						

1	CERTIFICATE OF TRANSCRIPT:
2	
3	I, Julie Macdonald, 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 22nd day of February 2016.
10	
11	E. O.
12	
13	4 Macdonald
14	Julie Macdonald, CSR(A)
15	Official Court Reporter
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