



# **PUBLIC INFORMATION MEETING SUMMARY REPORT SEPTEMBER 30 – OCTOBER 7, 2013**

**for the NIRB's Consideration of  
Baffinland Iron Mines Corp.'s Mary River  
Early Revenue Phase Proposal**

**(NIRB File No.: 08MN053)**



**Nunavut Impact Review Board  
January 2014**

**Full Report Title:** Public Information Meetings Summary Report, September 30 – October 7, 2013 for the NIRB’s Consideration of Baffinland Iron Mines Corp.’s Mary River Early Revenue Phase Proposal (NIRB File No.: 08MN053)

**Cover photos:** 1) NIRB Public Information Meeting, Arctic Bay

**Report photos:** NIRB staff members

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## ACKNOWLEDGEMENTS

The Nunavut Impact Review Board (NIRB) would like to thank all those who participated in the public information meetings held in various communities in the Qikiqtani region of Nunavut as part of the NIRB's consideration of Baffinland Iron Mines Corp.'s Mary River Early Revenue Phase (ERP) proposal. These meetings were an important component of the NIRB's public consultation program and served to provide the public with information on Baffinland's Addendum to the Final Environmental Impact Statement submission for the ERP of the Mary River Project submitted to the NIRB on June 20, 2013. The meetings were successful owing to the participation and assistance of local organizations, community members and government agencies. The NIRB would especially like to thank the many Elders and community members who actively participated in the public meetings, sharing their opinions about the proposed Project and their knowledge of the region with the NIRB staff and other meeting participants.

The NIRB would also like to take this opportunity to thank all of the communities for the warm hospitality offered to the NIRB staff during these visits.

Sincerely,

A handwritten signature in black ink, reading "Ryan Barry", followed by a long horizontal flourish line.

Ryan Barry

Executive Director

Nunavut Impact Review Board

## 1.0 INTRODUCTION

The Nunavut Impact Review Board (NIRB or Board) was established through Article 10 and is granted jurisdiction through Article 12 of the Nunavut Land Claims Agreement (NLCA). The Board is mandated to protect and promote the existing and future well-being of the residents and communities of the Nunavut Settlement Area (NSA) and to protect the ecosystemic integrity of the NSA with respect to proposed development projects and activities through the impact assessment process. An important part of the NIRB's impact assessment process is to inform potentially affected communities about proposed development projects and activities, and to promote public awareness and participation throughout the NIRB's processes.

### 1.1 Outline of the Mary River Project

Baffinland Iron Mines Corp. (Baffinland or the Proponent) submitted correspondence requesting that the NIRB consider its proposed Early Revenue Phase (ERP) of the Mary River Project (the Project) in January 2013. The Mary River Certificate (No.005)<sup>1</sup> as issued to Baffinland for the original Project allowed the construction and operation of an 18 million tonne per annum (Mt/a) open pit iron ore mine and related infrastructure approximately 155 kilometres (km) north of Igloolik and 160 km south of Pond Inlet in the North Baffin region. This included railway facilities from the Mary River mine site south to Steensby Inlet, loading of iron ore aboard ice-class vessels to be shipped year round to European markets, as well as the development of port facilities at Milne Inlet.

Citing economic feasibility issues with commencing the construction of its original Mary River Project as approved, Baffinland submitted further details relating to its ERP proposal, including an Addendum to the Final Environmental Impact Statement (Addendum) for the Mary River Project to the NIRB on June 20, 2013. The Addendum introduced the following *additional* activities and changes to the Mary River Project for the Board's consideration:

- Mining and shipment of approximately 2 million tonnes of ore the first year of ERP operation, followed by 3.5 million tonnes per year (Mt/a) for the next four years, while undertaking construction of the previously approved railway and facilities at Steensby Inlet;
- Increased production level of iron ore for Mary River from the originally proposed 18 Mt/a to a total of 21.5 Mt/a upon completion of railway infrastructure and facilities at Steensby Inlet, to be maintained for entire 21 year mine life. 18.5 Mt/a would be shipped using ore carriers via Steensby Inlet as originally proposed, with an additional 3.5 Mt/a of iron ore to be shipped via truck from Mary River mine site north along the Tote Road to the port at Milne Inlet; and
- The following additional activities:
  - a. Mine Site:
    - i. Loading of ore into truck; and
    - ii. Operation of truck fleet for hauling ore;
  - b. Tote Road:

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<sup>1</sup> Project Certificate No.005 was issued by the NIRB on December 28, 2012 following the Minister of Aboriginal Affairs and Northern Development's approval of Baffinland's Mary River Project.

- i. Haulage of ore at an average of 152 ore truck transits per day (140 tonnes per truck carried in two 70-tonne trailers pulled together behind each truck);
  - ii. Truck transits expected for 330 days per year;
- c. Milne Port:
  - i. Stockpiling at port site year round (maximum 3.5 Mt)
  - ii. Development of ore loading dock;
  - iii. Loading of ore into ships via conveyors (maximum volume of 3.5 Mt/a);
- d. Marine shipment of ore out of Milne Inlet:
  - i. Loading of ore carriers at Milne Port; and
  - ii. 55 approximate sailings of ore carriers (Panamax, Supramax, and Post Panamax) per year during the open water season only.

## 1.2 Brief File History

On January 13, 2013 the NIRB received correspondence from Baffinland which indicated that due to various business factors, it proposed to make changes to the schedule and some activities in the initial stages of the project development associated with the Mary River Project. Baffinland noted that it understood that this Project amendment request would potentially necessitate a reconsideration of the terms and conditions contained within the Mary River Project Certificate issued by the NIRB on December 28, 2012.

On February 7, 2013 the NIRB received correspondence from the Nunavut Planning Commission (NPC) which identified that a conformity determination (North Baffin Regional Land Use Plan) may be required for the amended project components and activities as presented by Baffinland in the ERP proposal.

The NIRB subsequently determined that Baffinland's proposed amendment to the approved Mary River Project warranted further consideration by the Board pursuant to NLCA 12.8.2 (b) and that a determination as to whether the ERP proposal should be allowed to proceed was required. Were the Board to determine that it should be allowed to proceed, the Board would need to further determine whether to revise existing terms and conditions in the Project Certificate and/or to include additional terms and conditions. To facilitate the Board's assessment of the environmental and socio-economic impacts associated with this project amendment, the NIRB requested that Baffinland prepare a comprehensive addendum to the Final Environmental Impact Statement (EIS Addendum) describing all aspects of the proposed ERP, including updates to relevant baseline data, impact predictions and proposed mitigation measures and monitoring plans as per the EIS Guidelines issued to Baffinland on November 16, 2009 and November 10, 2010.

On August 13, 2013 the NIRB received a conditional conformity determination from the NPC for the ERP proposal, where NPC advised that pursuant to Section 3.5.12 of the North Baffin Regional Land Use Plan, a joint NPC/NIRB review of the proposed development of a transportation corridor associated with the ERP proposal must be undertaken. On August 15, 2013 the NIRB determined the Addendum to the Final EIS submitted to the NIRB on June 20,

2013 conformed to the Board's EIS Guidelines and the NIRB initiated a public technical review of the ERP proposal.

### **1.3 Objectives of NIRB's Reconsideration Process**

The NIRB determined that Baffinland's January 13, 2013 request to make changes to the Mary River Project schedule and activities, clearly established that the circumstances relating to the Project are now significantly different than were originally anticipated and that a reconsideration of the terms and conditions of Project Certificate No.005 would be warranted pursuant to Article 12, Part 8, Section 12.8.2 (b) of the NLCA which states:

*12.8.2 NIRB may on its own account or upon application by a DIO, the proponent, or other interests, reconsider the terms and conditions contained in the NIRB certificate if it is established that:*

*(b) the circumstances relating to the project or the effect of the terms and conditions are significantly different from those anticipated at the time the certificate was issued.*

To assess the environmental and socio-economic impacts associated with the proposed Early Revenue Phase proposal for the Mary River Project, the NIRB required that Baffinland prepare a comprehensive submission to facilitate a meaningful public technical review and ultimately, culminates in a Public Hearing and Community Roundtable Session to be held in Pond Inlet. The Board will then prepare a report detailing its reconsideration and recommendations for the Minister of Aboriginal Affairs and Northern Development pursuant to NLCA 12.8.3 which states:

*12.8.3 Where the Minister determines that any of the conditions in Sub-sections 12.8.2(a), (b) or (c) have been established, NIRB shall reconsider the terms and conditions contained in a certificate, and NIRB shall produce a report of its reconsideration. The Minister may accept, reject or vary that report only on the grounds specified in Section 12.6.13. NIRB shall amend its certificate to reflect any changes as accepted, rejected or varied by the Minister.*

## **2.0 NIRB PUBLIC INFORMATION MEETINGS**

### **2.1 Overview of Public Information Meetings**

The NIRB conducted public information meetings in six communities identified by the Board as being potentially impacted by the proposed Mary River Project<sup>2</sup> Early Revenue Phase proposal. The public information meetings began on September 30, 2013 and were concluded on October 7, 2013. The meetings were held for one night in each community. In addition to the NIRB staff, representatives from the following agencies were also in attendance at several meetings as observers:

- Aboriginal Affairs and Northern Development Canada (AANDC);
- Northern Project Management Office.

### **2.2 Format for NIRB Public Information Meetings**

The information meetings were open to all members of the public with snacks and refreshments provided and NIRB promotional items raffled as door prizes. At each meeting, all attendees were asked to sign in upon entry (see [Appendix A](#)). To facilitate a better understanding of the Project, as well as the conclusions presented in Baffinland's Addendum to the Final EIS and the NIRB's assessment process, the NIRB delivered a PowerPoint presentation at each of the information meetings (see [Appendix B](#)). This provided an overview of the NIRB's environmental assessment process, the project proposal and the major conclusions within the Addendum. The NIRB presentation was available on-screen and in printed format in both English and Inuktitut, and was delivered in English with simultaneous interpretation in Inuktitut. The public was encouraged to comment on the proposed Project, the potential environmental impacts, conclusions presented within the Addendum and any concerns related to the Early Revenue Phase proposal. Both written and verbal comments were accepted at these public information meetings, with verbal comments being recorded by the NIRB staff members and representatives from other agencies.

In order to facilitate the public's understanding of the Early Revenue Phase proposal and information presented within the Addendum, the NIRB staff prepared posters for the meeting room walls showing an overview of the main conclusions of the Addendum in both English and Inuktitut as well as maps of major project components including marine shipping routes for the public to review at the information meetings in each community.

### **2.3 Meeting Materials**

At each public meeting the following materials were provided:

- The NIRB's PowerPoint presentation (in English and Inuktitut);
- Nunavut Land Claims Agreement (in English and Inuktitut);
- Executive Summary from Baffinland's Addendum to the Final EIS for the proposed ERP of the Mary River Project (in English and Inuktitut);

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<sup>2</sup> Note: An information meeting was planned in the potentially affected community of Grise Fiord on October 5, 2013 but logistical issues prevented the NIRB from being able to conduct the information meeting.

- Baffinland's Addendum to the Final EIS (in English electronically on a laptop);
- Mary River Project Certificate No.005 (in English and Inuktitut); and
- Comment Forms (in English and Inuktitut).

## 2.4 Summary of Public Information Meeting Schedules and Attendance

The NIRB staff scheduled the public meetings based on consultation with community organizations and travel requirements, avoiding conflicts with community events wherever possible. The public meeting schedule is presented in Table 1.

**Table 1: NIRB's Mary River ERP Community Information Meetings**

Community	Date	Time	Attendance (based on NIRB sign-in sheets)
Igloolik	September 30, 2013	3-5 pm	3
		7 pm	45
Hall Beach	October 1, 2013	3-5 pm	10
		7 pm	31
Pond Inlet	October 2, 2013	3-5 pm	22
		7 pm	77
Arctic Bay	October 3, 2013	3-5 pm	18
		7 pm	56
Resolute Bay	October 4, 2013	3-5 pm	5
		7 pm	5
Grise Fiord	October 5, 2013	3-5 pm	NIRB unable to fly into Grise Fiord
		7 pm	
Clyde River	October 7, 2013	3-5 pm	Cancelled due to building heating and lighting issues
		7 pm	41

## **2.5 Advertisements**

Public notification is an essential tool used to engage the public in effective consultation. The NIRB utilized a number of notification methods to advertise the public information meetings held in the six North Baffin communities visited. Please refer to Appendix C for a sample of all advertisements distributed by the NIRB.

### ***Radio***

Announcements in English and Inuktitut were provided to each radio station on September 23, 2013 with a request that announcers deliver the message in both English and Inuktitut two or three times per day, starting one week prior to the scheduled date for NIRB meetings in the respective community.

### ***Posters/Flyers***

Prior to the NIRB visiting each community, posters in English and Inuktitut were faxed to businesses and organizations in town and requests were made to local community members to assist with placement of flyers as was possible.

### ***Newspaper***

Newspaper advertisements in both English and Inuktitut were printed in the *Nunatsiaq News* and *News North* newspapers two weeks prior to the start of the NIRB meetings.

## MEETING NOTES FROM NIRB'S PUBLIC INFORMATION MEETINGS

The following is a list of the comments and input that were provided both verbally and in writing at the information meetings in the six North Baffin communities for the proposed Mary River ERP proposal. These comments have helped to identify items to be considered throughout the NIRB's assessment process.

### 2.6 Igloolik

#### 2.6.1 Meeting Information

##### Date

September 30, 2013

##### Time

3:00–5:00 pm and 7:00–11:00 pm

##### Location

Igloolik Community Hall



Photo 1 - Public Information Meeting in Igloolik

## 2.6.2 Comments and Questions

The key issues identified during the NIRB's Information Meeting in Igloolik on September 30, 2013 for Baffinland's Mary River ERP proposal are summarized in Table 2 below.

**Table 2: Summary of Comments at NIRB's Mary River ERP Information Meeting – Igloolik**

<b>NIRB Information Meeting - Mary River ERP Proposal</b> <b>Igloolik, September 30, 2013</b>	
❖	Confusion about the length of the ERP (limited phase or life of Project)
❖	Lack of incorporation of Inuit Quajimajatuqangit (IQ) in the ERP Addendum
❖	Use of the Tote Road and shipping out of Milne Inlet will have significant impacts
❖	Concerns about dust/emissions from truck haulage and potential for cumulative effects
❖	Communities opposed Baffinland's shipping component during the Final EIS and are still opposed to the shipping proposed in the ERP
❖	Concerns about the release of ballast water in Milne Port
❖	Impacts of ship traffic on marine mammals and cumulative effects from existing shipping and proposed ERP shipping
❖	Concerns that the proposed Project will have an impact on climate change
❖	Need for greater clarity about Baffinland's <i>Work Ready Program</i> and a local Baffinland representative in the community to coordinate the program and mining work schedules
❖	Concerns with alcohol and drugs at the mine site and influence within the community
❖	Concerns regarding how the NIRB will monitor the Project and enforce terms and conditions
❖	Inability to enjoy country food at the mine site and embarrassment to Inuit workers
❖	Changing of the topography at the Mary River site and possibility to build a monument to represent the hills that once stood at Mary River (e.g., tower or arch)

Comments received from the community of Igloolik both orally and in writing have been grouped under general headings below that correspond to topics associated with the Mary River ERP Addendum to the Final EIS.

