



ATLANTIC GOLD

Moose River Consolidated (MRC) Project Community Liaison Committee (CLC) Meeting

Meeting Minutes

9am-12pm. June 24, 2017

Ausenco Office on Atlantic Gold Touquoy Gold Mine Site

IN ATTENDANCE

CLC Members and Represented Community

Charles Brown (Musquodoboit Harbour)
Jennifer Copage (Sipekne'katik First Nation)
Richard Deale (Middle Musquodoboit)
Gary Leslie (Upper Musquodoboit)

Gilbert Fahie (Mooseland)
John Kennedy (Pleasant Harbour)
Marilyn Munroe (Sheet Harbour)
Barry Prest (Mooseland)

Regrets

Gerald Gloade (Millbrook First Nation)

Atlantic Gold Representative

Jim Millard, Manager Environment and Permitting
Tony Woodfine, General Manager
Gregg Vickell, Mill Manager
Leah Bryne, Health and Safety Manager

Guests

A representative from Cyanco, Cyanide Chemical Supplier

Note: Atlantic Gold is identified as AG throughout this document.

ITEMS DISCUSSED

1. Welcome and Review of Past Meeting Notes

- a. Jim Millard welcomed all Community Liaison Committee Members and Introduced himself as the Environmental Manager. He had also asked all guests if it was acceptable to tape our meeting so that AG is able to have another resource when completing the Meeting Minutes. All guests had agreed to this.
- b. Jim Millard reviewed the Agenda and last-minute changes.
- c. Safety Share was given by Leah Byrne.
 - i. Information was given on Turtles on site that are being protected. Turtles are laying eggs in and around our site so Environmental services have been painting them for driver's to be aware of them on the road for their protection and because they can be hazardous for drivers as well. Tony had noted they have Environmental Crews on site moving the turtles off the road and shutting down traffic at twenty minutes at a time to get the road clear of the turtles.
 - ii. Leah made all guest's aware that the area we were in was a PPE free zone. She stated that anywhere outside of this area you are required to have PPE on and would need to be escorted by a representative of Atlantic Gold (AG). She also pointed out the emergency exits and the Muster point area and First Aid building in case of an emergency. Leah also explained she is trained in first aid and other representatives of AG are as well. Leah advised in a case of emergency to evacuate in a calm manner as to avoid any hazards.
- d. Introductions were made from Community Liaison Committee Members and AG Representatives.
- e. Revisions to last meeting notes. Length of meeting to be set to 2 hours but if needed there will be extensions. Minutes from last meeting were accepted. Marilyn Munroe moved to accept the previous minutes. All members voted and accepted the previous minutes.

2. CLC Terms of Reference (ToR) Reviewed.

- a. In section 3.2 of the Terms of Reference it was discussed that reimbursement of travel expense be 52 cents/km based on the Federal government rate. This rate depends on address and is to be paid to attendees every six months. Retroactive payments to October. All members to email Jim Millard their address for mileages.
- b. Marilyn Munroe moved to adopt CLC Terms of Reference, all members voted in favor of this. Members that attended all signed a copy of the CLC Terms of Reference and passed them into Jim Millard.

3. Vote on New Chair for Community Liaison Committee.

- a. Vote was conducted, three people were nominated Marilyn Munroe, Barry Prest and Charlie Brown. Marilyn Munroe and Barry Prest respectfully declined and Charlie Brown accepted and was appointed. Marilyn Munroe moved to vote and Jennifer Copage seconded it. This Chair position is a one year term.

4. Employment and Engagement.

- a. Tony stated that over 200 positions are open that AG will be hiring for and that around 102 positions have been filled. Offers are out for these positions, most positions filled so far are from local people (Nova Scotia). Tony said we may have to hire outside of the local area for the Lab Manager. Tony stated there was a fourth Crew we are currently being hired. The Mill has 79 positions that are open.
- b. All CLC Members were concerned about Employment. Marilyn Munroe asked about more update on a job fair. Tony stated he didn't have enough personnel to run the job fair. Jennifer asked where are jobs posted and Tony said AG has a website where you can see current job opportunities. Resumes are being accepted online from this website. Tony also stated there is a job recruiter working with AG to help find employees. Barry Prest stated all he had seen on the website was higher up positions, Tony stated AG typically posts 6-8 positions a week but that background checks are slow. Tony also stated AG is hiring for 12 labour jobs. There are 20 truck drivers are already hired, four more needed. Will

also require other mobile equipment operators (dozer, loader, excavator). Shifts are 4 days on (12 hours per day) and 4 days off.

