



Notes of Meeting #21 – Algoma Community Liaison Committee

Date: June 6th, 2017

Location: Algoma
Administration Building
Board Room

Time: Noon to 2:00pm

CLC Members in Attendance

Fred Post – Algoma
Josh Ingribelli – Algoma
Lori Greco - Ontario Ministry of Environment
Ron Dorscht – Ontario Ministry of Environment
Kara Flannigan – Algoma Public Health
Trevor Quinlan – Chippewa County Health Department
David Trowbridge – Public
Patt Marquis – Public
Reg Dunn – United Steelworkers Local 2251
Josh Brooks – St. Mary’s River RAP

CLC Members not in Attendance

Catherine Taddo – Corporation of the City of Sault Ste. Marie
Dan Cooper – United Steelworkers Local 2251
Jonathon Bouma - Algoma Public Health (alternate)
Dan Sayers Jr. – Batchewana First Nations
Kathie Brosemer – Sault Ste. Marie Tribe of Chippewa Indians
Dave Clingen – Algoma
Lisa Derickx – St. Mary’s River RAP Coordinator

Meeting Notes

1. Review of the Agenda

There were no new items proposed to be added to the agenda.

2. Review of Meeting #20 Notes

The notes for CLC Meeting #20 held on February 21, 2017 were tabled and accepted by all in attendance.

3. Membership issues

Josh Brooks was introduced representing the RAP in place of Lisa Derickx. A re-cap of recent changes was provided.

4. Site Specific Standard for particulate and BaP

Fred re-capped the status of the Site Specific Standard for particulate that was issued in March 2015. This request was based on an emissions model that predicted emissions over the limit. The regulation has an alternate compliance mechanism in which the MOE and the company agree to a plan to reduce emissions over a period of time. Algoma worked with the MOE and other coke makers to develop this new Standard with a focus on emission reductions from the cokemaking process in anticipation of the new limits coming into force for Benzene and BaP. A Site Specific Standard has been developed and its implementation began on July 2nd 2015.

On July 2nd 2015, Algoma began to monitor coke oven emissions in accordance with the site specific standard. New limits came into force on January 1st 2016. A graphic representation of Algoma's performance was presented along with a summary of corrective actions and operational adjustment made to date. There is a consistent improvement trend for all emission sources, highlighting the most recent reductions in door and standpipe emissions.

An update was provided on the progress of the Cokemaking Emission Reduction Plan that was presented to the MOE back in February 2016, and the success of work completed to date was discussed. The projected emission trends were presented to the group for doors and standpipes, showing how Algoma will achieve compliance on all batteries. The company achieved full compliance with all limits on July 6th 2016 and new limits which came into force on January 1st 2017 have been a challenge to meet, specifically for door emissions. Algoma has continued to demonstrate improved performance and has now achieved full compliance with standpipe emission limits and has made great strides in reducing door leaks. The repair work which is currently ongoing is expected to result in continued improvements over the coming months and the company anticipates achieving full compliance with the new limits in 2017.

It was suggested that Algoma review the ambient air monitoring data to see if there is a corresponding reduction in measured emissions at the community monitoring sites.

5. Site Specific Standards for Benzene

An update was provided regarding the site specific standard for benzene. The Benzene approval and order was issued as it was originally presented. The approved standard requires continued addition to the Benzene Emission Control (BEC) system followed by on site monitoring. The company is proceeding with the installation of benzene emission controls as outlined in the site specific standard.

6. Boat Slip Sediment Assessment

As part of the ongoing efforts to de-list the St. Mary's River as an Area of Concern (AOC) under the Remedial Action Plan (RAP), Algoma conducted a re-assessment of the sediment quality in the boat slip in fall 2014. The boat slip was dredged twice (first in 1998 and second in 2006) and had not been re-assessed since prior to the last dredging. In 2014 Algoma combined efforts with Environment Canada, the MOE and the RAP to conduct a follow-up sediment assessment. The results indicate the continued existence of PAH contamination in the north end of the slip. The next step involves dredging of the sediment which is scheduled for summer 2017. The company

has been working with Environment Canada, the MOE and the RAP to ensure the plan is aligned with all requirements.

The company must obtain two permits before dredging activities can proceed. These include: an in-water works permit to allow the dredging to occur and to ensure all the proper protocol are followed; and a minor amendment to the landfill ECA to ensure proper protocol are followed for the disposal of the dredged sediment.

