



# **AGNICO EAGLE**

**AGNICO EAGLE MINES**

## **Waterline Consultations Report**

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**JULY 2020**

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## 1. PRELIMINARY CONSULTATIONS AND FIRST ROUND OF PUBLIC CONSULTATIONS

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Agnico Eagle conducted a preliminary phase of consultation with Rankin Inlet key stakeholders from January to March 2020. Photos of the consulting events are in *Appendix I*. Different stakeholders were met to discuss the waterline project. The following key stakeholders were met during this preliminary phase:

- KIA - Land Department;
- Stakeholders along the by-pass road (DoD, GN Airports, GN Parks, Rankin Inlet Gun Club);
- Rankin Inlet Hamlet;
- Rankin Inlet HTO;
- Rankin Inlet Elders;
- Rankin Inlet Public.

A communications campaign to raise awareness on the proposed Meliadine Waterline Project took place in February prior to the consultations. This campaign focused on providing information on Agnico Eagle's water management process and included:

- On February 19, 2020: a booth with Meliadine Environment staff at the Northern Store (20 people reached)
- Facebook posts
  - 3 "Did you know?" Facebook posts (2,900 people reached)
- Radio spots
- "Coffee and Chat" at our office in Rankin Inlet on March 4, 2020 where community members were invited to meet the Meliadine Environment team and ask questions about water management and other environmental monitoring (23 people reached).

On March 11<sup>th</sup>, Agnico Eagle hosted an open house activity at the Community Hall to discuss the waterline project with the community members. The open house activity had different booths that covered subjects such as current water management at Meliadine and the proposed waterline.

- 21 Agnico Eagle representatives including senior management, local Agnico Eagle staff, caribou expert consultants, Agnico Eagle staff from the Environment, Construction, and Community Relations teams attended the open house.
- Specific information provided on Meliadine water management, the current saline diffuser project (with a 3D tabletop of Itivia and video of the saline diffuser), and the proposed waterline project (including a full-scale wood mock-up of the road with the proposed waterline beside it).
- Various ways to provide feedback including a comment board to prioritize important themes, a feedback form, the ability to ask questions throughout the open house to any Agnico Eagle

representatives, and maps of the road to collect traditional knowledge and identify potential crossings.

Specific times during the day were scheduled to target specific groups in the community (Elders, youth and women). Elders were invited to join the open house and Agnico Eagle hired a local contractor to provide rides for Elders (to/from their houses to the Community Hall). In total, approximately 46 people including elders attended the open house.

The compiled comments and questions from the first consultation and the Meliadine consultation summary are available on the Agnico Eagle Nunavut website. The information has been shared on the Meliadine Facebook page. To consult the compiled comments and questions document see *Appendix II*.

In addition, the Commitment List as of July 13<sup>th</sup>, 2020 can be found in *Appendix III*.

## **2. SECOND ROUND OF CONSULTATIONS**

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A second round of consultations began in July 2020. For details, see *Appendix IV*.

Physical distancing and travel restrictions during the current pandemic present various challenges to public participation. In order to address these, the following actions have been taken:

- A survey to Kivalliq Hamlets, HTOs, CLARCs, and the community members to receive feedback on how and when they want to be consulted. This survey will include understanding any equipment/technology that may be required (e.g. conference call equipment). The results will be available on the aemnunavut.ca website.
  - Agnico Eagle is prepared to address these needs and fill gaps where feasible.
- Leverage Agnico Eagle's Kivalliq staff to be available for any in-person meetings that may be possible and to coordinate activities.
- Leverage technologies that are accessible and familiar to Kivalliq communities and develop some channels further:
  - Radio
  - Teleconference
  - Etc.
- Seek third-party expertise to ensure our communications are aligned with emerging COVID-19 consultation best practices and that they are easy to understand

**APPENDIX I – PICTURES OF CONSULTATIONS**

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Coffee & Chat – March 4, 2020



