

**Notes of Meeting #16 – Essar Steel Algoma Inc.
Community Liaison Committee**



Date: October 6th 2015

Location: Essar Steel Algoma Inc.
Administration Building
Main Conference Room

Time: Noon to 2:15pm

CLC Members in Attendance

Fred Post – Essar Steel Algoma Inc.
Dave Clingen – Essar Steel Algoma Inc.
Josh Ingribelli – Essar Steel Algoma Inc.
Blair McLaughlin - Ontario Ministry of Environment
Ron Dorscht - Ontario Ministry of Environment
David Trowbridge - Public
Kara Flannigan – Algoma Public Health (alternate)
Lisa Derickx - St. Mary's River RAP Coordinator
Don Elliot – Corporation of the City of Sault Ste. Marie

CLC Members not in Attendance

Dave Martin – Chippewa County Health Department
Dan Sayers Jr. - Batchewana First Nations
Bill Denny – United Steelworkers Local 2251

Meeting Notes

1. Review of Meeting #15 Notes

The notes for CLC Meeting #15 held on April 30th, 2015 were tabled and accepted by all in attendance.

2. Membership issues

Corrina Barrett and her alternate Carrie Ginou are not able to attend and Lisa Derickx has stepped in to fill their place. All in attendance approved Lisa to represent the RAP on the CLC.

Josh Ingribelli was also introduced as a new employee hired to focus on coordinating efforts to achieve the new limits outlined in the Site Specific Standard for particulate.

3. Port of Algoma

A guest speaker representing the Port of Algoma provided a brief overview of the developments to date. Highlights of the discussion include the following:

- Port of Algoma redevelopment study is being led by KPMG and Aecom

- It is not a new greenfield port development. The proposed activities on site will remain largely the same (storage, shipping and receiving of raw materials, products and by-products).
- Existing port facility is being studied to determine the viability for a common user commercial port
- If successful could result in an incremental (~10%) increase in vessel traffic in the Sault area
- Numerous environmental benefits will result from the port redevelopment
- The Port of Algoma will abide by all applicable environmental requirements (federal and provincial).
- Consultation with interested parties (public/first nations/environmental groups/government) to present the conceptual design, environmental impacts/mitigation measures, and environmental benefits are planned to commence once the project has been clearly defined.

4. Boat Slip Sediment Assessment

As part of the ongoing efforts to de-list the St. Marys River as an Area of Concern (AOC) under the Remedial Action Plan (RAP), Essar conducted a re-assessment of the sediment quality in the boat slip in fall 2014. Essar's boat slip was dredged twice (first in 1998 and second in 2006) and had not been re-assessed since prior to the last dredging. Essar combined efforts with Environment Canada, the MOE and the RAP to conduct a follow-up sediment assessment. The results indicate that continued existence of PAH contamination in the north end of the slip. The next step will likely involve consultation with Environment Canada, the MOE and the RAP in developing a plan to address the contamination.

5. 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 2015-16 mitigation include installing acoustic enclosures around 3 fan motors on a cooling tower and 2 fan motors at the steelmaking gas cleaning plant. Additionally, engineering is under way for designing an electricity generating steam turbine to utilize excess steam from the steelmaking process.

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

Essar has received the requested amendment to the landfill ECA. There are no outstanding issues with this ECA.

There have been two applications submitted to the MOE as follows:

- i) New Cokemaking Battery – In progress with the MOE.
- ii) Administrative amendment to steelmaking effluent ECA treatment system to reflect structural changes made in July. 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.

Fred explained that an application for a new coke battery is currently under review with the MOE, however Essar has no immediate plans to construct a new battery. This application is proactive in the event Essar decides to construct a new battery.

7. Site Specific Standard for particulate

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. Essar 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, Essar began to monitor coke oven emissions in accordance with the site specific standard. A graphic representation of Essar's performance was presented along with a summary of corrective actions and operational adjustment made to date. There is a consistent improvement trend for the majority of the emission sources.

David Trowbridge suggested that monitoring data from before and after the implementation would be useful to compare against actual performance and share at the next public meeting.

Also presented was a list of the planned and ongoing repair work on the coke batteries which is intended to assist in meeting future limits as prescribed in the site specific standard. Additional efforts to reduce particulate emissions from the facility were discussed including road paving and repairs to rail crossings.

A brief update was also provided regarding the pending site specific standards for benzene and BaP. Both of these approvals are finalized and pending signoff by the Ministry.

8. PCB's

Fred explained to the committee that all remaining PCB's have been removed from service and are on schedule to be sent for final destruction.

9. Greenhouse Gasses – Cap and Trade

Fred explained that provincial consultation on the cap and trade system is ongoing, however it is unclear at this point what the legislation will look like or what the targets are going to be. On a federal level consultation activity has stopped, likely due to the impending election.

At this point in time the government is aiming for sector wide emission intensity targets based on a three year sector average intensities for each process within the steelworks (Coke, Iron, Steel, Lime, etc). Compliance will be rolled up to the facility level, but incorporates targets for each process within the facility. An off-set program is under development as well as a credit/bank system, but details are unclear at this time. There will be some form of recognition for fixed process emissions and there is likely to be an assistance factor for energy intensive trade exposed industries such as steel to avoid carbon leakage. There will be an annual decline in the allowable cap of emissions and the estimated cost of carbon is \$12 USD/tonne.

10. Public Open House

The last Public Open House that was held on June 24th, 2015 at the new Library at the Goulais Avenue Community Centre. The next open house will be scheduled for some time in spring of 2016. The focus will be on the Cokemaking Site Specific Standard.

11. Next Meeting

Members agreed that the next meeting would be proposed for some time in January 2016. The members would be canvassed at a later time for suggested dates.

The meeting closed at 2:15 PM, October 6th, 2015.

*Meeting notes prepared by Fred Post.
October 9th, 2015*

Current Members and Alternates

Representation	Primary Member	Alternate
Essar Steel Algoma Inc.	Fred Post	Dave Clingen
Essar Steel Algoma Inc.	Dave Clingen	Fred Post
Ontario Ministry of Environment Public	Blair McLaughlin	Ron Dorscht
Public	David Trowbridge	Ildiko Horvath
Public	Patt Marquis	Kathie Brosemer
Algoma Public Health	Kara Flannigan	Jonathon Bouma
Chippewa County Health Depart.	Dave Martin	Christine Daley
Batchewana First Nations	Dan Sayers Jr.	
City of Sault Ste. Marie	Don Elliott	Catherine Taddo
United Steel Workers Local 2251	Bill MacLean	Bill Denny
St. Mary's River RAP Coordinator	Lisa Derickx	