



Notes of Meeting #22 – Algoma Community Liaison Committee

Date: Sept 12th, 2017

Location: Algoma
Administration Building
Board Room

Time: Noon to 2:00pm

CLC Members in Attendance

Fred Post – Algoma
Chris Galizia – 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
Reg Dunn – United Steelworkers Local 2251

CLC Members not in Attendance

Patt Marquis – Public
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 #21 Notes

The notes for CLC Meeting #21 held on June 6, 2017 were tabled and accepted by all in attendance.

3. Membership issues

A re-cap of current membership 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 Reg. 419 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 and again on January 1st 2017. 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 for which the company achieved full compliance with the new limits in August 2017.

The MOECC confirmed the following at the CLC meeting: In light of recent improved coke oven performance and compliance with the current SPM limits, the Ministry is currently reviewing the draft amended S.35 Order, and will be posting a decision notice to the EBR registry, that the proposed condition to require the shutdown of a non-compliant battery is no longer required.

In addition, a decision to issue SSS for BaP will soon be posted, now that Algoma has demonstrated compliance with the SPM SSS.

At a previous CLC meeting, 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. A summary of the air monitoring data from 2010 to 2017 was presented showing a recent marked reduction in benzene and BaP at the monitoring stations.

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. Two of three controls have already been installed in 2017.

6. Boat Slip Sediment

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 has obtained 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.

Commencement of dredging began in late August and was ongoing at the time of this meeting. It is expected to conclude by Sept 22nd 2017. All protocol are being followed and dredging appears to be very successful at removing contaminated sediment. After completion of dredging, a post dredging sediment assessment will be conducted to evaluate the effectiveness of the program and to determine future steps to take if any.

7. Road Paving

As part of Algoma's plan to continually reduce particulate emissions from road dust, two areas were paved in summer 2017. A total of approximately \$500,000 was spent to pave two sections of heavy haul roads. These areas are expected to reduce particulate impacts from road dust on the Bayview area.

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 fiscal 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:

Algoma submitted a priority request for amendment to the landfill ECA to allow for the disposal of larger quantities of dredged river sediment than previously permitted, which will allowed for the boat slip dredging to occur. The amendment has been made by the MOECC.

There are currently no outstanding requests for ECA's with the MOECC

10. Greenhouse Gasses – Cap and Trade

Fred explained that a new provincial cap and trade regulation has been passed and took effect January 1, 2016. The system will likely 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 by the MOECC for the first compliance period 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. There is an annual cap decline of 4.57% on combustion emissions which are considered non-fixed. The recent cost of carbon at government auction is ~\$18 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. Quarterly government auctions for allowances have resulted 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:

- December 5th 2017
- March 6th, 2018
- June 5th, 2018

The meeting adjourned at 2:00 PM, September 12th, 2017.

*Meeting notes prepared by Fred Post.
September 20th, 2017*

Current Members and Alternates

Representation	Primary Member	Alternate
Algoma	Fred Post	Dave Clingen
Algoma	Dave Clingen	Fred Post
Algoma		Chris Galizia
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