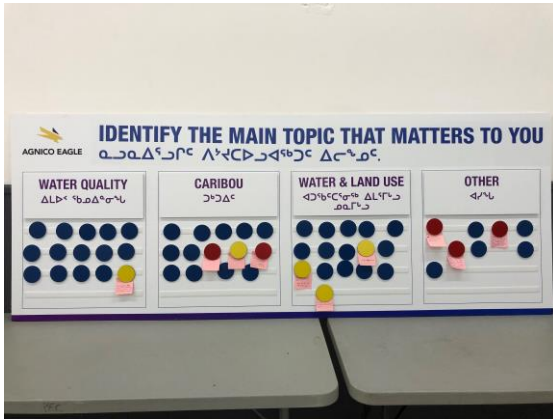
Coffee & Chat – March 4, 2020



Open House – March 11, 2020



Open House – March 11, 2020



Open House – March 11, 2020



Open House – March 11, 2020



## APPENDIX II - FIRST ROUND OF CONSULTATIONS MEETINGS AND COMPILED COMMENTS

Stakeholder	Method	Date	Details
KIA – Lands Department	Meeting	Feb. 24, 2020	This meeting was held in person to discuss the overall project and get feedback on how to approach the CLARC.
CLARC (Community Land and Resources Committee)	Meeting	Postponed	This meeting was cancelled due to the quarantine measures following the PDAC conference. Presentation materials were distributed to the CLARC, but the meeting was postponed (to be rescheduled this summer).
Stakeholders along the by-pass road (DoD, GN Airports, GN Parks, Gun Club)	Meeting	March 10, 2020	This meeting was held in person with GN Parks and the Rankin Inlet Gun Club. Follow ups were done by email with the Department of Defense and GN Airports.
Rankin Inlet Hamlet	Meeting	Jan. 15, 2020	In person meeting with Agnico Eagle subject matter experts and the Hamlet working group.
Rankin Inlet HTO	Meeting	Jan. 13, Jan 15., Feb. 29, 2020	Three in-person meetings with HTO representatives and participation during the public open house.
Public	Open House	March 11, 2020	Advertised the open house on local radio, through Facebook, and by posters in the community. 28 people attended.
Elders	Reserved Open House	March 11, 2020	Reserved timing for the public house from 10am – noon. Agnico Eagle hired a local contractor to provide rides for Elders (to/from their houses to the Community Hall). 11 Elders attended.
Youth			Reserved timing for the open house from 1-3 pm advertised at MUI high school through the guidance counselor for youth and from 3-5pm for women advertised on the radio and on Facebook. No specific youth or women attended, however 7 people from the general public participated.
Women			

Stakeholder	Topic	Question/Comment
Public	Air Quality/Emissions	It would be good if you can use the water for dust suppressant because dust has a lot of impact on wildlife.
Public	Air Quality/Emissions	Do we use calcium on the road to reduce dust? What do we do to reduce dust on the road?
Public	Air Quality/Emissions	Just to see it (the real life size road and waterline), changes how I feel. I need to see it before saying good or bad. But good project to reduce gas and fuel.
Public	Air Quality/Emissions	Better dust suppression closer to town on access road after the gatehouse. The road gets so dusty close to town and I can't see when I am riding to my hunting spots. Is it possible to improve Agnico's dust suppression closer to town?
Public	Community Involvement and Consultation	Will there be a meeting about the waterline?
Public	Community Involvement and Consultation	Elders will never come to Agnico to express their feelings or ask questions, they think that we should come to them and organize specific actions like the Elder session that we did in the morning of the open house to get their feedback.
Public	Community Involvement and Consultation	Updates and presentation on all of the above topics to the public from time to time.
Public	Community Involvement and Consultation	After the first summer let people know how goes of it
Public	Community Involvement and Consultation	KIA should be involved in the announcing of these kinds of events.
Public	Community Involvement and Consultation	Mentioned that Agnico Eagle should continue to hold this kind of event (public consultation), so people can get a better understanding of what is going on with the mine.
Public	Community Involvement and Consultation	For public consultations in early February, there will be a big hockey tournament in Rankin, so we should check the dates of that, and that in general, Wednesdays were a good day.
Public	Community Involvement and Consultation	Our consultation approach of meeting with the stakeholders along the road (Department of Defense, GN Airports, GN Parks and the Gun Club) and then the public more generally was a good approach.
Hamlet	Community Involvement and Consultation	Are there any cabins on the peninsula at Itivia?
KIA	Community Involvement and Consultation	When Agnico does public consultations that we do not present a yes/no question but rather that we ask the community for their recommendations.
Public	Construction and Design	How is the waterline routed in the vicinity of Apache Pass?
Public	Construction and Design	Can we bury the line?

