



Notes of Meeting #12 – Essar Steel Algoma Inc. Community Liaison Committee

Date: September 19th 2013

Location: Essar Steel Algoma Inc.
Administration Building
Executive Board Room

Time: Noon to 1:30pm

CLC Members in Attendance

Jerry Suurna - Essar Steel Algoma Inc.
Fred Post - Essar Steel Algoma Inc.
Blair McLaughlin - Ontario Ministry of Environment
Ron Dorscht - Ontario Ministry of Environment (alternate)
Catherine Taddo – City of Sault Ste. Marie (alternante)
David Trowbridge - Public
Patt Marquis – Public
Corrina Barrett - St. Mary's River RAP Coordinator
Bill Denny – USW Local 2251 (alternate)

CLC Members not in Attendance

Sherri Cleaves – Algoma Public Health
Dan Sayers Jr. - Batchewana First Nations
Bill MacLean – United Steelworkers Local 2251
Dave Martin - Chippewa County Health Department
Don Elliot – City of Sault Ste. Marie

Meeting Notes

1. Review of Meeting #11 Minutes

The notes for Meeting #11 held on April 3rd, 2013 were tabled and accepted by all in attendance.

2. Status Report: Dekishing Emission Control

Upgrades to the existing dekishing emission capture system completed in December 2012, including hood extensions on the East, West and South sides and the installation of larger diameter ductwork. This will leave only the west dekishing station as the last remaining uncontrolled point source of particulate which Essar has committed to control with a similar emissions capture system by the end of 2013.

David Trowbridge asked why this source has not previously been controlled. Jerry Suurna answered by explaining that previous investments have focused on controlling larger emission sources which were higher up on the priority list in terms of significance.

3. COMS – Continuous Opacity Monitoring Systems

COMS units were installed on #7, #8 and #9 coke stacks by July 31st 2013. This provides 24/7 stack opacity monitoring which is being used as a maintenance tool for operations to make repairs to specific ovens.

David Trowbridge asked what happens if there is an exceedance. Blair McLaughlin responded by explaining the tools which the MOE has to address these scenarios and how the local office's approach is to work directly with the company to focus its time and resources on reducing the emissions from these sources.

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

Jerry Suurna stated that there have been no changes in the status of applications for approval. Currently three applications have been submitted and one is planned for submission as follows:

- i) Benzene Emission Control System (submitted)
- ii) Landfill Amendment (submitted)
- iii) Noise Abatement Action Plan – Two primary noise sources will be addressed this calendar year. Cokemaking and #2 BOSP hoods. (submitted)
- iv) New Cokemaking Battery (not submitted yet).

David Trowbridge asked how comparable the emission rates are between different cokemaking technologies (non-recovery versus recovery batteries). Jerry explained that they would have similar performances overall. Other jurisdictions have accepted both new-recovery and non-recovery type battery designs and both would require the installation of best available control technology.

David Trowbridge asked if Essar could notify the CLC if applications are on the EBR. Essar agreed to make this notification.

5. Technical Standard for Cokemaking

Jerry Suurna explained that the Technical Standard / Site Specific Standard process was still under development. The MOE has 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 been invited to participate. David Trowbridge and Patt Marquis are members of this group. The first meeting with the consultation group was held on October 2, 2012 with second meeting held on May 29, 2013.

Key issues for compliance:

- MOE is drafting a Technical Standard that reflects US EPA requirements
- Consideration of Site Specific Standard to phase in the required control measures specific to each facility
- To be ready for July 2016

6. Site Specific Standard for Particulate

Essar Algoma will be submitting a request for a site specific standard for particulate (<44 micron). This request is based on long standing discussions between ESAI and MOE regarding air modeling results. ESAI has agreed to submit an application by end of October. The focus of

the action plan will be on reducing particulate emissions from the cokemaking operations. These actions will align with future action plans to address the Site Specific Standard for Benzo-a-pyrene in 2016. A public meeting is being planned for October 16, 2013.

David Trowbridge asked why PM10 and PM2.5 are not specifically measured. Blair McLaughlin explained that there are not currently individual limits for PM10 and PM2.5, but instead the MOE limits include the PM10 and PM2.5 size fractions within PM<44. The regulatory limit for particulate excludes PM greater than 44 microns in size because theoretically particulate larger than 44 microns is heavy and would fall out of suspension prior to reaching the property boundary.

7. Public Open House

Jerry Suurna provided an overview of the Public Open House that was held on June 5, 2013. It was agreed that hosting the event in the west end of town was preferred. David Trowbridge suggested that Essar post signage on the roadside in advance of the meeting. Jerry Suurna agreed.

8. Health Canada Study

David Trowbridge notified the CLC that a second paper regarding cardiovascular results of the study have been published in the International Journal of Hygiene and Environmental Health. The full article was provided shortly after the meeting and can be viewed at the following link: <http://www.sciencedirect.com/science/article/pii/S143846391300093X>

9. Membership

Corrina Barrett mentioned that she does not have a local alternate at this time.

10. Next Meeting

Jerry Suurna stated that a date would be proposed for sometime in the late fall and a tour of the operations would be organized next spring. The members would be canvassed at a later time for suggested dates.

The meeting closed at 1:30 PM, September 19, 2013

*Meeting notes prepared by Fred Post.
September 19th, 2013*

Current Members and Alternates

Representation	Primary Member	Alternate
Essar Steel Algoma Inc.	Jerry Suurna	Fred Post
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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	Sherry 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	