



Notes of Meeting #2 – Essar Steel Algoma Inc. Community Liaison Committee

Date: November 12, 2009

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

Time: Noon – 2:15pm Meeting
2:30 – 3:30pm Driving tour of site

CLC Members in Attendance

Jerry Suurna – Essar Steel Algoma Inc.
Jerry Freiman – Essar Steel Algoma Inc.
Bruce Cave – Ontario Ministry of Environment
Don Elliott – Corporation of the City of Sault Ste. Marie
David Trowbridge – Community/Academia
Kara Flannigan – Alternate for Sherri Cleaves, Algoma Public Health
Steve Johnson – Alternate for Ron Koprash, United Steelworkers Local 2251
Dave Martin – Chippewa County Health Department

CLC Members not in Attendance

Dan Sayers – Batchewana First Nations

Meeting Notes:

1. Review of Meeting #1 Notes

The notes prepared for Meeting #1 held on May 27, 2009 were accepted by the group in attendance.

2. Information Sharing

In the May 27, 2009 meeting, there were a number of suggestions on how to improve the sharing of information to the public. J. Suurna provided an update on the progress made to date on each of the following items suggested for improvement.

Hit counter for the ESAI Environment Website

The current website and internet provider used by ESAI does not support the functionality of a 'hit counter'. This function will be kept as an improvement opportunity to be implemented with upgrades to ESAI's systems.

Include Historical Data for TRS and PM10

Currently the online data for TRS and PM10 displays the most current data. ESAI will expand the data set to maintain the previous 24 hours data. This will provide an opportunity to determine recent trending of the conditions at the monitoring stations. It is expected that this data set would be available before the end of 2009.

A request was made to further increase the data set available on the website. J. Suurna stated that this would be taken into consideration as the website is managed going forward.

Access to Historical Public Concerns

The company website has been maintaining a list of public concerns that are tabled with the company within the month. Per the request of the CLC the company will expand the history of public concerns for up to 6 months.

Access to Historical Environmental Incidents

The company website has been maintaining a list of environmental incidents that occur within the current month. Per the request of the CLC the company will expand the history of environmental incidents for a period of 3 months.

Additional Air Quality Monitoring Data Access

A request was made to the company to consider including additional air quality monitoring data on the company website. Of particular concern was having access to data associated with benzene and PAH monitoring results. The company will consider this request and take measures to include additional air quality data to the website for public access.

3. Recent Media Reports of Elevated PM10 (August 31-September 9)

Mr. Trowbridge had requested that a review of the PM10 data during this period be discussed at the CLC. During the above period, there were 6 episodes of elevated PM10 levels ranging from 1 hour to 6 hours in duration. Although the 24 hour guideline for PM10 was never exceeded during any of these periods, the concern was that when there are periods of elevated particulate levels, how can the public be made aware in real time. Various suggestions on how to communicate real time episodes of elevated PM10 were discussed and the company agreed to review opportunities available to communicate such incidents in an effective, real time manner.

4. ESAI compliance with Certificate of Approval #2182-7H2GVG issued August 12, 2008.

A copy of schedule A from Certificate of Approval was distributed and Jerry Suurna reported on the status of each of the conditions within the certificate. To date, all conditions within the certificate have been fulfilled with the following exceptions.

#6 Blast Furnace Emission Control Baghouse

The requirement in the certificate was to have the baghouse in place by December 31, 2009. J. Suurna described the circumstances surrounding the companies request to the Ministry of Environment to defer the installation of the baghouse for a period of 10 months after restarting the blast furnace. This blast furnace was operated from August to October of 2008 and was shut down due to financial conditions. At the time of shutting down the blast furnace it was unknown when the blast furnace would be restarted.

J. Suurna stated that the company is now making preparations to #6 Blast Furnace that would allow for the restart of the furnace with minimal lead time. In parallel with this activity the company has restarted the project for the baghouse. It is anticipated that completion of this baghouse will require 10 months. In the interim, if the blast furnace was to restart, emission control measures would be in place to minimize emissions from this source. These interim measures include the use of a portable baghouse and flame suppression. During the operation of this blast furnace in 2008, the emissions were well controlled using these interim measures.

#2 Ladle Metallurgical Furnace Baghouse

The requirement in the certificate was to have a baghouse constructed and operational by December 31, 2009 which was the forecasted date for the commissioning of this ladle metallurgical furnace. Due to the market decline, this project was deferred. The company has committed to having a baghouse in place prior to commissioning this facility.

#9 Collector Main Replacement with Individual Oven Pressure Control

The requirement in the certificate was to install individual oven pressure control technology with the replacement of the collector main for #9 Coke Oven Battery by December 31, 2009. The company had intended to fulfill this requirement and had explored this with the vendors of this technology. It became apparent that retrofitting #9 battery with this technology was not possible without re-engineering and redesign by the vendors. J. Suurna explained that this activity is still ongoing between ESAI and the vendors. In the meantime, the company will be conducting a Technology Benchmarking Study to determine what emission control technologies are available to address the emissions of benzene and benzo-a-pyrene. This study is currently underway and a report to the Ministry of Environment is due December 1, 2009.

