

# St Marys Cement Community Relations Committee

## Meeting Minutes

Tuesday September 6th, 2016

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

**Attendees:** Amy Burke, *Senior Planner, Municipality of Clarington*  
Andres Ortega, *People & Management Representative, St Marys Cement*  
Cherisse Diaram, *Quarry Supervisor, St Marys Cement*  
Chris Richards, *Environmental Manager, St Marys Cement*  
David Veenstra, *Port Darlington Community Association*  
Glenda Gies, *Port Darlington Community Association*  
Jim Grimley, *Wilmot Creek Homeowners Association*  
Jim Storey, *Operations Manager, St Marys Cement*  
Rick Rossi, *Port Darlington Community Association*  
Ruben Plaza, *Environmental Manager, St Marys Cement*  
Tanya Pardy, *Manager, People & Management, St Marys Cement*  
Willie Woo, *Municipality of Clarington Council*

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### 1. Agenda for September 7<sup>th</sup> CRC meeting adopted

- moved by Tanya Pardy
- seconded by Amy Burke

### 2. Minutes from June 7<sup>th</sup> meeting approved

- moved by Tanya Pardy
- seconded by Glenda Gies

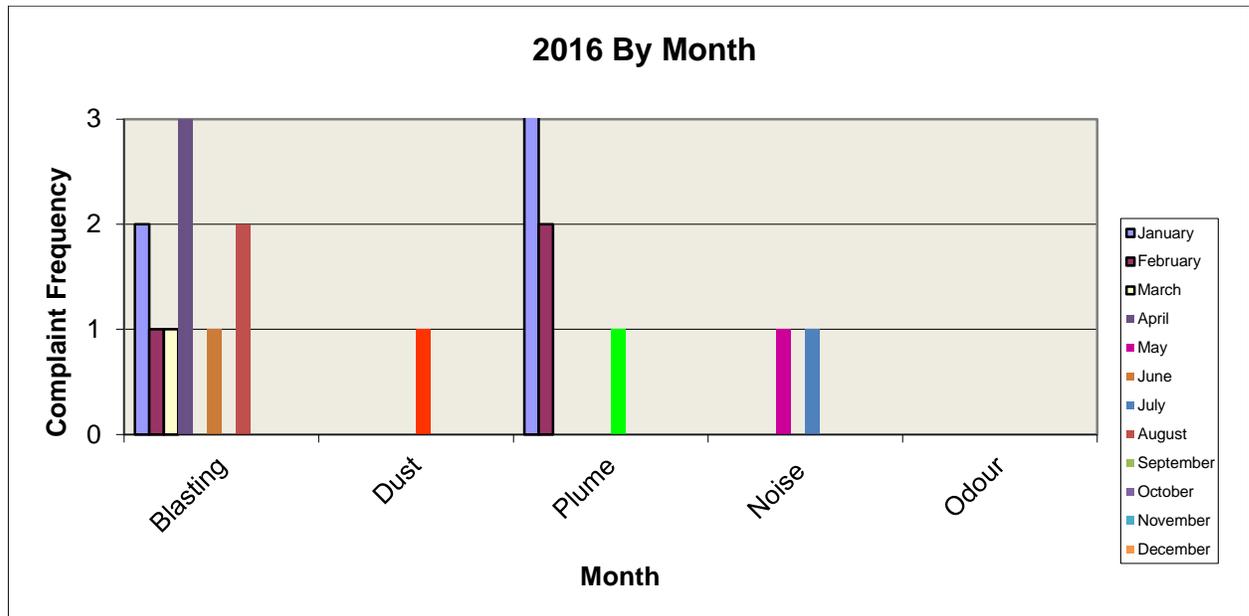
### 3. Introductions

- New member: Andres Ortega
- Covering for People & Management Representative who is on maternity leave

