



## **Notes of Meeting #26 – Algoma Community Liaison Committee**

Date: Sept 11<sup>th</sup>, 2018

Location: Algoma  
Administration Building  
Board Room

Time: Noon to 2:00pm

### **CLC Members in Attendance**

Fred Post - Algoma

Chris Galizia – Algoma

Reg Dunn – United Steelworkers Local 2251

Kara Flannigan – Algoma Public Health

Ron Dorscht – Ministry of Environment, Conservation and Parks

Catherine Taddo – Corporation of the City of Sault Ste. Marie

Lisa Derickx – St. Mary's River RAP Coordinator

Trevor Quinlan – Chippewa County Health Department

David Trowbridge - Public

### **CLC Members not in Attendance**

Lori Greco - Ministry of Environment, Conservation and Parks

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 #25 Notes**

It was agreed that the notes for CLC Meeting #25 held on June 5, 2018 would be provided and posted on the company website.

#### **3. Membership issues**

A re-cap of current membership was provided.

Fred has reached out to Batchewana First Nations in the past and has verified their contact information. No reply has been received. It was suggested to reach out to Garden River First Nations to inquire if there was interest in participating in the CLC.

Kara Flanagan's new alternate is Chris Spooney.

David Trowbridge will be looking for a new alternate when he is unable to attend.

#### **4. Site Specific Standard 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 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 2<sup>nd</sup> 2015 with a progressive phase in of more strict limits over time.

On July 2<sup>nd</sup> 2015, Algoma began to monitor coke oven emissions in accordance with the site specific standard. New limits came into force on January 1<sup>st</sup> 2016 and again on January 1<sup>st</sup> 2017. A graphic representation of Algoma's performance was presented along with a summary of corrective actions and operational adjustment 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 leak 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:

- June 6 – Odour and particulate – temperature inversion observed (haze)
- July 20 – Road dust at welded beam – water truck dispatched
- August 25 – Odour – nothing abnormal identified

The MECP has begun talks with industry to determine what will be in place after the SPM 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 benzene air monitoring program commenced in July in the by-product area to look for potential benzene sources not currently controlled. Data collected will be used to inform if or where future controls may be required.

## **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, SO<sub>2</sub>, 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 or where future controls may be required. The Benzene air monitoring program commenced in July and the metals air monitoring program commenced in August.

## **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 company is currently awaiting the results from the consultant who conducted the sampling.

## **8. Port of Algoma**

As a result of the mediation between the relevant stakeholders to negotiate port arrangements for a reorganized Algoma following its emergence from the CCAA Proceedings, the Buyers and Port of Algoma stakeholders have reached an agreement in principle and are working toward inking the agreement.

## **9. MacLeod Mine Water Treatment**

The MacLeod Mine water treatment facility was commissioned in June 2018 and is operating as per design. The facility adjusts the pH of the mine water and removes suspended and dissolved solids and metals from the water prior to discharge to the environment.

## **10. 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 its paving plans into 2019 and beyond.

## **11. 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. Plans are underway for the fall of 2018 to install 2 fan motor enclosures at the steelmaking gas cleaning plant at an estimated cost of \$1.076 million and to install an acoustic silencer at the #2 BOSP steam blow-off at a cost of \$635,000.

## **12. Current and planned activities that require Environmental Compliance Approval application**

Algoma submitted an administrative ECA amendment application for noise requesting a six year extension on the remaining five noise sources. The request was based on the following:

- 6 control measures have been installed in past 6 years at 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.

## **13. Greenhouse Gasses – Cap and Trade**

The provincial cap and trade regulation has been revoked and with it all funding related to Algoma's GHG reduction projects. 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.

## **14. Public Open House**

The last Public Open House was held on December 5<sup>th</sup>, 2017 from 3-7pm at the Polish Canadian Hall in Bayview. The next open house will be scheduled in fall, 2018.

## **15. Next Meeting**

The tentative 2018 CLC meeting schedule is as follows:

- December 4<sup>th</sup>, 2018
- March 5<sup>th</sup>, 2019
- June 4<sup>th</sup>, 2019

The meeting adjourned at 2:10 PM, September 11<sup>th</sup>, 2018.

*Meeting notes prepared by Fred Post  
Sept 13<sup>th</sup>, 2018*

**Current Members and Alternates**

| <b>Representation</b>                           | <b>Primary Member</b> | <b>Alternate</b>  |
|---|-----------------------|-------------------|
| Algoma  | Fred Post             | Chris Galizia     |
| Algoma  | Chris Galizia         | Fred Post         |
| Ministry of Environment, Conservation and Parks |                       |                   |
|   | Lori Greco            | Ron Dorscht       |
| Public  | David Trowbridge      | Ildiko Horvath    |
| 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          |                   |