



March 8, 2013

Ms. Tracey Braun, M.Sc.  
Director, Environmental Assessment & Licensing Branch  
Manitoba Conservation and Water Stewardship  
123 Main Street, Suite 160  
Winnipeg, Manitoba  
R3C 1A5

Dear Ms. Braun:

RE: Engagement History with Mathias Colomb Cree Nation

I note that on March 6, 2013, the Wilderness Committee issued a press release which quotes Chief Arlen Dumas as suggesting that Hudbay has not met in good faith with the Mathias Colomb Cree Nation ("MCCN"). My purpose in this letter is to clarify the extensive engagement we have had with MCCN with respect to this project, and confirm that our engagement is on-going and continues with MCCN.

Please see section 6.2 of the Reed Mine Environment Act Proposal report, which describes engagement with MCCN, including meetings held with MCCN leadership in May, 2011 and January, 2012 and a community meeting held in Pukatawagan in November of 2012, at all of which Hudbay shared information about the Lalor and Reed projects with MCCN. I would draw your attention in particular to pages 76 and 77 of the report, which describe in some detail Hudbay's discussions with Chief Dumas and other MCCN leadership. Appendix "E", Records of Public Engagement, Parts 5, 6 and 7 contain Hudbay's records of the May 2011 and January 2012 meetings and the Power Point presentations given at each of these three meetings. I attach hereto notes of the community meeting held in Pukatawagan on November 23, 2012, which document HBMS' commitment to addressing any questions or concerns that MCCN may have about the environmental impact of Hudbay projects.

Hudbay is funding studies requested by MCCN and MCCN has agreed to continue to meet with us. Please allow me to re-affirm that Hudbay's practice is to seek out and take into account any concerns that may be expressed by any participant in the public review process.

I also attach photographs which I believe will help people understand the setting of the Reed project in relation to other concerns that have been expressed; firstly, they display the proximity of the Reed project to PTH 39; secondly, they illustrate the care being taken on the site to preserve previously un-harvested forest around the project; and thirdly, they illustrate the distance from the site to the edge of the southern reach of Reed Lake, i.e. approximately three kilometres distance, with the highway, and layers of wetland and mature forest in between. Please also see the attached photos taken at a Ceremony held at the Reed Project on August 14, 2012, which commemorate Hudbay officials touring the Reed AEP with Chief Dumas, who attended along with other dignitaries.

With respect to Hudbay's rights to occupy the Reed and Lalor sites and carry on work, please see section 1.6 and Appendix "B" of the Reed Environment Act Proposal, which describe in full and document each and every such right that is required in law to occupy the site and carry on work.

We trust that this response will be satisfactory in addressing any additional issue that may have been raised by this press release.

Thank you for your continuing attention to this application.

Sincerely,



**Stephen West**  
**Superintendent, Environmental Control**

cc: **John N. Fox, P.Eng.**  
**Assistant Deputy Minister**  
**Mineral Resources Division**  
**Manitoba Innovation, Energy and Mines**  
**360-1395 Ellice Avenue**  
**Winnipeg MB R3G 3P2**

## Meeting Notes

Date of Meeting	November 23, 2012	Start Time	10:00	Project Number	60267596
Project Name	First Nations Support Services				
Location	Pukatawagan, Manitoba				
Regarding	Lalor and Reed Projects				
Attendees	Cliff Samoiloff (AECOM), Alison Weiss (AECOM), Shawna KJartanson (AECOM), Stephen West (Hudbay) Jay Cooper (Hudbay), Pam Marsden (Hudbay), Mathias Colomb Cree Nation (MCCN) Chief and Council and community members (list below), Ginger Gibson (Firelight), Stephen DeRoy (Firelight)				
Distribution	AECOM, Hudbay, MCCN, Firelight, Sheryl Rosenberg (TDS)				
Minutes Prepared By	S.KJartanson				

**PLEASE NOTE:** If this report does not agree with your records of the meeting, or if there are any omissions, please advise, otherwise we will assume the contents to be correct.

