

The background features decorative wavy lines in blue and green. A large blue wave starts from the left edge and curves downwards. Below it, a green wave follows a similar path. To the right, there are several more layers of blue and green waves, creating a sense of movement and depth.

Community Liaison Committee

St Marys Cement Plant

September 10, 2026

Agenda

1. Welcome and Introductions
2. Complaints 2026 Year to Date
3. Alternative Low Carbon Fuels Updates
4. Terms of Reference
5. Questions Brought Forward in Advance
6. Round Table
7. Closing Remarks

Community Liaison Committee

Welcome and Introductions



Community Liaison Committee

The next Community Liaison Committee Meeting will be held on **Thursday, September 10th at 6 p.m.** at the St. Marys Municipal Operations Center. Members of the public who wish to observe are welcome to attend.

Residents who wish to speak in front of the Committee may submit a detailed request in writing to the Committee. The request will be considered by the Committee and approved prior to the meeting.

Please submit all requests, questions, and concerns for the meeting to kara.pelissero@vcimentos.com by **Tuesday, September 8 at 12 p.m.**

- Thank you to the Town of St Marys for allowing us to use their Youtube Channel and the Municipal Operations Center
- Welcome back everyone!
- Format of the Meeting
- Round Table Introductions
- Did anyone have questions/concerns about the June 5th Meeting

Complaints Received

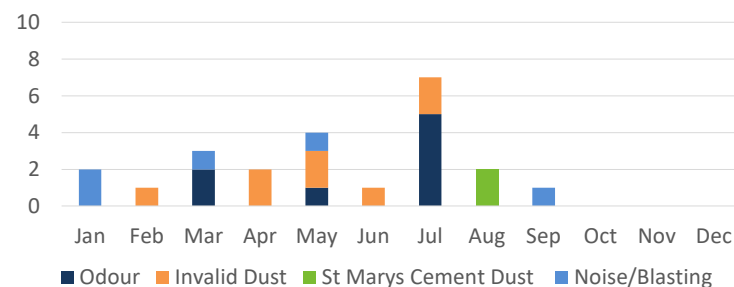
2026 Year to Date

	Odour*	Mention Health**	Dust	Invalid Dust	Noise/Blasting
Total	8	0	10	8	5
January	0	0	0	0	2
February	0	0	1	1	0
March	2	0	0	0	1
April	0	0	2	2	0
May	1	0	2	2	1
June	0	0	1	1	0
July	5	0	2	2	0
August	0	0	2	0	0
September	0	0	0	0	1
October					
November					
December					

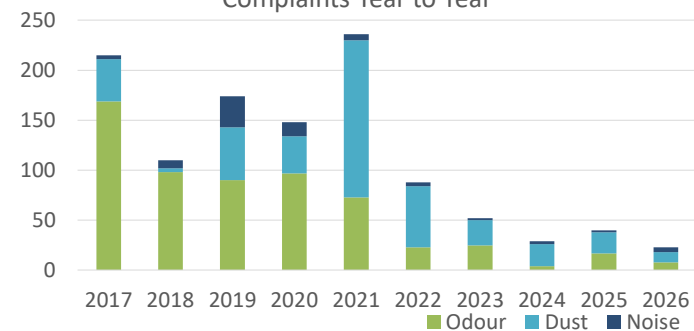
* Odour complaints reviewed on the next slides

**Complaints which 'Mention Health' are counted when a resident calls with an odour complaint and highlights that they have health concerns. They are not separate complaints received by the plant.

