



Community Liaison Committee

St Marys Cement Plant

March 6, 2026

Agenda

1. **Welcome and Introductions**
2. **Complaints 2025 Year End and 2026 Year to Date**
3. **Alternative Low Carbon Fuels Updates**
4. **Raw Materials Sourcing and Usage**
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 **Friday, March 6th at 10am** 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 **Wednesday, March 4th at 10am.**

- Thank you to the Town of St Marys for allowing us to use their Youtube Channel and the Municipal Operations Center
- Welcome back everyone!
- Round Table Introductions
- Did anyone have questions/concerns about the December 11 meeting

Complaints Received

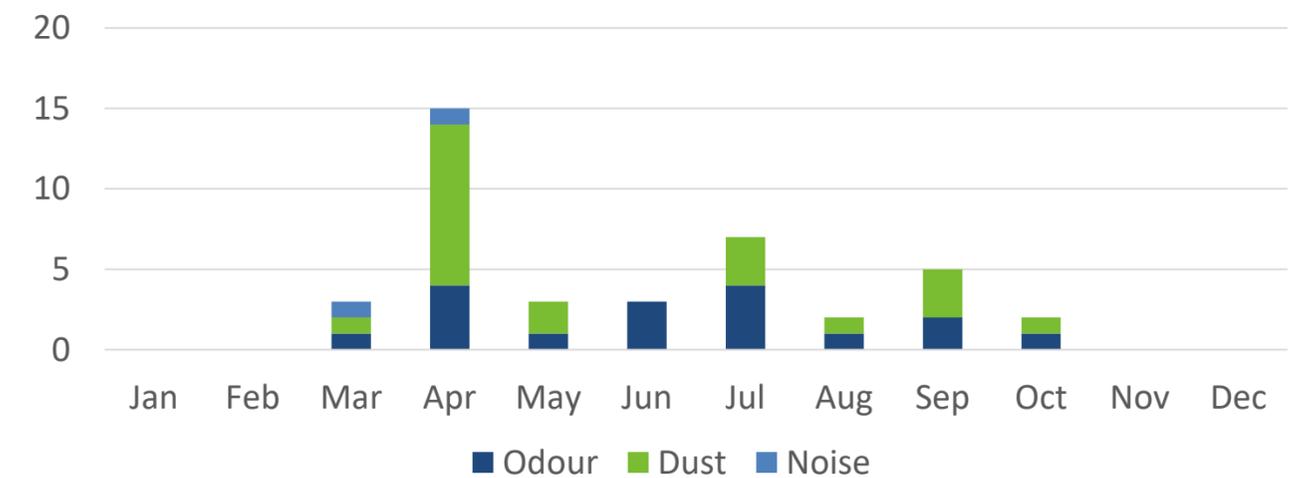
2025 Year End

	Odour*	Mention Health**	Dust	Invalid Dust	Noise/ Blasting
Total	17	5	20	10	2
January	0	0	0	0	0
February	0	0	0	0	0
March	1	0	1	0	1
April	4	2	10	6	1
May	1	0	1	0	0
June	3	0	0	0	0
July	4	2	3	1	0
August	1	1	1	0	0
September	2	0	3	2	0
October	1	0	1	1	0
November	0	0	0	0	0
December	0	0	0	0	0

