



St. Marys Cement
CLC Meeting
Ministry of the Environment and Climate Change
November 17, 2017

Presentation Overview

- Ministry Role
- Complaint Response Process
- Recent action taken in St. Marys
- Questions

Ministry Role

- Industrial and commercial operations in Ontario must comply with the Environmental Protection Act (EPA) and other provincial environmental legislation.
- The EPA requires Ontario businesses to have an Environmental Compliance Approval (ECA) if the nature of the business process may cause the release of a contaminant to air, land or water. An ECA will set out the operating requirements for the facility.

Français

Environmental Protection Act

R.S.O. 1990, CHAPTER E.19

Consolidation Period: From March 22, 2017 to the [e-Laws currency date](#)

Last amendment: 2017, c. 2, Sched. 11, s. 2.

Legislative History: [+]

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Ministry Role

- When an odour complaint is received, the ministry will contact the company generating odours, noise or particulate (dust) to identify the likely source and will also determine if the company is operating in compliance with its approvals.
- The ministry can issue an Inspection Report requiring the company to undertake operational changes/improvements.
- **If necessary, the ministry can also:**
 - *Issue Provincial Officers Orders;*
 - *Require the company to take steps to address emissions; and/or,*
 - *Refer the matter for investigation to the ministry's Investigations and Enforcement Branch.*

St. Marys Complaints

The London District Office:

- *Tracks, logs and analyzes odour, noise and dust complaints that are received;*
- *Conducts independent proactive observations on a scheduled basis and after normal business hours (evenings and weekends); and*
- *Conducts proactive and reactive inspections of the facilities, including St. Marys Cement, to ensure that they are in compliance with ministry approvals.*