Public	Construction and Design	Crossings are going to be very important. We should have community members walk the road to help identify crossings.
Public	Construction and Design	Is the waterline on a berm? Why not?
Public	Construction and Design	How are the pipe sections joined?
Public	Construction and Design	Are you putting brackets?
Public	Construction and Design	Suggestion to utilize the existing road pullouts that are no longer being used - have the line buried under those pullouts.
Public	Construction and Design	How are you going to do the routing around Apache pass?
Public	Construction and Design	Will the gravel go over the waterline?
Public	Construction and Design	Will the line go right through Apache Pass?
Public	Construction and Design	When you're installing the waterline, will it be above ground or under the road?
Public	Construction and Design	Wouldn't it be better if the waterline was under the road? (for the hunters?)
Public	Construction and Design	Is the waterline going to be on the ground?
Public	Construction and Design	If you can bury the line, it would be good because it will be hard to cross the line.
Public	Construction and Design	It would be nice to have specific crossings for snowmobiles.
Public	Construction and Design	Not sure if the waterline will be covered by snow in the winter, the Hamlet's waterline always sticks out from the snow.
Public	Construction and Design	I think you should dig the pipe into the ground beside the road. You should make some crossings along the road for ATVs. It's ok to have it visible as long as there are crossings. Suggested crossings at km 9, 16, 22.
Public	Construction and Design	Suggested crossings at km 27 and km 12.
Public	Construction and Design	Would need a better skidoo by pass. When clearing the snow make a ramp instead of a drop off.
Public	Construction and Design	Suggested crossings at Apache pass and after Char River
Public	Construction and Design	Ability to go around Apache Pass following Rankin's pipeline. Inuit care most particular about the quality of water. Suggests following the community pipe to avoid Apache Pass.
Public	Construction and Design	Crossing suggested at Apache pass - route used to go fishing.
Public	Construction and Design	Sand should be in between the pipes (included a drawing with the 2 lines and sand in between so that there is no gap)

Public	Construction and Design	Mentioned that he worked at the nickel mine in Rankin Inlet in the past. No specific concern regarding caribou. He is suggesting we plan crossing areas. As long as Hunters & Trappers Organization is consulted and involved, he is okay with the project.
Public	Construction and Design	Utilize AWAR turn-out (pull-outs) conceal pipes as much and best as possible.
Public	Construction and Design	Can we bury the line under the road when we do the road expansion?
Public	Construction and Design	If we are unable to bury the line, the option of having 2 or even 3 smaller lines running in parallel was preferable to having 1 bigger line. The ideal line diameter is 10 inches.
Public	Construction and Design	Laying down any pipe prior to approvals/NIRB process will not be well seen by the community. The tradeoff would be if we can bury the line, then laying pipe will become more acceptable.
Public	Construction and Design	Has Agnico looked at insulating the line?
Public	Construction and Design	Does not think that a 16 or 20 inch waterline would be accepted by NIRB due to push back from Environment and Climate Change Canada (ECCC) due to caribou impacts.
Public	Construction and Design	If Agnico can slow down the discharge, we could do year around discharge.
Public	Construction and Design	Will Agnico would be using the same discharge area?
Public	Construction and Design	Can Agnico do a partial mound on top of the waterline along the road (rather than fully burying it)?
Public	Construction and Design	Other than burying the pipe, the other suggestion he would have is to have a smaller diameter waterline (10 inches).
Public	Construction and Design	What will the speed of the water in the line be?
Public	Construction and Design	I would prefer a 20 inch line that is partially buried, however for the purposes of an environmental assessment, then 2 x 16 inches side-by-side might be preferable.
Public	Construction and Design	Was this project known at the time of the diffuser NIRB hearings?
Public	Construction and Design	I do not believe that the volume of water being proposed for discharge would be a concern to the community if it means less water going into Meliadine Lake.
Public	Construction and Design	Will Agnico disconnect the current diffuser line into Melvin Bay if the new one is approved?
Public	Construction and Design	Will the waterline be buried?
Public	Construction and Design	Will there be crossings over the waterline for ATVs and snowmobiles?
Public	Construction and Design	Suggested that Agnico could copy the Hamlet's waterline to Nipisar Lake. It was noted that the Hamlet's waterline does not go through Apache pass.
Public	Construction and Design	What will the waterline be made?