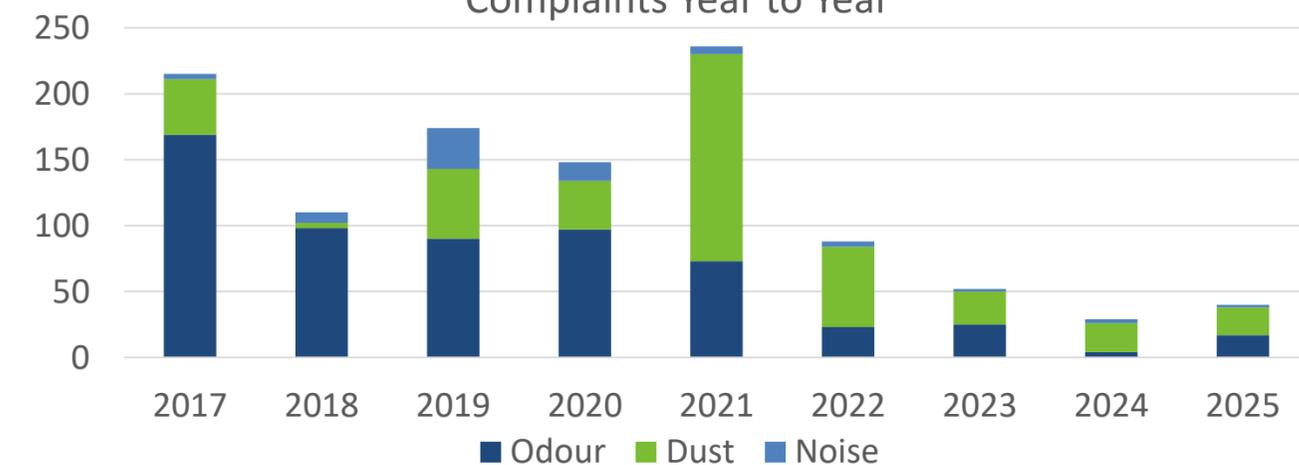
* Odour complaints reviewed on the next slides

**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.

2025 Community Complaints



Complaints Year to Year



Complaints Received

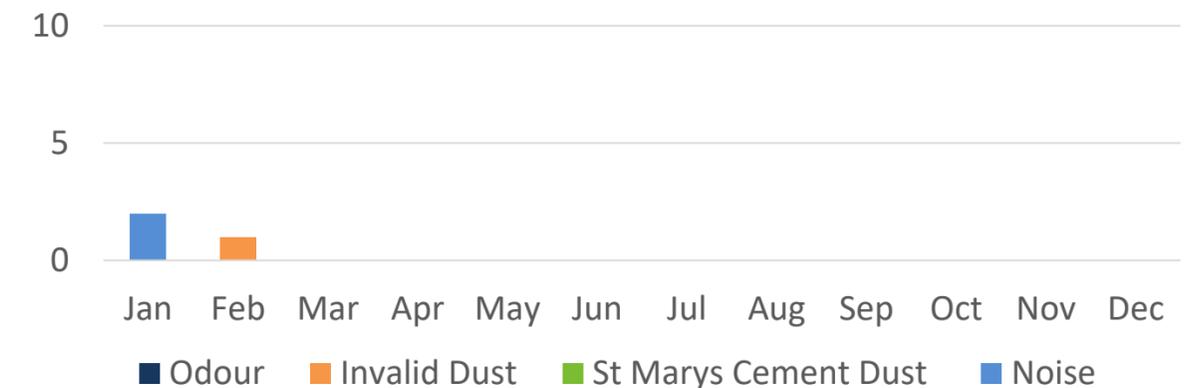
2026 Year to Date

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

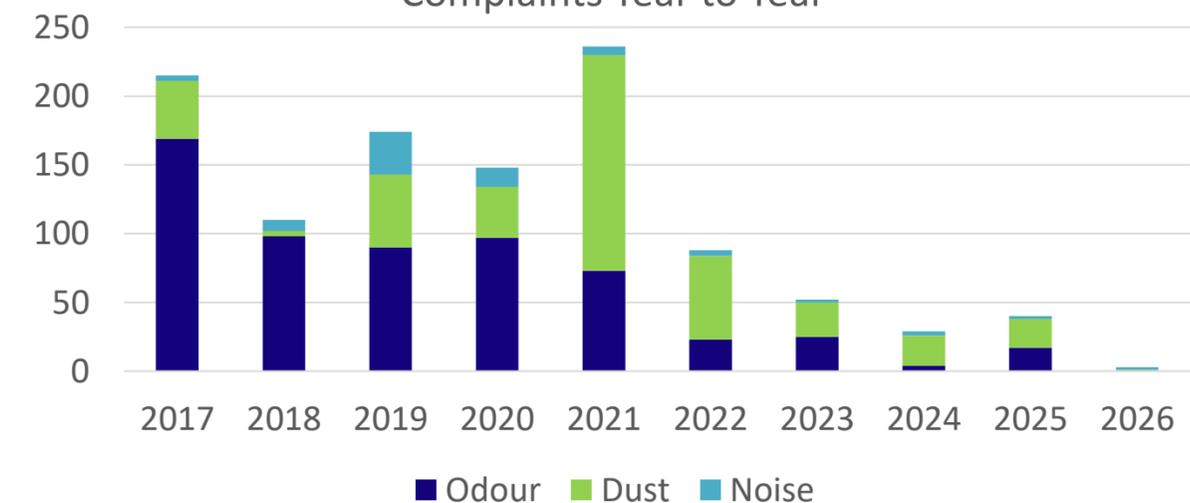
* Odour complaints reviewed on the next slides