7. Export Dock

The export dock is a commercial dock located on the western portion of the property, used by large vessels for the shipping and receiving of materials and byproducts. The dock was made by the controlled sinking of an old ship in 1987. On Monday May 15th an oil sheen was discovered coming from the export dock. The sheen was observed coming from a hole in the ship and emergency response protocol was initiated immediately to contain the area with booms. All relevant authorities were notified, conducted site inspections and have remained involved: MOECC, Transport Canada, Canadian Coast Guard and the DFO. Upon investigation drums containing oil and grease were discovered inside the ship and were removed immediately along with any other visible contaminants. Skimming of residual oil sheen inside the ship continued until no visible sheen. The hole in the ship which was originally a result of a vessel collision in 2007 is being sealed by installing large steel plates which will contain any unknown contaminants inside the ship. All necessary permits to conduct this work have already been obtained and the work commenced June 5th.

8. Status Report: Noise Abatement

Early in 2014 the MOE accepted a plan to reduce noise emissions from 10 sources throughout the facility. Two of the ten were controlled in 2014.

Plans for the current year include installing acoustic enclosures around 3 fan motors on a cooling tower and installing 2 fan motor enclosures at the steelmaking gas cleaning plant and the installation of an acoustic silencer at the #2 BOSP steam blow-off.

9. Current and planned activities that require Environmental Compliance Approval application:

Administrative amendment to steelmaking effluent ECA treatment system to reflect structural changes made in July 2015. The structure was simply raised in order to prevent Lake Superior water from entering system. There were no changes to treatment system or effluent quality. The MOECC has approved the ECA application and included a new condition requesting within one year, a new site wide ECA application be submitted for all effluent discharges in order to update the Ministry's records on the current sewage works in use.

Algoma will be submitting a priority request for amendment to the landfill ECA to allow for the disposal of larger quantities of dredged river sediment than currently permitted, which will allow for the boat slip dredging to occur.

10. Greenhouse Gasses – Cap and Trade

Fred explained that a new provincial cap and trade regulation has been passed and took effect January 1, 2017. The system will be linked with the existing Quebec and California systems in

2018. Compliance will be rolled up to the facility level, but incorporates targets for each process within the facility (coke, iron, steel, lime, etc.). In an effort to avoid carbon leakage, a 100% assistance factor has been granted for the first compliance window to energy intensive, trade exposed industries such as steel. Carbon leakage can occur when production shifts to less efficient jurisdictions where no carbon costs exist, resulting in a net increase in emissions. There is also recognition for fixed process emissions for which free allowances have been granted for the first compliance period with an annual cap decline of 4.57% on combustion emissions. The estimated cost of carbon is ~\$13 USD/tonne. An off-set program is under development as well as a credit/bank system, but details are unclear at this time. Algoma is investing in some CO2 reduction projects this year and investigating numerous other opportunities. The first government auction for allowances occurred in March resulting in raising significant funds to be re-invested in GHG reduction projects across Ontario.

11. Public Open House

The last Public Open House was held on December 14th, 2016 from 3-7pm at the Library at the Northern Community Centre. The next open house will be scheduled in fall 2017.

12. Next Meeting

In order to have better consistency with CLC meetings members were canvassed regarding dates for 2017 CLC meetings. Future meetings are tentatively scheduled as follows:

- September 12th 2017
- December 5th 2017

The meeting adjourned at 2:00 PM, June 6th, 2017.

*Meeting notes prepared by Fred Post.
June 6, 2017*

Current Members and Alternates

Representation	Primary Member	Alternate
Algoma	Fred Post	Dave Clingen
Algoma	Dave Clingen	Fred Post
Algoma		Josh Ingribelli
Ontario Ministry of Environment	Lori Greco	Ron Dorscht
Public	David Trowbridge	Ildiko Horvath
Public	Patt Marquis	
SSM Tribe of Chippewa Indians	Kathie Brosemer	

Algoma Public Health	Kara Flannigan	Jonathon Bouma
Chippewa County Health Dept.	Trevor Quinlan	Suzanne Lieurance
Batchewana First Nations	Dan Sayers Jr.	
City of Sault Ste. Marie	Catherine Taddo	Dan Perri
United Steel Workers Local 2251	Dan Cooper	Reginald Dunn
St. Mary's River RAP Coordinator	Lisa Derickx	