AECOM and Hudbay prepared a presentation for Mathias Colomb Cree Nation (MCCN) regarding the environmental assessment and description of the proposed Lalor and Reed Projects near Snow Lake, Manitoba. The goal of the presentation was to provide the community with further information regarding the environmental work conducted as well as to describe the proposed Projects.

Overall, the presentation was well received and there was much good discussion. The main issues raised by MCCN members were:

1. Mine closure and/or historical mining impacts.
  - a. Long-term effects of the tailings deposition.
  - b. Scope of potential effects (duration or geographic extent).
2. Involvement in the early stages of planning of environmental assessment.
3. Employment, training and business opportunities for MCCN members.

Chief Dumas asked the attendees to introduce themselves, starting with AECOM, Hudbay and Firelight representatives. Following this introduction, the Chief, Council and community members individually introduced themselves. Several community members entered the room throughout the day and were not identified. The presentation was well attended and included the following individuals:

- Chief Arlen Dumas,
- Mathias Sinclair,
- Flora Jane Castel (elder and Councillor),
- Marlene Dumas (Councillor),

- Maryanne Dumas (Councillor),
- Angelique Dumas (Councillor, justice worker),
- Maria Colomb (elder),
- Angus (Last name not recorded) (fisherman, past president of local trappers),
- Gordie Bear (Councillor, construction operator)
- Rob Robinson (administrative assistant to MCCN Chief and Council),
- Floyd North (Business Development Officer, Sherridon),
- Glen Dumas (fire captain),
- Cree speaking elder (name not recorded), and
- Theresa Bigetty (elder),
- (First name not recorded) Baptiste (elder).

Following introductions, Councillor Maryanne Dumas led the group in an opening prayer.

Ginger Gibson (GG) began the presentation with a description of the intention and purpose of the meeting. Firelight's task is to review, with Chief and Council and the community, the environmental reports prepared by AECOM and Hudbay in order to develop an understanding of the work that has been done as well as an understanding of the proposed project components. Hudbay and AECOM will present this information at this and future meetings. Firelight and MCCN, through internal discussions, will work to identify additional knowledge that MCCN can provide to enhance the reports, identify the resources the community values and then, propose changes to the project that can protect the land or resources that are important to the community. Firelight and MCCN will build a common purpose before presenting the information to Hudbay.

GG asked the attendees if they had questions regarding the approach proposed by Firelight.

*Comment:* Chief Dumas stated that yesterday, Chief and Council met to discuss their approach and what to expect through today's meeting. They had no questions and invited Hudbay and AECOM to proceed with their presentation.

Stephen West (SW) began the presentation. He emphasized that mines are built looking to the future and incorporate closure plans as early into the planning process as possible. His company has reclaimed the sites of many former operations and are proud of the work they do. They have learnt many lessons regarding mine closure, most importantly that it's better to plan the closure at the beginning. He stated that, during development of Lalor, they may discover additional resources at depth. He described the former operations in the Snow Lake region and how much of the infrastructure required for Lalor is already present due to these former operations (e.g., Chisel wastewater treatment plant). They have worked to minimize the area required for the concentrator and that, where possible, trailers are used for offices or dry so they can be easily removed later.

*Comment:* GG asked if the new structures were allowing for more flooding.

*Response:* SW indicated that yes approximately 100 ha would be flooded to raise the water levels in the Anderson Tailings Impoundment Area (TIA).

*Comment:* GG asked if the plan was to continue to have tailings stored under water.

**Response:** SW indicated that yes the tailings storage under water will continue.

**Comment:** Councillor Gordie (MCCN) asked SW if there were plans to close off discharge to Anderson Creek.

**Response:** SW stated that the release from Anderson TIA is not continuous, that discharge is generally restricted to late May to November (i.e., no winter discharge). In the spring, we try to hold water in Anderson TIA until the ice is off to allow oxygen back into the water. One benefit of expanding the TIA is to be able to hold the water back with sufficient freeboard to allow this to happen. Otherwise an early discharge could smell (rotten egg) until water becomes more oxygenated.

