

St Marys Cement Community Relations Committee

Meeting Minutes

Tuesday March 8th, 2016

6:00 p.m. – St Marys Cement, Bowmanville Plant

Attendees: Amy Burke, *Senior Planner, Municipality of Clarington*
Jason Archer, *Quarry Supervisor, St Marys Cement*
Glenda Gies, *Port Darlington Community Association*
Ruben Plaza, *Environmental Manager, St Marys Cement*
Tanya Pardy, *Manager, People & Management, St Marys Cement*
Dave Veenstra, *Port Darlington Community Association*

Regrets: Jim Storey, *Operations Manager, St Marys Cement*
Rick Rossi, *Port Darlington Community Association*
Wilson Little, *Director Engineering, Lands & Environment, VCNA*

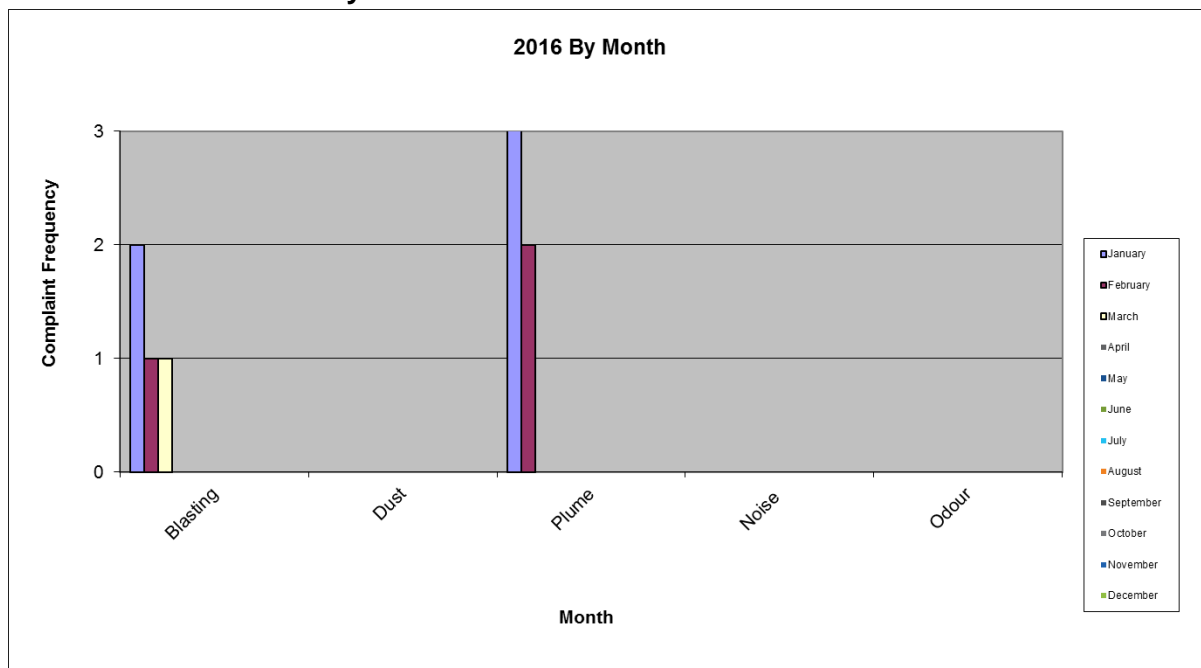
1. Agenda for March 8th, 2016CRC meeting adopted

- Adopted by Glenda Gies
- seconded by Amy Burke

2. Minutes from December 9th, 2015 meeting approved

- moved by Tanya Pardy
- seconded by Glenda Gies

3. Review of Community Concerns



a) Total of 12 complaints in 2016:

- 8 complaints regarding Plume
- 4 complaints regarding Blasting

- 1 additional concern communicated to Amy Burke from a resident who requested that the complaint not be included in the St. Marys complaints log. It has been recorded off-line with the residents information and the concern. Tanya followed up with the resident.
- b) St Marys Comments on Complaints
- The visibility of the plume increases during winter due to moisture condensation in cold weather. The plume appears more visible in the morning when the air is colder and the angle of sunlight is lower. St. Marys is testing options to reduce the visibility of the plume including changes in the cement making process.