2026 Community Complaints



Complaints Year to Year



Odour Complaints 2017 to 2025

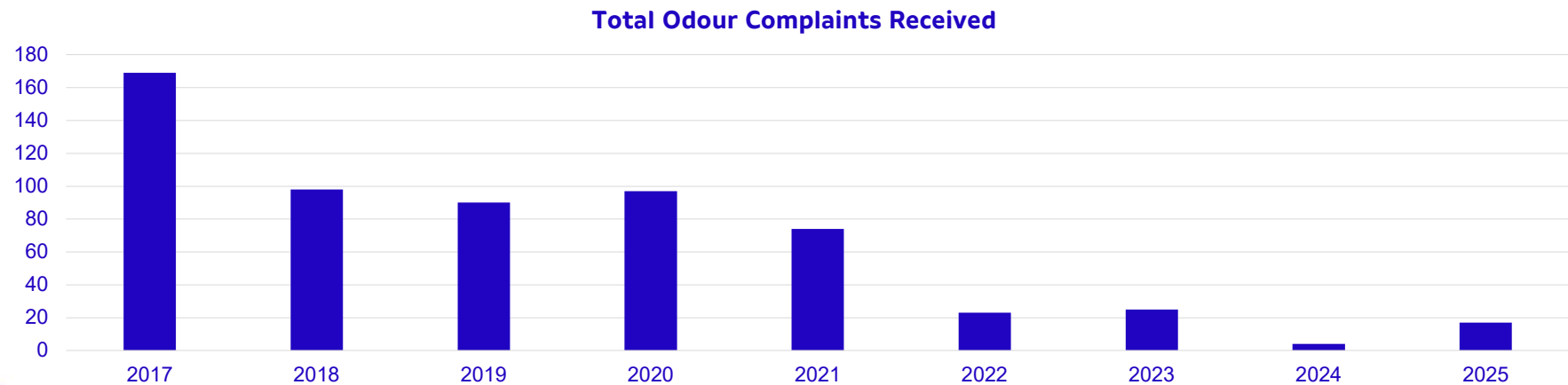
Odour Testing

- In 2018 SMC completed lab-scale testing for determining odour contribution of our raw materials
- SMC analyzed numerous samples including raw materials, limestone samples, petroleum coke, and kiln feed mixtures
- Samples of limestone consistently tested higher in odour units than other samples
- Analysis of limestone showed odour concentrations are random at different depths
- Since limestone makes up 75–80% of our raw material mixture, it cannot be eliminated or substituted
- As a result of this testing, SMC focused odour abatement efforts on improving dispersion and raised the stack height by 30m in May 2020

Odour Complaints 2017 to 2025

Odour Subjectivity

- It is noted that odour is subjective and varies between individuals. For example if one individual notices the odour as offensive another may not.
- St Marys Cement reports all odour complaints to the Ministry of Environment, Conservation and Parks as required by the ECA.
- Complaints reports include the date and time, wind direction, and location.



Odour Monitoring using Enviro-Suite Software



Likely Originated from SMC

The trajectory generated by Enviro-Suite aligns with the location of the stack.



Possibly Originated from SMC

The trajectory generated by Enviro-Suite is close to aligning with the location of the stack.



Probably did not Originate from SMC

The trajectory generated by Enviro-Suite is not close to the stack but direction of the trajectory is towards SMC.



Did Not Originate from SMC

The trajectory generated by Enviro-Suite is clearly not in the direction of the stack.

Odour Monitoring using Enviro-Suite Software

Date	Enviro-Suite Results
Wednesday, July 1, 2026	Likely originated from STM
Thursday, July 2, 2026	Enviro-Suite Unavailable
Friday, July 3, 2026	Likely originated from STM
Monday, July 13, 2026	Likely originated from STM
Saturday, July 18, 2026	Likely originated from STM

Enviro-Suite Results*		
	2025 YE	2026 YTD
Likely Originated from SMC	12	4
Possibly Originated from SMC	2	1
Likely did not Originate from SMC	1	1
Location not Provided	2	0
Enviro-Suite Unavailable	0	3

Dust Complaints Process

St Marys Cement has developed a procedure where the facility work with residents to address community dust concerns.

When SMC receives a dust concern from a resident, a representative from the cement plant promptly goes to the residence and takes a sample of dust off the vehicle.

- Complaints need to be prompt to ensure no contamination can occur.
- SMC uses deionized water and ash-less filter paper to remove the sample from the vehicle.
- Deionized water does not add any mineral contaminants to the sample.
- Hydration of the dust on the vehicle allows us to see how the dust reacts with water.
- Ash-less filter paper is critical in the analysis process.

The sample is taken from the windshield or sunroof of the vehicle for several reasons.