**Comment:** Glen Dumas (MCCN) asked if there were plans to ever remove the tailings from Anderson TIA?

**Response:** SW responded that the Anderson TIA is the permanent storage for these tailings, there will be no plans to ever remove them. They are inert because they have a water cover preventing oxygen from reaching the deposited tailings.

**Comment:** Glen Dumas (MCCN) asked if there have been any studies done on Anderson TIA water to see if the water quality is OK? Will it be OK after you leave the area?

**Response:** SW responded saying that there have been many tests on Anderson TIA water and many examples of lakes across the country that are licenced as the Anderson TIA is. Tests have shown that Anderson TIA water is of high quality. The original Environment Act licence (in 1978) required HBMS to maintain a 5ft water column above the tailings. SW stated that the tailings may not really require that much water above them but areas near the shoreline would be subject to wave and wind action so maintaining the water depth is important.

**Comment:** Elder Mathias Sinclair (MCCN) asked if all studies conducted by government or AECOM in these areas could be provided to MCCN for review. He said he would be interested to see the results of the Anderson TIA water. He stated that MCCN have firsthand knowledge of the impacts of tailings, referring to Lynn Lake. He explained that, with respect to Lynn Lake, there were no measures for containing tailings at the site. Impacts on fish, wildlife species have been observed by locals (in Lynn Lake area). He remembered hearing about "red suckers" that were captured in the creek in Lynn Lake that the locals avoided and identified that as an impact to fish. He asked SW what kind of fish were in Anderson TIA.

**Response:** SW acknowledged that the land-based deposition of tailings, such as Lynn Lake or Sherridon can have impacts. He re-stated that Hudbay plans their mines thinking of closure. He also said that there are no fish in Anderson TIA. Anderson TIA has no in/out creeks for any fish to travel into the lake and it is isolated. He said that Anderson Creek is dry except when they are discharging (May to November).

*Comment:* Angus (last name unknown) (MCCN) stated that he was surprised to hear there were no fish. If there are no fish, there must be something wrong with the water. Angus (MCCN) also mentioned Lynn Lake as a place that fish have been impacted by tailings.

*Response:* SW agreed that Lynn Lake was bad and has personally seen other bad examples. Lynn Lake has land-based tailings deposition (i.e., no water cover) and the impacts have resulted from wind-blown tailings that entered the lake.

*Comment:* GG asked if SW could describe how Lynn Lake was different from Anderson TIA.

*Response:* SW explained that Lynn Lake had no treatment, that it was land-based tailings deposition. He clarified that there are Brook Stickleback and minnows in Anderson TIA, but there are no large-bodied fish (like suckers). He also stated that there had been studies on Anderson TIA before it was used as a tailings facility (whereas Lynn Lake had no such studies). There were limnology studies conducted in the Anderson area every 3 years from 1978 until about 2003. On-going Environmental Effects Monitoring (EEM) studies occur every 3 years on the receiving waterbody for the Anderson TIA discharge, Anderson Bay of Wekusko Lake. The EEM studies also compare Anderson Bay (receiving waterbody) to a reference lake; although no 2 lakes are the same, the comparison can tell us a lot about what impacts there might be. Hudbay can provide any of these studies to MCCN, if requested.

*Comment:* Angus (MCCN) mentioned that the Lynn Lake area needs cleanup. He said that they dumped rock wherever and has personally seen the dirty water run off from the rock into the surrounding waterbodies. What are the effects on fish or animals that are exposed to that water?

*Response:* SW stated that he couldn't speak to that mine; it was a different company that operated that mine. He suggested that the Manitoba government might have done an environmental or human health risk assessment but he wasn't sure.

*Comment:* Stephen DeRoy (SD) asked how Hudbay contains the tailings in the Anderson TIA without having them release down Anderson Creek.

*Response:* SW said the tailings deposit in the lake and settle to the bottom. They have deposited into the western portion of the Anderson TIA for tailings storage (the discharge from the Anderson TIA is on the eastern end). They have plans to use the rest of the Anderson TIA for tailings storage for the new Lalor Concentrator over the long term. The discharge from Anderson TIA is by a pipe which is controlled by a valve. Water monitoring is conducted on the discharge to make sure the water quality meets effluent limits.