Public	Construction and Design	How much more volume Agnico is proposing to discharge, how much more water than what is currently approved?
Public	Construction and Design	What makes this solution more cost effective (a waterline instead of trucks)?
Public	Construction and Design	Is the water is stored in tanks and does the water freeze?
Public	Construction and Design	Is the water Agnico that is discharging fresh water?
Public	Construction and Design	Snowmobile and ATV crossings will be important. Agnico will likely need to put markers on the waterline so that it is visible under the snow. Apache pass is a high traffic area for snowmobiles.
Public	Construction and Design	Agnico should work with the KIA and HTO on caribou crossings, Agnico will need to use a material (crushed rock) that animals will be able to walk over.
Public	Construction and Design	Agnico will likely require crossings for caribou along the line, but that overall, the waterline might make crossing easier since the road profile can be high at some sections. Since the waterline will be on the eastern toe of the road and that caribou, during the migration, usually approach the road from the west, there should not be much impact.
Public	Construction and Design	Overall saw more benefits of the waterline vs. trucking and suggested that if Agnico could address any potential caribou issues by having adequate crossings that are identified in collaboration with the HTO (as it was done for the Meadowbank road), then the NIRB should not have any issues.
Public	Construction and Design	Suggested that an alternative to an on-the-land waterline might be a “pipe-in-pipe” design which he explained as a corrugated steel box (roughly 3-4 feet) that houses the HDPE pipes and is then buried.
Public	Construction and Design	Is volume of water that we are seeing at Meliadine is unusual?
Public	Employment and Procurement	Will there be an RFP for the work to install the pipe?
Public	Employment and Procurement	How much local labour will you need?
Public	Employment and Procurement	A key for success for this project will be to have as much local labour for the construction as possible.
Public	Employment and Procurement	Will the project affect the number of jobs?
Public	Employment and Procurement	I want to see more Inuit working in the mine, they are working very low level jobs.
Public	Employment and Procurement	Do you have Inuit samplers? How can you be trained to be a sampler?
Public	Fish and Fish Habitat	Can the effluent of Meliadine hurt the fish?
Public	Fish and Fish Habitat	It is a good idea for me. But the fishes I am worried about. Because we eat the fishes. And the disposal is towards the sea. Disposal -> water -> fishes -> people eating fishes -> people might get sick
Public	Fish and Fish Habitat	An elder is concerned about whether fish were affected.

Public	Fish and Fish Habitat	I am wondering if the fish are looked after between the roads using not just the mine site + Itivia. Example if they changed within the year it was operated mine till today.
Public	Freshwater Plankton and Benthos	Questions about Meliadine Lake Water quality.
Public	Freshwater Quality and Sediment Quality	No concern to be raised regarding caribou and water & land use. Only concern is about water quality at Meliadine Lake. Now needs to go to Diane River because the water at Meliadine Lake is black.
Public	Health & Safety	We should have sensors so that way we will know where there will be any breaks in the line.
Public	Health & Safety	If there is a leak, how do we shut off the pump?
Public	Health & Safety	Suggestion to have incremental shut off valves along the line in order to help during a possible leak.
Public	Health & Safety	I think it's a good idea, moving the water will keep underground workers safe.
Public	Health & Safety	Will you have an emergency phone number that we can call if we see a problem on the line?
Public	Health & Safety	Suggestion to install flags along the pipe and signs for snowmobile and ATV crossings. There should also be reflective markings so they can be seen at night.
Public	Health & Safety	Thinks it would be a great idea, but it would be a lot of work to maintain. It's good and bad, there's the possibility of leaks.
Public	Health & Safety	Dust concerns - calcium not being applied properly. Concern about the safety of not being able to see because it is so dusty.
Public	Health & Safety	I think the waterline could be a safety issue for hunters - is there a way that we can make sure it is safe?
Public	Health & Safety	The waterline will be better for safety - less traffic on the road protects road users. The only issue is caribou crossings, but this is being addressed.
Public	Health & Safety	How will you manage any spills?
Public	Health & Safety	It's a great idea! The main concern is that we need to keep the workers safe while they are at work.
Public	Health & Safety	Concerns about emergency and shut off abilities throughout the pipe. Is it possible to have multiple valves so that if there is a leak we can contain it and not have the entirety of the water going on the land
Public	Health & Safety	The optic fiber technology to notify if there's a leak is not good, it will break during wintertime
Public	Health & Safety	Having zone valves (emergency shut-off valves) at certain areas of the road would benefit AEM and also Inuit and wildlife to prevent a continual drainage. It would limit the quantity of water to drain in case of a burst.
Public	Health & Safety	Add some warning signs, additional signage early away from the road - existing sign is too close (just before Char river)
Public	Health & Safety	Would be nice if you give out phone number if we see pie break where do we call for emergency call
Public	Health & Safety	Snowmobile access and security. Recommendations: marking the pipe and identify crossing areas.
Public	Health & Safety	Even though marijuana is legalized it is not fair for users, both down south /

