



Unimin/ Public Liaison Committee Meeting Minutes – April 28, 2017

Date: April 28, 2017
To: PLC Members
Copies: Blue Mountain Modernization PLC Engagement files; Mary Kainer (Environmental Chair, LKRA); posted on www.CanadianNepheline.ca website
Subject: Public Liaison Committee - Minutes of April 28, 2017 Meeting

Meeting Date: Friday April 28, 2017

Time: 2:30 pm - 3:45 pm

Attendees:

Lake Kasshabog representatives: John Davison – East Lake rep, Mike Delsey - East Lake rep, Rick Rye - West Lake rep, Dawn Mitchell – Member at Large, Jim Martin – Municipal Observer,

Unimin Canada Ltd: Mikhail Clarkson, Michele Oxlade, Shane McShane, Alex Vanags

Absent: Janet Humber – West Lake rep

Agenda Items:

Terms of Reference
Modernization Update
Summer Operations
Mine Progression
Tour

The meeting was opened with introductions from the new Operations Managers; Shane McShane for the Blue Mountain Plant and Alex Vanags for the Nephton Plant.

1. Terms of Reference

- M. Clarkson requested to make changes to page 3, article 5 of the PLC Terms of Reference. Eliminate the first highlighted sentence and replace with the final sentence.
 - Question from Mike Delsey – Will they continue to meet quarterly as a minimum?
 - Response from M. Clarkson – The committee has been meeting only three

Unimin/PLC Minutes of Meeting – April 28, 2017

times a year therefore they are currently not meeting the terms of reference.

- It was agreed to meet a minimum of twice annually. Unimin will draft up the requested changes and circulate for approval.

2. Modernization Update

- M. Clarkson outlined that there have been some changes to the proposed building since the last meeting which will result in a smaller footprint with more of the construction taking place inside the building rather than outside.
 - Question from Dawn Mitchell – Concerned about the outside equipment generating noise.
 - Response from M. Clarkson – The motors are electric therefore quiet. There will be no meaningful increase in noise and the building is still being sound insulated.
 - Question from Dawn Mitchell – Can the motors be covered?
 - Response from M. Clarkson – There is potential for the motors to be covered.
 - Question from Dawn Mitchell – What direction will the towers be facing?
 - Response from M. Clarkson – The towers are located on the south side of the building so they will affect the cottagers. He will provide feedback to the engineers.
 - Questions from Dawn Mitchell – Is there a possibility of erecting some sort of sound wall?
 - Response from M. Clarkson – They can investigate reasonable approaches such as clad around transfers.
- M. Clarkson advised that tree clearing for storm water and diverting a stream for a roadway has already begun.
 - Question from John Davison – What is the tree clearing on the top of the mountain that they can see?
 - Response from M. Clarkson – That tree clearing is part of the regular mine planning.
 - Question from John Davison – Do we anticipate more trucks?
 - Response from M. Clarkson – Yes there will be more trucks.
 - Question from Dawn Mitchell – They already can hear trucks at the cottages, do we know if there will be any upgrades done to County Road 46?
 - Response from M. Clarkson – We would love to see upgrades done to the highway. The plan is to have trucks come from both directions, some from Havelock as well as Apsley.
 - Question from Dawn Mitchell – Does the plant follow half loads restrictions?
 - Response from M. Clarkson – Yes we do.
- M. Clarkson stated that the modernization plan will be presented to the Board of Directors in September 2017. In general plans are moving along quickly.

3. Summer Operations

- M. Clarkson updated the committee on the following:
 - Nephton has full time employees dedicated to the tailings area.
 - Blue Mountain is continuing daily inspections with onsite resources.
 - Both plants are operating 24/7 with Blue Mountain not expected to go down to 5 day operations until late fall.

Unimin/PLC Minutes of Meeting – April 28, 2017

- Starting the May long weekend, Nephton haul trucks will start at 8 am and operate same hours as last year. M. Clarkson to confirm operation hours.
 - Update: Nephton haul trucks will not operate before 7:30am or after midnights on Weekdays or before 7:30am and 7:00pm on weekends (Saturday and Sunday)
- The open houses will follow the same format as the previous year and will be held in August.

4. Mine Progression

- M. Clarkson outlined that permitting for the north waste dump expansion is further along however there is no approval yet. The south pit is advancing with has resulted in the tree clearing. Waste rock haulage from the south pit expansion is taking place on the night shift.
 - Question from Rick Rye – How long will this take?
 - Response from M. Clarkson – Into the foreseeable future. The noise will get better as time goes on and the elevation decreases.
 - Question from Mike Delsey – Will the height of the waste dump go up?
 - Response from M. Clarkson – There is no plan for the waste dump to increase in height, it will expand outwards.
 - Update: The waste rock pile is permitted for one more 30' lift.
- M. Clarkson informed the committee that Unimin has achieved good results through the spreading of straw on the tailings. During the shoulder season after the snow melts, it is too early for sprinkler operation. The spreading of straw has proven to be successful in covering the exposed tailings.
 - Question from Rick Rye – Where is Unimin at with the approval process?
 - Response from M. Clarkson – ECA permitting is progressing well.

5. Tour

- All attendees, except for A. Vanags, toured the quarry, and tailings area in two Unimin vehicles.

Meeting adjourned at 3:45 pm

Next Meeting – To be determined