*Comment:* SD asked what, if any, water quality monitoring is occurring of the water in Anderson TIA.

*Response:* SW replied that Hudbay analyzes samples in Anderson TIA (for metals) on a weekly basis, with samples collected for toxicity (rainbow trout and Daphnia assays) conducted monthly when the TIA is being discharged.

**Comment:** Glen Dumas (MCCN) asked if SW could define tailings for the elders and councillor members.

**Response:** SW explained that when ore is mined, it is taken to the mill to be crushed into sand-like grains. This sand goes through the mill, where the metals are extracted. What's left after metals are extracted is tailings. The tailings go to Anderson TIA.

**Comment:** Glen Dumas (MCCN) addressed the elders and councillors in Cree.

**Comment:** Councillor Gordie (MCCN) asked what chemicals are used in processing at the mill.

**Response:** SW explained that the reagents used have been used for 30 years. They are standard chemicals and mostly stay with the concentrate. There may be a small amount that stays with the tailings.

**Comment:** Councillor Gordie Bear (MCCN) asked what the depth of water cover was required in Anderson TIA.

**Response:** SW explained that the licence for Anderson TIA requires a minimum of 5 ft of water cover. He said that Hudbay conducts a bathymetric survey, where they make a bottom surface map, every 3 years. This allows them to plan where to put the tailings.

**Comment:** Councillor Gordie Bear (MCCN) suggested that on windy days, you could get 4ft waves on the lake [Anderson TIA], this could stir up the tailings. He suggested that it could take 4-5 days for the water to settle.

**Response:** SW said that they collect water samples at the discharge of the Anderson TIA and one of the things that is measured is suspended sediments or solids.

**Comment:** GG asked how Hudbay incorporates those types of observations (anecdotal or analytical) in order to guide how to make the decision to discharge the Anderson TIA.

**Comment:** Councillor Gordie Bear (MCCN) indicated that when you lift the stop logs to discharge the Anderson TIA that you can suck up the bottom sediments and that more than just water can go out in the discharge.

**Response:** SW said that the discharge point is far from where the tailings are deposited. The lake [Anderson TIA] is protected by high rock and bays, and that they don't see high wave events at the discharge end of the lake. Hudbay is looking at using a silt curtain for when they will use the rest of the lake for tailings storage to prevent release of sediments. However, monitoring for the last 30 years has never indicated the transport of solids out of Anderson TIA. There are no stop logs in the spillway. The spillway is for emergency overflow only and to maintain a metre of freeboard on the Anderson dam.

**Comment:** Councillor Gordie Bear (MCCN) suggested that bays can encourage "brewing", where contaminants are concentrated.

**Response:** SW suggested that settling agents could be added but have never been needed. Weekly sampling shows that the water released is of good quality. Bays are calm, promoting settling of solids.

**Comment:** Councillor Gordie Bear (MCCN) asked what additives are currently added before release. He suggested that these contaminants could travel far into Wekusko Lake.

**Comment:** Glen Dumas (MCCN) asked what environmental studies have been conducted on the muskeg surrounding the Anderson TIA. What tests have been done on muskegs? He said that much of this area is muskeg and suggested that muskeg could hold onto contaminants. He grew up 40 miles south of Lynn Lake, remembers seeing a grey film over muskeg, and asked how that got there from Lynn Lake, and where is the pathway? He also asked how far the water table is under Anderson TIA.

**Response:** SW said that there is mostly high rock that surrounds the Anderson TIA.

**Comment:** Glen Dumas (MCCN) suggested that water can travel through cracks in the rock.

**Response:** SW said that they have checked the drainage flow from/to Anderson TIA. He thanked Glen Dumas (MCCN) for his suggestion regarding the muskeg and groundwater impacts.

**Comment:** Glen Dumas (MCCN) said that all water leads down Nelson River to Hudson Bay.

**Response:** SW said that the water table is at the lake [Anderson TIA] surface. They have mapped the topographic relief in the area, know the snow melt and precipitation. The water from Anderson TIA naturally flows towards where the discharge point is. There is muskeg around the western portion of Anderson Lake [Anderson TIA].