***Issues Regarding the Addendum to the Final Environmental Impact Statement***

- Question regarding inclusion of Inuit traditional knowledge in Baffinland's assessment, noting Baffinland had indicated there would be no significant impacts to marine and marine environment. Using Pond Inlet as an example, I have
- Heard from Pond Inlet residents that there were already impacts to whales due to shipping.
- For hunters around Igloolik, concerned about being re-routed when they are caribou hunting and whether vehicles hauling iron ore along tote road would impact hunters?
- If the ERP is not approved and Baffinland cannot gather money to continue, what happens?
- I don't really understand what the Early Revenue Phase means in terms of the revenue being referring to – would it be before, during or after the project, and how is the Early Revenue Phase different from making actual revenue?
- We all know Baffinland will not be able to borrow any money now that they intend to move the project and ERP to the Milne Inlet area and that they are going to focus on this area more.
- Concern that in 2016 Baffinland may move the project to the south side towards Steensby Inlet and continue to go through that area once they begin their Project since I was happy that they weren't going through the Milne Inlet area. There will be significant impacts to the people of Pond Inlet.
- Question regarding when they would start to make improvements to the Tote Road and where the money would come from for these?
- There are lot of aboriginal communities that are losing space due to mining and mining companies; people are saying no, but these companies are taking over and [we are] just Inuit and our voices aren't being heard.
- Noted that Baffinland is making different plans, while they first indicated they were just going to go through Steensby Inlet, now they are proposing to go through Milne Inlet for four years and now after four years they aren't going make enough money, they are going to build a railroad...Listen to the people of this land.
- They told us there would be Inuit employed; noted the Proponent is very manipulative and even if the proposal is rejected by communities, they manipulate and use other measures to try and get their own way.
- When Pond Inlet was consulted, they said it was their land, that's what they were concerned about and rejected the initial project proposal and Baffinland turned around and changed it to go beyond their scope.

- In the past other communities have worked together and we will continue to work with other communities, even if they change their project scope. Igloolik people will support Pond Inlet concerns and keep supporting their concerns as in the past they have supported our concerns. In light of that, we still have similar concerns when we are not the same community and are thankful that NIRB has decided to visit the community.
- We've attended public meetings and have opposed and rejected projects in the past. They've changed their project and shipping plans to Milne Inlet and I still oppose the project and it is now on both sides of Baffin Island and they now are trying to use different methods so that they change their plans, they are not trustworthy. They cannot do it both ways.
- I know that you're not concerned about Baffinland's plans or whether they are trustworthy or not, but initially Baffinland tried to manipulate us Inuit. The Proponent considers our culture and our views and would address our concerns and problems, yet the Proponent becomes indecisive and manipulates us and gets their own way so they could get more money.
- I am grateful the NIRB was able to visit our community and I wasn't aware there was a meeting and I support your endeavours. I know NIRB supports our community concerns.
- I haven't heard any comments with regards to malfunctions or accidents. Now if there is a bad accident/tragedy to one of the drivers, I haven't heard what the emergency response to it would be.
- We have meetings with Baffinland and I always come and listen and we've been told only good things they plan to do and they will have mitigation plans in place and we have been told this numerous times.
- There are vehicles they are going to use and plans in place to have no malfunctions or accidents but I believe there is a possibility that there may be and that this is a dangerous time for employees.
- Suggest they build a tower or arch of the same height to see again what the hills used to look like (construct a tower once the mountain is gone after mining). It's our landmark; I've seen it before on this side of Baffin Island when caribou hunting. I'd like to see it again someday and I'd like to show my children from this side of Baffin Island through binoculars. Can you suggest a new name for a tower in Inuktitut?
- I used to be a member of QIA from 2002-2010 when we started hearing about the Mary River project that was going to be part of Inuit life and using Inuit knowledge in every way possible so ever since time began Inuit used to gather at Mary River and now we are hearing that they're going to be mining the two hills.

### ***Terrestrial Environment***

- Trucks will be hauling from Milne Inlet to Mary River and they are going to be carrying ore and lots of trucks going back and forth (every 30 minutes as I understand it) and lots of dust will be created. There are people working up there that have seen this happen

during the exploration phase with lots of dust being produced which is reddish in colour and this is probably going to happen from Mary River to Milne Inlet. I believe this would be one of the concerns raised by our people and it is going to impact wildlife and the vegetation they eat. I am not an expert but I am visualizing this. I'm sure this has been considered in previous hearings even though it was for different project components.

- The trucks will be going from Mary River to Milne and I wonder if those are predictions or if the NIRB has made any predictions as to how much dust is going to be produced as a result of activity or carbon monoxide/dioxide the trucks will be emitting?
- I think impacts from the dust emitted from the transportation of ore needs to be reduced. This is a concern because the dust can impact air quality in communities adjacent to the project from trucking. Are there any assessments or predictions on this matter?
- I worked at Milne Inlet and dust usually emitted has fallout in lakes and oceans by way of air and wind direction. Whenever there was wind the dust travelled towards the ocean; the wind directions by season need to be considered.
- In this community sometimes we protect the environment and the wildlife because the wildlife is part of our diet and we can't trust Baffinland because they are indecisive and they are not really trustworthy assessing only their own developments, because the Inuit are a very small percentage of the population in comparison to the Canadian population and we are normally penalized and we need to be recognized as people.
- The hills are quite high at Mary River where they plan to take iron ore out and there's going to be a lot of dust produced. It's evident that there's going to be spring runoff everywhere in that area starting from the top of the two hills, now when snow starts to melt it sometimes is rusty and polluted.
- There used to be a researcher here that was studying pollution and lots of things are poisonous and he told us that different toxins and pollution would kill wildlife and companies say certain things and make certain promises from the beginning and we go along with what they're saying.
- I grew up in the Mary River and Steensby Inlet area and we used to fish there and now there's going to be the Tote Road to transport iron ore. I'm sure there's going to be impacts.
- There are concerns about the road being too narrow, Inuit wanted the road expanded so there would be less impact and less dust and on the environment.
- Does the company know there are archaeological sites from the Tote Road to Milne Inlet?

### ***Marine Environment***

- Concern about dust on the stockpiles that are going to be at the Port Site as this would go directly into the ocean and potentially affect marine life.

- Page 13 of the presentation refers to findings on ballast water transported from overseas that would be poured when they reach their destination near Milne and ballast water poured near surroundings would have accumulated impact on marine mammals and I am wondering who would be designated to monitor impacts on marine wildlife in that area as there definitely needs to be stable (consistent) monitoring?
- I'm grateful that your organization came to our community and I'm concerned about fuel tanks and ships. Here we have less beluga as this is the beluga season and we are not getting any travelling to our community because there are ships here (a fuel vessel).
- With regards to arctic char, if they build actual bridges instead of round culverts - I know it's too small of an amount but even a small insignificant amount can escalate over time, this needs to be considered if iron ore, dust and emissions are too much as time continues.
- With regards to ballast water, they assured us that it wouldn't be released in or anywhere near Nunavut, but the slide with information on marine environment implied that ballast water would be released in Nunavut waters. Please confirm.
- Will Baffinland be using both ports to ship iron ore?
- Steensby is my hunting area and it has everything: fish, seals and narwhal and I would prefer if they do not open any mine or projects there as it will impact all wildlife and when I was a child it was my traditional camp and I oppose their project. I would like everyone to be aware of that.
- There were concerns brought up by the people of Pond Inlet previously that we need proper mitigation measures to minimize impacts when shipping is approved.

### ***Socio-economic Considerations***

- During the presentation they mentioned the Inuit traditional knowledge components and as Inuit we are included in the socio-economic portion that is assessed and ecosystemic components need to also include Inuit. People are part of the ecosystem component.
- There are problems with drugs at Milne Inlet and it needs to be further assessed.
- When we first started meeting I had mentioned about whether or not employees would be trained and they said even though people aren't trained they could work at the site because they would be training their employees. I was taking a course August 6-16 as we were told we would need to train to get employment = and I took a 2-week course from 8:30-5pm. Before we started the course we were told that we were going to get \$100/day. I went to the post office to see if the cheques were deposited, but there was nothing.
- I think we should all be on the Work Ready program including people from southern Canada. I think there should be training for some to be certified, if I were to be certified, I would like to be able to get the same type of job that southerners get. I want equal opportunity.
- The Work Ready program is a 3 week program and I think it's basically to orientate young people to get ready to work there, is this true?

- We facilitated the Work Ready program about 3 times in this community and we don't gear it towards youth – it also includes older people. The Work Ready program is designed to give community residents interested in working at the mine coping skills, to develop patience, overcome homesickness, learn how to budget money received as payment and how their salary could benefit their families long term. After you begin to eat country food you get used to it, we sometimes get tired of store bought food. We would like to see country food being served and those of us that are Inuit we get tired of eating store bought food.
- I heard on CBC news that an Inuit staff member brought Inuit food and that it was confiscated and I am wondering if that will be a regular occurrence.
- We have reminded Baffinland a lot of times that there should be absolutely no tolerance for drugs and alcohol and it's very dangerous and we have been told that there won't be any, but it's not true as people from southern Canada are bringing in drugs that are made in southern Canada and being brought from there. I have worked with southerners and I have worked with heavy equipment and hauled during the exploration phase and told not to use drugs/alcohol and we abided by it and now if there is going to be an accident/malfunction while employees are using drugs, please let's ensure that the security is tight and I want to see this.
- At the Mary River site, I was told to bring a young seal I caught and have a big feast and gather there the rest of us from Igloolik and Pond Inlet, but it wasn't possible as we couldn't use the kitchen at the Mary River site because of the possibility of contaminating the kitchen or that it's unsightly for people who didn't eat traditional food. It was very embarrassing. We were told not to use any of the kitchen utensils, not even knives. We had to order machete type knives from Arctic Bay and we were told not to use kitchen equipment because they didn't think our food was clean. There are witnesses to this and we have already gone through this embarrassing thing.
- The mountain is part of our heritage and it will be taken away from us.

### ***Project Monitoring***

- The NIRB will be monitoring to ensure the terms and conditions are followed. Will the NIRB have its own staff to do monitoring?
- Will you be able to have staff in this community to assist and communicate concerns in the community if any terms and conditions are not being followed?
- We need to have 24-hour monitors that aren't employed by Baffinland.

### ***Cumulative Effects***

- Climate change within the Nunavut area in the presentation doesn't talk about the final aspect of it going overseas and turning it into iron and steel. I have firsthand experience working at the north Arctic scientific resource centre where I was responsible for a high volume modifier and filter collecting air samples from all over the world. Pollutants

would go up in the air in one area in the developing world and when it gets cold it goes back into the ground and we, the people of the north, are affected by it. This type of pollutant will be coming back – will that be monitored as well?

- What are the cumulative effects due to dust from trucks? In the long run it accumulates; what can Baffinland do to prevent it?
- Please do not put water from Rotterdam and other areas in Nunavut waters. A lot of technical wording in your presentation is not correctly translated so Inuit are not getting the proper picture. Translation for early revenue phase is not properly captured. Cumulative effects are a big issue and it is not conveyed in Inuktitut.
- There is a significant amount of fish where they are proposing to build the mine and significant amount of whales at the time when I was growing up in a place called ‘Tulinik’, traditional name of the spot where Inuit used to traditionally live and hunt and we already knew when building the Tote Road that there were going to be impacts. Sometime in the future and now, are we going to ensure we get royalties from the project?
- Due to climate change, the weather is unpredictable so we need to monitor weather more aggressively, especially during the summer. I have always been concerned about the road since it was going to be expanded to be used for hauling and trucking and I think there is a greater concern about accumulated impacts when they decide to use trucking rather than their previous plans.
- You mentioned a great deal about migratory human beings, which are the scientists, they come up when it’s warm and when they are finished they go home. Our elders lived here all their lives and observed. In your presentation there were no remarks whatsoever from elders. I find NIRB is more on Baffinland’s side rather than the Inuit side. I would ask NIRB to be more on the neutral side and work more with our elders, rather than the migratory human beings.

## **2.7 Hall Beach**

### **2.7.1 Meeting Information**

#### **Date**

October 1, 2013

#### **Time**

3:00-5:00 pm and 7:00-9:00 pm

#### **Location**

Hall Beach Community Hall



**Photo 2 - Public Information Meeting in Hall Beach**

## 2.7.2 Comments and Questions

The key issues identified during the NIRB's Information Meeting in Hall Beach on October 1, 2013 for Baffinland's Mary River ERP proposal are summarized in Table 3 below.

**Table 3: Summary of Comments at NIRB's Mary River ERP Information Meeting – Hall Beach**

<b>NIRB Mary River ERP Project Proposal Information Meeting Hall Beach, October 1, 2013</b>	
❖	Concerns about increased dust from trucking of ore
❖	Concerns regarding collisions with wildlife along the Tote Road
❖	Compensation for harvesters needing to travel greater distances to hunt (marine and terrestrial wildlife)
❖	Not concerned with ship traffic, as long as it does not result in increased impacts to marine mammals
❖	Competition for skilled labour and the Hamlet potentially losing employees
❖	Project will offer an important source of employment for the community
❖	Concerns about potential contamination and impacts of Project activities on the community's health
❖	Some community members expressed support for the Project

Comments received from the community of Hall Beach both orally and in writing have been grouped under general headings below that correspond to topics associated with the Mary River ERP Addendum to the Final EIS.

### *Terrestrial Environment*

- Snow melts faster with dust and we see the impact in Hall Beach with road dust as we try not to have too much dust on the road.
- The Hamlet's been trying to prevent dust but it's hard to do. Maybe there is something we can learn from Baffinland because we have dust problems in our communities. Dust will have an impact on all wildlife, not only caribou.
- Baffinland has stated that they did environmental assessment research and as Inuit we know we are indirectly affected and there are times that I wonder if the company were to see a dead carcass of some dead animal or if there were collisions, who would report this and to whom?
- I think there should be good reporting procedures: immediate calls and researchers to find some way as to see how the animal died or from what cause.
- Baffinland at the Hearing was talking about how Igloolik and Pond Inlet would be compensated if there was habitat loss or collisions with wildlife.