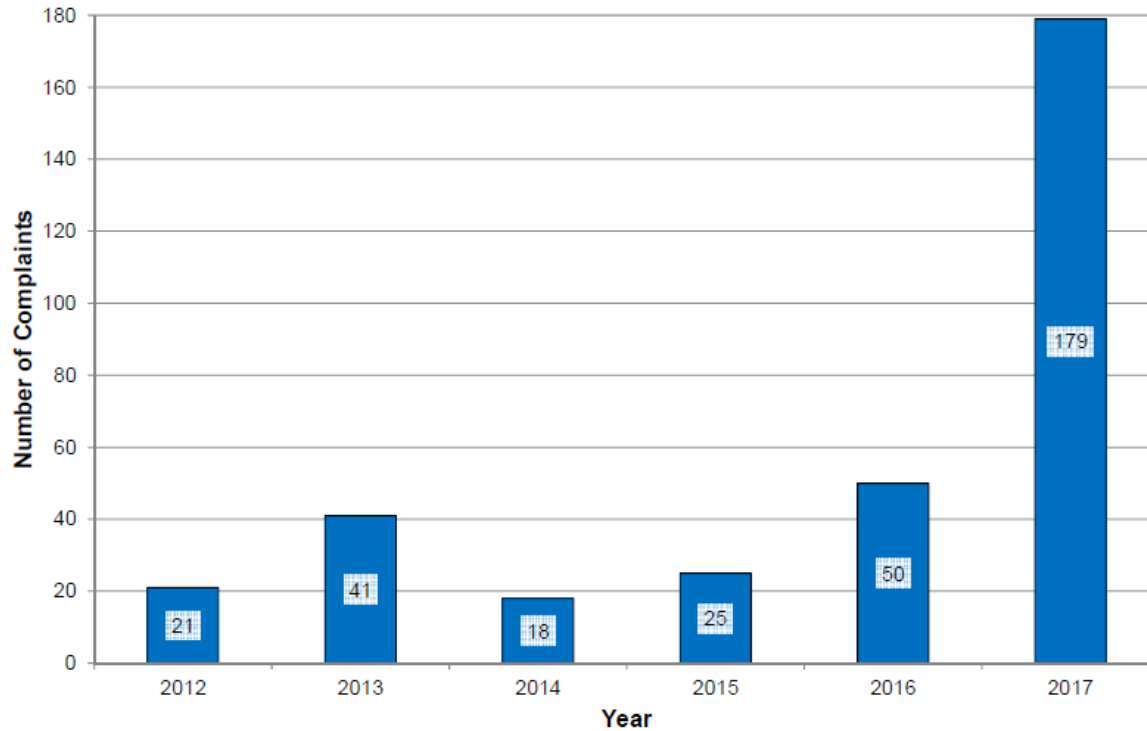


St. Marys Complaints

- Residents of St. Marys are encouraged to notify the local ministry office of concerns related to odour, noise or dust from nearby facilities, including the St. Marys Cement facility. Local residents can report their concerns by calling:
 - *The London District Office at 519-873-5199 during regular business hours; or,*
 - *The ministry's Spills Action Centre, toll-free, 24 hours a day, at 1-800-268-6060, outside of regular business hours.*
- Callers are encouraged to provide the location, date, time, weather conditions and any other details when they make their report.

Complaints Received 2012-2017

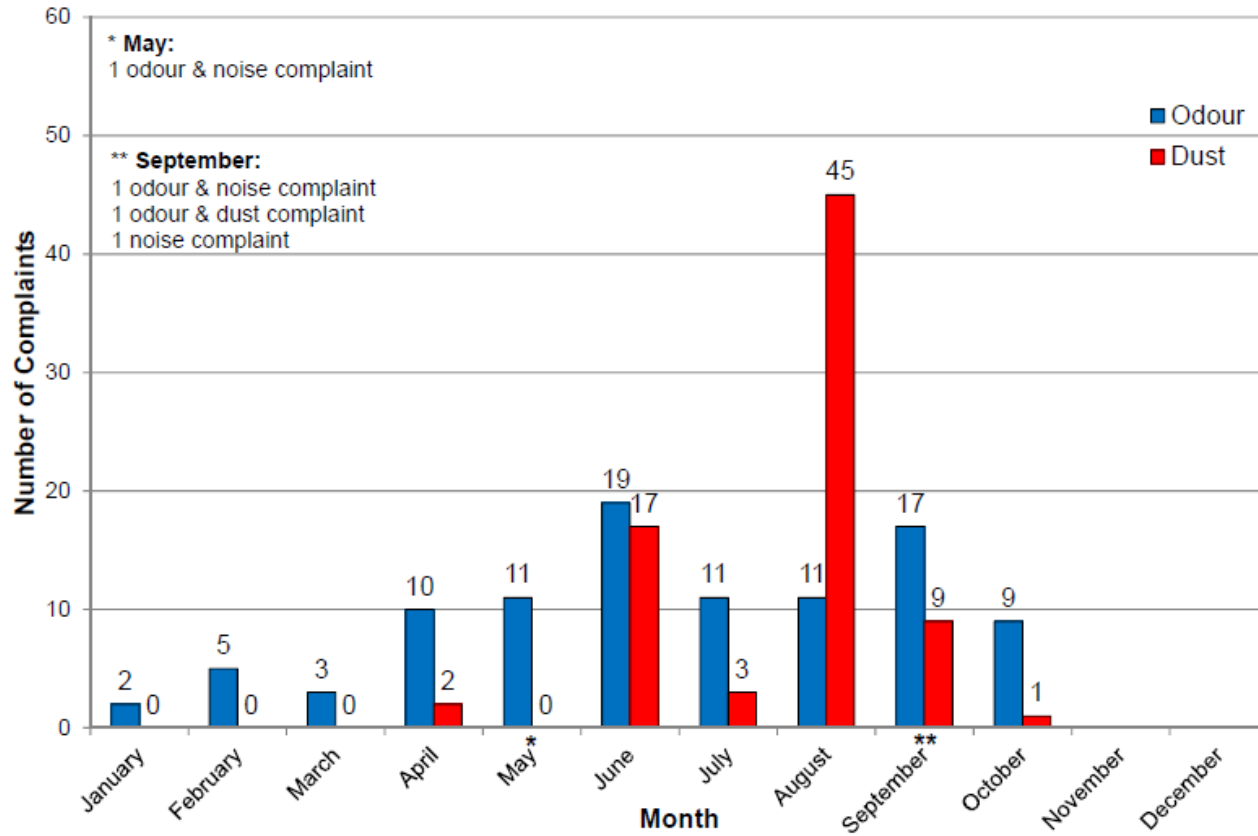
(as of October 31, 2017)