**Comment:** Councillor Gordie Bear (MCCN) suggested that the muskeg is heavy and indicated that it can push water and create a flow in the reverse direction (backflow).

**Response:** SW said that the watershed is bound by elevation, not changing water table. It could not be forced to flow in any direction other than what it's doing now.

**Comment:** Councillor Gordie Bear (MCCN) suggested that future weather or climate change could force the water to move in a different direction and asked if these factors were considered in the design of the Anderson TIA.

**Response:** SW said that they have used the most extreme weather events to design the Anderson TIA and is confident in their design. The water level of Anderson Lake would have to rise much higher than the design elevation to change any flow patterns, regardless of any climate change.



**Comment:** Councillor Gordie Bear (MCCN) stated that he believes that the highway realignment is to create a levee and that he does not agree that there is a visibility issue. He is concerned that there is a hidden agenda with regards to the highway alignment.

**Response:** Jay Cooper (JC) stated that Hudbay is building dams and that these are indicated on the figure in the presentation. He said that there would be a culvert through the highway to keep Anderson Creek flowing and the highway would not act as a levee at all.

**Comment:** Councillor Gordie Bear (MCCN) said that they have not been successful with getting approvals from DFO to install culverts on their roads in Pukatawagan. He also asked if tailings would force the water out of Anderson TIA or if water would evaporate and cause a repeat of Sherridon.

**Comment:** GG thanked Councillor Gordie Bear for his comments and reminded the MCCN that they need to provide these types of good questions. She asked SW if Hudbay could provide details on what kinds of long-term modelling they have conducted to describe what the lake [Anderson TIA] will look like in 20-30 years.

**Response:** SW thanked GG and Councillor Gordie Bear (MCCN) for their questions and would be happy to provide information regarding the long-term design plans of Anderson TIA.

SW resumed the presentation. He described the timeline for the Lalor and Reed projects.

**Comment:** GG addressed the MCCN and stated that asking questions makes companies change their approach. She told them they could cause change just by asking public questions. She asked SW how long the environmental review period is.

**Response:** SW said that, although the initial public comment period for the Lalor mine has passed, the environmental review is ongoing until the Environment Act licence is issued. The concentrator application has not yet been submitted. MCCN members can participate at any time.

**Comment:** GG encouraged MCCN to always ask questions, saying that good companies will always listen. She said that even though they should always ask questions, now is the time to make an informed decision about your land.

**Comment:** Chief Dumas told SW that at the end of 2011, they'd received notice that there was environmental work conducted at the Lalor sewage treatment plant. He sent a letter to the government in response, asking for more information. The government did not respond to him about his request. He found online, a dismissive response. He understood that SW can't respond for the province, and only mentioned it to make note that MCCN needs to be a part of the decision making process.

**Response:** SW suggested that it might have been the Snow Lake sewage treatment plant, not the Lalor one that this is in reference to. He said that the Lalor sewage treatment plant discharges only treated effluent to the Snow Lake sewer system.

SW resumed the presentation and described the Reed project.

*Comment:* Councillor Gordie Bear (MCCN) pointed to the aerial photograph of the Reed site. He said that he had been invited to bid on clearing the area and that he had been told that every tree was to be removed. He said that he was surprised that many trees were left standing.

*Response:* SW stated that they had redesigned the site to leave as many trees standing as possible, in order to minimize the amount of disturbance.

*Comment:* Councillor Gordie Bear (MCCN) felt he was being lied to when he was invited to bid and that some information was hidden from him so that he would not be successful in the bid. He also said that the area has recovered from the harvesting that occurred nearby. Councillor Gordie Bear suggested that the aerial photos shown in the presentation were out of date.

*Response:* SW showed another aerial photo of the Reed area, showing the parts of the forest that had been harvested.

SW resumed the presentation and described the existing camp at the Reed site.

*Comment:* Floyd (MCCN) asked what company runs the camp at Reed? Are there any opportunities for employment for Aboriginals? Was this tendered out or does Hudbay have a preferred company?

