

**Notes of Meeting #15 – Essar Steel Algoma Inc.
Community Liaison Committee**



Date: April 30th 2015

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

Time: Noon to 2:30pm

CLC Members in Attendance

Fred Post - Essar Steel Algoma Inc.
Dave Clingen – Essar Steel Algoma Inc.
Blair McLaughlin - Ontario Ministry of Environment
David Trowbridge - Public
Patt Marquis – Public
Sherri Cleaves – Algoma Public Health
Kara Flannigan – Algoma Public Health (alternate)
Corrina Barrett - St. Mary’s River RAP Coordinator
Dave Martin – Chippewa County Health Department

CLC Members not in Attendance

Dan Sayers Jr. - Batchewana First Nations
Don Elliot – Corporation of the City of Sault Ste. Marie
Bill Denny – United Steelworkers Local 2251

Meeting Notes

1. Review of Meeting #14 Notes

The notes for CLC Meeting #14 held on Oct 21st, 2014 were tabled and accepted by all in attendance.

2. Membership issues

Corrina Barrett had previously proposed an alternate (Carrie Ginou) and all in attendance agreed to her membership on the committee. However, both Corrina and Carrie will be unavailable for a period of time going forward and will be providing the group with an alternate to represent the RAP.

3. Status Report: Noise Abatement

Early in 2014 the MOE accepted a plan to reduce noise emissions from 10 sources throughout the facility. In accordance with the plan an acoustic silencer was installed on a steam exhaust in the By-Products Plant reducing noise levels from 125 dBA to 81 dBA at the source. Also in accordance with the plan two new mufflers were installed on the blast furnace stove blow-offs reducing noise levels from 137 dBA to 77 dBA at the source.

Plans for 2015 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.

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

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

- i) Landfill Amendment – In progress with the MOE
- ii) New Cokemaking Battery – In progress with the MOE. Anticipate approval by end of 2015.

Kara Flannigan inquired into the amendments being made to the landfill ECA. Blair McLaughlin explained that the changes were to ensure all activities ongoing at the site should be covered under the scope of the ECA. He had previously requested that sludge solidification and acid neutralization be documented in the ECA as a regulatory tool to control those processes.

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.

5. 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.

6. Port of Algoma

Preliminary funding has been approved for initiating the development of a deep water port. Activities on site will remain the same (storage, shipping and receiving of raw materials, products and by-products). Environmental liabilities and compliance obligations for the site remain the responsibility of Essar Steel Algoma. This development offers immense economic development opportunities for Sault Ste. Marie and Northern Ontario.

The Port of Algoma will abide by the Canadian Environmental Assessment Act and the Ontario Environmental Assessment Act. Public and First Nations consultations are integral components of these assessments. Currently market, traffic and environmental studies are under way and formal consultations are planned to commence once the project has been clearly defined.

7. Site Specific Standard for particulate

Fred re-capped the status of the Site Specific Standard for particulate that was requested last year. 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 begins on July 2nd 2015.

The MOE had established a public consultation group for the purpose of sharing information during the development of the standard. Public representatives from each of the steel company community liaison committees have participated in this process. David Trowbridge and Patt Marquis are members of this group. Consultation group meetings have been held: October 2, 2012; May 29, 2013; December 3, 2013; September 30, 2014; January 12, 2015; March 2, 2015, March 31, 2015 and April 7, 2015.

Key components:

- MOE has drafted a Site Specific Standard that reflects US EPA requirements
- New standards considered to be the “best available control”
- Five year phase in period to meet the required control measures which are specific to each facility
- Implementation beginning July 2015
- All integrated steel manufacturers face the same standard

A detailed explanation of how the standard is intended to reduce emissions was provided. The details discussed included requirements for:

- limits on fugitive emissions
- emission monitoring
- procedures
- training
- corrective actions
- public and government reporting

Details of the site specific standard are included in the meeting presentation which will be posted on Essar’s public website.

Kara Flannigan asked if coke could be purchased from other countries without pollution controls. Dave Clingen explained that this is the case and Essar does purchase coke from other countries.

8. Greenhouse Gasses – Cap and Trade

David Trowbridge inquired about the status of the greenhouse gas regulatory developments and Essar plans to reduce GHG’s. Fred explained that consultation on the cap and trade system is just now being organized by the province. 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 is active and ongoing. At this point in time the federal government is aiming for sector wide emission intensity targets based on a three sector average intensities for each process. 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.

9. Public Open House

The last Public Open House that was held on June 24th, 2014 at the new Library at the Goulais Avenue Community Centre. Essar intends to hold the next open house on June 24th 2015 in the same location. The focus will be on the Cokemaking Site Specific Standard.

10. Next Meeting

Fred stated that a date for the next meeting would be proposed for sometime in the fall near the end of September or early October. The members would be canvassed at a later time for suggested dates.

The meeting closed at 2:30 PM, April 30th, 2015.

*Meeting notes prepared by Fred Post.
May 1st, 2015*

Current Members and Alternates

Representation	Primary Member	Alternate
Essar Steel Algoma Inc.	Fred Post	Dave Clingen
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Ontario Ministry of Environment	Blair McLaughlin	Ron Dorscht
Public	David Trowbridge	Ildiko Horvath
Public	Patt Marquis	Kathie Brosemer
Algoma Public Health	Sherri Cleaves	Kara Flannigan
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	Corrina Barrett	Carrie Ginou