



Notes of Meeting #27 – Algoma Steel Community Liaison Committee

Date: December 4th, 2018

Location: Algoma Steel
Administration Building
Board Room

Time: Noon to 2:00pm

CLC Members in Attendance

Fred Post – Algoma Steel
Chris Galizia – Algoma Steel
Kara Flannigan – Algoma Public Health
Ron Dorscht – Ministry of Environment, Conservation and Parks (MECP)
Lori Greco - Ministry of Environment, Conservation and Parks (MECP)
Lisa Derickx – St. Mary’s River RAP Coordinator
Trevor Quinlan – Chippewa County Health Department
David Trowbridge - Public
Peter McLarty – Public

CLC Members not in Attendance

Reg Dunn – United Steelworkers Local 2251
Catherine Taddo – Corporation of the City of Sault Ste. Marie
Jonathon Bouma - Algoma Public Health (alternate)
Dan Sayers Jr. – Batchewana First Nations
Kathie Brosemer – Sault Ste. Marie Tribe of Chippewa Indians
Patt Marquis – Public
Maggie McAuley – Corporation of the City of Sault Ste. Marie

Meeting Notes

1. Review of the Agenda

There were no new items proposed to be added to the agenda.

2. Review of Meeting #26 Notes

It was agreed that the notes for CLC Meeting #26 held on September 11, 2018 would be provided and posted on the company website.

3. Membership issues

A re-cap of current membership was provided.

David Trowbridge’s new alternate Peter McLarty was introduced to the membership. It was discussed and accepted that all alternate members were welcome to attend meetings even if their primary was present. This will help keep up to date with ongoing events.

Fred has reached out to Batchewana First Nations and Garden River First Nations to inquire if there was interest in participating in the CLC. No reply has been received to date.

Trevor Quinlan of Chippewa County Health Department indicated that he will no longer be a member and a new representative will be appointed in January.

4. Site Specific Standard (SSS) for particulate and BaP

Chris re-capped the status of the Site Specific Standard for particulate that was issued in March 2015. This approval was based on an emissions model that predicted potential for emissions over the Reg. 419 limit. The regulation has an alternate compliance mechanism in which the MECP and the company agree to a plan to reduce emissions over a period of time. Algoma worked with the MECP 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 with a progressive phase in of more strict limits over time.

On July 2nd 2015, Algoma began to monitor coke oven emissions in accordance with the site specific standard. New limits came into force on January 1st 2016 and again on January 1st 2017. A graphic representation of Algoma's performance was presented along with a summary of corrective actions and operational adjustments made to date. There has been a consistent improvement trend for all emission sources, highlighting the most recent reductions in door and standpipe emissions for which the company achieved full compliance with the new limits in August 2017 and has remained in compliance. The company is currently in compliance with all limits and is taking early action in preparing to achieve future limits ahead of schedule.

There were no public complaints received pertaining to matters addressed in the Site Specific Standards. However the following public complaints were received by the company:

- Sept 19th – Odour and particulate – nothing abnormal identified
- Sept 21st – Odour and particulate – nothing abnormal identified
- Nov 4th – Stack emissions

The MECP has begun talks with industry to determine what will be in place after the SSS expires in 2020. An air monitoring program for metals along Algoma's property boundaries has been approved by the MECP and commenced in the end of August. Data collected will be used to inform if or where future controls may be required.

5. Site Specific Standard for Benzene

An update was provided regarding the site specific standard for benzene. The approved standard requires continued addition to the Benzene Emission Control (BEC) system followed by on site monitoring. The company is proceeding with the installation of benzene emission controls as outlined in the site specific standard. Two controls were installed in 2017 and a third source was removed from service in spring 2018.

A ten week benzene air monitoring program commenced in July in the by-product area to look for potential benzene sources not currently controlled. Three sources were identified and corrective actions are either completed or planned.

6. Industry / Technical / Site Specific Standard

The MECP has commenced discussions with the iron and steel sector on new Industry / Technical / Site Specific Standards for multiple air contaminants that will replace the existing approvals when they expire. The potential contaminants could include Particulate, B(a)P, Benzene, SO₂, Stack Opacity, Metals (Iron, Nickel, Manganese and Chromium VI). The

process is expected to take 3-4 years to develop. The MECP conducted a site visit on May 8 and accepted the monitoring programs for benzene and metals which may be used to inform if/where future controls may be required. The Benzene Air Monitoring Program is complete and the Metals Air Monitoring Program which commenced in August is ongoing.