		Nunavut people should be searched.
Public	Health & Safety	If there's an emergency. We need contact phone # for Agnico. Hard to find phone #. Give us contact phone numbers.
Public	Health & Safety	People need to see the pipe. Maybe with tape and flag beside the pipe.
Public	Health & Safety	In case of pipe burst and the office is close. Where can we call. Emergency phone number.
Gun Club/GN Parks	Health & Safety	Emergency measures and spill contingency along the line is important as well. Even though it is only salt water that is running through the line, a spill can have big impact, for example, if it were to spill in the community's prized berry picking area in the park.
Public	Inuit Harvesting Activities	I think you guys needs to just avoid the berries because people use the area for berry picking.
Public	Inuit Harvesting Activities	I use the road in the summer for berry picking (km 15).
Public	Inuit Harvesting Activities	Where are we allowed to fish?
Public	Inuit Harvesting Activities	An elder is worried because our land is being destroyed. Berry picking areas are being torn, the hills are being dug out.
Public	IQ and Traditional Land and Resource Use	There is a lot of ski-dooing at km 5.5 (just south of Char River) - it will be good include early warning signs in both directions.
Public	IQ and Traditional Land and Resource Use	Often crosses the road at Apache pass in order to go fishing.
Public	IQ and Traditional Land and Resource Use	Are there cabins near where we'll be drilling?
Public	IQ and Traditional Land and Resource Use	I drive up to the gate house, but then go off on the land.
Public	IQ and Traditional Land and Resource Use	Used to live just north of the laydown area when I was a toddler, it was our playground.
Public	IQ and Traditional Land and Resource Use	The community will have questions generally around loss of sea ice in the early part of the season and slowing down the buildup of ice in October. Slowing down the discharge speed to reduce impacts to ice formation/melt will reduce these concerns.
HTO	IQ and Traditional Land and Resource Use	The trigger to community concern for discharging in June would depend on what the sea ice is like that year. The key element will be the snowmobile trail, if it is still being used by the time Agnico wishes to discharge we should be wary. If we are away from the trail, then there should not be an issue. Agnico should work with the HTO each season to determine the discharge start date to account for sea ice variations from year to year.
Public	Marine Mammals and their Habitat	Will it disturb sea mammals? Is it possible that there will be fish trapped in the tank at site and in the pipe?
Hamlet	Marine Mammals and their Habitat	Will the regulators look at impacts to sea mammals such as seals?
Public	Marine Sediment and Water Quality	What does the diffuser do? Does it treat the water?

