



Notes of Meeting #11 – Essar Steel Algoma Inc. Community Liaison Committee

Date: April 3rd 2013

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

Time: Noon to 2:00pm

CLC Members in Attendance

Jerry Suurna - Essar Steel Algoma Inc.
Fred Post - Essar Steel Algoma Inc.
Blair McLaughlin - Ontario Ministry of Environment
Don Elliott – City of Sault Ste. Marie
David Trowbridge - Public
Dave Martin - Chippewa County Health Department
Kara Flannigan – Algoma Public Health (alternate)
Corrina Barrett - St. Mary's River RAP Coordinator

CLC Members not in Attendance

Sherri Cleaves – Algoma Public Health
Dan Sayers Jr. - Batchewana First Nations
Bill MacLean – United Steelworkers Local 2251
Patt Marquis – Public

Meeting Notes

1. Review of Meeting #10 Notes

The notes for Meeting #10 held on November 14th, 2012 were tabled and accepted by all in attendance.

2. Review of ESAI #6 Blast Furnace Baghouse Certificate of Approval issued March 31, 2010, including:

i. Status Report: Door/Jamb Cleaners for #7 Battery.

Jerry Suurna indicated that the new door machine and pusher machine have been operational and in use since fall of 2012.

Dave Martin asked - How successful have the door and jamb cleaners been? Jerry Suurna commented on some challenges that were experienced such as traction, door spotting and training of personnel on the operation of this new equipment however the project has been

successful. Jerry also explained the net benefit of automated door and jamb cleaning will be a reduction in door leaks due to better door seals and there will be less charging emissions.

David Trowbridge asked if an estimate of emissions reductions could be provided. Jerry explained that there is potential for up to a 40% reduction in door leaks resulting from this equipment which has not yet been realized. Fred Post and Blair McLaughlin explained how emissions are calculated based on visual opacity observations from a number of different sources and that each source has a different weighting in the total calculation.

3. 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 in 2013.

Kara Flannigan asked how the baghouse is cleaned. Jerry explained that a pulse jet cleaning system blasts compressed air into the bags to shake out the dust, which is then dumped into a bin. David Trowbridge asked what is the dust composed of and what is done with it? Jerry explained that it is iron oxides and some graphite which is currently sent to landfill.

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

- i) Jerry Suurna stated that currently there are two applications before the MOE for approval. A new application for an Environmental Compliance Approval (ECA) was submitted for Essar's existing Benzene Emissions Control system. This application is being submitted in response to a request by the MOE on the basis that it is emissions control equipment and it should have a permit to operate it for inspection and documentation purposes. Jerry explained that the installation of this equipment began in 1998 and has continued to date with some additional control points being captured by 2015.
- ii) Essar also has submitted an ECA application for an amendment to its existing landfill ECA to include a lime lined emergency acid neutralization pit and two lime lined mixing pits. Fred Post explained that these have been part of the landfill operations for a number of years and the MOE has simply requested that they be included in the site permit.
- iii) Essar will be submitting an amendment application to an ECA proposing a new plan for noise reduction from the facility.
- iv) A new ECA application is being prepared for a new coke oven battery. No commitments have been made but Essar is being proactive in its application to ensure transparency with the MOE.

5. Technical Standard for Cokemaking

Jerry Suurna explained that the Technical Standard / Site Specific Standard process was still under development.

David Trowbridge asked if IOPC would become a new standard requirement for cokemaking. Jerry commented that the current process is not prescribing specific equipment but instead sets out emissions limits which must be achieved.

Jerry Suurna stated that the MOE is planning a second Community Consultation meeting to be held in April or May. This will include community representatives from Sault Ste. Marie, Hamilton and Nanticoke areas. This meeting will provide an update as to the development of control strategies to address emissions from Ontario's cokemaking operations.

6. Health Canada Study

Jerry Suurna explained that the first results of the study have been published in Environment International. David Trowbridge commented that this study represents a 'before' snapshot and since this study was conducted numerous emissions control investments have been undertaken by Essar including IOPC and door and jamb cleaning. This subject would be maintained on the agenda until more results are released. David Trowbridge said that data analysis is still ongoing and there has been no word on the progress with the rest of the study.

7. Public Open House

Jerry Suurna explained that Essar will be hosting a public open house this spring in the Bayview area. David Trowbridge suggested that Essar include information on the Health Canada study and an explanation of what has been done. Kara Flannigan and Dave Martin agreed and suggested something visual be provided to explain the progress Essar has made on controlling its emissions.

8. Membership

Corrina Barrett mentioned that Paula Antunes has moved on and is no longer her alternate for the CLC. Corrina will advise the committee when a new alternate is established.

Jerry Suurna explained that Bill MacLean and Bill Denny were unable to attend this meeting.

9. ISO 14001 Re-registration

Jerry commented on Essar's success in achieving a re-registration of its ISO 14001 accreditation. ISO 14001 gives management a structured approach to determining our environmental issues, understanding our legal requirements and developing programs and setting priorities to improve our environmental performance.

10. Next Meeting

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

The meeting closed at 2:00 PM, April 3rd, 2013

*Meeting notes prepared by Fred Post.
April 8th, 2012*

Current Members and Alternates

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