7. Boat Slip Sediment

As part of the ongoing efforts to de-list the St. Mary's River as an Area of Concern (AOC) under the Remedial Action Plan (RAP), Algoma conducted a re-assessment of the sediment quality in the boat slip in fall 2014. The boat slip was dredged twice (first in 1998 and second in 2006) and had not been re-assessed since prior to the last dredging. In 2014 Algoma combined efforts with Environment Canada, the MECP and the RAP to conduct a follow-up sediment assessment. The results indicated the continued existence of PAH contamination in the north end of the slip. The company worked with Environment Canada, the MECP and the RAP to ensure the dredging plan was aligned with all requirements.

Dredging was completed in late August and September 2017. All required protocols were followed and dredging was very successful at removing contaminated sediment. Due to time and space constraints, a small portion of the north-east corner of the slip was not able to be dredged.

A post dredging sediment assessment was conducted in May 2018 to evaluate the effectiveness of the program and to determine future steps that may be required. The results indicate contamination remains where previous dredging ended. Additionally, a thin layer of contamination remains where dredging was completed. This is believed to be residual from spillage during dredging. Further dredging is being planned for 2019.

8. Road Paving

As part of Algoma's plan to continually reduce particulate emissions from road dust, multiple areas were paved in summer 2018. A total of approximately \$1.25 million was spent to pave approximately 150,000 square feet of surface. This has reduced particulate impacts from road dust on the local community. The company intends to continue paving into 2019 and beyond.

9. Status Report: Noise Abatement

Early in 2014 the MECP accepted a plan to reduce noise emissions from 10 sources throughout the facility. Two of the ten were controlled in 2014.

In July 2018 the company installed acoustic enclosures around 3 fan motors on a cooling tower at a cost of \$120,000. The installation of 2 large fan motor enclosures at the steelmaking gas cleaning plant is currently underway at an estimated cost of \$1.076 million. An acoustic silencer at the #2 BOSP steam blow-off is being manufactured and scheduled for installation in spring 2019 at a cost of \$740,000.

A request was submitted to the MECP for a five year extension to control the remaining five noise sources by Dec. 31st 2023.

10. Current and planned activities that require Environmental Compliance Approval (ECA) application

Algoma submitted a request for an administrative ECA amendment for noise requesting a five year extension on the remaining five noise sources. The MECP approved this amendment with a new deadline of Dec. 31st 2023. The basis for the extension was the following:

- 6 control measures have been installed in past 6 years at a cost of \$2.86 million
- Progressive reduction in public noise complaints

- Constraints related to CCAA
- Focus on toxics related to Site Specific Standards
- Remaining controls estimated at \$2.4 million over 5 years

An application was also submitted to the MECP for a proposed surface and groundwater treatment facility detailed in previous meetings and open house. The application was posted on the EBR for 45 day public comment on Nov 9th.

11. Climate Change Regulations

The provincial cap and trade regulation has been revoked. The company will participate in any future GHG regulatory development when that occurs.

The federal government is developing a back stop, (Output Based Carbon Pricing System (OBPS)) regulation to align Canada's international climate change commitments across all provinces that do not have a carbon pricing system in place. Algoma is actively participating in consultations revolving around the development of the OBPS for the integrated iron and steel sector.

Algoma is continuing to pursue federal funding for one GHG reduction project through the Federal Low Carbon Economy Fund.

12. Public Open House

The last Public Open House was held on December 5th, 2017 from 3-7pm at the Polish Canadian Hall in Bayview. The next open house was scheduled on December 4th, 2018 from 4-7pm.

13. Next Meeting

The tentative 2019 CLC meeting schedule is as follows:

- March 5th, 2019
- June 4th, 2019

The meeting adjourned at 2:05 PM, December 4th, 2018.

*Meeting notes prepared by Chris Galizia
December 21st, 2018*

Current Members and Alternates

Representation	Primary Member	Alternate
Algoma Steel	Fred Post	Chris Galizia
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Ministry of Environment, Conservation and Parks		

	Lori Greco	Ron Dorscht
Public	David Trowbridge	Peter McLarty
Public	Patt Marquis	
SSM Tribe of Chippewa Indians	Kathie Brosemer	
Algoma Public Health	Kara Flannigan	Chris Spooney
Chippewa County Health Dept.	Trevor Quinlan	Suzanne Lieurance
Batchewana First Nations	Dan Sayers Jr.	
City of Sault Ste. Marie	Catherine Taddo	Maggie McAuley
United Steel Workers Local 2251	Reginald Dunn	
St. Mary's River RAP Coordinator	Lisa Derickx	