Public	Marine Sediment and Water Quality	Does the water have any chemicals or anything?
Public	Marine Sediment and Water Quality	What do we sample (in the water)?
Public	Marine Sediment and Water Quality	How can we make sure that we don't affect Meliadine Lake and Melvin Bay water quality?
Public	Marine Sediment and Water Quality	What part of the process removes or reduces the salinity of the water?
Public	Marine Sediment and Water Quality	Water quality may disrupt the ecosystem. Have monthly observation of ecosystem to ensure wildlife is not harmed or hindered.
Public	Marine Sediment and Water Quality	Agnico's modelling for the discharge speed was off based on what he saw in summer 2019. The plume was visible from the surface. If we are able to reduce the speed and eliminate the visible plume, this would reduce community concerns. If we could slow down the speed via multiple discharge spots, we could also potentially open up the possibility of discharging under the ice (extending the season).
Public	Marine Sediment and Water Quality	The main concerns he sees from the community will be around water quality and caribou movement.
HTO	Marine Sediment and Water Quality	As long as water quality is following the Metal and Diamond Mining Effluent Regulations (MDMER) then there should not be any major concerns.
Hamlet	Marine Sediment and Water Quality	Will Environment and Climate Change Canada (ECCC) be looking at this application and all of the water quality details?
Hamlet	Marine Sediment and Water Quality	Will the different regulators be looking at all of this and will they put conditions on the water quality that Agnico needs to meet?
Hamlet	Marine Sediment and Water Quality	Agnico will likely get a lot of questions about water quality (both for this project and generally). Water quality is very important to the community's way of life.
KIA	Marine Sediment and Water Quality	I do not see that there would be a significant impact on caribou or other land impacts, but more water impacts due to the increased volume of water and the mixing zone in the Melvin Bay.
Gun Club/GN Parks	Marine Sediment and Water Quality	What is salt concentration of our underground water vs. the salt concentration in the Melvin Bay is, if the salt concentration is higher, is this dangerous to marine life?
Public	Non-Traditional Land Use	Can a Bombardier that is hauling freight between the communities cross over the line?
Public	Other	How long does it take to discharge all of the water?
Public	Other	We will need to make it clear that it's the salt mixed with a lot of water, that it is water like the sea.
Public	Other	Do you have the same thing in Baker Lake?
Public	Other	Roads have gotten better over the years (used to be really bumpy) but much better now.
Public	Other	General agreement that the project is a good idea.
Public	Other	Will the waterline harm the environment?

Public	Other	I don't mind the waterline, but I don't know about other people.
Public	Other	What happens if a truck breaks down? (during trucking discharge)
Public	Other	Generally, I think the waterline will be better for discharge.
Public	Other	I think it's a better idea to have a waterline, less fuel, less dust, less traffic, etc.
Public	Other	To me, this is normal, it's just salt water, I'm not that concerned, it's not oil or fuel or anything (if it's spilled).
Public	Other	I think it would be good.
Public	Other	Is there that much water that you need to do this?
Public	Other	Will the pipe be there forever? What would happen when you guys are gone?
Public	Other	I would like to use the road with my vehicle - I would like to at least get to the river to get freshwater with my vehicle.
Public	Other	My mom wanted to go get water but couldn't communicate at the gatehouse because the local employee couldn't speak Inuktitut
Public	Other	It's better that you're putting the water in the ocean than in the lake.
Public	Other	Generally sounds good to me, but not sure for other people.
Public	Other	Does the plane land in Rankin Inlet or directly at Meliadine?
Public	Other	Will water be pumped all winter?
Public	Other	Is it the same in Baker Lake? Do they have a pipe running from the mine site to town? I heard something about emptying a lake in Baker Lake, is that true?
Public	Other	What are you going to do once you leave in 15-20 years?
Public	Other	What's the difference between not having the waterline and having it?
Public	Other	Hopefully during the operations things will go smoothly. Because it effects everything not just the land BUT everyone in the community.
Public	Other	Request for counselling sessions for employees at site.
Public	Other	Request for surveys on workers / employees both men and women / Inuit and non-Inuit in all area (custodians, haul truck, drivers, etc.).
Public	Other	Food served in mines are too greasy, have different variety of choices.
Public	Other	Road going to the mine is not for the public to use, I am unhappy about this, I want to go to certain areas where the road is closed.
Public	Other	I hear a lot of information regarding Agnico Eagle's operations via the local radio. I am satisfied with the information shared by the organization and with the frequency. Agnico Eagle is making a lot of efforts to protect the water and the land. I can see Agnico Eagles' employees taking samples from my cabin.
Public	Other	I now understand why Agnico needs to take out water of the mine.
Public	Population; Housing; Infrastructure and Services	Does the waterline impact the community water supply? Who takes care of that, the GN?