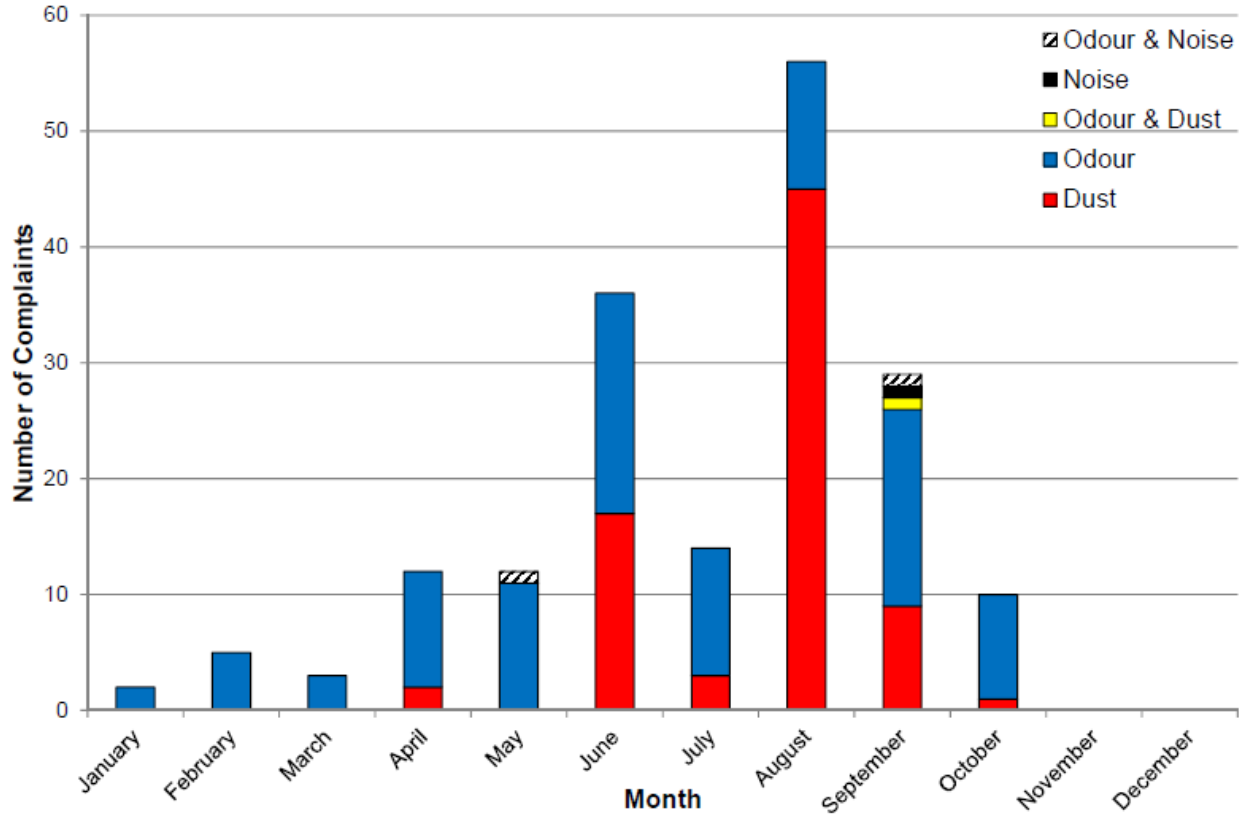
As of October 31, 2017, the ministry has received 179 complaints this year concerning odour, noise and particulate suspected from the St. Marys Cement facility.