**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



Dust Complaints Received

Date	Number of Complaints	Valid Complaints	Sample Results
2/17/2026	1	0	High levels of iron inconsistent with cementitious materials

Alternative Low Carbon Fuels



ALCF Wood



ALCF Plastic

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

As of January 31st, 2026 SMC has used

1727 tons of wood

and

24,792 tons of plastic

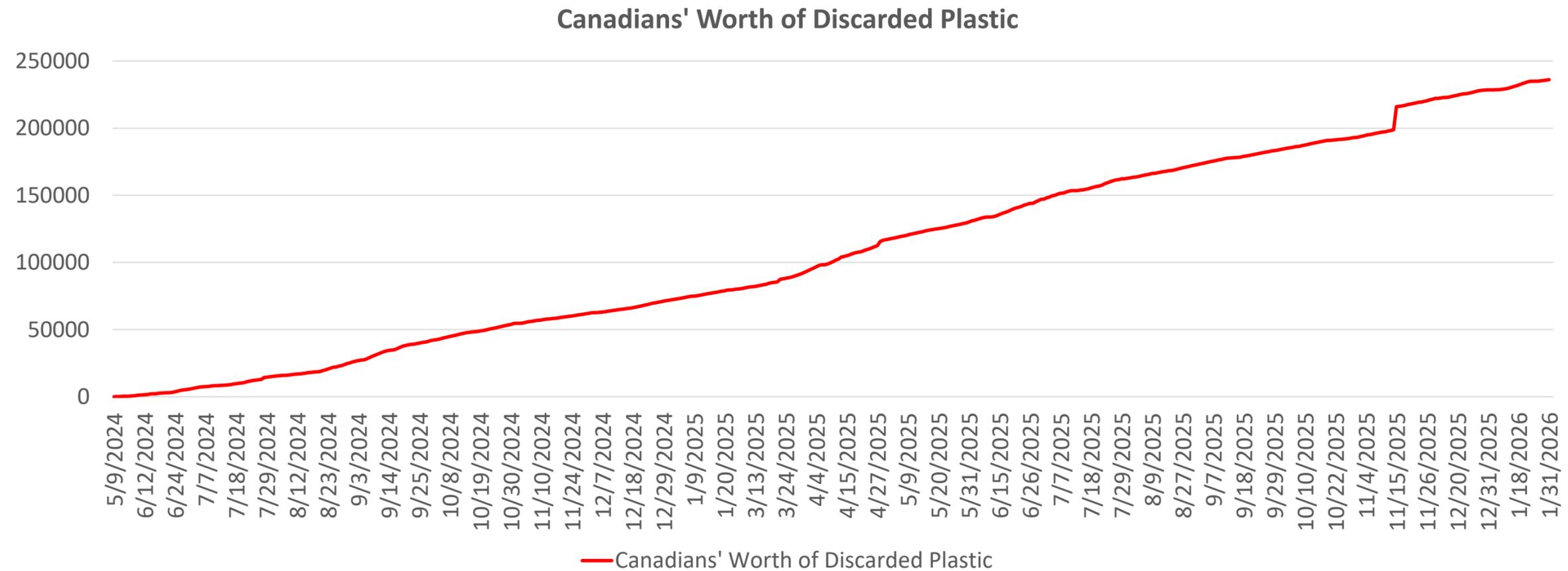
as Alternative Low Carbon Fuels.