- I'm originally from the Mary River area and I am concerned about the birds. There aren't too many birds in that area as there are in Hall Beach. Smaller birds from Steensby to Mary River won't be impacted too much compared to here. I want to make a statement that there are fewer birds in that area than in Hall Beach.
- I want our grandchildren and great-grandchildren to have the same opportunities to harvest country food as our ancestors had.
- I am going to also speak about what I think of Baffinland. When they are working they will see animals, we do know that. The Inuit hunters and I grew up hunting there since I was a kid and also before mining happened and I was born in 1933. I have been hunting from youth to adult on the land and sea. We see dead animals every now and then, not caused by exploration but killed by wolves. We've also seen dead birds, for example owl and peregrines are hunters of other birds and exploration of minerals will also cause accidental deaths. This is fine with me as I have been seeing dead animals on the land caused by other animals and seals in the water. I am in favour of mineral exploration. I know they won't be killing animals on purpose. They are trying to help the Inuit.
- I am in favour of preserving all archaeological items. As a young person it gives me pride to see artifacts that are found intact as our ancestors went through hardship surviving.
- The Tote Road is about 100 km and there will be many trucks. Will dust control be able to keep up?
- I am not concerned about the archaeological sites. We do not see these historical sites on a regular basis as only the government and the world do. Also with these historical sites, we do have a plan in place to have a museum. As Inuit, our ancestors used items on the land and it is hurtful to see our ancestors in museums.

### ***Marine Environment***

- The residents of Hall Beach are concerned over 2 things: walrus and seals.
- Shipping through Milne Inlet is fine with me. As people from Hall Beach, we do not go up there every day.
- How many ships will go through Milne Inlet during the summer?
- Residents of Pond Inlet have stated in the past that Milne Inlet is the birthing ground for whales so maybe shipping activities are going to be a bit of concern with respect to whales, because ships produce sounds. If we see dead animals we need to see findings on the cause of the animal's death when the project gets underway.
- The route proposal is not a concern for me, we have had many ships in the past and it was never a concern for us. However, we are concerned about accidents and malfunctions.

### ***Socio-economic Considerations***

- We are concerned that Baffinland will be competing for resources (employment) with the Hamlet and the Hamlet should be compensated by Baffinland as this is going to affect communities and there needs to be something negotiated, especially for smaller communities.
- We used to have Polaris Mine in the past and it used to be run properly except for some of the things we weren't happy with.

- I'm not against the project but here in smaller surrounding communities, we have struggles with employment so we need to encourage our young people to continue school and find work.
- I am in favour of the Mary River project, there is a job scarcity here and they will help and they will give us training and experience. For example, the DEW Line clean-up crew were given hazardous material handling training. I can't oppose or say negative things about the company, as there will be opportunities for work.
- If Hamlet employees start disappearing from town because there are better paying jobs outside the community, this will be a concern for me.
- The only change for me would be working and having money and getting used to going to work and leaving my children and family for a while.
- Our older people are disappearing and as younger people we aren't concerned about archaeological remains.
- Archaeological remains are no concern of mine, they say they belong to the people, but basically they belong to government. A matter of fact, we can't touch them and may get arrested if we try to take our ancestor's stuff, according to Nunavut law.
- The main concern for me is the ships going through Milne Inlet. I'd like to get compensated for fuel to hunt walrus and the same for caribou. Compensation and royalties are important to me.

#### ***Other Comments***

- My main concern here is we don't know how much of an impact there will be until Mary River is up and running. Former employees seem to have higher rates of cancer from the DEW Line. It might not be the case here but it is a concern. What chemicals will be in use at the mine? Are there hazards to what they are doing? If the country food gets contaminated, our elders won't stop eating it; that is a concern too. I cherish my elders, my great-grandkids and would like them to have uncontaminated country food.
- I am in favour of seeing the project go ahead and I would like to see it go ahead before I pass on.
- We are concerned about animals. However, we were never concerned about toxins or PCBs in the past from the DEW Line and maybe it's a good thing we didn't know about them.
- Even after the cleanup there might still be some contaminants.
- In 1962 a road was constructed from Milne to Mary River, is it the road that will be used or is there another road going to be constructed?



**Photo 3 - Hall Beach Waterfront**

## **2.8 Pond Inlet**

### **2.8.1 Meeting Information**

**Date**

October 2, 2013

**Time**

3:00-5:00 pm and 7:00-11:00 pm

**Location**

Attakaalik Hall



**Photo 4 - Public Information Meeting in Pond Inlet**

## 2.8.2 Comments and Questions

The key issues identified during the NIRB's Information Meeting in Pond Inlet on October 2, 2013 for Baffinland's Mary River ERP Project proposal are summarized in Table 4 below.

**Table 4: Summary of Comments at NIRB's Mary River ERP Information Meeting – Pond Inlet**

<b>NIRB Information Meeting - Mary River ERP Proposal</b>	
<b>Pond Inlet, October 2, 2013</b>	
❖	Confusion about the length of the ERP (limited phase or life of Project)
❖	Confusion about the status of the Project (already approved or not)
❖	Concerns about impacts to wildlife in Milne Inlet where hunters harvest wildlife
❖	Concerns about data collection for marine mammals and the incorporation of IQ
❖	Concerns about dust from trucking and ore stockpiles at Milne Inlet
❖	Concerns that potential archaeological sites exist along the Tote Road and Milne Inlet
❖	Importance of protecting wildlife to ensure future generations can continue to harvest country foods
❖	Concerns about compensation under the Inuit Impact Benefit Agreement (IIBA) for potential impacts of Project activities
❖	Concerns that the Project has changed considerably in scope
❖	Concerns that shipping could impact marine mammals; cumulative impact of increased shipping
❖	Considerable opposition voiced against the ERP
❖	Community members would like the Hearing to be held in Pond Inlet
❖	Concern about monitoring of Project impacts and how residents can participate
❖	Project would bring employment and revenue to the community

Comments received from the community of Pond Inlet both orally and in writing have been grouped under general headings below that correspond to topics associated with the Mary River ERP Addendum to the Final EIS.

### ***Issues Regarding the Addendum to the Final Environmental Impact Statement***

- Confused about the length of ERP activities.
- Find it very sneaky that the Milne Inlet shipping or iron ore is introduced now.
- Confirm that shipping through Milne Inlet is proposed to continue even after the railway is operational? I think everybody needs to keep that in mind as I don't

believe Baffinland has been very forthcoming and that most people believe shipping through Milne would be a short-term solution and that shipping would stop after the railway is completed.

- There is a lack of information being given to the communities about the Baffinland project and there is a lack of funding to collect traditional knowledge to ensure a better future for our great-grandchildren.
- I would like the NIRB to take into consideration that communities were not given proper information to make decisions about the Project and we need honesty about the Project. When the Project first started we had a working group with many elders and community members and in 2007 Baffinland promised the community that shipping would not happen through Milne and they used it as an opportunity to show they were respecting IQ and this has been ignored almost to the point where information is being hidden from the community. I met with Baffinland numerous times and they never made it clear this was going to be a long-term option for shipping. The NIRB has the responsibility to communities to not allow this to happen.
- Is it smart to have Baffinland be the one doing the assessment (FEIS)? Why doesn't the NIRB prepare the FEIS?
- There was a lot of concern previously when Baffinland presented the option of shipping ore through Milne Inlet.
- Concern about the length of the ERP.
- Baffinland did not come here to consult on these activities; for example, on ballast water. That's how the Proponent does it when they come in the back door.
- People here were told by the Baffinland representative that the government has already approved the ERP and issued permits, so the people here should not raise concerns or it will only cause delays.
- We had raised concerns numerous times through CBC and our local TV stations. The QIA has also made an agreement and come up with the IIBA and raised numerous concerns should there be an impact to the Inuit.
- Question to NIRB: with respect to the agreement with Baffinland and QIA about the IIBA, has NIRB worked with either of these parties dealing with these issues?
- A lot of hunters go to Milne Inlet. This summer Baffinland gave a few contracts to the Inuit but we still haven't heard of any reports on impacts on wildlife either marine or terrestrial yet. Without these reports being available, does the NIRB know why this project should proceed based on commentary from Pond Inlet, Igloolik.
- Has the NIRB been given the reasons why Baffinland is not building the railway to Steensby?
- The NIRB is a body for the Inuit. I was involved in the Land Claim process. To me it seems like the NIRB is supposed to be there to protect us. Are we going to be able to provide comments/concerns throughout the life of the project?

- There are about 1000 people in our community and increasing. We've not seen any benefits yet. Once the Project Certificate is given saying yes you can go ahead and build the mine and once we find out there is something missing from the IIBA, we want to ensure that sanctuaries for mammals and birds will be a part of the agreement so that they are protected. That should be one of the conditions to put in as part of the agreement. Once the NIRB gives the approval, I want that to be known.
- I've been involved in the Mary River project review committee and have heard requests for response and clarification and I refer back to the NLCA that communities closest to the project or most impacted have to approve a project, so people here should be given that opportunity to approve mitigation measures and so on. Only when all of our concerns are addressed can the project be approved.
- As the project has evolved and changed quite a bit since originally presenting the proposal, at this time I'd like to know if Baffinland was previously approved for shipping through Milne?
- Will we have another opportunity to comment or be part of a public hearing in Pond Inlet?
- We need more time and assistance to understand the technical documents. We need to recall the precautionary principle - elders know sound can affect whales and what happens to key species but Baffinland says it doesn't know, then let's follow the advice of elders. It does not make sense to go ahead with the Early Revenue Phase if one of the key species for the Inuit is going to be impacted.
- I'm against the Early Revenue Phase. I don't like it and I oppose it.
- There have been significant changes to the project since the Project Certificate was granted. How many more changes are going to be allowed after the NIRB certifies it? How many changes need to take place before another Hearing has to be held?
- Mary River is on Inuit Owned Land and under the Land Claims Agreement, the residents of Pond Inlet need to know all details of the project so that we can make the best decisions. I'm a hunter and from what I think, before the NIRB Board members come, the residents of Pond Inlet should organize a meeting with the Hunters and Trappers Organization and other organizations in our community (the Hamlet for example) as under the Land Claims Agreement we have the power to be involved. We'd like to see the NIRB hearing here and we want to see the NIRB Board Members.
- I know the NIRB would like to see the Hearing in Iqaluit as that would be more economical. Yes, there's more space available, and it can hold more people. I have held meetings there myself. From here and Igloolik, I don't know if these two communities are going to be attending the NIRB Hearing if it were in Iqaluit.
- I really wish to thank the employees of the NIRB for coming to Pond Inlet and we look forward to hearing from you in January in Pond Inlet when the NIRB has its next Hearing as Pond Inlet is the closest community to the Project. It was very good to

- listen to the NIRB when they held Hearings in this community so we strongly encourage you to come back to Pond Inlet for a Hearing in January.
- It is very difficult for communities/Hamlets to do a technical review, even if the staff members have technical backgrounds. There is a lack of resources to be able to get through everything.
  - Interveners and community members have very similar concerns about the Early Revenue Phase and I would like to see further input solicited from the community and would like to encourage the NIRB to tell interveners to visit the community before the Hearing.

### ***Terrestrial Environment***

- We need to ensure that Baffinland mitigates impacts to permafrost.
- We have concerns about ore stockpiles at Milne Inlet. Baffinland should build a structure to store the ore so that there are no impacts from dust as there are high winds in that area.
- When we talk about Milne Inlet Tote Road and the fact it will be used to transport ore, this has caused concern and many residents have asked that the trucks be covered by tarps and I am not sure if this is going to be done.
- The ore storage facility at Milne is open to the weather and weather could cause oxidation and we would prefer it be housed in weatherproof, all-metal sheds to ensure minimal impacts. It is close to the water and could impact the water.
- We have never heard any response about air pollution and how engine smoke will impact the environment and whether it will be blown to other areas.
- We bring up these issues because they are close to our hearts and I know this fact because I have grown up in this environment prior to mine development at Mary River. When caribou weren't around here, we'd go to Mary River to hunt caribou. In the past, Inuit used to congregate in the Mary River area to go caribou hunting and fishing.
- We've used the Tote Road every year by ATV and by the time we reach Mary River we would be covered in red dust and with trucks weighing many tons I can only imagine the amount of dust that would be created. Even if Baffinland states there won't be any dust, there will be dust. When Pond Inlet only has a certain number of vehicles and only gets a certain number of supplies, we can see the red sheet of dust.
- Hunters here have combed every inch of the land. Baffinland still needs to do more studies. DFO needs to study the marine environment, even outside of Milne, and more wildlife population studies need to be done.
- The presentation states that when wildlife is on the road, trucks will stop and I am wondering if that will be the case for people too. The hunters use the Tote Road so Baffinland should put measures in place to prevent accidents. I think you said 76 one-way trips, that's a lot of truck traffic.

- A polar bear was killed today at Mary River which used up a tag. They did not know how to manage it properly afterward and it was left mangled and unedible.
- When I talk about research I always envision scientists doing it. I don't want scientists involved in this. There should be more surveys done on archaeological sites.

### ***Marine Environment***

- The narwhal is a key species for us. I have taught students about the precautionary principle. If we don't know the impact of something, don't do it. It is not acceptable for Baffinland to expect to go ahead with the ERP when they admit they don't know what impact there is going to be on key species. You are the impact review board, the Proponent says we don't know what the impact is going to be, don't allow them to go ahead. The only group that will benefit will be the Proponent if it goes ahead. The NIRB should not put the interest of Baffinland ahead of that of the community.
- The issue brought up earlier related to Inuit enjoying camping in the summer and out on the land especially in the same area where shipping is proposed. Inuit harvest narwhal, seals and fish. The Coast Guard ships are cruising fast through the area and this causes big wakes which is a safety concern because our boats can overturn. What type of regulations can be employed and is there anywhere we can call to report such things to ensure the ore carriers don't go at high speeds? Is there a toll-free number for hunters to call? Many hunters are unilingual so I am not sure how they would be able to access this information/reporting. We have to ensure good information is available to hunters/communities and a number to call to voice concerns.
- We need information about shipping times or the number of a radio where people can call about boat speeds or any other issues that would impact smaller boats.
- Some of us in Pond Inlet are in disagreement with shipping and the Milne Inlet shipping corridor. We had been asked to attend the Baffinland meeting and as an elder I participated and we had told Nunavut Tunngavik Inc. (NTI) and QIA that we didn't really agree with the transportation corridor and we raised that concern as a group. I don't know if Baffinland listened to our concerns.
- In June-July there is a policy in place that no shipping should occur because of the marine hunting in Milne Inlet. The marine wildlife traverse Milne Inlet so we don't allow shipping because they are migrating and this starts to happen around April and we see them go through the Inlet in June and July. Whales pass through here around late July or August. We don't want them to be disturbed and nobody's listening to us, especially Baffinland. We've told them numerous times but they are not listening to our concerns.
- Can we make complaints to the NIRB about shipping? Last summer for the whole month there were monitors watching the whales to see if there was any disturbance to them and we saw lots of whales and we watched where ships were passing through

and there's different ships going through here (tour boats, Canadian Coast Guard and supply ships) and now there is going to be even more impact with Baffinland if mining goes through. Could we get fewer ships to pass through here once the mine starts as already other ships pass through here?