4. Environmental Results

- a) The PM10 monitoring station and dust fall sampler locations were reviewed:



Sample Station	Location	Monitor
SMC1	OPG	PM 10 BAM ,Dust fall Jar
A	Hutton Transport	PM 10 Hi Vol, Dust Fall
B	Cedar Crest	PM 10 Hi Vol Dust Fall
C	Cedar Crest (MOE location)	Dust Fall Jar
SMC2	Cove Road	PM 10 BAM , Dust Fall Jar

- b) No exceedances from PM10 BAM or Hi Vol monitors or Dust Fall samplers were recorded since the previous meeting

c) Emissions

SO₂ emissions

➤ For 2015 were 4,096 tonnes; the total allowance for 2015 was 3,511 tonnes. Unused allowances from the plant in St. Marys Ontario will be applied to the Bowmanville plant to offset the exceedance in 2015 as allowed by the Ministry of Environment and Climate Change as both plants are in the same airshed.

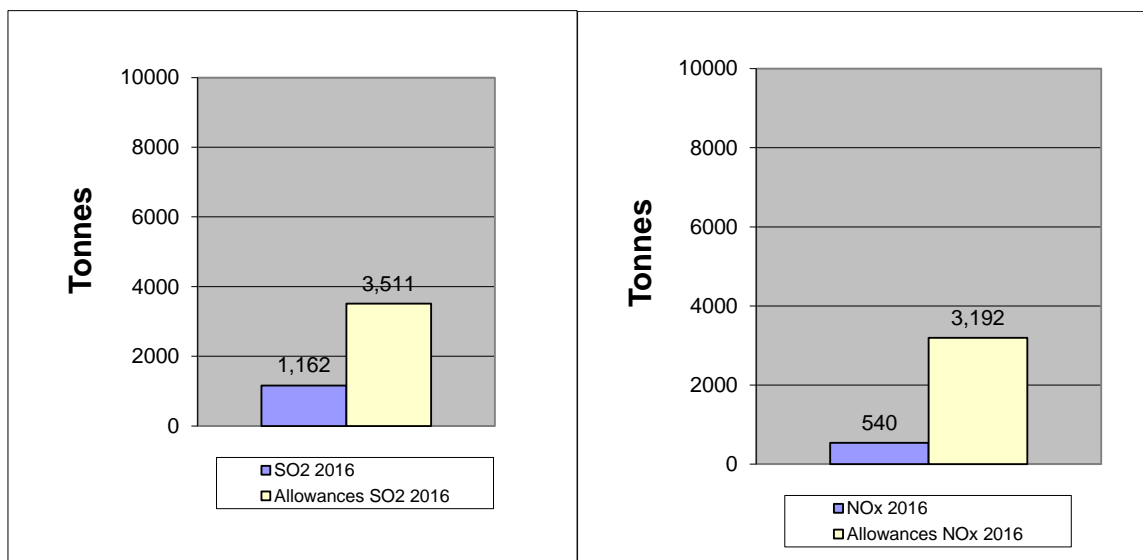
- For 2016 to February 29th are 1,162 tonnes; the total allowance for 2016 is 3,511 tonnes.

NO_x emissions

➤ for 2015 were 3,359 tonnes; the total allowance for 2015 is 3,192 tonnes. Unused allowances from 2014 will be applied to offset the exceedance in 2015.

- For 2016 to February 29th are 540 tonnes; the total allowance for 2016 is 3,192 tonnes.
- St Marys is striving to reduce emissions through investment in new processes and equipment. For example St Marys installed a “lime hydrator” which is a new technology introduced at the Bowmanville plant and it is working to improve the reliability of the lime hydration system.