### 4. Outstanding Items

- TOR emailed to members

## 5. Review of Community Concerns



- In the 3<sup>rd</sup> quarter we have received 6 complaints. The total number of complaints for 2016 is 22.
  - 1 complaints for Plume
  - 1 complaints for Dust
  - 1 complaint for Noise
  - 3 complaints for Blasting
- St Marys Comments on Complaints
  - 1 blast complaint from resident of Bowmanville
    1. 6<sup>th</sup> complaint from resident, no other complaints from that street
    2. follow up visits from MOE and Golder Associates
    3. Consultant had set-up monitor at home for several blast in response to previous complaints
    4. Resident requested that monitoring cease but indicated that he expects to raise issues in the future
  - 1 blast complaint claiming damage to foundation/flickering lights
    1. Visit scheduled with Golder Associates
  - 1 blast complaint claiming damage to windows
    1. Visit scheduled with Golder Associates
  - 1 complaint due to plume visibility
    1. Higher visibility due to greater cooling water requirements during maintenance
  - 1 complaint related to backup alarms sounding around dock
    1. Investigated and identified that a new truck a contractor had purchased was equipped with original backup alarm
    2. This was replaced immediately with white noise “squawker” alarm

- 1 complaint related to mysterious white crystalline substance found on car
  1. Three week period
  2. No possible sources identified at plant

**6. Environmental Results**

a) The PM10 monitoring station and dust fall sampler locations were reviewed and are as follows:

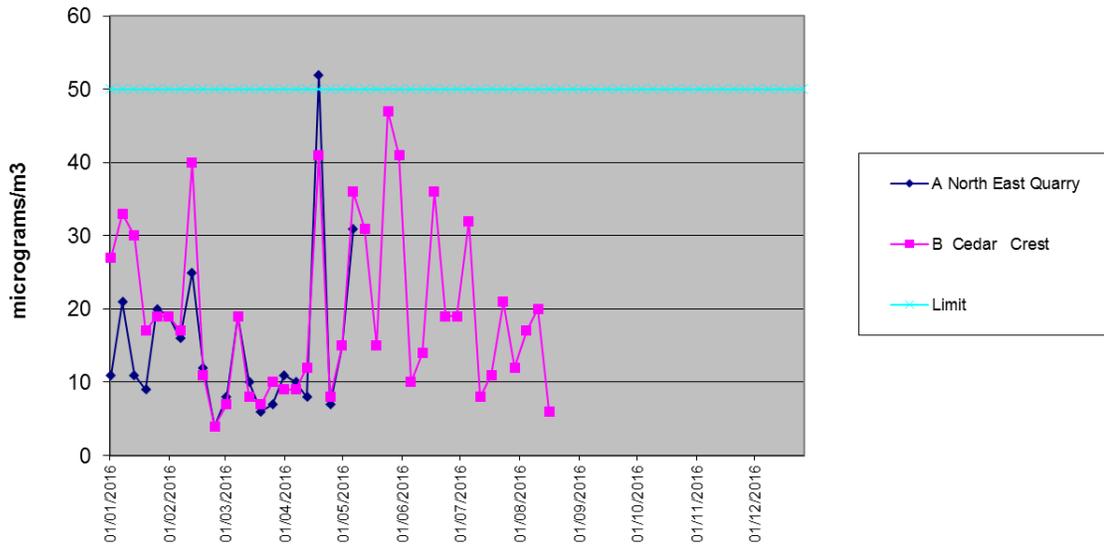


Sample Station	Location	Monitor
SMC1	OPG	PM 10 BAM ,Dust fall Jar
A	Hutton Transport	PM 10 Hi Vol, Dust Fall
B	Cedar Crest	PM 10 Hi Vol Dust Fall
C	Cedar Crest (MOE location)	Dust Fall Jar
SMC2	Cove Road	PM 10 BAM , Dust Fall Jar

b) No exceedances from PM10 or Dust Fall samplers or BAM monitors recorded since last meeting:

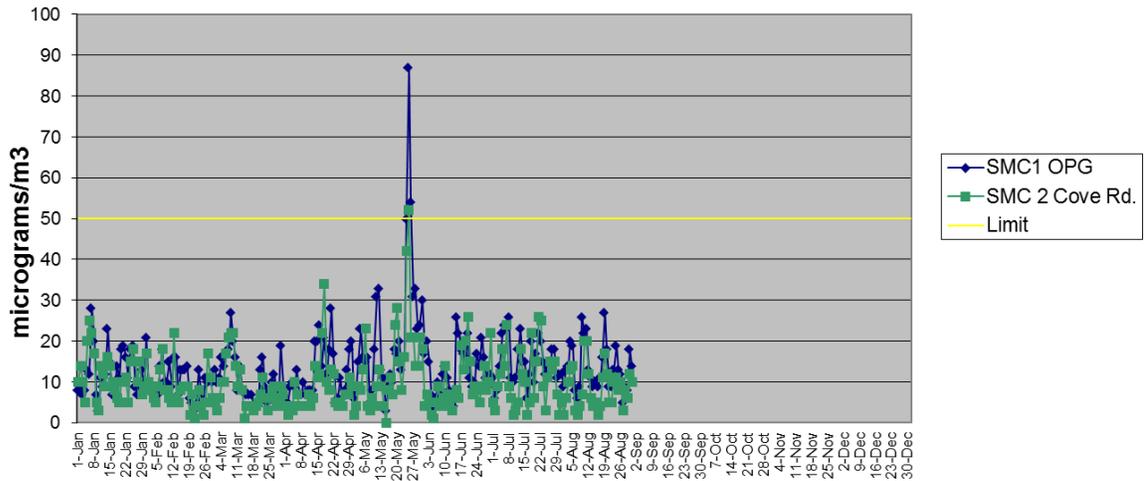
- Sampler Location A:
  - After consultation with the MOE, this location has been temporarily removed and will be replaced after berm construction and seeding has been completed, likely in the late fall of 2016.

## PM 10 Program 2016

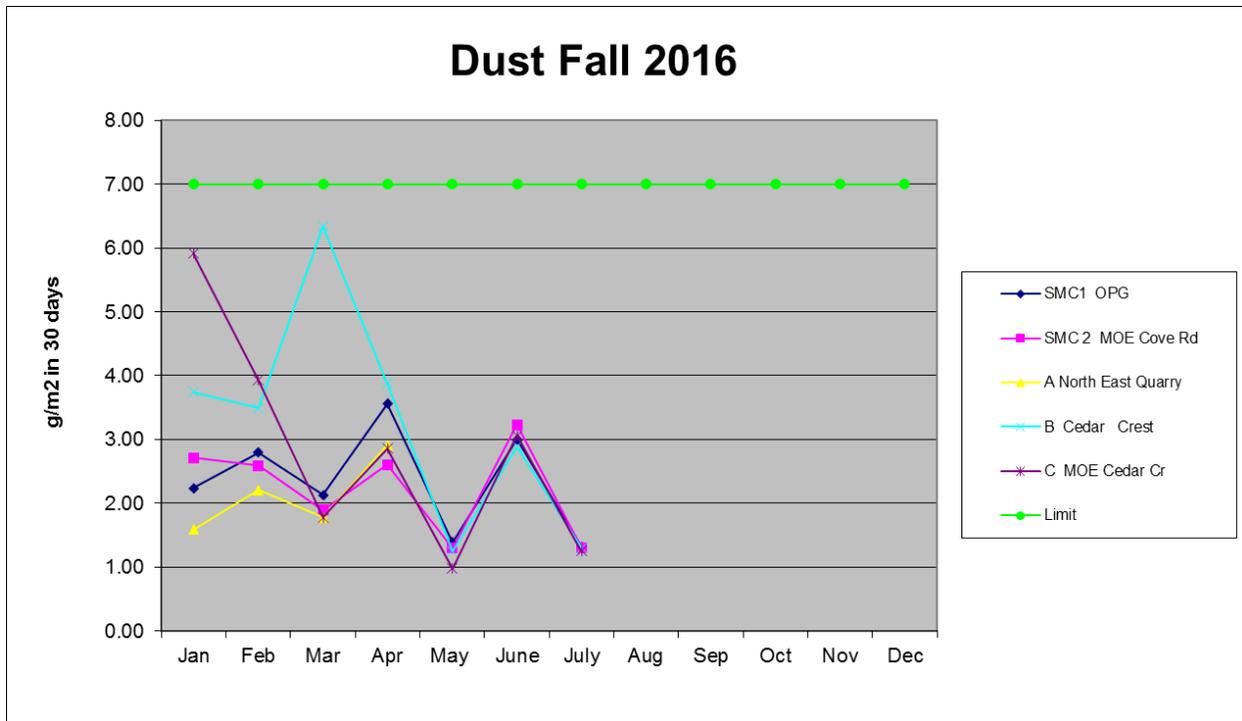


- SMC 1 and SMC2:

## 2016 PM 10 BAM Avg 24 hrs.



- No Dust Fall Exceedences in 2016



- Question: Why is dust not monitored further away?
  - At greater distances, the impact of the operation is less and the certainty that the readings are a result of the operation is less
  - The guidelines require the monitors at the fence line

#### c) Emissions

- SO<sub>2</sub> emissions for 2016 to May 31st are 3,580 tonnes; the total allowance for 2016 is 3,511 tonnes.
- NO<sub>x</sub> emissions for 2016 to May 31<sup>st</sup> are 2,044 tonnes; the total allowance for 2016 is 3,192 tonnes.
- For SO<sub>2</sub> emissions, the allowances from the plant in St Marys, Ontario may be applied and additional allowances may be purchased - this is allowed as it is in the same "airshed"
- Emissions are still compliant with legislation for local emissions, allowances are part of a province wide emission reduction program
- Allowances may be bought and sold between different producers, however, St Marys is striving to reduce emissions through investment in new processes and equipment and has seen some success in using a new "lime hydrator" technology - the first of its kind in the industry - and is investigating other methods
- Industry at large is investigating new ways to control/reduce emissions
- Alternative methods will take at minimum 2 years to permit, get capital approval for, and construct

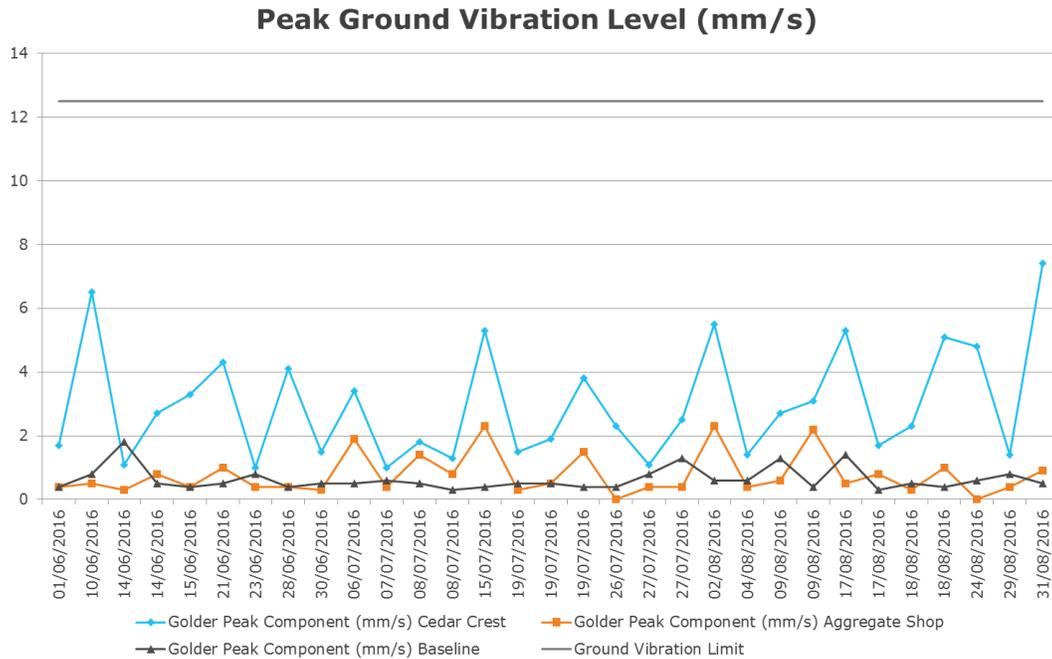
#### 7. Dock Operation Practices

- Controls in place to reduce dust generated from dock operations
  - Petcoke piles are covered in tarps and dust suppressant is applied on open faces