- I am most concerned about the iron ore carriers. I'm not concerned about ships carrying tourists. I'm pretty sure down the road there will be other tour ships passing through here but we have heard and seen them travel about 50 knots and have written down as to how fast they are going through the Inlet. We witnessed this and I was wondering if they could slow down to 9 knots as they affect the waters and produce wake effects. It would be even better if the ore carriers would go through there once the ice is completely gone as they are going to impact wildlife in that area. We go out hunting there too and I don't want mammals to be impacted.
- It seems that Steensby Inlet will be deferred and Milne Inlet will be used to ship ore to European markets during the summer season that's the information we've been provided from the NIRB.
- I'm from Pond Inlet and Baffinland originally said they were going to temporarily ship through Milne Inlet.
- I'm glad to hear pertinent information and I also want to comment on your presentation. There is other wildlife that will be impacted like walrus and participants have commented mostly on narwhal. When conducting population surveys I saw researchers on top of the cliff counting mammals passing by and I am glad to see research such as that but should they be saying there are many when there are only a few? Back in our historical language prior to ships coming in we used to have a lot of narwhal and would see them everywhere you looked and that we call 'many', not just sporadic numbers witnessed now.
- Whenever organizations come to Pond Inlet to present a report, I want to know if Baffinland is stating that there are a lot of marine mammals based on research from over the summer and if the assessment is based on this information only or if there will be more research required. I believe I'm correct in assuming if Baffinland didn't conduct research before ships came to Milne Inlet they will never learn the true impact on mammals as Baffinland should have started baseline research before they starting shipping through Milne Inlet.
- There are always marine mammals in Milne Inlet and we need to know if any pollution is impacting them. The marine environment is very conducive to sound and the reason I bring it up is that when you use a hydrophone to listen to underwater sound (I used to be involved in marine hydrophone research), you could hear walrus, seals, bearded seals that are not visible to the eye, but you hear them for many miles away. Due to sound travelling faster in water, it causes noise to grow and when the noise increases it impacts wildlife even more and based on IQ we have always known that sound disturbs marine mammals. We used to have lots of caribou in the Baffin

but they migrated elsewhere but based on IQ we know caribou will come back in a few generations, once the food has grown back to accommodate caribou. That's the cycle based on IQ. We are very protective of animals and that is based on our knowledge.

- I am a resident of the Arctic and I live in Pond Inlet and grew up on the land outside of the community and the reason I bring it up is I have knowledge of the Milne Inlet area. There used to be thousands of seals and when the sea was calm and you got to a group of seals and with the seals diving to get away from the boat, the boat would move from the waves created by the numerous seals. Today you get barely a ripple with 2 or 3 seals. There is a difference between many in today's language and back then.
- I have heard many stories about other areas that had more marine life and when ships first started going to Nanisivik they had lots of seals but the seal population started dwindling.
- Baffinland will be conducting research from Igloolik to Steensby Inlet for 5 years. This seem to be a short time to do surveys as there have never been any done before. I think there should be additional surveys done under the IIBA and some agreements put in place for protection of the environment and wildlife.
- IQ taken into consideration the sound impacts on marine mammals and yet Baffinland states that there is inconclusive evidence. It seems to me that Baffinland's assessment does not provide equal weight to IQ and scientific knowledge.
- Pond Inlet's diet base is maktaaq but if this phase of the project is approved, there will be impacts to the community for many years. If the marine mammals start migrating to other areas, how will we be able to reach these animals to supplement our diet? Has this been taken into consideration by the NIRB?
- Residents of Pond Inlet found narwhal with cancer in Tremblay Sound nearby. They are finding more sick animals. A tag was used this summer to put down a sick polar bear.
- I used to see when ballast water was poured out at Nanisivik, it was water coming from European seas and it was close to the community. Every Inuk worker in the area didn't have any concerns about impacts because there continued to be wildlife in those areas. Nanisivik ore was offloaded onto the ship without coverage, open to the environment. The same occurred at Little Cornwallis Island where lead was transported directly from storage to the ship with no cover and these two communities have yet to experience running out of wildlife.
- I brought up the possibility of towing the ships to reduce impacts and wake effects to Baffinland.
- I used to work at Nanisivik Mine. When shipping ore, the ships arrived full of ballast water and dumped the water once they docked and they would haul iron ore onto the ships after that. Now this Project is going to have a bigger impact as they are going

to use larger ore carriers. They were only hauling 23 tons of iron ore at Nanisivik and now they want to haul even more with Mary River so it will have a bigger impact and if there is a risk of the introduction of invasive species we need to know in advance where they are going to dump the ballast water. The water in the Milne Inlet area is pretty rich in wildlife, so is it going to be freshwater or saltwater that will be dumped here?

- In NIRB's opinion, has enough information been presented to determine if noise would be amplified or echoed in a confined space like Milne Inlet?
- Baffinland is not sure what is going to happen to narwhals and they are going to monitor and in the same publication state they are going to leave the area; how do you monitor animals leaving an area? How do you monitor the impact on the Inuit if the marine mammals leave Milne Inlet?
- I know some of our hunting areas will be devastated and impacted. I thank NIRB for presenting this report tonight and I haven't had a chance go through all the contents but now I need to take into consideration the ERP proposal. Steensby has undergone marine studies where they studied plausible routes yet they haven't done the same thing for Milne Inlet.
- The waters of Pond are not the same as waters off Igloolik. Steensby Inlet studies can't be compared to waters off Pond Inlet as the waters are totally different. Pond Inlet area is a wildlife area, there is a lot of wildlife in Milne Inlet.
- I would like to see terms and conditions that provide compensation to the people for every gallon of ballast water released into Milne. Perhaps with the NLCA we could look at ensuring this happens.
- I am not a scientist and I am reading technical documents. The case studies used are all based on southern species where human-produced noise is a lot more common. Seals are compared to the California sea lion and beluga whale in the St. Lawrence seaway where historically there has been ship noise and I see a problem with this - I find it hard to believe that these are acceptable correlations. Everything in Baffinland's assessment states that animals will avoid areas where there is noise and it is Baffinland's opinion that this is a good thing - animals will simply leave the area. This doesn't work in areas where noise is produced, for example in Milne Inlet and if animals leave those areas, then there would be an impact on the Inuit so are they saying there is not a significant impact when animals leave areas and destroy the Inuit way of life?



**Photo 5 - Maktaaq**

- I hope the actual monitoring of ballast water occurs when it is poured out of the ship when loading ore and I hope the plan is laid out and reported to Pond Inlet as to how ballast exchange will be monitored and is followed by Baffinland.
- When I was in Igloolik, I heard their marine environment is different from ours.
- The salt water is the same as ours, part of our seaway, but the only difference I see between Steensby Inlet and Milne Inlet is that there is less walrus in that area and one fact I know for sure is that there are fish, seals and whales in Milne. I have heard from employees that work at the Mary River site with regards to wildlife they have witnessed mammals that have gone further away and also there are breeding grounds for different marine species. Fish migrate through there so if I were to go from Pond and arrive at Milne Inlet, there are lots of fish and every part of that area has fish and it has to be part of the NIRB's consideration.
- I want to see the NIRB Board and I don't remember who said Baffinland is going to make a big change and our Inlet is going to be used as a transportation corridor. It's a small Inlet. It's going to impact us. The people from southern Canada that live here are with us as one. We have the same voice.
- Now if this project would be given the go ahead, I am very concerned about the impacts it would have on our marine environment. I am concerned of ships running aground. If there is an oil spill, it would have a very big impact on the marine environment, on the shorebirds and shores and millions of birds would die as a result of these collisions or when ships go aground. My life can't be bought with money because of this. We have the NLCA that protects us.

### *Socio-economic Considerations*

- An issue brought up readily in Pond Inlet by lots of people is to have employment opportunities; however Baffinland says they are waiting for project approval from the NIRB.
- Two mines had local but not regional impacts. Any person who hasn't done any research can't speak from their heart. If you haven't seen it, you are basically guessing as to what the impact will be. There are only 2 Elders I used to work with back in the day that are alive today, Pond Inlet residents knew about this iron ore deposit and the Elders stated that Pond Inlet needs to have opportunities that would benefit the whole community. The Elders stated that Pond Inlet needed economic opportunities and as we have the opportunity to be involved in the planning of the mine, the NIRB is hearing from us.
- We would like to ensure that the Milne Inlet area is protected as we go there to hunt and get food. Once the sea ice breaks, the sea mammals start to migrate through there and it's like I'm a protector of all the animals because I care. I do go out hunting and I was born before some of these younger people and I was raised on country food, I built igloo, that's how my wife and I lived off the land. I grew up and was raised on the land and my parents were raised the same way. Today we only talk about economy and we are moving towards living the southern lifestyle. There are people that take drugs and alcohol and all sorts of different things we've never had before. When my father and brother would get ready to go hunting, I would go out with them as my father lived off the land and I loved going out with them. Today it is different as part of our diet consists of store bought food and we can order food.
- I want the whole area protected especially the marine mammals and all land animals. There was no noise, it was pristine, tranquil and all we heard was the wildlife. There are many hazards to the caribou – noise, vibration, and once they hear skidoo noise they run off immediately as it frightens them.
- I moved to Pond Inlet in 2000 and as the Parks Manager I had the opportunity to travel to Arctic Bay. I saw and heard from residents the tough time they went through with the loss of jobs when Polaris mine closed. When I look at Baffinland I see that maybe it's a good idea to extend the length of time they are taking out the ore and reduce the shipping rate numbers, as there is no time for animals to rest from shipping. Reduce the frequency of ships, extend the life of the mine and this would benefit the communities and assist animals in recovering from ship traffic. Once the iron ore is gone there will be a big crash in the region, extending the life of the mine would reduce that impact.
- Inuit have lived here for thousands of years. I don't believe that around Mary River there are no archaeological sites as people of Igloodik, Hall Beach and Pond Inlet always went to Mary River.

- Further archaeological assessments need be done. Southerners just come up for a few weeks and say they have discovered something which the Inuit have known about for thousands of years.
- I am older than some of the scientists and I know where the wildlife are and as a child my parents would go to the Mary River area to go caribou hunting. I recall archaeological sites as a child and used to think perhaps these were the sites my great-great grandparents used some time ago.
- When you make recommendations to the Board, please bring up our comments and concerns. I am sure the federal government will be happy to get project approval as it would be a big source of revenue for them and with the federal government getting benefits at the expense of hunters that go out and will be impacted by ship traffic. We already have supply ships coming through impacting marine mammals. Pond Inlet needs a new airport, new access roads - there are a lot of needs here in Pond Inlet.

### ***Project Monitoring***

- We don't hear a lot about the NIRB even though they are responsible for monitoring our environment. As hunters, we require more assistance from the NIRB or others in protecting the environment as we depend on it for hunting. How can the people of Pond Inlet provide information to the NIRB if we discover that Baffinland is polluting the environment? How can we provide information or assistance to the NIRB on this Project?
- We need long-term research and monitoring. The Inuit are very understanding on the need for long-term studies. I want to go hunting and eat seal but if we are to provide the same opportunity to our grandchildren we want to ensure it is safe for animals to be harvested so they can live long and fruitful lives and that is why we want to have long-term monitoring and research projects. We want assistance from the NIRB on this issue.
- I am what you would call an Inuk of the land. I go on ice, water, snow and sea and would like to go back historically. Nanisivik was created prior to the completion of the land claims agreement and removed large amounts of iron ore shipped for smelting in the south and I was the Qikiqtani president but we had no mandate. The Polaris mine buried all the stuff underground and removed a large amount of ore.
- I am a resident of Pond Inlet and I see benefits with Mary River, while the two other communities never saw benefits from Nanisivik and Polaris. We are tired of seeing benefits going south, we did the land claims the way we did and we know that with the NIRB our environment will be protected and our projects will be monitored.

## **2.9 Arctic Bay**

### **2.9.1 Meeting Information**

**Date**

October 3, 2013

**Time**

3:00-5:00 pm and 7:00-10:00 pm

**Location**

Westside Community Hall



**Photo 6 - Public Information Meeting in Arctic Bay**

## 2.9.2 Comments and Questions

The key issues identified during the NIRB's Information Meeting in Arctic Bay on October 3, 2013 for Baffinland's Mary River ERP proposal are summarized in Table 5 below.

**Table 5: Summary of Comments at NIRB's Mary River ERP Information Meeting- Arctic Bay**

<b>NIRB Information Meeting - Mary River ERP Proposal</b>	
<b>Arctic Bay, October 3, 2013</b>	
❖	Confusion as to project components that have changed with the ERP proposal
❖	Concerns that changes to shipping will cause marine mammals to move out of the area and whether Baffinland will compensate harvesters
❖	Concerns about truck haulage impacting caribou and whether Baffinland will compensate the community for these impacts
❖	Community appears to question the neutrality of studies conducted by Baffinland
❖	Concerns about the release of ballast water in Milne Inlet
❖	Project will provide job opportunities for the younger generation
❖	Concern of balancing economic development with the preservation of the environment and cultural lifestyle
❖	Training provided for the Project is beneficial to the community
❖	Residents of the north Baffin communities should be targeted for Project employment
❖	Concerns that sufficient monitoring should occur to protect the environment
❖	Community wants greater communication/interaction with Baffinland representatives

Comments received from the community of Arctic Bay both orally and in writing have been grouped under general headings below that correspond to topics associated with the Mary River ERP Addendum to the Final EIS.

### ***Issues Regarding the Addendum to the Final Environmental Impact Statement***

- Baffinland had stated they wanted to make changes to their plans and now they stated they want to increase the amount of ore haulage. They changed plans so quickly from what they had originally planned and it seems they are making many changes to their plans very frequently.
- If there are impacts to the environment would there be an opportunity to amend or make changes to the agreement with Baffinland?
- My concern is that Baffinland hires their own consultants and the consultants won't want to go against their boss as they are giving them money and they don't want to say

anything negative because it might be detrimental for the consulting company. If the community is allowed to conduct their own assessment or study, it would be an unbiased study because when you work with someone you don't want to give them bad news. Even though the consultants know there will be an impact, they don't want to communicate it to Baffinland.

- In Iqaluit during the hearing, there were different agencies and even the RCMP and Baffinland discussed their plans saying we will do this in operation and how many employees there will be. It looked like the project was seriously going to go ahead and now they want to change.
- It's a concern for sure but there is already a plan and we will not be able to stop the plan because it is already running.
- The plan will go ahead anyways. We just need to figure out if there will be impacts and what we can do about it.
- How many years will they operate the Mary River project?
- These plans are in place but we don't know in the future if they have plans for after 21 years. All the infrastructure they leave behind, will they bury all of it or take it apart and haul it back down south?
- I don't think there is a Baffinland representative here and they should be encouraged to attend these meetings to work with the NIRB visibly.
- The Baffinland representatives are not here, they could have spoken about these impacts because they need to hear what we say at this meeting but at least the NIRB can pass our concerns to them.
- I want company representatives to come to the community and inform us of their Project, we want constant, ongoing communication.