Alternative Low Carbon Fuels

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

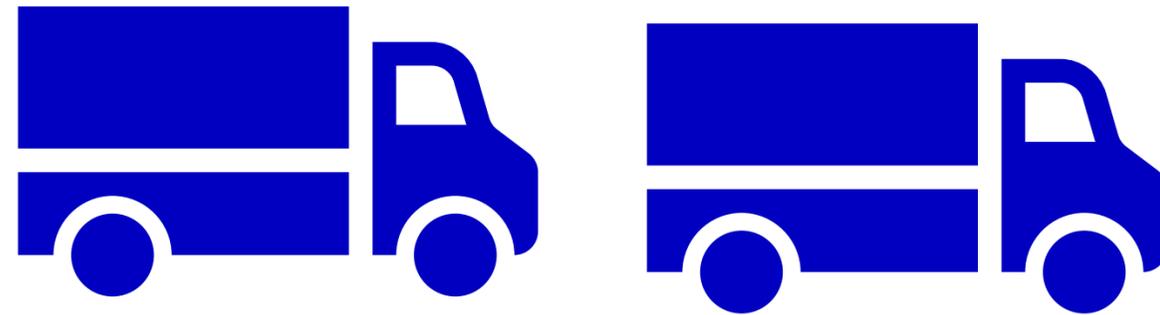
As of January 31st , 2026 the quantity of plastic used as ALCF at SMC is the equivalent of **236,115** Canadians' discarded plastic.

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



Since May 2024 St Marys Cement has used

1142 trucks of plastic* and **86 trucks of wood*** as Alternative Low Carbon Fuel.