*Response:* SW said that VMS was using their drilling camp during exploration and HBMS has basically continued with the facility that was in place. He was not sure if this will change once production starts.

*Comment:* GG asked if Hudbay could provide a list of business, procurement or employment opportunities at the Reed site. She also asked if there were Hudbay targets on the percent of the workforce that is Aboriginal.

*Response:* SW said that Hudbay's president has been eager to discuss these opportunities with the Chief and said he'd leave it with the Chief to discuss that with Hudbay's president.

*Response:* Pam Marsden (PM) said she has been trying to schedule those discussions with the Chief.

*Comment:* GG and Floyd (MCCN) requested that the information on opportunities be provided ahead of time for review.

*Response:* SW agreed to forward any requests for information to the appropriate people within the company.

*Comment:* Mathias (MCCN) asked if Reed was similar to Trout Lake Mine? He also asked what size the haulage trucks were.

**Response:** SW confirmed that Reed was similar to Trout Lake Mine in that there was a decline in the early operation of Trout Lake Mine. However, Trout also has a shaft which Reed will not. He also said that the underground haulage trucks will be Load Haul Dumps (LHD), which are specifically designed for underground. They haul ore and rock to the surface and return underground. They are not designed to travel on highways.

**Comment:** Mathias (MCCN) asked SW to describe the ore haul trucks that haul ore from Reed to Flin Flon. How many haul trucks will travel on the highway?

**Response:** SW said there will be 33 trucks per day, over 24 hrs that will travel to Flin Flon.

**Comment:** Mathias (MCCN) said that he would be nervous to meet one of those big haul trucks on the highway at night.

**Response:** SW stated that Hudbay conducts highway traffic studies to determine what impact additional traffic will potentially be. He said that they are similar to semi-trucks which regularly travel on this highway.

**Comment:** Floyd (MCCN) asked if there would be a tendering process for the haulage trucks, if the mine is operational.

**Response:** SW said he believes they will tender that out.

**Comment:** GG suggested that it would be beneficial to MCCN to see a comparable mine, in order to understand what they look like and how they operate.

**Response:** PM said that we've taken MCCN Chief and Council and other members on mine tours in Flin Flon and Snow Lake in 2011. If there is interest in other tours, Hudbay would be happy to accommodate that request.

**Comment:** GG stated that she has worked with other First Nations groups to obtain Impact Benefit Agreements (IBA) with other mining companies. These provide details of financial benefits, employment and business opportunities as well as cultural benefits (e.g., unexplained time off to observe a spiritually significant day/event).

**Comment:** Glen Dumas (MCCN) asked SW what benefits are available for MCCN.

**Response:** PM asked if MCCN could provide information regarding what services/equipment MCCN could provide.

**Comment:** Glen Dumas (MCCN) said they have already provided the land.

**Comment:** GG agreed with Glen Dumas, in that First Nations are the biggest investors in any development, as they provide the land.

**Comment:** Glen Dumas (MCCN) recalled that Manitoba Hydro had built a generating station within their territory and promised to compensate. They have received no compensation, only bills for the Hydro services. Glen Dumas asked Hudbay what they will pay MCCN as compensation.

**Response:** GG suggested that there are more internal discussion that are required before we can make a list of demands.

Chief Dumas requested that the Hudbay timeline schedule be displayed on the screen. He then addressed the attendees in Cree. Other MCCN members added to the discussion, including Glen Dumas and Floyd, also in Cree.

**Comment:** Mathias Sinclair (MCCN) asked the non-MCCN attendees if anyone understood the Cree discussion. He said that this has often been the problem with these types of discussions in the past; that the communication gap is always present. He recalled spending a summer (~1964) on the north shore of Reed Lake with his sister and Ernest Lavallee (brother of George Lavallee, a trapper). Ernest Lavallee was working on the rail line. He said that the Lavalles and MCCN members lived in Cormorant. He said that his people have been in the Reed area and that he himself has spent time there as a First Nations person. He asked SW why they mined out Chisel Lake.