### ***Terrestrial Environment***

- Right now we are craving caribou very much. The Mary River Project will be blocking migration routes for caribou. Can we ask for caribou from Baffinland if it's found that they have blocked the caribou? The Igloolik walrus too as they will be impacted because the ships will go through year-round through Steensby Inlet. Walrus will be gone and fish too - we want the agencies and institutions to be on top of it.
- We are really concerned about potential impacts that may happen due to the Project especially to the environment.
- Who will be doing the study on impacts on the environment? Is it going to be Baffinland consultants or are there going to be other parties that will do the study?
- It's obvious there will be impacts. I would suggest that Baffinland have all the agreements in place and even with those agreements I want someone to have a proposal or funding like NTI or others that conduct independent studies before and after the Project because there must be a way to find out what the actual impacts of the Project are. If funding is only provided by Baffinland, then parallel studies should be done to

compare with the studies done by Baffinland as those consultants are benefiting economically from doing the studies.

- We are not concerned about the negative impacts as there are ways to mitigate or fix it as wildlife and animals.
- Has Baffinland planned an alternate hunting route if the Tote Road can no longer be used by hunters?
- Is there a plan for monetary compensation to help hunters if they have to change direction because there are other activities going on in the area the hunters normally go to hunt?
- Iron ore will be sent out but we need to look at how communities could benefit in terms of if there is a loss to wildlife. How can we regain that? How can we get compensation?

### ***Marine Environment***

- Now Baffinland wants to change their transportation corridor and it's going to really impact the marine environment and the people of Pond Inlet.
- During meetings Baffinland had related to Parks Canada that there will be over 100 ships travelling back and forth between Milne and overseas and these communities will be impacted because it is a very small ocean to hunt in and marine wildlife will move away.
- Fishing will be impacted too as the fish will be impacted by all the noise and activity and will be scattered somewhere else. The marine wildlife will move out of the Milne Inlet area because of the shipping activity, it seems as though there are no alternate plans to mitigate these impacts.
- Baffinland's plans are to have this shipping activity, we have to ask the NIRB how the people can be protected.
- Our main concern is the shipping and the impact it will have on narwhal, seals and other marine wildlife and if all the marine mammals disappear, hunters cannot harvest marine mammals any longer. Will Baffinland help them? Will Baffinland compensate them?
- My concern is that the shipping and its infrastructure will have an impact to ocean life.
- My concern is that land mammals are different from marine mammals - they can move away but the road is blocking the migration route of caribou. The rail line will have impact on caribou but more seriously, marine mammals will be more impacted as the impacts on changes in the ocean are more long lasting compared to the land.
- If there are impacts to marine wildlife, it will go right through the whole food chain so all will be impacted and none will be left.
- I think I heard that Baffinland stated there may not be any significant impacts when ballast water is released from ships. I believe ballast water from Europe that is released at Milne would impact the area. It would be a better idea if Baffinland ships exchange ballast water off the coast of Newfoundland, get new ballast water from Canadian waters and then continue on to our area.
- Iron ore will only be crushed, it will not be processed so it will not be so bad but the shipping route have an impact on ocean life because if too many ships go there might be

changes to the abundance of marine life. On land, the Tote Road will not be as detrimental.

- Pond Inlet has a very narrow Inlet limited space for them to hunt, marine life may not have space travel to avoid the ships coming in. I know that any kind of noise will certainly have an impact on the hearing and communication of marine mammals as they communicate to each other across large distances. When under water, sound magnifies.
- There has to be more surveys and research done because the marine environment will be impacted. Baffinland would have to do surveys and research on wildlife both terrestrial and marine and we want to see the results.
- The shipping routes and mining activity will impact the ocean but economically we will be better. We still had terrestrial wildlife and marine life but with Nanisivik's ships going through we noticed seals and other marine mammals inside the inlets that had very bad and abnormal internal organs because there was probably some scattering from the ore carriers or whatever that may have been dumped into the ocean from the carriers.

### ***Socio-economic Considerations***

- I am grateful for Mary River as it gives us an opportunity for employment for the young people or those without jobs.
- We are no longer all hunters or have equipment to go hunting. Even with caribou around not everyone will go out hunting caribou so employment at Mary River is a better opportunity for young people.
- We need to see the Project as an economic opportunity for our people as we get good training. Let's try to minimize our negative comments over this project.
- 21 years of operation and within those years, it will be a good opportunity for employment but after it's closed we will miss it more. This is what happened with Nanisivik.
- Those groups that came into the community to do a training workshop and those who are interested in working received training and said it was good. When they completed their training they were able to get hired.
- I'm glad to see that Arctic Bay residents received training and were able to get hired. We have liaison workers and communication workers and we could ask those workers what's happening over at Mary River. I am glad for those that are employed as some of us aren't able to support young people without jobs. At least they are getting independent in that they get an income for themselves.
- It would be nice to get our young people to work at the mine site, as there would be less crime and they would be making money.
- Once the mine gets up into an operational phase there will be less crime.
- People will make more money and be able to provide for their families. I wanted to state that there is a lot of unemployment and we need to ensure they have something to do and are able to afford what they want.

- When Nanisivik closed down, the people of Arctic Bay lost everything, we didn't get any benefit from that. They just buried everything and didn't think of the community. If Mary River has an impact on hunters or the community, they need to pay a royalty and give the communities something.
- Nunavut is our land and our government needs resources but our life revolves around living in the environment - animals and wildlife. If we lose that just to get the economic benefits, we would regret it as we would lose the traditional and cultural life we had before.
- We need to find the balance between the modern demand for economic development and the traditional way of continuing from the land. We agree that we need to find a sustainable way of injecting economic opportunities to Nunavut but I trust the organization and agencies that will look into that with the best interest of the Inuit at heart.
- We have been aware of the Project since the beginning. It is good for us to know how it evolved and the number of Inuit employed. I don't know if any information is available, but the North Baffin Inuit would make a certain number. Nanisivik always said there would be 65% Inuit employment but never reached that as we didn't have any people trained for those jobs.
- Baffinland is training North Baffin residents but I don't know when they would start monitoring the number of Inuit employed. This should be monitored so communities in the North Baffin would be a priority for hiring. It is a concern that Baffinland might hire from the south and North Baffin residents are neglected. As long as Baffinland follows the agreement on the number of Inuit to be hired for the mine, I would support the Project.
- When Mary River is a fully operating mine with permanent employment, how can we ensure that North Baffin communities would still be a priority for hiring to Baffinland? Is there a guarantee that Baffinland will keep with the agreement?

### ***Project Monitoring***

- We need to make sure water quality going into the ocean is researched before and after the Project. Can NIRB make sure that they do that? The rivers flowing to the ocean need to be monitored.
- We need to express our concerns to Baffinland about wildlife and water and the NIRB needs to work with Elders in the community to see how we can monitor and compare the experience of the area before and at the end of the Project because the Project will not go on forever and the monitoring will also stop.
- There should be monitoring done before the mine closes. We didn't have an opportunity to monitor the Nanisivik mine and we didn't know they were changing companies and activities because we didn't have any say in the mine and so if we want the company to give us updates every so often, they should visit communities and give us information,

what are their plans, etc. We need to have constant communication with the company to keep us informed on the status of the mine.

## **2.10 Resolute Bay**

### **2.10.1 Meeting Information**

**Date**

October 4, 2013

**Time**

3:00-5:00pm and 7:00-8:30 pm

**Location**

Resolute Bay Recreation Hall



**Photo 7 - Houses in Resolute Bay**

## 2.10.2 Comments and Questions

The key issues identified during the NIRB's Information Meeting in Resolute Bay on October 4, 2013 for Baffinland's Mary River ERP Project proposal are summarized in Table 6 below.

**Table 6: Summary of Comments at NIRB's Mary River ERP Information Meeting – Resolute**

<b>NIRB Information Meeting - Mary River ERP Proposal</b>	
<b>Resolute Bay, October 4, 2013</b>	
❖	Confusion about ERP Project components, use of both the Tote Road and Milne Inlet for transporting ore
❖	Concerns Project shipping will cause marine mammals to leave the area
❖	More data should be collected from previous mines operating in Nunavut
❖	Hopeful that Baffinland will provide a variety of levels of training
❖	Community members interested in obtaining employment at the mine site
❖	Concerns about NIRB's ability to conduct adequate monitoring
❖	Concerns about compensation for impacts to harvesting

Comments received from the community of Resolute Bay both orally and in writing have been summarized and grouped under general headings below that correspond to topics associated with the Mary River ERP Addendum to the Final EIS.

### ***Issues Regarding the Addendum to the Final Environmental Impact Statement***

- This is likely not the last project we are going to see and I hope the NIRB gets things right in the beginning so it will be better for our communities in the future.

### ***Terrestrial Environment***

- Will the concentrate or ore be going through processing or would it just be shipped?
- Will the ore be going through a mill? If the ore is not going through a mill it will save on emissions.
- The Polaris mine was very bad for dust.

### ***Marine Environment***

- We felt the impact of the Polaris mine in Resolute Bay and there used to be thousands of belugas for years, and when the mine started operation we were lucky if we got 2 or 3 whales. Once the mine closed, the belugas came back again.
- Shipping and mining activities have an impact on marine life. It is a shame Baffinland didn't have baseline information on what had occurred before, during and after the Polaris mine. The NIRB is relying too much on the company providing research and should have their researchers look at other examples to determine the history of issues within Nunavut.

- 40,000 tonne ships were going up to Polaris and now the one going to Pond Inlet will be twice as big and noisy and it's definitely going to have impact on marine life. When the Polaris mine started, the animals changed their migration route. The Polaris mine used 10-12 concentrate ships per year of 40,000 tonnes each. There is no doubt in my mind this Project is going to have an impact on the marine environment.
- Are the ships that will be used by Baffinland artic-rated? The arctic has lots of ice and glaciers breaking off near Greenland and melting everywhere and it is dangerous to ships as multi-year ice can poke holes in ships. It would be good if ships were double hulled.
- If there is a monetary loss amongst hunters in Pond Inlet or Resolute Bay and we have a penalty if they kill a polar bear, is there something similar for marine life? If Pond Inlet residents say they were catching 100 narwhals in the past but when the mine starts they harvest fewer and they start blaming the company, will the company be compensating them?
- How have the residents of Pond Inlet responded to the shipping that is being proposed near Pond Inlet?

### ***Socio-economic Considerations***

- There was already a quota of employees set by Polaris mine and they weren't going to try to hire a lot of unknown employees. The people from here went to the mine and had education for being janitors or labour intensive jobs and I hope that education and training will be available to us at all levels and not just certain jobs for the Mary River Project.
- What is the employment target?
- Can Baffinland come to Resolute Bay and have a job fair?

### ***Project Components and Phases***

- If we say no to the Milne route, they will just find another route.
- I thought the Tote Road was cancelled and that's why they decided on Steensby Inlet. Now they are shipping ore out of both routes?
- If there is no funding for the railway, will the Tote Road be used for the life of the project?
- Concern about the long mine life and all the ore is guaranteed to go to Europe, but what if China came calling and then they start shipping through the Northwest Passage and those 55 ships going through here? We would want an independent NIRB assessment done on this if it is ever proposed that ships go through the Northwest Passage.

### ***Project Monitoring***

- It seems to me that Baffinland is responsible for monitoring on its own and the NIRB may not be able to conduct adequate monitoring.
- When you are monitoring all components, do you have a certain number of years, if there is too much impact in the early part of the project, do you have provision in the NIRB Project Certificate that the company will have to stop and fix the issues? Do you have the power to do that?

## **2.11 Clyde River**

### **2.11.1 Meeting Information**

**Date**

October 7, 2013

**Time**

7:00-8:30 pm

**Location**

Quluaq School



**Photo 8 - Public Information Meeting in Clyde River**

### 2.11.2 Comments and Questions

The key issues identified during the NIRB's Information Meeting in Clyde River on October 7, 2013 for Baffinland's Mary River ERP proposal are summarized in Table 7 below.

**Table 7: Summary of Comments at NIRB's Mary River ERP Information Meeting – Clyde River**

<b>NIRB Information Meeting – Mary River ERP Proposal</b>	
<b>Clyde River, October 7, 2013</b>	
❖	Confusion about the NIRB's assessment process and if we are the Proponent or not
❖	Uncertainty about Baffinland's ERP proposal and the project components
❖	Concerns about Project impacts on wildlife in the Project area
❖	Concern of paving over dewatered lakes along the Tote Road
❖	Concerns of accidents with caribou crossing the Tote Road
❖	Concern for archaeological sites at Milne Inlet and along the Tote Road
❖	Concerns about impacts of shipping on marine mammals including to local diet
❖	Project would bring much needed jobs to the community and residents would like to learn more about obtaining employment
❖	Concerns about Inuit working at the mine site losing their culture and language
❖	Concerns about increased access and use of drugs and alcohol associated with Project
❖	Residents would like further information about training opportunities to work at the site
❖	Project workers should be allowed access to country food at the mine site
❖	Concerns about monitoring of the Project and type of compensation that would be received if Project impacts were identified
❖	Concerns about the depletion of natural resources in Nunavut for economic development

Comments received from the community of Clyde River both orally and in writing have been summarized and grouped under general headings below that correspond to topics associated with the Mary River ERP Addendum to the Final EIS.

#### ***Issues Regarding the Addendum to the Final Environmental Impact Statement***

- What types of problems do you foresee as NIRB staff that may arise as a result of this Project?
- What are the types of things you intend to review?

- I want more information what the NIRB does in terms of approving project, policies. We are not informed at all with regards to this mine, as communities and we are very much impacted. It impacts our culture and language and we need help with that.
- I remember the first time I heard about Baffinland it was 1986 and I was with the QIA and we came to see if residents of Clyde River were aligned with Mary River and I remember there were lots of arguments starting from 7pm till 3:30am on topics you are talking about now.
- There is so much money that is being taken from our land. We have been here for thousands of years and we have been here since the day we were born and I think we are going to see more and more problems in the smaller communities.
- I have been here a long time and I don't like the resources being taken away just like that and I don't like the natural resources depleted. This is my land and there has been so many things taken already from our land just for money.
- Who owns Baffinland? Which company? Are they the sole owners?

### ***Terrestrial Environment***

- You are saying they put mufflers on things with engines. Would it be possible that helicopters not be used at all at the site as they are very loud?
- In 2009 I was on the Hamlet council and we took a plane to Mary River. Pond Inlet residents said there were no male caribou, there was already an effect to that area. We went inland and near the camp there was a lake. People weren't allowed to catch fish from that lake. It looks like the Inuit won't be able to catch any animals near that area.
- There is no hunting allowed at the site and the people working at the site are going to crave country food and yes there are fish in some of the surrounding lakes although there aren't too many caribou around in the area right now.
- Are trucks going to stop if caribou are on the road to make sure the drivers don't kill them? I want to ensure there are no accidents.
- I don't want to see concrete on the road and I don't want any lakes to be dewatered. This is a big concern.
- There are no more caribou and we have to order meat from other communities. I think sometimes that our animals have already been affected and it will keep happening in the future. According to IQ they say the caribou will come back in the future.