- i. Richard Deale asked who replaced the Maintenance Superintendent Position and Tony stated this position has been filled and there will be 3 full time positions on the team.
- ii. Tony also said we have 24 to 28 Alva fulltime employees and 8 employees with Archibalds and two employees with Dyno. Richard asked if any employees from Alva apply for a job with AG would they be considered for hiring and Tony said yes if they have a good safety record. Tony stated the best way for people to apply would be to submit to the AG online website.
- iii. Jennifer asked if Jim Millard would be taking the place of the role that previous Environmental representative had played regarding meetings and presentations that had been planned. Jim stated that some meetings he could attend depending on the content. Tony said that Jim would attend if its facts or information needed and another AG representative would attend if its anything to do with negotiations. Tony requested that all questions to be submitted to Jim and then we will identify person to respond.
- iv. Jim stated that AG is also hiring for two positions for Environmental Technologists.
- v. Leah had stated they are also looking for another Health and Safety staff member and that she is confident we will be hiring local for this position as well. Tony stated we have expanded from two Health and Safety positions to three. Projected number of employees has increased.

5. Project Updates:

a. Touquoy Gold Project:

- i. Jim stated safety and environment are the core values that AG focuses on during the projects.

- ii. Variables that impact success in mining are environmental, market forces, Gold grade and extraction method. Charlie inquired about ground watering tests being done and that the people of Lake Charlotte are concerned about the effects of downstream water flow. Jim showed a map of the 64 wells and explained that tests are done frequently. Jim explained about the Metal Mining Effluent Requirements (under Fisheries Act) and that these regulations provide the basis for the environmental monitoring that is conducted. Scraggy Lake heavily monitored for fish, sediment and benthic invertebrate (insects). Charlie asked how far downstream the monitoring is done. Jim replied and said if you don't have an effect upstream you will not have affect downstream. Jim agreed on doing a presentation for the community at the Musquodoboit Harbour Town Hall and will present the monitoring programs being conducted and schedule. A CLC Member stated that the previous Environmental representative was supposed to do a presentation in the Tangier area but did not do this. Charlie stated he would email Jim the information on the next Town Hall Meeting to book the presentation.

Tony stated there are two things that you need to keep in mind when mining and that is to follow the Metal Mining Effluent Regulations and to abide by the terms and conditions of the Industrial Approval (IA) and Environmental Assessment Approval. Jim also stated that you need to follow the rules of the MMER or you can be prosecuted and this can affect your license to operation. The MMER is enabled under the Fisheries Act.

- iii. Richard Deale had asked about the Mini Pit and Jim had stated he applied to have a permit to have a Mini Pit dewatered. AG is proposing to study the fish that will be removed. Jim said the permit will be here in two to three weeks.
- iv. Greg spoke and stated that the Mill is seventy percent complete. The first ore feed will be September 4. Electrical and piping are being done now. Piping is well advanced. Business readiness they are recruiting now and most senior staff are identified now and with the operators they are close on the hiring being complete. Parts and procurement have been ordered.
 - 1. Gilbert asked about the repair of all roads that AG will be using to transport all materials. Jim had stated that we all would like to see

these roads repaired but that would be up to the Transportation and Infrastructure Renewal.