- Not from a painted surface to avoid scratching the paint
- Not from the rear window because a lot of dirt can be kicked up from the wheels and settle on the back vehicle.
- Not from the side windows because dust needs a horizontal surface to settle on.

SMC then analyzes the sample in the St Marys Cement lab to determine if it matches any of the raw materials or products at the facility. The test methods used at the lab are commonly used in the cement industry and we use the results to compare to our own on site products and materials.



Dust Complaints Process

While the sample is in the lab St Marys Cement begins the root cause investigation.

1. Complaint Location

- Location Relative to St Marys Cement operations
- Distance from the plant
- Location relative to other sources of dust (construction, farming activities, roadways (paved and unpaved), seasonal sources (ie. road salt or pollen).

2. Weather Conditions

- Wind Direction
- Wind Speed
- Rain / Moisture (dew)

3. Plant Conditions

- St Marys Cement employees are constantly observing for dust being emitted from any source on site
- If dust is identified then employees take immediate action to eliminate the dust
- Actions taken are recorded in a log.

Once analysis is back the facility compares data from the root cause investigation to the analysis results to determine if the material could have originated from St Marys Cement.



Dust Complaints Received

Date	Number of Complaints	Valid Complaints	Sample Results
6/8/2026	1	0	Resident noted dust since last fall. This is a long length of time so the complaint procedure was reviewed with the resident and no sample was taken.
7/9/2026	1	0	Sample contained high silica which is inconsistent with cementitious material.
7/30/2026	1	0	Sample contained zero calcium oxide content which is inconsistent with cementitious material.
8/7/2026	1	1	Sample indicated cementitious material, originating from on site material transfer operations which were ceased and re-evaluated prior to starting.
8/18/2026	1	1	Sample indicated cementitious material, originating from unstable on-site operations which were addressed by St Marys Cement staff.

Blasting Limits and Vibration

- St Marys Cement received 1 blasting complaint in September 2026.
- St Marys Cement provided the previous presentation from Dyno-Nobel in June 2022 discussing Blasting monitoring and vibration limits

Structural response to air overpressure

Air Overpressure (dB(L))	Air overpressure effect
181	Conventional structures severely damaged
171	Most windows break
151	Some windows may break
140	Some large, poorly set plate glass windows may break/crack
129 - 134	USBM interim limit for allowable air overpressure
128	Ontario limit for Quarries (NCP 119)
117	Dishes and windows may rattle
65	Ordinary conversation



Alternative Low Carbon Fuels



ALCF Wood



ALCF Plastic

St Marys Cement started using ALCF in the process in May 2024.

As of August 31st, 2026 SMC has used

1727 tons of wood

and

33,614 tons of plastic

as Alternative Low Carbon Fuels.