Emissions to February 29th 2016



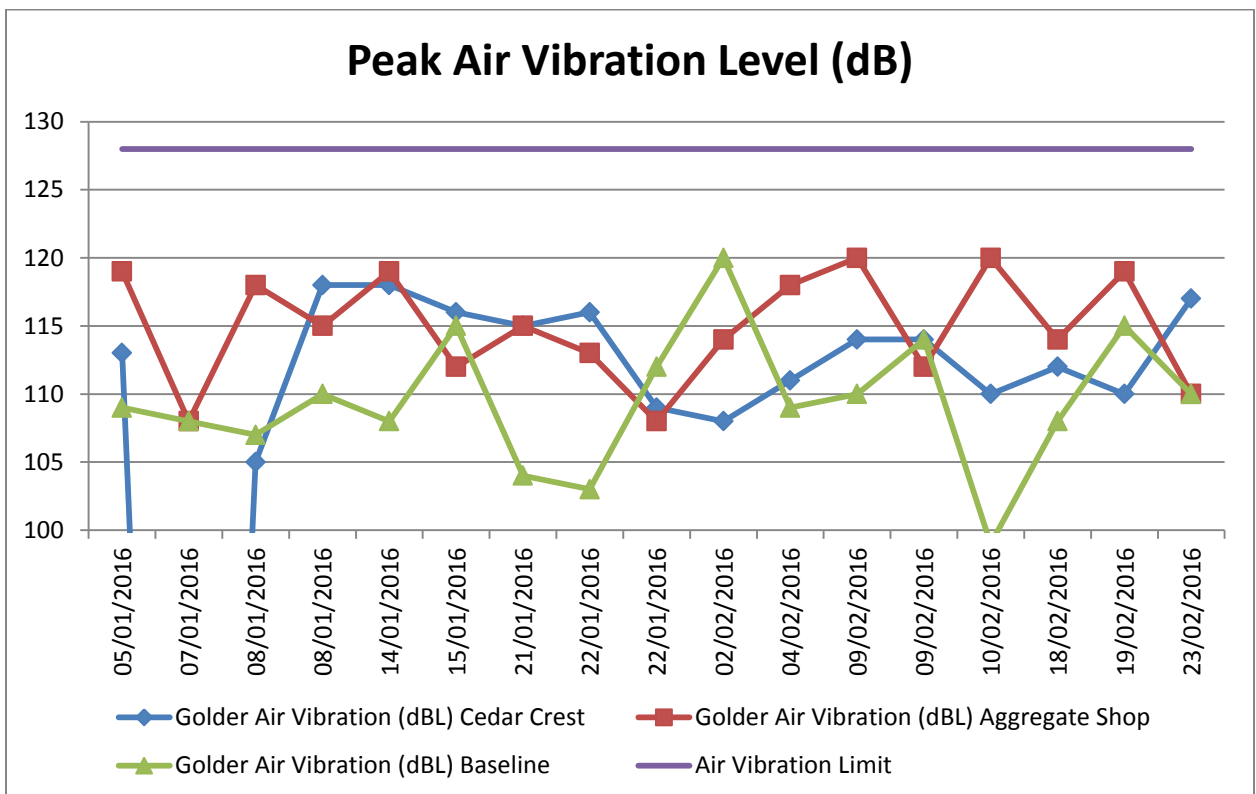
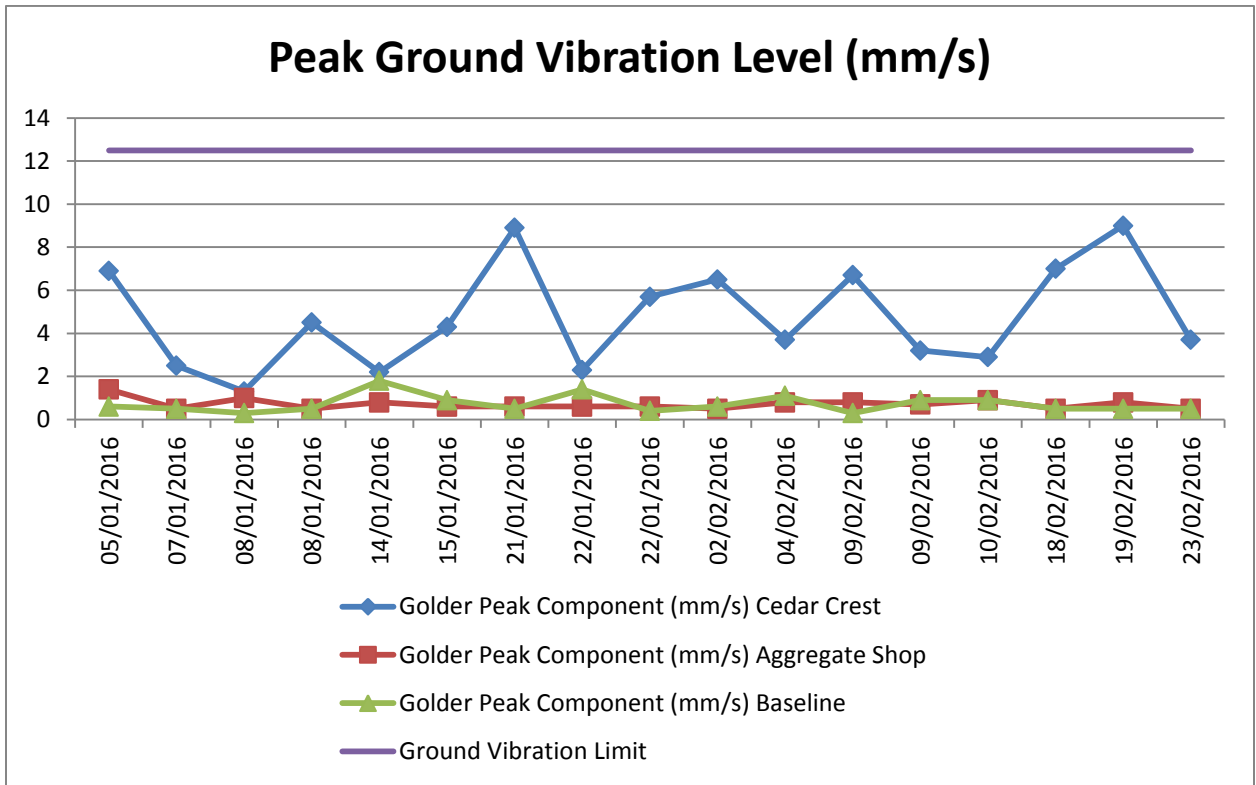
5. Dock Operations