Public	Population; Housing; Infrastructure and Services	Agnico could potentially use our waterline project to help the Hamlet with Rankin Inlet's potable water challenges. A waterline could be run from Meliadine River to Nipisar Lake (Rankin Inlet's current water source) in order to access supplemental water for the community when the lake levels are low. This project could be done in collaboration with the Hamlet as a "mitigation measure" for the waterline project.
Public	Wildlife	Can we bury the line along the slope of the road, along the entire length? There are concerns about caribou being able to cross.
Public	Wildlife	General concern about the road itself impacting caribou and bird migration.
Public	Wildlife	Concern about the layout of 2 side-by-side waterlines, the caribou won't be able to cross.
Public	Wildlife and their habitat	I don't think that the caribou can jump over the pipe - it should be buried under the road.
Public	Wildlife and their habitat	An elder is concerned about the migration road that takes the caribou (route)
Public	Wildlife and their habitat	The machines/ motors/ light reflection due to theses, caribou will not go to that area and are scared.
Public	Wildlife and their habitat	Caribou are further and less are coming our way and are hard to hunt because they go too far from us.
Public	Wildlife and their habitat	Need more information on caribou crossing.
Public	Wildlife and their habitat	Freshwater intake pump (at the mine) is where caribou crossing
Public	Wildlife and their habitat	Caribou migration and stationery vary locations annually. Also, one CANNOT predict or think for caribou.
HTO	Wildlife and their habitat	Would a caribou calf be able to get over the waterline?
Gun Club/GN Parks	Wildlife and their habitat	There will likely be public concerns around caribou and wildlife.

### APPENDIX III – COMMITMENT LIST

1.	<b>Build crossing structures along the waterline</b>
2.	<b>Use Traditional Knowledge / IQ to identify areas for crossing structures</b> Elder representatives from the HTOs will be invited to site to inspect the All Weather Access Road (AWAR) and identify locations where caribou crossing should be installed.
3.	<b>Use western science to identify areas for crossing structures</b> <ul style="list-style-type: none"> <li>a) Collar study</li> <li>b) Road observations</li> <li>c) Camera study of the road</li> <li>d) Camera study of existing waterline</li> <li>e) Road material study</li> </ul>
4.	<b>Have a long-term monitoring study that will inform adaptive management</b> <ul style="list-style-type: none"> <li>a) Site Visits for Elders</li> <li>b) Tracking Caribou with GPS collars</li> <li>c) Camera study</li> <li>d) Road monitoring site + HTO program</li> </ul>
5.	<b>Tool-free number for the community members to report problem along the waterline</b>
6.	<b>Leakage detection system on the waterline to be incorporated</b>
7.	<b>In the area of Apache Pass the waterlines will be routed on the East side of the rock outcrop</b>
8.	<b>Markers will be paced on the waterline for winter ID</b>
9.	<b>The caribou crossings, 70 in total, will be built with sand and gravel from the eskers. The crossings will be located over the twin waterlines only.</b>

**APPENDIX IV - SECOND ROUND OF CONSULTATIONS PLAN**

*Note that all dates are tentative and may be subject to change according to stakeholder's response.*

Date	Stakeholder	Method	Topics	Status
6-Jul	Rankin Inlet - Public	• AEM Website	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline</li> <li>• Water license amendment</li> <li>• Saline discharge</li> <li>• See "Meliadine Water Management Consultations" presentation</li> </ul>	Completed
TBD	Kivalliq Wildlife Board	• Teleconference	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline and caribou impacts</li> </ul>	No response from KWB to request for consultation meeting dated July 7 <sup>th</sup> , 2020 Meeting to be rescheduled
17-Jul	Baker Lake HTO	• Teleconference	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline and caribou impacts</li> </ul>	Planned
20-Jul	Whale Cove HTO (IHTO)	• Teleconference	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline and caribou impacts</li> </ul>	Tentative
July 17	KIA Executive	• Teleconference	<ul style="list-style-type: none"> <li>• Upcoming consultation plan</li> <li>• Water management</li> <li>• Waterline</li> <li>• Water license amendment</li> <li>• Saline discharge</li> </ul>	Tentative
21-Jul	Rankin Inlet - Public	• Radio – call-in show	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline</li> <li>• Water license amendment</li> <li>• Saline discharge</li> <li>• See "Meliadine Water Management Consultations" presentation</li> </ul>	