### ***Marine Environment***

- I wasn't happy along with the Igloolik people about the proposed port because there are lots of animals in the region. They can harvest walrus, that's their main diet and it's on the route to Igloolik. That's why the Igloolik people don't want to approve this proposal.
- We are concerned about our waters. I think the NIRB and NWB needs to start paying attention to the traffic from ships. There are more ships coming up here and the problems are going to increase.

- When building the road there are lakes that may have fish in them and they may remove the fish and put them in other lakes and dewater some of them. Now we had heard a rumour that they may pave over them and I do not like that idea whatsoever.

### ***Socio-economic Considerations***

- It is very expensive just to live in the North and we know that everything will become even more expensive once the mine is built.
- There are so many people that commit suicide because of how expensive it is to live up here and we need help.
- We need to look more closely when people come up to Nunavut, they will start smuggling things. I want to find out how alcohol can be used properly in Nunavut, if Baffinland works on that instead of just trying to stop it. I have travelled to southern Canada, I can bring as much alcohol as I want and it's positive down there but when it comes up north it becomes a negative thing.
- We used to live in Nanisivik, my husband used to work there for 5 years. The workers there would work from morning to night and there were a lot of workers who would be intoxicated and we would see them crawling on the ground. I am in favour of the no drugs and alcohol policy.
- I didn't mind it when we were going to Mary River and they checked our pockets and suitcases and I asked what they were looking for and they said alcohol and drugs and I was happy with this.
- My daughter has not said anything bad about working for Baffinland but what she really misses is eating country food.
- I would like to see Baffinland buying country food from different communities and bringing it up to the mine site for workers.
- How much are the Inuit going to start losing their language at Mary River or will they be welcome to use the Inuktitut language? Probably using English and French as there will be different workers. Is there going to be problems with different languages?
- Will the leaders of Mary River be people from the community or will we be at the bottom of the pile of workers? I think we need to work on all of these things.
- Is there going to be a culture-oriented school at Mary River?
- We don't want to lose our language. Is there going to be a school built at Mary River as they are going to be up there for a while?
- I have many grandchildren and a lot of my grandchildren don't know about artifacts and don't know how to handle money correctly. Now in relation to that, we have to protect our artifacts and we want to ensure our grandchildren are taught to how manage their money properly and that they don't lose their culture or language as well. If I were to go anywhere in the world to Europe or US, English is the predominant language used around the world. If that were to happen up here, most of us in attendance, we can't go back to our traditional ways of life, we would try our best but I think we are living in a modern

lifestyle and we have to make money and we need money to survive, if we want to have a good and healthy lifestyle.

- There are a lot of us that are looking for employment and some of us don't have full education. I think that we should be trained in our communities. I am also concerned with the wildlife, I am pretty sure they have been impacted already. I have never seen any photos of impacts to animals, but I'm pretty sure they have been. They are our livelihood; I want to ensure there are no negative effects on them.
- As Inuit I think there's a lot of money to be made for us at the Mary River site. Some of us get soapstone from there. I want to ensure that the soapstone would be readily available to us all the time when the mine is there. I want to ensure the Board knows about this so that they can review it.
- We are a very poor community - our economy is not very good. I would be glad for jobs for the people of our community so I want to see that the company hires people from our community.
- Not all of us would gain the benefits of employment at Mary River. For example, NTI produced a hunter support program - very few hunters that benefit from it. Mary River will be exactly like that, the whole population won't benefit from it and probably not even 10% of the community will work there or benefit from it. How can the NIRB help us benefit from this project?
- Right now we depend on money. When I was a kid, my parents were able to live without any money at all. Once when the RCMP came to our outpost camp, it was the first time I ever saw money. They put it on the floor - they were checking to see who was going to grab it. The beauty of the Inuit culture was that money was not needed. When we first got money we put it on clothes to make them look nicer. When animals started disappearing we started having problems. If I try to survive on store-bought food my body will disintegrate.
- Those who have criminal records, have gone to court, this prevents them from getting jobs. Is this going to be the case for employment at Mary River?
- If the people had training and skills they can gain employment at Mary River. Through the IIBA, a person will be able to get a good job through skills development.
- There are a lot of archaeological sites close to the Milne Inlet area, there was no mention of this.
- I have been in Igloolik for quite a while and there are a lot of archaeological sites, traditional camps, tent rings and tent camps along Mary River all the way up to Milne Inlet. I do not want to see any archaeological sites damaged, and want them preserved.
- The Inuit have to know about the artifacts, they have to be excavated and shown. Can there be a report on the effects after the mine closes and the impact it has had on Inuit culture and on the artifacts?
- Our government tells us not to let go of our traditional lifestyle and we want to ensure that we protect and save our artifacts and archaeological sites. I don't wish to see any of

the artifacts damaged, especially from the Milne Inlet area all the way down to the Mary River site. I want to ensure the company knows this and I want to say I am very pleased that the NIRB is going to be holding a final Hearing. I want to re-emphasize that there are archaeological sites at Milne.

- My daughter goes to work at Mary River and although white man's food and Inuit food are to be treated the same, they are not supposed to have country food at the camp. The white man and the Inuit eat different foods. When my daughter goes she gets really hungry for country food. I want the white man and Inuit to be treated the same.

### ***Project Monitoring***

- I wonder if there is going to be a monitor from Baffinland monitoring the area and is going to live up there on a regular basis. How often would the monitors go to the mine site to see if there are changes to the environment? We should ensure the Project is monitored on a regular basis.
- Is air pollution going to be monitored for the Project?
- What are the main issues that go into deciding whether or not the proposal should be approved? Baffinland can make things look so good on paper yet they can be doing something else on site and I would prefer it if there were rotations of monitoring officers to enforce the terms and conditions of the Project Certificate, not just paying a visit once in a while. By the time you get to camp, they could have done something horribly wrong that they have cleaned up and can hide. Make your presence prominent. There was a ship that went down at Nanisivik - the same thing could happen at Milne or Steensby. Make yourselves visible to them at all times.
- In the north, projects go ahead that we are not aware of and projects go on without any follow-up. Mining companies leave lots of things behind. If they leave infrastructure behind, it would be good to give it to the communities and benefit the Inuit.
- I used to work at Nanisivik. When decommissioning started, we wanted to purchase their vehicles but they didn't want to sell us vehicles, citing legal reasons. I wonder if that's going to happen when they start decommissioning Mary River?
- When mining first started in Nanisivik, I used to have meetings there about the environmental impact. It was very contaminated at Nanisivik, I want to ask you what is the current condition of Nanisivik?
- I used to work at Nanisivik. There was a ship that sank between Baffin Island and Greenland. I know that it will happen again and the mining company won't say anything, like in the past. I think nobody has heard of it. The ship was full of minerals. I want to make sure there will not be negative impacts like that and make sure that ships have proper workers that are aware of the environment at all times. If a ship sinks will it be reported?
- The sinking of a ship would have a big effect on marine animals. If the environment is contaminated, how will we be compensated?

### **3.0 SUMMARY AND CONCLUSION**

Community members provided their comments on a variety of topics at the NIRB's public information sessions held as a part of its consideration of Baffinland's Mary River ERP proposal as summarized in sections throughout this Report.

The comments and questions raised during the public information meetings have assisted in the identification of items to be addressed or considered throughout the technical review and the Public Hearing held in January 2014 in Pond Inlet.

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

Location: 1st block  
Time: 3 pm

Page No:

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**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Igloodik  
Time: 7pm

Date: Sept 30  
Page No: 1

Name (Please Print)	Organization or Community	Signature
Michael Seurichand	AANDC	[Signature]
JERRY IYIRAQ		[Signature]
Peter Inalu	Hamlet of Igloodik	[Signature]
NICK ARNATSIAP	BAFFINLAND	[Signature]
LVOGEL MAKIAK	IGLOODIK	[Signature]
Marie Airut	committee for Baffinland	Marie Airut
U D J K -	SELF	[Signature]
Janu Spraght	CKC	[Signature]
CRAD Linton	CBC	[Signature]
THOMAS LUTAK		
ZACHARIAS KEMUK		
Johanny Ouarangad		
P. Pakak Oamanig		P. Oamanig
ROBERT LUTAK		
GEORGE OULAUT		[Signature]
S. K. Blane		
Joe Attagutluk	O. I. A.	[Signature]
Iice Uigaleq	D. J. K.	[Signature]
DAMANT'S UIAVOK		
Brin Thij	SAO Igloodik	[Signature]

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Igloodik  
Time: 7pm  
Date: Sept. 30  
Page No: 2

Name (Please Print)	Organization or Community	Signature
Lazarus Agagag		
Christine Agagag		
David Agagag		
A7C "670"		
HANNA KANATSIAK		
MICHELLE AMHAG		
Jacopi Amaranilik		J.A
Jackie Angutmarik		Ju
602		Orther.
NPD		
Chris Prucather		CHRIS
THOMAS KULU		66C
ANNIE KANGOK		
Billy-Jay Amagag		
Elisapee G		
PAUL AGAGAG		
7-15-16		
Andrew Kyanauk		
SARA ARNATUP		
Bernard Ivalu		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

## SIGN-IN SHEETS

**Location:**

1 globalik

Date:

Sept. 30

**Time:**

from

Page No:

3

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**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

## SIGN-IN SHEETS

Location: Hall Beach  
Time: 3pm

Date: Oct 1. /13  
Page No: 1

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**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Hall Beach  
Time: 7pm

Date: Oct. 1/13  
Page No: 1

Name (Please Print)	Organization or Community	Signature
LYDIA ARVALUK		LYDIA ARVALUK
D. ARVALUK		CO 420
JOE. N. PIALLAQ		
Janice		
PAUL HAVILL	(MAYOR)	Paul Havill
Johann Pelage	CANNOR - NPMU	Johann Pelage
Dr POU	Self	At - mail
ACHA 420		
D. Oonatsing	BIMC	nlp
Valene Curley		V Curley
Clara UKALIK		
David Aglek		David Aglek
AND ASSIGATIK		
Nancy Olavik	Rec Coordinator	
Eric Tungilik	Youth committee	E. Tungilik
Lucy Tuvagig		
NAMUALL		
Jayko Simonne	Public	J. Simonne
SAM. A		
TINA ALLANAK		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Hall Beach  
Time: 7am

Date: Oct. 11/13  
Page No: 2

Name (Please Print)	Organization or Community	Signature
Milynnie <del>from</del> Park		
Scott Thornhill	Housing	<i>Scott Thornhill</i>
TRACY LAINO	Hamlet	<i>Tracy Laino</i>
Lola Pkuyak	Baffinland	<i>Lola P.</i>
Anna Kadlutsiak		
Rhoda Maliki		<i>Rhoda Maliki</i>
Debbie Andlaksak	JCR Instructor	<i>Debbie Andlaksak</i>
Tristane Qammarig		<i>Tristane Qammarig</i>
Caleb Qanatsiaq	Youth Committee	<i>C. Qanatsiaq</i>
Lizzie Rnipakutsak		<i>Lizzie Rnipakutsak</i>
Jayco Amag		<i>Jayco Amag</i>

Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions

## SIGN-IN SHEETS

Location: Pond Inlet  
Time: 3pm

Date: Oct. 2/13  
Page No: 1

Name (Please Print)	Organization or Community	Signature
Joshua Arrect	Pond Inlet	Joshua Arrect
<del>Joshua Arrect</del>	<del>Pond Inlet</del>	<del>Joshua Arrect</del>
Abraham Kublu	Hamlet of Pond Councilor	A. Kublu
Shelly Elverum	Hamlet Councilor	Shelly Elverum
MATTHIAS	H.T.O	Matthias
Titus Arnakkallak	Mary River Project Com.	Titus Arnakkallak
Levi Koonark	Pond Inlet	Levi Koonark
Michael Seurhand	AANDC	Michael Seurhand
Yadon Seurhand	L.A.Y. Inc.	Yadon Seurhand
Carey Elverum	Park's Canada	Carey Elverum
Amey Ablak	HTO	Amey Ablak
<del>Amey Ablak</del>	Public	<del>Amey Ablak</del>
Joe N'...	Inuk Joe	Joe N'...
Winnie Rammanig		Winnie Rammanig
Tina Enokelo	Hamlet of Pond Inlet	Tina Enokelo
Rene Stasak		Rene Stasak
Nellie Enokelo		Nellie Enokelo
Joanne Maklar	Hamlet of PI	Joanne Maklar
Helen Kipeapik		Helen Kipeapik
Oliver Sudders	Hamlet of PI	Oliver Sudders

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

## SIGN-IN SHEETS

Location: Pond Inlet  
Time: 3pm

Date: Oct. 2/13  
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**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

## SIGN-IN SHEETS

Location: Pond Inlet  
Time: 7pm

Date: Oct. 2/13  
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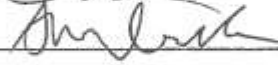




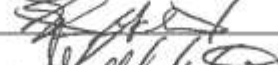
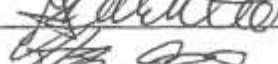

Name (Please Print)	Organization or Community	Signature
Michael Seuehand	AANDC	
Jordan Angenstrom	Pond Inlet	
Johann Pelage	CANNOR - NPMU	Johann Pelage
Shelly Elverum	Hamlet Council	Shelly Elverum
Carey Elverum	Parks Canada	
Erooke Inuarak	QIA Rep	
Dennis Munnison	Hamlet Council	Dennis Munnison
Matthias Q	H.T.O	Matthias Q
HAM KADLOO		
David Pompanon		
YADU R-N	H.B. R.N.C.C.	J. K. K. K.
T. OOTOOK	M.L.C.	
Rebecca	Pond Inlet	R.B.
Tanika Patacosin		T.P.
Ruthie Quil		
Stephen Dicks	Parks Canada	Stephen Dicks
QAW KOOKA RUK	B.M.C.	
Joe Q. Q.	Inuk Joe	Joe Naslak
Abraham Kubili	Hamlet Council	A. Kubili
CALEB SAWYIA	B.L.R.C.	