Installation of Door & Jamb Cleaners on #7 Battery

The requirement in the certificate was to install door and jamb cleaners on #7 Battery by December 31, 2009. The company had been making preparations to complete this project as required by the certificate of approval. During the past year, concerns regarding emissions from coking operations required that the company review the long term opportunities for managing Cokemaking emissions. To this end, the company is looking at the potential of replacing aging equipment (#7 battery) with new state of the art equipment. The company has requested that this project to install door and jamb cleaners on #7 battery be deferred pending discussions with the Ministry of Environment on alternatives. Important to this process is the outcome of the Technology Benchmarking Study that is currently underway. The outcome from this study, along with additional monitoring and modeling being conducted by the company, will lead to a Cokemaking emissions reduction strategy to be approved by the Ministry of Environment.

The company had submitted an application to the Ministry of Environment to amend the existing Certificate of Approval to consider deferral of the Cokemaking #9 Individual Oven Pressure Control, Installation of Door & Jamb Cleaners for #7 Battery and a 10 month post startup window for the installation of a baghouse for #6 Blast Furnace. The basis of the application is described above.

The items within Schedule A of the Certificate of Approval that were completed include:

- installation of baghouse for #7 Blast Furnace
- installation of a portable baghouse at the Dekish as a trial to capture emissions from this source
- upgrade to the Lime Plant baghouse to improve capture efficiency
- upgrade to the Steelmaking Hot Metal Transfer baghouse to improve capture efficiency
- submission of a report to the Ministry of Environment regarding the effectiveness of reducing fugitive emissions from the coal pile as a result of constructing a wind berm and use of MOE approved dust suppressant for application on coal pile sides and roadways
- site paving of the following areas
 - o Administration Building Parking Lot
 - o #2 Gate Parking Lot
 - o Stores Parking Lot
 - o Goulais Avenue entrance to #4 Gate
 - o Internal Roadway Between Slabcast and Plate & Strip (Sections O2, O3, O4, O5)
 - o Internal Roadway Along South Side of Cokemaking (Sections D7, D8, D9)
 - o Welded Shapes and Profiles Parking Lot and Entrance

5. Current and Planned Certificate of Approval Submissions

J. Suurna tabled the current applications that have been submitted to the Ministry of Environment. These include:

- Application to amend the #6 Blast Furnace CofA issued August 12, 2008
- Application for the new and permanent #6 Blast Furnace baghouse
- Application for the existing Plate & Strip reheat furnaces per Ministry request

J. Suurna tabled the following applications that are expected to be submitted to the Ministry of Environment.

- Application for the new baghouse to service #2 Ladle Metallurgical Furnace
- Associated with the new baghouse for the #2 Ladle Metallurgical Furnace, changes are anticipated that will require an amendment to existing certificates for the Secondary Emission Control Baghouse and/or the CAS-OB Baghouse. It is expected that the amendments would reflect an improvement in emissions capture for the #1 Ladle Metallurgical Furnace and Steelmaking emissions.
- Pending the development of alternatives for managing Cokemaking emissions, applications for certificates of approval will be required.
- Pending the outcome of the trial underway for capture of Dekish emissions an application for this source may be required.

J. Suurna shared with the committee the process that the company is involved with in regards to Alternate Standards for benzene and benzo-a-pyrene. The company will be required to develop an emissions reduction strategy for these contaminants based on the outcome from the Technology Benchmarking Study and the Monitoring/Modeling exercise that is currently underway.

6. Committee Membership

The committee was advised the Mr. Korab (public representative) had contacted the company to resign from the committee. It was agreed that the company would advertise for a replacement for this position on the committee. An advertisement will be placed in the Sault Star, on the company website and will be highlighted at the upcoming Environmental Open House scheduled for November 23, 2009.

The committee discussed alternates for members and agreed that each alternates would be selected by the permanent member that the alternate is replacing. It was agreed that alternates should be consistent and not changing from meeting to meeting.

7. Public Open House

The company is hosting a public open house on November 23, 2009 at the Great Northern Resort and Conference Center, from 4:00pm to 8:00pm. Advertisements will be placed in the Sault Star and on the company website. A public service announcement will be provided.

CLC members were invited to attend the open house and agreed that their attendance would be beneficial.

8. Driving Tour

A tour of the facilities was planned for this date. Due to the extended discussions during the meeting a drive around was completed. A more detailed tour of areas will be scheduled for upcoming meetings.

Notes prepared by Jerry Suurna and reviewed by CLC members.