22-Jul	Rankin Inlet CLARC	<ul style="list-style-type: none"> <li>• In person with local staff &amp; teleconference</li> </ul>	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline</li> <li>• Water license amendment</li> <li>• Saline discharge</li> <li>• See "Meliadine Water Management Consultations" presentation</li> </ul>	Email sent to Rankin CLARC requesting consultation meeting with AEM local staff and subject matter expert during week of July 20 <sup>th</sup>
TBD	Rankin Inlet HTO	<ul style="list-style-type: none"> <li>• In person with local staff &amp; teleconference</li> </ul>	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline and caribou impacts.</li> <li>• Water license amendment</li> <li>• Saline discharge</li> <li>• See "Meliadine Water Management Consultations" presentation</li> </ul>	<p>Consultation meeting scheduled for July 10<sup>th</sup>, 2020 at AEM Rankin office with Acting HTO Chair and board;</p> <p>HTO representatives including Acting Chair Innukshuk, Andrew Akerolik, Jeremiah Issaluk and Hapanak came by our office on July 10<sup>th</sup> to inform us that they will not be attending the scheduled consultation meeting of July 10<sup>th</sup> between HTO and AEM;</p> <p>Meeting was rescheduled at HTO request for July 13<sup>th</sup> at AEM office in Rankin;</p> <p>HTO cancelled scheduled meeting with HTO Board of July 13<sup>th</sup> at 7:30pm. To be rescheduled</p>
20-Jul	Rankin Inlet Hamlet	<ul style="list-style-type: none"> <li>• In person with local staff &amp; teleconference</li> </ul>	<ul style="list-style-type: none"> <li>• Water management</li> <li>• Waterline</li> <li>• Water license amendment</li> <li>• Saline discharge</li> <li>• See "Meliadine Water Management Consultations" presentation</li> </ul>	
20-Jul	Itivia area cabin owners	<ul style="list-style-type: none"> <li>• In person with local staff &amp; teleconference</li> </ul>	<ul style="list-style-type: none"> <li>• Waterline</li> <li>• See "Meliadine Water Management Consultations" presentation</li> </ul>	
7-8-Jul	Rankin Inlet Elders	<ul style="list-style-type: none"> <li>• In person with local IQ</li> </ul>	<ul style="list-style-type: none"> <li>• Waterline</li> </ul>	Completed

		Coordinator • Demonstration site visit	• Saline Discharge	
20-Jul	Rankin Inlet - Public	• Facebook • Radio • AEM Website	• General communications on pipe shipments	
13-Jul	Hunter Misheralak	• In person with local staff & teleconference	NIRB comments.	
13-Jul	John Innuksuk	• In person with local staff & teleconference	• Waterline: Overview of water management and the different applications	
13-Jul	Sandra Oolooyuk	• In person with local staff & teleconference	• Waterline: Water quality (impacts to fish and drinking water); caribou migration and road closures; ATV AWAR procedures.	
13-Jul	Brian Zawadski	• In person with local staff & teleconference	• Waterline: Overview of waterline project and previous consultations; socio-ec impacts of the project; caribou crossing the line; diffuser evaluations; water quality and monitoring; spill procedures if the pipeline is ruptured.	
13-Jul	Lorna Tasseor	• In person with local staff & teleconference	• Waterline: Caribou impacts and remediation after closure	
13-Jul	Krista Zawadski	• In person with local staff & teleconference	• Waterline: Caribou impacts, water quality	
13-Jul	Sue Shirley (Matchbox Gallery)	• In person with local staff & teleconference	• Waterline: Water quality and marine wildlife impacts	
1-Aug	Rankin Inlet - Public	• Mail pamphlet	• Waterline	