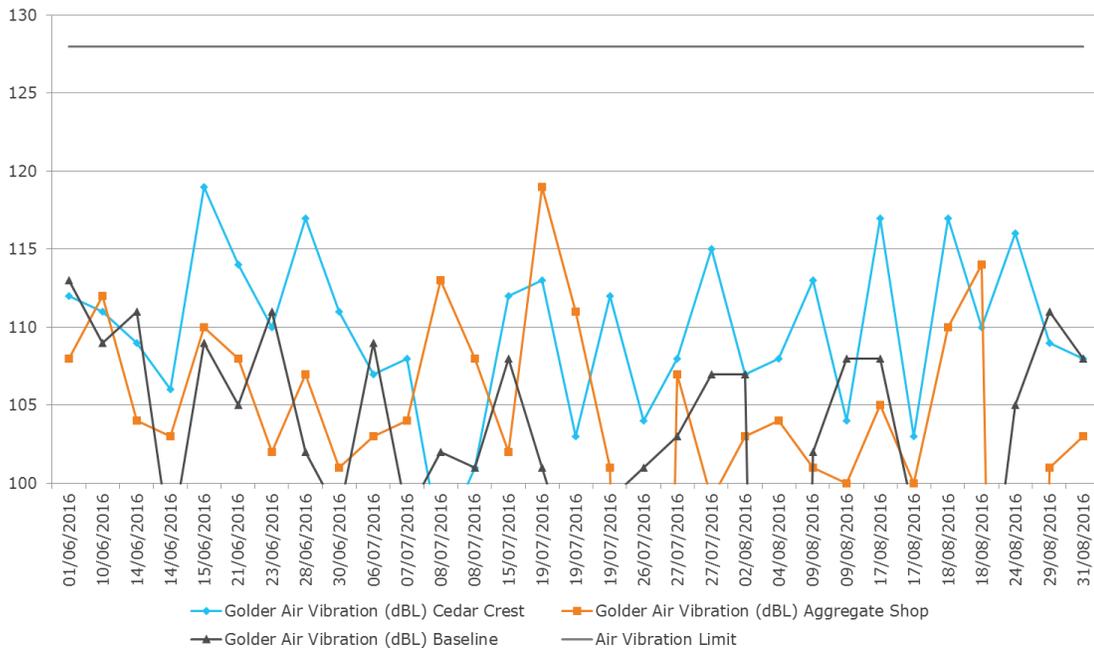
- Coal piles are not covered in tarps due to the risk of self-ignition; instead, dust suppressant is applied on the piles – most piles are coal piles presently
- Maximum height of fuel piles is 10m
- Boat unloading Operations stop when wind speeds exceed 40km/h and are in direction of concern
- Backup alarms on all equipment consistently on site

## 8. Quarry Operation

- Extracting levels 1,2,5 presently, to return to 1,4 and 5 soon
- No ground or air vibration exceedances in start of 2016
- Overburden stripping and stockpiling underway
  - Berm construction happening along east side of property
  - Clay being hauled for the Port Hope Area Initiative New Port Granby Project Long-Term Waste Management Facility



## Peak Air Vibration Level (dB)



### 9. Clay for Port Hope Initiative

- Roughly 300,000 tonnes of clay being sent to Port Hope Area Initiatives Projects
  - Port Hope Project Long-Term Waste Management Facility
  - New Port Granby Project Long-Term Waste Management Facility
  - Deloro Mine Remediation
- Clay is being used as lining material
- Amendment to license to allow for scale operation granted by Ministry of Natural Resources and Forestry
- Continued construction of perimeter berm

### 10. Community Outreach

- donated the building materials and stones for outdoor classroom and sustainable habitat area at Dr. Ross Tilley Public School
  - the project was dreamed up and designed by the Grade 7 class in 2015.
  - Classes also visited the plant for a tour of the cement operation



- The plant will also be contributing to the Highway of Heroes Light Armoured Vehicle (LAV) III Monument Program in the Bowmanville Community <http://lavmonument.ca/en/index.html>

#### **11. Other**

- Drill holes in progress (from dock, not in the lake)
- Signs changed by municipality to indicate that D9 is now the primary detour route
- Multiple instances of drivers damaging the fence at the foot of Waverly Road
- Tree planting day, hosted by TD, at West Side March on September 17<sup>th</sup>

#### **12. 2016 CRC Meetings**

- Next meeting December 8<sup>th</sup>, 2016

#### **13. Outstanding Items**

- Possible CRC Plant Tour