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Pond Inlet  
Time: 7am

Date: Oct. 2/13  
Page No: 2

Name (Please Print)	Organization or Community	Signature
Amy Aglak	Mittimatalik HTO	
h c A at		
Achmadaga		
Lee Inuusk		
ELA o P-eh		
Ena mucklar		
LOO h J		
Samuel Koo		
Simon Merkusal		
Moses Koo		
L. P. K. P. K. P.		
SHAM Omik		
David Erkl		
JAKE ANAWAK		
Elijah Erkl		
Gersoni Killikie		
Hannah Quavag		
okokko		
REBEY SWOODK		
J. S. S. S.		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Pond Inlet  
Time: 7pm

Date: Oct. 2/13  
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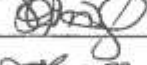
Name (Please Print)	Organization or Community	Signature
Andra Innuvaga		Andra Innuvaga
ELIJAH PAVIPALAKTO		
Tommy August 888		Tommy August 888
Jesse Nutavak		Jesse Nutavak
Catherine Pariloo		
Colin Saunders	Hamlet of P.I.	Colin Saunders
Johnny Lee		Johnny Lee
Mackie A		
Leta Kgal		
Cornelius K. Natarak	Mary River Committee.	Cornelius K. Natarak
DORCAS ERKICO	—	DORCAS ERKICO
JO ATAGOOTAK		
LEO PAVIPALAKTO		LEO PAVIPALAKTO
Nellie G		Nellie G
Joe Nesob	Pond Inlet	Joe Nesob
Abraham Kinnuk	" "	Abraham Kinnuk
LUDY PUDIAK	" "	LUDY PUDIAK
REGILEE OOTAK		
GARKICJC		
David Surstok	Hamlet of Pond	David Surstok

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Pond Inlet  
Time: 7pm

Date: Oct. 2/13  
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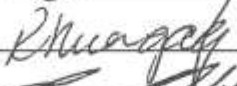
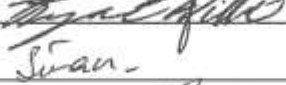

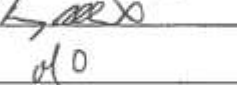
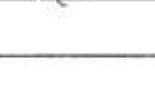

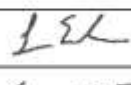
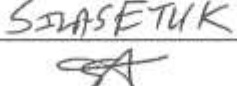
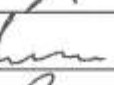
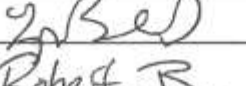
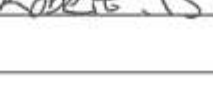

Name (Please Print)	Organization or Community	Signature
Maggie Ganguz		
Raymee Ang		Raymee
M. Simonie		Mary Simonie
N. Simonie		Norman Simonie
S. Simonie		Steven Simonie
Rachel Sugslak		Rachel Sugslak
Peter Enoek		Peter Enoek
Amon Ootook		Amon Ootook
ESA OANAK		
David Qamanig		
Leah Qamanig		
Jason Angnetiak		Jason Angnetiak
Eleanor Amreak	Hamlet Council	Eleanor Amreak
Paul moufa		
Simon Pdr	H.T.O	Simon Pdr
Rhiz		
Jason Asik		Jason Asik

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Arctic Bay  
Time: 3pm





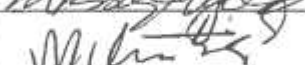
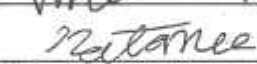
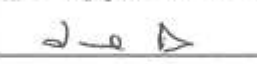




Date: Oct. 3/13  
Page No: 1

Name (Please Print)	Organization or Community	Signature
Ged's Reid	Arctic Bay	
Rita Nungaq	Arctic Bay	
Dylan Willie	Arctic Bay	
Tina Muchpaloo	Arctic Bay	
Jaypiti Inuitiq	Arctic Bay	
Kenny Allucut	Arctic Bay	
Moses Oukukuk	ARCTIC BAY	
1234567890		
Tommy Inuitiq		
David Ounnag		
Valerie Ounnag		
Lena Kaluk		
Leo Eechuk	ARCTIC BAY	
SILAS ETUK	Arctic Bay	
Quah Ablo	"	
SUSANNA BARNABAS	Hamlet Rep.	
Lynne Barnabas	ARCTIC BAY	
Robert Barnabas		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**





Location: Arctic Bay Date: Oct. 31/13  
Time: 7pm Page No: 1

Name (Please Print)	Organization or Community	Signature
Mishak Allurot	Arctic Bay	
Thomas Loui	Arctic Bay	
Jayko Tatatuapik	" "	
Leonie Eechuat	Arctic Bay	
Martha Isangayuk	Arctic Bay	
MATHEW INULTIQ	BAFFINLAND	
Nataniel Oukuluk	Arctic Bay	
Koonoo O		
ADJ. CCYAL		
Tommy tatatuapik		
Joe Aukapik		
Sarah Alooioo	Arctic Bay	
Nicola Ananyumyuk		
OLAYUK NAQTARUK		
IKELY K		
LE 2 PCCK		
Michael Sewchand	AANDC	
Emma Oukuluk		
Qaumayug O.		
Joelie QAUVAQ		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: **Arctic Bay** Date: **Oct. 3/13**  
Time: **7pm** Page No: **2**









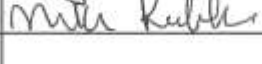
Name (Please Print)	Organization or Community	Signature
Leata Qaurnaq	Arctic Bay	
Kenneth Barnabas	Arctic Bay	
Joshua Ejangag Terry	Arctic Bay	Joshua Ejangag.
Philip A.		
MARY A.		
Levi Barnabas	Arctic Bay	
Sheba Ejangag	"	"
Mike Kigutag	"	"
Grace Aola	"	"
Darryl Levi		
Joseph J. J. J.	"	
Andy Alodoo		
Lynne Bernier		
Jimmy Enooqoo	Ikpiarjuk	IF A QJ
SELAS ETUK		SELAS ETUK
Amanda Attagutsiak		
Bernie Attagutsiak		
DAVIDE IQAQRUK		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Arctic Bay  
Time: 7pm

Date: Oct. 3/13  
Page No: 3

Name (Please Print)	Organization or Community	Signature
Lena Igagrialu	Arctic Bay	
Zey Cdec Enogao	Arctic Bay	
MARTHA ATTIAQ	Arctic Bay	
JOSIE ATTIAQ	" "	
Jordan Muckpt	" "	
Dorothy Oupkuluk	Arctic Bay	
Ryan Willie	" "	
<del>Selma Y. P. Williams</del>	<del>Arctic Bay</del>	
Dee C. Gault	Arctic Bay	
S. P. Gault	Arctic Bay	
Jasmine Igagrialu	Arctic Bay	
Nora Eechak	Arctic Bay NU	
Carrie Shooeyok	Arctic Bay	
LEANNIE JOSEPH	Arctic Bay	
Miki Kublu	Arctic Bay	
Gynthia Barnabas	Arctic Bay	
Ragilee Allagutsiak	Arctic Bay	

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

## SIGN-IN SHEETS

Location: Resolute  
Time: 3pm

Date: Oct. 4/13

Page No: 1

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**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

## SIGN-IN SHEETS

Location: Resolute  
Time: 7pm

Date: Oct. 4/13  
Page No: 1



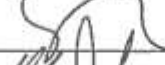

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**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Clyde River  
Time: 7pm

Date: Oct. 7/13  
Page No: 1

Name (Please Print)	Organization or Community	Signature
Luisivi Pannico	ILT	
Clayton Kalluk	BCLO	
Tineka Simmons	CANOR	
Michael Sewchand	AANDC	
Tapiha Apak		
Morty Iqalukjuak		
NOAH KALUTU		
← P →		
Dora Tappady		
A. A. A. A. A.		
AS 179050		
SAR 171050		
Annie Iqalukjuak		
Joamie Apak		
AP 179050		
ESR Sanyapa		
CD 179050		
AY 179050		
LC 179050		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: *Clyde River*  
Time: *7pm*

Date: *Oct. 7/13*  
Page No: *2*

Name (Please Print)	Organization or Community	Signature
<i>ΔΔΔ ΔΔΔΔ</i>		
<i>Mary Illaup</i>		
<i>cf. 2001</i>		
<i>ΔΔΔ ΔΔΔΔ</i>		
<i>ΔΔΔ ΔΔΔΔ</i>		
<i>Josua Atungut</i>		
<i>Sam Palituy</i>		
<i>Marie Oqallak</i>		
<i>Emine Oqallak</i>		
<i>Nancy Palituy</i>		
<i>Jack Hare</i>		
<i>Abby Tugullorag</i>		
<i>Christa Jaymady</i>		
<i>Jeffrey Kasekicisik</i>		
<i>Kevin Audbiklak</i>		
<i>Susanna Qayaq</i>		
<i>ESA. QELUAD</i>		
<i>Josua Oqallak</i>		
<i>Mossie Kattik</i>		
<i>Sam Igrogag</i>		

**Nunavut Impact Review Board  
Baffinland Iron Mines Corp. – Mary River Early Revenue Phase  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: *Clyde River, NU*

Date: *October 8<sup>th</sup>, 2013*

Time: *7:00 pm*

Page No: *3*

Name (Please Print)	Organization or Community	Signature
<i>Lucasie Kudlukie</i>		

## APPENDIX B – NIRB’S POWERPOINT PRESENTATION

ወደብን ለደበርሲኦቲክ ክብራችን  
 ለልዩነታችን ለሕይወታችን ለልዩነታችን  
 ለሀይለማርያም ለሕይወታችን ለልዩነታችን  
 Mary  
 ለወደብን ለደበርሲኦቲክ ክብራችን  
 ለልዩነታችን ለሕይወታችን ለልዩነታችን  
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 ለወደብን 30 - ለኃላፊ 7, 2013

- የፖለቲካ ሚኒስትሮች ልማት ማረጋገጫ ስልጣን?
- ሚኒስትሮች ልማት ማረጋገጫ ስልጣን ማረጋገጥ የሚችል ማረጋገጫ ስልጣን
- ሚኒስትሮች ልማት ማረጋገጫ ስልጣን ማረጋገጥ የሚችል ስልጣን
- የሚኒስትሮች ልማት ማረጋገጫ ስልጣን ማረጋገጥ የሚችል ስልጣን
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- ሚኒስትሮች ልማት ማረጋገጫ ስልጣን ማረጋገጥ የሚችል ስልጣን

# NIRB's Mission:

To protect and promote the well-being of the environment and Nunavummiut through the impact assessment process



**ᑕᓴᖅᐱᒃᐸᓚᓂᓄᖅ:**

ᓄᓇᓁᔭᖅ ᐋᓐᑎᓕᓂᓂᐊᓐᓂᖅ ᑲᑎᓚᓂᓄᖅ ᑕᓴᖅᐱᒃᐸᓚᓂᓄᖅ  
 ᓴᓶᓶᓚᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ ᓴᓶᓶᓂᓄᖅ ᓴᓶᓶᓂᓄᖅ ᓴᓶᓶᓂᓄᖅ  
 ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ  
 ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ  
 ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ ᐋᓐᑎᓂᓄᖅ



- Monitor projects that have been approved to proceed

[illegible]

```

graph TD
    A([Proponent Application for permission to do work]) --> B([NIRB])
    B --> C[Screening]
    C --> D[Board's Screening Decision]
    D --> E([Minister])
    E --> F[NIRB Review]
    F --> G[Board's Hearing Decision]
    G --> H([Minister])
    H --> I[Project Certificate]
    I --> J[Monitoring]
  
```

```

graph TD
    A([Acquisition of network traffic]) --> B([NetFlow])
    B --> C[IPNetFlow]
    C --> D[DoS Detection]
    D --> E[DoS Detection Result]
    E --> F[DoS Detection Result]
  
```

**2008**

NRB Screening Decision, NLCA 12.4.4 (b)

DEIS Technical Review

PEIS Technical Review

**2009**

Minister refers project for Review

Technical Meeting

Final Hearing

Issue Scoping and EIS Guideline Development

Pre-Hearing Conference & NRB Decision

NRB Reports to the Minister

Minister's Decision

NRB receives DEIS

NRB receives PEIS

Internal Conformity Review to EIS Guidelines

Internal Conformity Review to PHC decision

NRB Project Certificate

**2012**

The flowchart is titled "SOP # 150 - 10". It outlines three parallel processes for different types of applications, each represented by a different color: yellow for "NEW or RE-ENTRY", green for "RE-ENTRY", and blue for "RE-ENTRY". Each process follows a similar sequence of steps, indicated by downward arrows.

- Yellow Process (NEW or RE-ENTRY):**
  - Step 1: NEW or RE-ENTRY APPLICATION (NRE 12443)
  - Step 2: FORM SUBMISSION
  - Step 3: APPLICATION (APPLICATION 12443)
  - Step 4: NRE of Application (NRE 12443)
  - Step 5: APPLICATION (APPLICATION 12443)
- Green Process (RE-ENTRY):**
  - Step 1: RE-ENTRY APPLICATION (NRE 12443)
  - Step 2: FORM SUBMISSION
  - Step 3: APPLICATION (APPLICATION 12443)
  - Step 4: NRE of Application (NRE 12443)
  - Step 5: APPLICATION (APPLICATION 12443)
- Blue Process (RE-ENTRY):**
  - Step 1: RE-ENTRY APPLICATION (NRE 12443)
  - Step 2: FORM SUBMISSION
  - Step 3: APPLICATION (APPLICATION 12443)
  - Step 4: NRE of Application (NRE 12443)
  - Step 5: APPLICATION (APPLICATION 12443)

Each step is accompanied by a small icon in a circle, likely representing a specific action or document type. The flowchart is set against a dark blue background.

## 91

## NIRB Monitoring

- Responsibilities:
  - Ensure terms and conditions are followed
  - Monitor the authorizations and permits granted by government and QIA
  - Evaluate the actual impacts to the environment and people



## The NIRB Reconsideration Process

- NLCA 12.8.2:**  
NIRB may upon its own accord or upon application by a DIO, the proponent, or other interests, reconsider the terms and conditions contained in the NIRB certificate if it is established that:
- a) the terms and conditions are not achieving their purpose;
  - b) the circumstances relating to the project or the effect of the terms and conditions are significantly different from those anticipated at the time the certificate was issued; or
  - c) there are technological developments or new information which provide a more efficient method or accomplishing the purpose of the terms and conditions.