2. Jennifer asked about having more visible signage for the roads in our area. She had stated that we need more signs visible before the public approaches the Mine area. Tony stated that he has ordered six new signs and that we can put the signs on our property but, we are just waiting for a permit to place the signs that are not on our property that are further out on the roads. The Turtle signs are just temporary until we have the proper signs arrive.
 3. Marilyn also stated the concern of the public being unaware of the mine before approaching because of no signage.
- ii. Update on the TMF. It can impound water, 16.5 elevation for commissioning. 14.5 on West side 2 m elevation still needed but are on schedule. Water needs to be impounded to support milling startup. Polishing Pond construction has commenced. Power lines are run and pipelines are being installed. Silt curtain in place at Scraggy Lake to mitigate against sediment deposition and transport during pump intake construction. Diversion road-bridge to be completed in two weeks (July 11th). Gilbert asked if the public needs an escort through the Diversion road and Tony stated no, this will be a public road. So far approximately 1.5 million T of rock removed from the pit, most used for road and TMF construction. Old pick axe was recovered from the pit (from old workings) and it was in perfect condition. AG donated this to the Museum along with a Bible that was recovered as well in the Church. Monument and Gazebo were also supplied to the Park by AG.
 - iii. Leah spoke about safety at the Mine and that we demand safe production or there is no production. New program introduced called SLAM (Stop, Look, Analyze, Manage) Leah explained this program and a booklet was provided to all members on this new tool they have in place.
 - iv. Gilbert had asked if a helicopter pad would be in place at the Mine in case of emergency. Leah stated that a helipad location has been identified. The training will be self-contained on site for emergencies and, they are working with the surface ground emergency rescue teams and the Musquodoboit Valley Memorial Hospital. We do not operate with the Cyanide process unless the Musquodoboit Valley Memorial Hospital is operational. Gilbert asked what route and procedure we will be using to transport the Cyanide to the Mine. Greg asked if we can wait

until later in the meeting the Cyanco representative does his presentation on Cyanide.

5. Project Update Continued:

a. Beaver Dam Mine Project:

- i. Environmental Impact Statement will be posted for Public this month at the Middle Musquodoboit Forestry Centre. Posted at the Sheet Harbour Library. Charlie asked if we can receive a link to this. Jim stated it is a one year wait for approval.

6. Focus Discussion Items:

a. Contingency planning

- i. Cyanide transportation and Handling, presentation done by a representative from Cyanco Company (is our Chemical Cyanide Supplier). Charlie asked where product originates. The Cyanco representative responded that the Cyanide is from Nevada and Texas. Gilbert asked how our water supply is being protected from Cyanide. The Cyanco representative said they do a process that is very well known, and outside labs test the toxicity of solution to confirm end of system effluent using fish survivability tests. Jim also stated we have recirculation of water so a lot is staying in our system and we only have extra discharge. Charlie asked what lab maybe doing the testing and Jim replied it is an outside offsite lab. Charlie asked what is the turnaround time, Jim replied we do some testing on site then it is to be confirmed with the outside lab. Jim stated it is a 48-hour turnaround for these tests. Charlie was concerned about a 48-hour turnaround and if this will affect the public. Jim stated the water chemistry will not change overnight and that the 48-hour turnaround will be sufficient. Jim said we can identify issues before they cause harm to the receiving environment (Scraggy Lake and downstream).
- ii. Gilbert asked about the packaging of Cyanide for delivery. The representative from Cyanco stated that it is put in two layers of plastic bags, with negative pressure (no dust) sealed in boxes then sealed in a sea container. Cyanide will be transported by truck no escort. The Cyanco representative stated the company delivering the Cyanide needs to meet

all Cyanco's standards. Gilbert asked if the public is safe if they have an accident, the Cyanco representative said yes and Greg stated that the cyanide comes in bricks and a hazard team is called immediately if there is a spill. The Cyanco representative also stated that the transport route has already be set to be the 102, 212, 357 and 224 highways then onto Moose River Road and this was picked for safety reasons. Jennifer asked what if there is an airborne risk of an incident and what protective measures are in place and the Cyanco representative stated that there will be an HCN gas monitor. Greg stated the only issue may be a risk if cyanide contacts water. Leah stated there are lots of controls in place in event of any accident with the Cyanide. Charlie said he had a report about Cyanide and wanted to forward this to Greg for his review. Greg had said that anyone can speak to the Cyanco representative more on the Cyanide topic at any time. The Cyanco representative also referred the training video from his company can be made available and that it is also found on youTube. Jim stated regarding garbage example: bags used are taken to hazardous materials landfill (Ontario) and certificates are needed to verify disposal. AG is responsible for hazardous waste generated from the site based on Cradle to Grave principle.

7. Next Regular CLC Meeting

- a. Agenda:
 - i. Focus topic: Production Update
 - ii. Downstream water quality
 - iii. Charlie to ask Committee who they want for a guest to attend the next meeting. Then to discuss with Jim about this.
- b. Timing and Location: Saturday September 16th, 2017 – 9AM-11AM.
 - a. It was suggested that meeting be set for two-hour length of time unless more time is required.
 - b. Location to be at the New AG Administrative Building. No PPE required and provide access information and map of how to locate the building will be provided.