Complaints Received 2017

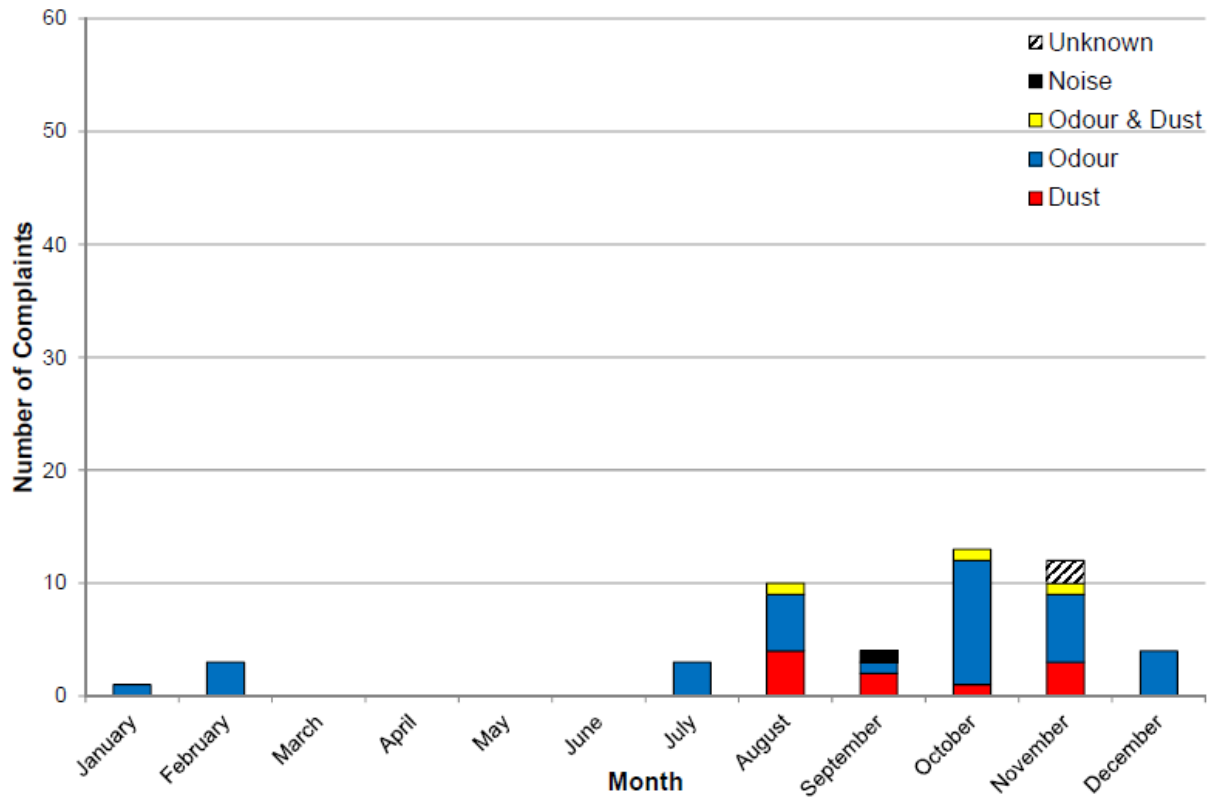
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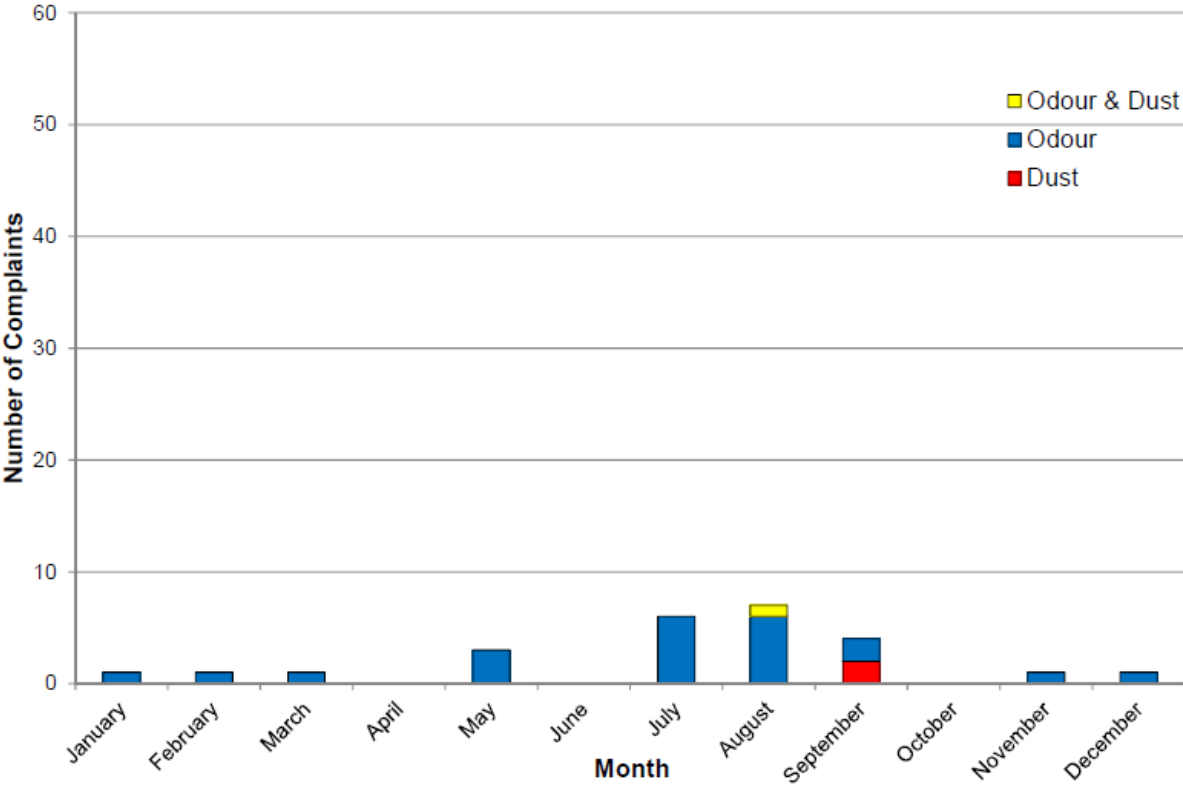
Complaints Received 2017 (as of October 31, 2017)