- Controls in place to reduce dust generated from dock operations
 - Petcoke piles are covered in tarps and dust suppressant is applied on open faces
 - Coal piles are not covered in tarps due to the risk of self-ignition; instead, dust suppressant is applied on the piles – most piles are currently coal piles
 - Maximum height of fuel piles is 10m
 - Boat unloading operations stop when wind speeds exceed 40km/h and are in direction of concern

6. Quarry Operation

- Currently mining Levels 1, 2 and 5
- No vibration exceedances for 2015

- Peak Ground Vibrations were 9 vs. a maximum limit of 12
- Peak Air Vibrations were 121 vs. a maximum of 128
- Quarry Operations are working to reduce vibrations felt by residents.



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7. 2015 Annual Report to be Presented Council

- Present at Planning & Development Committee of Council meeting in May (tentatively May 16, 2016). Amy to confirm availability with Tanya and Ruben.

8. Alternative Low Carbon Fuels Pilot Project

- Ambient air monitoring and stack testing will occur during the trial of Low Carbon Fuels, which is tentatively scheduled for the second half of 2016.
- Results will be presented to the CRC.
- CRC members suggested that information about the project be re-communicated to the community as it's been a few years since the ECA public information sessions were held, and the community has seen quite a bit of growth over this time.

Ruben to follow up on the following for the next CRC meeting:

- Confirm the plastics source and allowable feed amounts;
- What the 100 tonne/day maximum wood allowance represents of total daily amount of feedstock used at the plant; and
- Clarification whether wood and plastics would be burned simultaneously during the trial.

9. Other Business

- St. Marys Cement working with 2 local schools on their outdoor classroom projects
- St. Marys Cement is replacing the fence from the gate at Cedar Crest Beach Road northward to Watson Drive area. Recently completed the replacement of fence from the gate southward to Lake Ontario
- Community newsletter undergoing corporate review. Potential release date not yet known.
- St. Marys Open House will not occur in 2016 due to on-going demolition activities related to Hutton Transport.

10. The mining project under the lake is with the Ministry of Natural Resources awaiting response to St. Marys submission...

11. 2016 CRC Meetings

- Next meeting June 7th, 2016