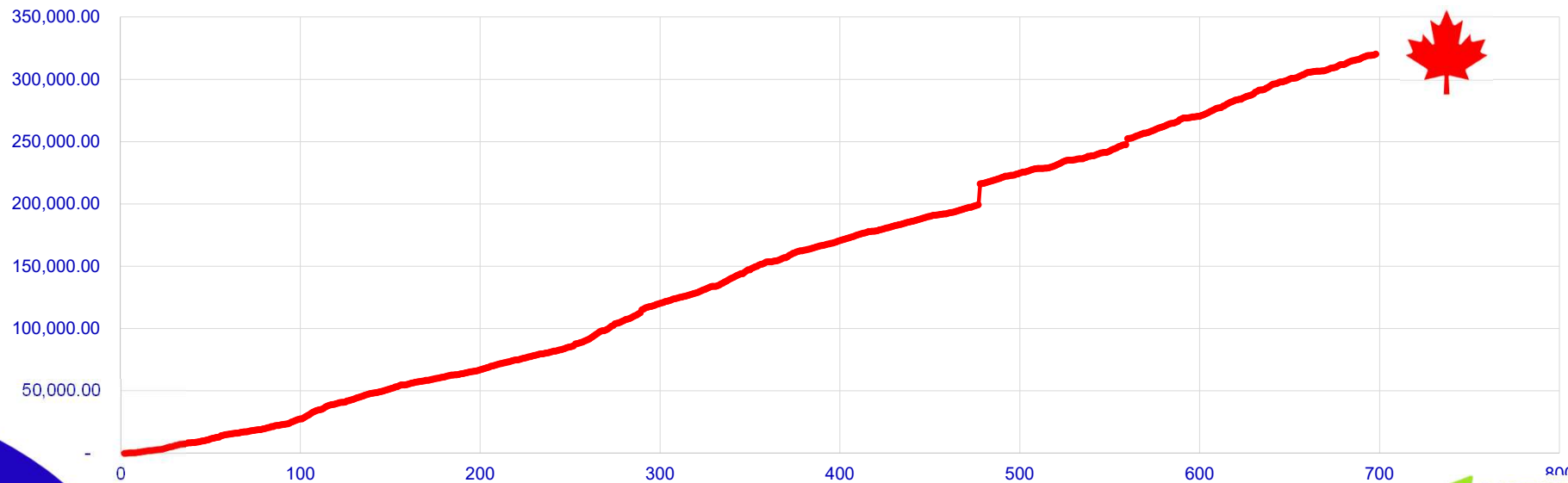
Alternative Low Carbon Fuels

According to Statistics Canada in 2019 the average Canadian disposed of **105 kg of plastic per year**.

As of August 31st , 2026 the quantity of plastic used as ALCF at SMC is the equivalent of **320,138** Canadians' discarded plastic.