**Response:** SW said that Chisel Lake was mined out and that Chisel open pit was the crown pillar of Chisel Lake mine that was mined down from the surface. He said other mines in the Snow Lake area are mined out.

**Comment:** Mathias Sinclair (MCCN) asked if Chisel was not mining enough ore to continue operation of the rail line.

**Response:** SW said that after Stall Concentrator came online, ore wasn't being railed to Flin Flon. It became too expensive to continue using the rail line and cheaper to use trucks.

**Comment:** Elder Flora Jane Castel (MCCN) commented that no one consulted MCCN on how to conduct the environmental studies and that all they get is the final report. She said that MCCN needs to be consulted and be involved in planning these studies as these projects affect their land, water, and medicine. It wasn't long ago when they were forced to sign an agreement and get nothing in return. Elder Flora Jane Castel (MCCN) believes that more mining opportunities will come up in their territory and they want to be involved and benefit.

**Comment:** Glen Dumas (MCCN) agreed with Elder Flora Jane Castel, that the environmental impact assessment should include the First Nations perspective. He recalls stories of medicines growing on the shores of Wekusko Lake and more recently went there himself to find almost none. He uses that as an example of a clear effect. He suggested that if the company was interested in what was in the land, they should ask the First Nations.

**Comment:** SD asked if there were traffic studies between Reed Lake and Flin Flon and any studies on wildlife.

**Response:** Cliff Samoiloff (CS) confirmed that there were traffic and wildlife studies conducted.

**Comment:** Councillor Gordie Bear (MCCN) asked what size the rocks are that come out of the mines? He also requested the specific model or type of haul truck required so he could buy it and successfully bid on the tender.

**Response:** JC said the ore rocks are usually up to 2ft long.

**Response:** SW said that he could provide that type of information but that he does not handle the tendering.

**Comment:** Angus (MCCN) said that he does not want to see any trapper be displaced from his trap line. He said that many trappers require more than monetary compensation; it's not just livelihood but lifestyle as well. He suggested that Hudbay talk with the local trappers.

**Response:** SW said that they have reached out and had discussions with local trappers.

Chief Dumas suggested that we break for lunch (approximately 1:30pm).

SW thanked the Chief and Council for lunch and invited CS to discuss the environmental components (approximately 2:00pm).

CS also thanked the Chief and Council for lunch and the invitation to speak. He acknowledged the comments received so far. He requested more information from the MCCN regarding these areas and ideas on how to improve. He invited questions not only today but throughout the Project, there is always room for more work to be done. He described the various environmental components examined and the scope of the assessment.

**Comment:** Councillor Gordie Bear (MCCN) asked for some details on features on the map, some of the labels were not readable. He asked CS to name the large lake in the top left-hand corner of the map.

**Response:** CS apologized for the low resolution of the NTS map and better maps can be provided. The labels that are larger are a selection of waterbodies to give the map meaning. The large lake is File Lake.

**Comment:** Councillor Gordie Bear (MCCN) asked if waterfowl were assessed.

**Response:** CS said that flora and fauna were assessed and waterfowl are included in that group.

**Comment:** Councillor Gordie Bear (MCCN) asked why seagull eggs are green. He said that we wouldn't know they were green because we don't eat them and they [MCCN] do.

**Comment:** GG suggested that, as part of their internal discussions, the MCCN members can list the species that are important. This list can be compared to the list of species studied by AECOM and Hudbay, perhaps MCCN can provide new information or direction to Hudbay and AECOM.

CS invited SW to resume the presentation. SW provided an overview of the regional economic benefit of the Lalor and Reed projects.

**Comment:** GG asked what percentage of the workforce is Aboriginal (at Chisel North)? Does Hudbay have a target percentage?

**Response:** SW stated that unless employees self-identify as Aboriginals, Hudbay cannot inquire. Hudbay must also abide by employment equity laws, where they can't discriminate to hire people of a certain religion (for example).

**Comment:** GG asked how many employees worked at Chisel North.

**Response:** SW said approximately 80 people were employed at Chisel North.

**Comment:** Glen Dumas (MCCN) asked if Hudbay conducts monitoring before and after a project.

**Response:** CS said that, in addition to the baseline, EEM programs are conducted every couple of years. These examine all the same environmental components we looked at in the baseline and compares them to see if there was any impact.