Complaints Received 2016



Complaints Received 2015



Recent Ministry Action

2016 Mobile Air Monitoring Results

- The ministry conducted mobile air monitoring around the Town of St. Marys over nine days from August 2016 to November 2016.
- The ministry looked at particulate (PM₁₀, PM_{2.5} and Total Suspended Particulate (TSP)), SO₂ and Benzene.
- A total of 52 15-minute or 30-minute samples of each pollutant were taken during this period.
- Results were compared to 15-minute or 30-minute “comparison values” calculated by scaling longer-term Ambient Air Quality Criteria (AAQC) down to the shorter averaging times.
- All PM_{2.5} and SO₂ measurements were below their applicable comparison values.
- One PM₁₀ and one TSP measurement were in excess of their applicable comparison values.
- Three benzene measurements were in excess of their applicable comparison value.

Recent Ministry Action

Temporary Air Monitoring Station

- On July 5, 2017, the ministry installed a temporary air monitoring station within the Town of St. Marys to collect air quality data, over several months, to identify the likely sources of particulate and odour.
- The information gathered from the station will be analyzed by ministry staff to determine if current air quality guidelines are being met.



Recent Ministry Action

Environmental Compliance Approval Amendment

- In August 2017, the ministry issued a revised ECA to St. Marys Cement. In addition to other conditions, the amended ECA requires St. Marys to continue to implement a Best Management Practices Plan (BMPP) for the management of fugitive dust emissions from the facility, conduct odour testing and to prepare and implement an odour abatement plan.
- The amended ECA also requires the company to conduct Source Testing to determine the rates of emission for various compounds from the Cement Kiln Stack. This testing is expected to occur later this month.
- The ministry will ensure that St. Marys Cement is in compliance with these conditions, including the other conditions set out in their ECA.

Questions and Conclusion

- The ministry will continue to work with the local residents and St Marys Cement to address complaints.
- Residents are encouraged to notify the local ministry office of concerns from nearby facilities, including St. Marys Cement.
- Local residents can make a report by calling:

The London District Office at 519-873-5199 during regular business hours; or,

The ministry's Spills Action Centre, toll-free, 24 hours a day, at 1-800-268-6060, outside of regular business hours.