<https://www150.statcan.gc.ca/n1/daily-quotidien/230309/dq230309e-eng.htm>

Equivalent Canadians' Discarded Plastic

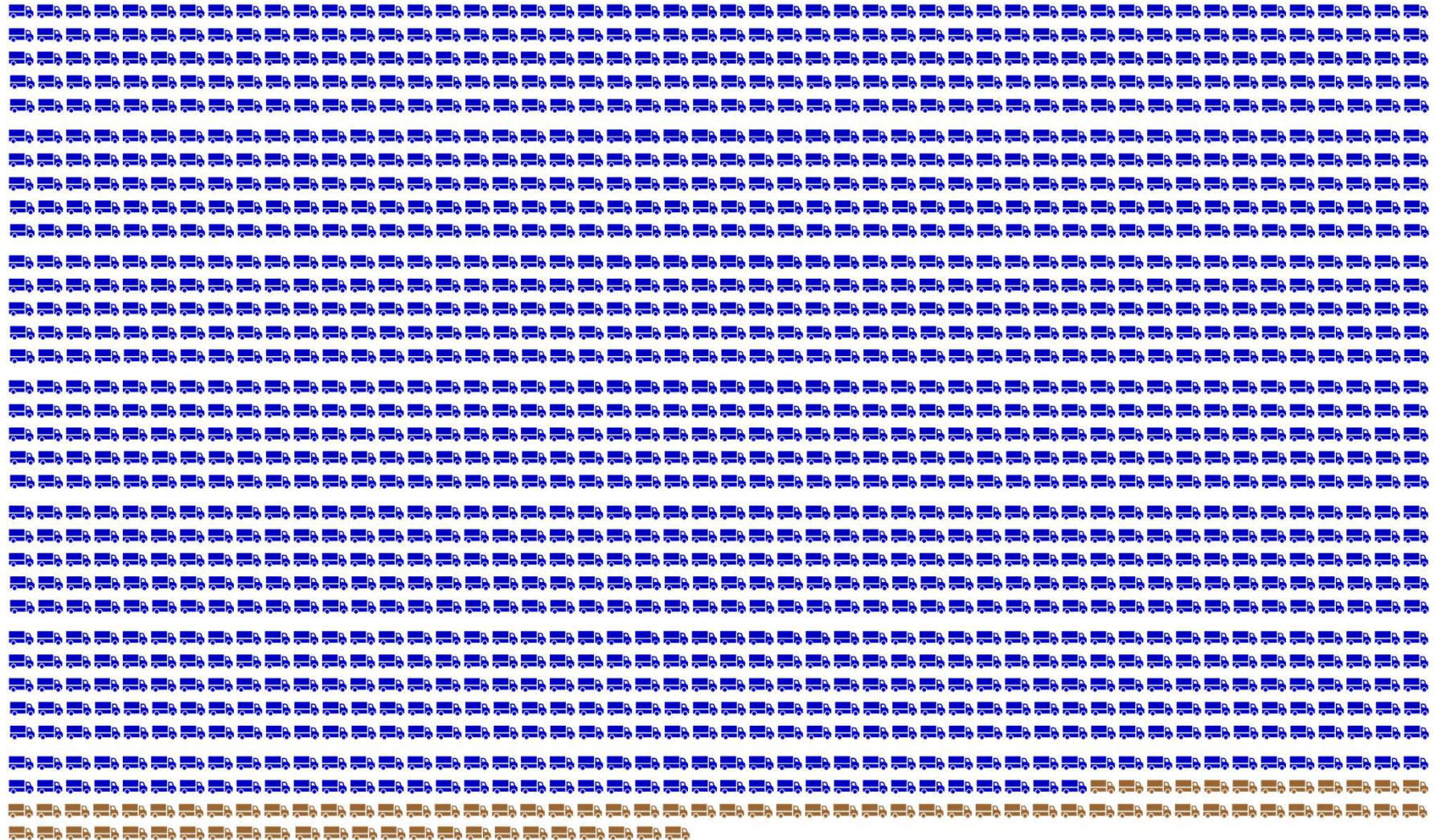


Since May 2024 St Marys Cement has used
1588 trucks of plastic and **86 trucks of wood** as Alternative Low Carbon Fuel.



1588 trucks of plastic
Average 2 Trucks per day

Since May 2024 St Marys Cement has used **1588 trucks of plastic** and **86 trucks of wood** as ALCF.



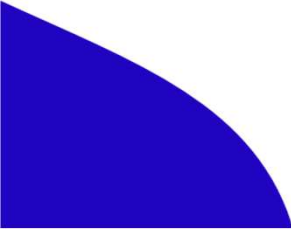


Since May 2024 St Marys Cement has used
1588 trucks of plastic and **86 trucks of wood** as Alternative Low Carbon Fuel.

1,674 trucks is approximately 210,000m³.

St Marys Swimming Quarry is approximately 250m long by 75m wide with depth ranging from 3 to 10m. If we use the average depth of 5m then the volume is approximately **93,750m³**.

St Marys Cement has used approximately 2.24 swimming Quarry's worth of ALCF.



Terms of Reference

- The Terms of Reference was created in 2017 when the CLC was formed and has been reviewed a few time since then. St Marys Cement reviewed the Terms of Reference in June 2023 with no changes made. Topics reviewed in 2023 included types of concerns, meeting format, community engagement, vernacular for his/her, and role of the CLC. As part of this year's review, we will be going over the Terms of Reference and potential changes that can be made.
- It should be noted that the Terms of Reference is required as part of the facility's Environmental Compliance Approval and is signed by representatives of St Marys Cement Plant and the Ministry of Environment, so any changes will be approved by both parties.
- The Town of St Marys Municipal elections are in Fall 2026 so we will potentially be welcoming new CLC Members from Town Council.

Terms of Reference

Format of the Terms of Reference

1. Background
2. Purpose
3. Objectives and Mandate
4. Membership and Structure
5. Meeting and Minutes Procedure, Reporting to Council, Speaking Rights
6. Communications

2026 Review of CLC Meeting Minutes

- Section 4 – Members of the Elected Town Council and/or Town Staff Members (with at least one member from each of the elected Town council and Town staff)
- Section 4 – Interested Members
- Section 5 – Format of the Meetings and Format for Public Observers to discuss concerns in the CLC Meetings

Terms of Reference

1. Does the community at large seek more information? Are there constant inquiries to you other than the complaints of odour, dust or noise?
2. Is the current reporting format (video meetings) meeting the needs of the community? How many people are typically watching?
3. Are current members ever been asked to help?
4. Have the town or MECP been approached for more information outside of the CLC?

Questions Brought Forward in Advance

None.

Round Table

For any Questions or Concerns related to St Marys Cement
Plant Operations please contact

Kara Pelissero – Environmental Manager
at 519-284-1020 x 235
or at
kara.pelissero@vcimentos.com

Upcoming Meetings
December 4, 2026 – 10:00am