**Comment:** Glen Dumas (MCCN) suggested that the Project Region should be expanded to be larger than 10km. He recalls seeing dust deposited in Pukatawagan as a result of the Flin Flon smelter.

**Response:** CS explained that the Project Region is defined in the early part of the assessment but can be expanded or reduced.

**Response:** SW indicated that there is a difference between a smelter and a concentrator. There will not be a smelter in Snow Lake. The effects from the concentrator will not travel past 10km.

**Comment:** Glen Dumas (MCCN) asked how far the evaporated chemicals could travel in the air.

**Response:** SW said that the smelter stacks were high up but that the vent raise at Lalor is at surface, effects won't travel that far.

**Comment:** Glen Dumas (MCCN) stated that he did not believe that the effects wouldn't be felt in MCCN territory or, at the very least, only within 10km of the Project Site.

**Response:** SW acknowledged Glen Dumass' concern about potential effects and resumed the presentation.

**Comment:** SD asked where the Anderson TIA was on the Project Site and why it wasn't on the Project Site/Area/Region map.

**Response:** CS said that the map was for the Lalor mine, not the concentrator (which has the Anderson TIA associated with it). He has an image of the Project Site for the Lalor Concentrator on his computer and offered to show it on the screen after the presentation if it was requested. [The Lalor Concentrator and Anderson TIA expansion were covered before lunch].

**Response:** SW reminded the group that the concentrator report is not submitted and is not completed yet.

SW resumed the presentation and talked about site closure. He emphasized that Hudbay is committed to closing sites properly and incorporates this consideration early in the planning process.

**Comment:** Councillor Gordie Bear (MCCN) asked if there were Hudbay mines in the Snow Lake area that require closing.

**Response:** SW said that Stall Lake mine needs to be closed but Hudbay is waiting for the Stall Lake concentrator to close before closure activities are conducted. Chisel North finished operation in September 2012 and will also need to be closed however, it is part of the Lalor ramp and mine project.

**Comment:** Councillor Gordie Bear (MCCN) asked if there were other mines in the Flin Flon area that need closing and if so, if this work will be tendered out.

**Response:** SW said that Trout Lake mine needs to be closed and will provide information on tendering when it becomes available.

**Comment:** Chief Dumas stated that they will have a unique relationship with Hudbay moving forward to ensure that MCCN members receive the jobs first.

**Response:** SW repeated that Hudbay's president is eager to discuss opportunities for MCCN with the Chief.

**Comment:** Rob Robinson (MCCN) asked about what kinds of training Hudbay provides. He asked if there is on-the-job training, or classroom training that MCCN members could take advantage of.

**Response:** PM said that there are many training opportunities. Hudbay wants to engage with MCCN, to include the Mining Academy and the University College of the North. We want to encourage MCCN to take part in these opportunities.

Chief Dumas thanked Hubbay and AECOM for their presentation and information. He stated that there are internal discussions and more work needs to be done. He will send dates for another larger meeting. SW thanked the Chief for the opportunity and again, offered to provide any additional information they need.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to be 'Shawna K. Jantanson', written over a large, scribbled-out area.

**Shawna K. Jantanson, M.Sc.**  
**Environmental Scientist**





**Photograph 1.** Reed AEP Site under Development, looking east (August 2012) ↑



**Photograph 2.** Reed AEP Site looking north, southern reach of Reed Lake approximately 3 km in background (August 2012) ↑



**Photograph 3.** Reed AEP Site and Access Road on right, PTH 39 on left, looking east (August 2012) ↑



**Photograph 4.** Reed AEP Site, looking south (August 2012) ↑



**Photograph 5.** Reed AEP, Site Tour (Official Opening, August 2012) ↑



**Photograph 6.** Reed AEP, Site Tour (Official Opening, August 2012) ↑



**Photograph 7.**

**Reed AEP, Opening Ceremonies (Official Opening, August 2012)**