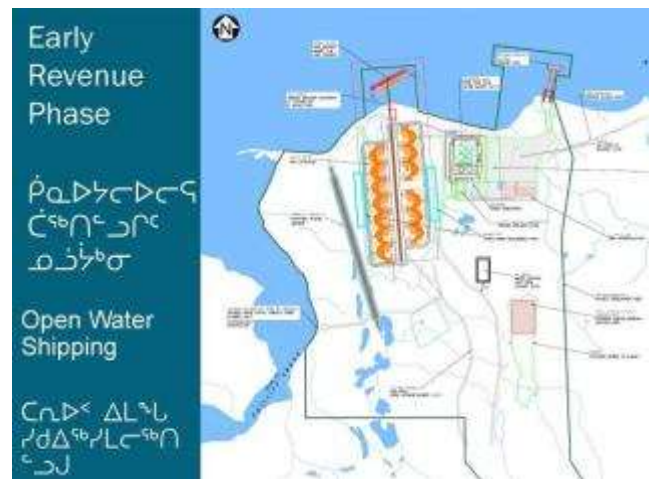


## The NIRB Reconsideration Process

- 
- ```

graph TD
    A[Final Environmental Impact Statement Addendum] --> B[Technical Meeting]
    B --> C[Final Written Submissions]
    C --> D[Public Hearing]
    D --> E[Recommendation to the Minister]
  
```
- The flowchart illustrates the final review process, starting with the 'Final Environmental Impact Statement Addendum', followed by a 'Technical Meeting', 'Final Written Submissions', a 'Public Hearing', and finally a 'Recommendation to the Minister'.





| FEIS Addendum – Findings |                                                                                                                                                                                                                                                      |                                                                                                               |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Atmospheric Environment  |                                                                                                                                                                                                                                                      |                                                                                                               |
| VEC                      | Potential Impacts                                                                                                                                                                                                                                    | Mitigation                                                                                                    |
| Climate Change           | Very little effect predicted on cold deep permafrost over the planned life of Project. Small increase in GHG emissions from ERP expected, not significant relative to larger amount produced by Approved Project and very small on a national scale. |                                                                                                               |
| Air Quality              | One handling, driving on access roads, emissions from power plants, truck and incinerators expected to reduce air quality                                                                                                                            | Use of low-sulphur diesel and modern emissions control on equipment and dust suppressants to reduce emissions |
| Noise                    | ERP activities expected to increase noise levels – limited to areas close to the activities                                                                                                                                                          | Use of mufflers and regular maintenance on engines and equipment to reduce noise                              |

[illegible]

| VEC                                       | Potential Impacts                                                                                                                      | Mitigation                                                                                                                                                                                                                    |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Landforms, Soil and Permafrost</b>     | The Project area contains frozen soils that contain ice lenses that could shift under pressure                                         | Sensitive landforms - mostly avoided, appropriate engineering design used to protect sensitive areas where avoidance is not possible. Site preparation – include proper drainage to prevent pooling water during thaw periods |
| <b>Vegetation</b>                         | Amount of vegetation affected is minimal compared to amount of regional vegetation                                                     | ERP facilities designed to minimize amount of land disturbed. Dust suppression to prevent significant dusting on vegetation                                                                                                   |
| <b>Terrestrial Wildlife &amp; Habitat</b> | Caribou main indicator. Main ERP interaction expected to be collisions with trucks. Numbers expected to be limited and not significant | Strict speed limits for trucks to decrease the probability of collisions. Trucks required to stop if wildlife is observed on or next to the road.                                                                             |
| <b>Birds</b>                              | Small, but not significant habitat loss expected from ERP activities.                                                                  | Prior to starting ERP activities, nests and nesting areas would be identified and avoided where possible until fledglings have left the nests.                                                                                |

[illegible]

| VEC                                  | Potential Impacts                                                                                                                                                                                                                                                                                | Mitigation                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface Water & Sediment Quality     | Increase in volume of treated sewage discharge and increase in air emissions due to ERP activities assessed to not significantly impact surface water and sediment quality                                                                                                                       | Management and monitoring plans to be updated to include ERP will be used to manage potential effects to surface water and sediment quality                                                                                                                                                                         |
| Water Quantity                       | Increase in water withdrawal volume for increased camp population, increase in treated sewage discharge and minor flow diversions due to ERP activities assessed to not significantly impact water quantity                                                                                      | Mitigation performed during selection process – desktop assessment, collection of bathymetric data on best candidate waterbody for withdrawals                                                                                                                                                                      |
| Freshwater Aquatic Biota and Habitat | Impacts to Arctic Char habitat due to: 1) Footprint and stream crossings at Mine Port, 2) Increased water withdrawals, dust deposition at the Port and along road; 3) Changes to dust deposition at Mine Site; and 4) Increased sewage discharge volume. Effects were assessed to be negligible. | 1) Avoid or minimize effects on water and sediment quality<br>2) Avoid or minimize Project footprint and habitat alteration<br>3) Avoidance of Project footprint in Arctic Char spawning habitat<br>4) Use of low-sulphur diesel ; modern emissions control on equipment and dust succreassants to reduce emissions |

[illegible]

| VEC                             | Potential Impacts                                                                                                                                                                                                                         | Mitigation                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Marine Water & Sediment Quality | Changes in effects on marine water and sediment quality from ERP activities expected to be not significant                                                                                                                                | Port activities will be managed to protect marine environment.<br>Wastewater will be treated before discharge, runoff water quality will be monitored before discharge.<br>Ship to shore fuel transfers as per Canada Shipping Act                                                                         |
| Marine Habitat & Biota          | Ballast water assessed to be only slightly different from water in Milne Inlet (temperature and salinity).<br>Ballast water assessed to not significantly alter water quality                                                             | Strict procedures in place to make sure ballast water does not introduce invasive species. Ships would meet all regulations to limit this risk.                                                                                                                                                            |
| Marine Mammals                  | Ringed seals, bearded seals, walrus – effects assessed as not significant<br>Narwhals, Beluga whales and Bowhead whales – effects unknown<br>Polar bears – small increase in human-bear interactions, effects assessed as not significant | Ongoing monitoring required on impacts to Narwhals, Beluga whales and Bowhead whales to detect unexpected effects on these species due to open water shipping in Milne Inlet.<br>Project personnel would be educated about bear safety and strict waste management.<br>Polar bear monitors would be hired. |

| FEIS Addendum – Findings |                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| People                   |                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                            |
| VSEC                     | Potential Impacts                                                                                                                                                                                           | Mitigation                                                                                                                                                                                                                                                                                                 |
| Education & Training     | Demand for labour expected to exceed the supply capacity of the local labour force.                                                                                                                         | Baffinland is committed to training residents of the North Baffin to upgrade skills. Baffinland would support training programs to enable residents to develop the skills needed for every phase of the ERP.                                                                                               |
| Human Health & Wellbeing | Challenges with fly-in, fly-out work recognized.<br>Concern on effects of ERP (and Approved Project) on the transport of illegal substances through Project sites and the affordability of these substances | Steps would be taken to help workers and families with rotational work. Orientation and training would be provided to workers and families to adapt to work rotations and improve money management. Baffinland has a strict no-drug and alcohol policy. Addiction counseling would also be made available. |

| VSEC                                       | Potential Impacts                                                                                                                                                                                 | Mitigation                                                                                                                                                                                                                  |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Community Infrastructure & Public Services | Project is expected to create competition for skilled workers                                                                                                                                     | Employment experience and on-going training would improve labour force capacity and equip residents with qualifications and experience. Increased competition is expected to be balanced by increased capacity.             |
| Resources & Land Use                       | Publicly-owned land is expected to interact with existing land uses by rail                                                                                                                       | Measures to support traditional land use would include check-in procedures at publicly-owned sites and a focus on safe use for the Mine Inlet Tote Road.                                                                    |
| Livelihood & Employment                    | Increase of labour demand by 43% for Project with Publicly-owned land. There may be specific following end of construction phase for workers who do not/cannot upgrade skills for operation phase | Baffinland is committed to training residents of the North Ball to upgrade skills. Baffinland would support training programs to enable residents to develop the skills needed for every phase of the Publicly-owned land.  |
| Cultural Wellbeing                         | Archaeological sites have been identified in Publicly-owned areas                                                                                                                                 | A number of important archaeological sites would be avoided by relocating Publicly-owned infrastructure and other would require protection through excavation, mapping and artifact retrieval by a certified archaeologist. |

| FEIS Addendum – Findings             |                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Economy                              |                                                                                                                                                                                                                                                                                                                                   |
| VSEC                                 | Potential Effects                                                                                                                                                                                                                                                                                                                 |
| Economic Development & Self-Reliance | Direct and indirect economic growth expected to be generated by ERP.                                                                                                                                                                                                                                                              |
| Contracting & Business Opportunities | ERP expected to enhance labour force capacity and may increase Inuit business capacity. Businesses may gain opportunities to expand through supply of services to ERP.<br>Baffinland would commit to helping smaller Inuit firms located in Baffin communities to develop capacity to bid on and carry out contracts for the ERP. |
| Benefits, Taxes & Royalties          | ERP expected to provide substantial cash payments to Inuit organizations and to government. These are expected to arise through the IIBA as well as royalty payments for iron ore to NTL. Payment to Government is expected to take the form of fuel taxes, property taxes, and taxes on profits earned by Baffinland.            |

[illegible]


## NPC-NIRB Joint Review of Transportation Corridor

- Opportunities for public participation
- Additional community visits
- NPC would recommend to Minister of Aboriginal Affairs and Northern Development Canada to allow a transportation corridor or not
  - Minister may amend the North Baffin Regional Land Use Plan to include a corridor

- ## Next Steps and Getting Involved
- Technical review comments due October 18, 2013
  - Technical meetings to discuss the information in the Addendum to the Final Environmental Impact Statement
  - Public Hearing

## Next Steps and Getting Involved

- Technical review comments due October 18, 2013
- Technical meetings to discuss the information in the Addendum to the Final Environmental Impact Statement
- Public Hearing

- # Your opinion matters!
- ᐃᓕᑦᑎᓂᒃ ᐸᑖᑦᑎᓂᓄᔪᓗ!
- What do you think about this Project?
  - What potential impacts of this Project are of concern to you?
  - ᐅᓇ ᐱᓕᑦᑎᓂᓄᔪᓗᔪᓚᓂᓄᔪᓗ ᐃᓕᑥᑎᓂᓄᔪᓗ?
  - ᐸᑖᑥᑎᓂᓄᔪᓗᔪᓚᓂᓄᔪᓗ ᐃᓕᑥᑎᓂᓄᔪᓗᔪᓚᓂᓄᔪᓗ ?
- 
- A close-up photograph of a person's hand gripping a silver handheld microphone against a dark background.

[illegible]

- 100

[illegible]

- የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር
- የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር
- የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር
- የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር የጋራ ልማት ሚኒስቴር

## የኢትዮጵያ ፌዴራላዊ ዲሞክራሲያዊ ሪፐብሊክ

- የፌዴራል ፖሊስ የፍትሕ ሚኒስቴር ደረጃ ስርዓተ ምዝገባ 18, 2013
- የፌዴራል ፖሊስ የፍትሕ ሚኒስቴር ደረጃ ስርዓተ ምዝገባ 18, 2013
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- የፌዴራል ፖሊስ የፍትሕ ሚኒስቴር ደረጃ ስርዓተ ምዝገባ 18, 2013

- ## Summary
- Baffinland allowed to proceed with Mary River – Project Certificate issued with 182 Terms and Conditions
  - Baffinland proposes to include Early Revenue Phase – not included in assessment and in Project Certificate
  - NIRB must determine if Early Revenue Phase should be allowed, and if yes, what changes to the Project Certificate are needed
  - What do YOU think?

# Summary

- Baffinland allowed to proceed with Mary River – Project Certificate issued with 182 Terms and Conditions
- Baffinland proposes to include Early Revenue Phase – not included in assessment and in Project Certificate
- NIRB must determine if Early Revenue Phase should be allowed, and if yes, what changes to the Project Certificate are needed
- What do YOU think?

1. *Journal of the American Medical Association*, 2000; 284: 2689-2695.



## APPENDIX C – PUBLIC MEETING NOTICE MATERIALS

### Appendix C-1 Public Meeting Flyer Samples (*English and Inuktitut*)

[illegible]

## **Appendix C-2 Radio Announcement Samples**

### *Radio Announcement for Arctic Bay (English and Inuktitut)*

September 23, 2013

Public Service Radio Announcement

Hello Arctic Bay Radio Station members,

The Nunavut Impact Review Board (NIRB) will be coming to visit your community on October 3, 2013 and we would greatly appreciate your assistance in helping us make this visit a success.

We kindly ask to please air this announcement once or twice a day in English and Inuktitut if possible, starting today, September 23, 2013 and run it until the date of our meeting: October 3, 2013.

If you have any questions, please call Jaswir Dhillon toll free at 1-866-233-3033. We look forward to seeing you soon.

Thank you.

Nunavut Impact Review Board

---

### **Public Service Announcement**

The Nunavut Impact Review Board (or "NIRB") is holding Community Information Meetings to discuss the Board's reconsideration of the NIRB's Project Certificate for Baffinland's Mary River Iron Mine Project.

The NIRB invites everyone to attend and learn more about:

- The scope of the proposed MARY RIVER project
- The NIRB's Project Certificate reconsideration process
- How members of the public can participate in the NIRB's Review

**The NIRB will be hosting meetings at the Westside Community Hall on Thursday, October 3<sup>rd</sup>.**

- **An open house will run from 3-5 pm – come out and speak with the NIRB staff**
- **A public meeting will start at 7:00 pm – a presentation will be given and you will have a chance to ask questions and state your comments about the proposed reconsideration of the Mary River project proposal**

Come out to the NIRB's meetings and have coffee or tea. Door prizes will be given away and the NIRB staff will be listening to your questions and comments – you can participate in the NIRB's assessment of the Mary River project proposal by sharing your thoughts and questions with the staff who will be visiting your community.

### Appendix C-3 Newspaper Advertisement Samples

*Newspaper Advertisement (English and Inuktitut)*

# Nunavut Impact Review Board

## NOTICE OF PUBLIC MEETINGS



The Nunavut Impact Review Board (NIRB) is an Institution of Public Government with responsibilities for the environmental assessment of proposed projects in Nunavut as described in Article 12 of the Nunavut Land Claims Agreement (NLCA).

**MARY RIVER "Early Revenue Phase" Proposal  
Community Information Meeting**

The NIRB has scheduled Public Meetings to discuss Baffinland Iron Mine Corp.'s "Early Revenue Phase" proposal and the process for reconsideration of the terms and conditions of the Mary River Project Certificate pursuant to NLCA 12.8.2.

The NIRB invites the public to attend these meetings to learn more about:

- The scope of the proposed **MARY RIVER** project
- The NIRB's Project Certificate **reconsideration process**
- How **YOU** can participate

This is an opportunity for **YOU** to **ask questions** and **provide input** into the NIRB's assessment!

| Community           | Location                | Date         |
|---------------------|-------------------------|--------------|
| <b>IGLOOLIK</b>     | Community Hall          | September 30 |
| <b>HALL BEACH</b>   | Community Hall          | October 1    |
| <b>POND INLET</b>   | Attakaalik Hall         | October 2    |
| <b>ARCTIC BAY</b>   | Westside Community Hall | October 3    |
| <b>RESOLUTE BAY</b> | Hamlet Gym              | October 4    |
| <b>GRISE FIORD</b>  | Community Hall          | October 5    |
| <b>CLYDE RIVER</b>  | Parish Hall             | October 7    |

**Meeting times to be announced on local radio stations,  
cable channels, and posted flyer advertisements**

---

Snacks and refreshments will be served  
**Simultaneous Inuktitut interpretation will be provided**

**Contact us!**

**Nunavut Impact Review Board**  
 PO Box 1360, Cambridge Bay, NU X0B 0C0  
 Phone Toll-Free: 1-866-233-3033  
 Email: [info@nirb.ca](mailto:info@nirb.ca)  
 Fax: 1-867-983-2594

[illegible]