1142 trucks of plastic
Average 2 Trucks per day

Industrial Byproduct Materials

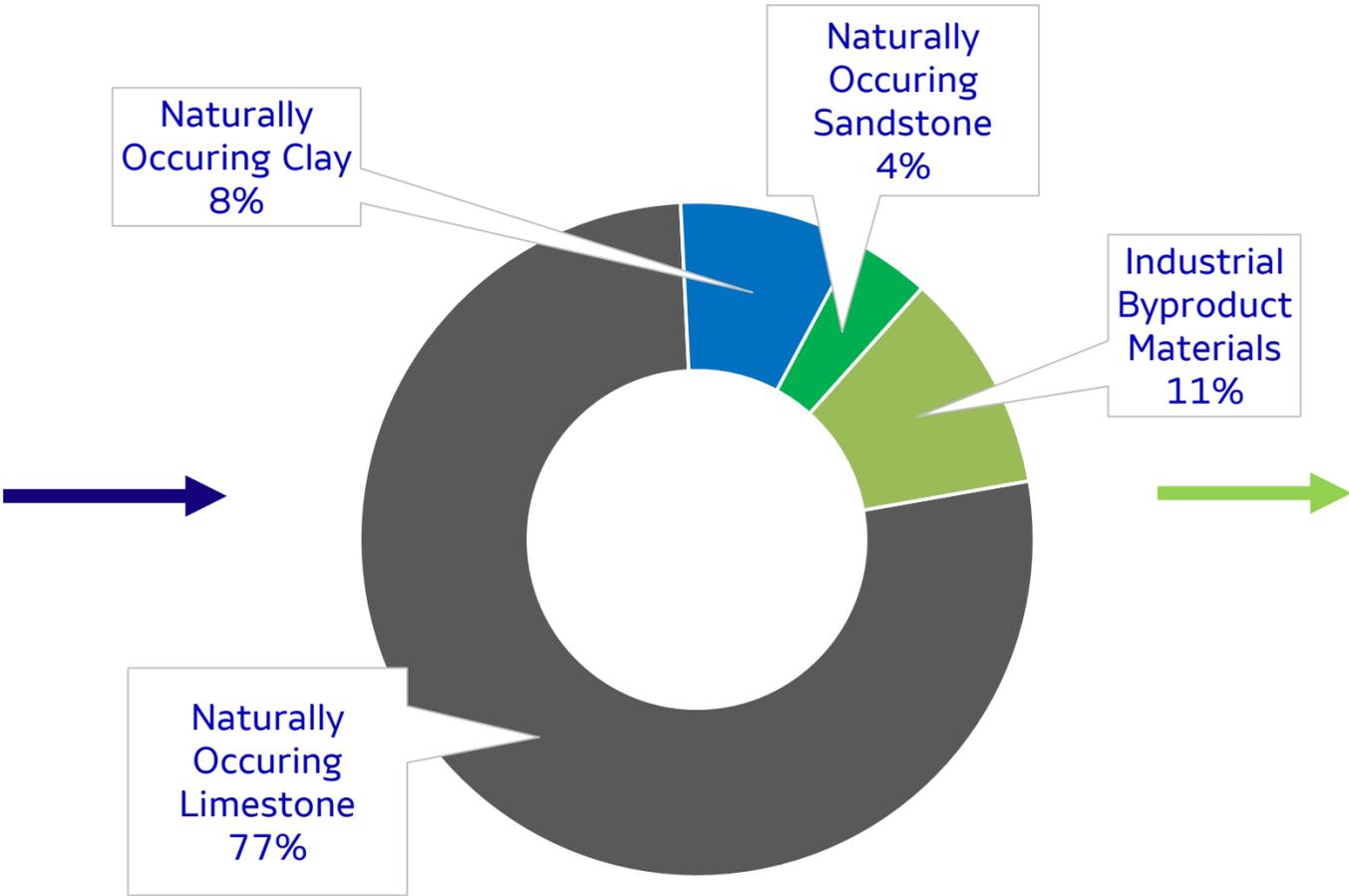


Raw Materials Summary

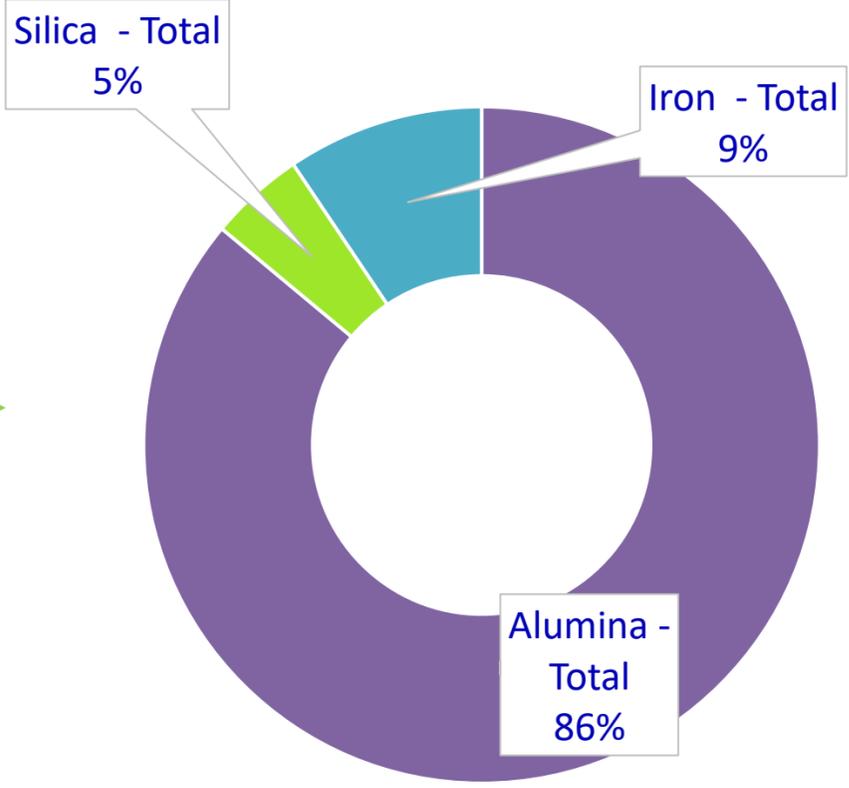
The process at St Marys Cement includes raw material delivery, storage, and processing to create a raw feed which is pyroprocessed into clinker, which is then ground into cement. The facility uses approximately 1,000,000 tons per year.

The raw materials are combined of naturally occurring limestone which is combined with naturally occurring clay and sandstone, along with other industrial byproduct materials that are used to add elemental iron, silica, and alumina.

Total Raw Materials in 2025

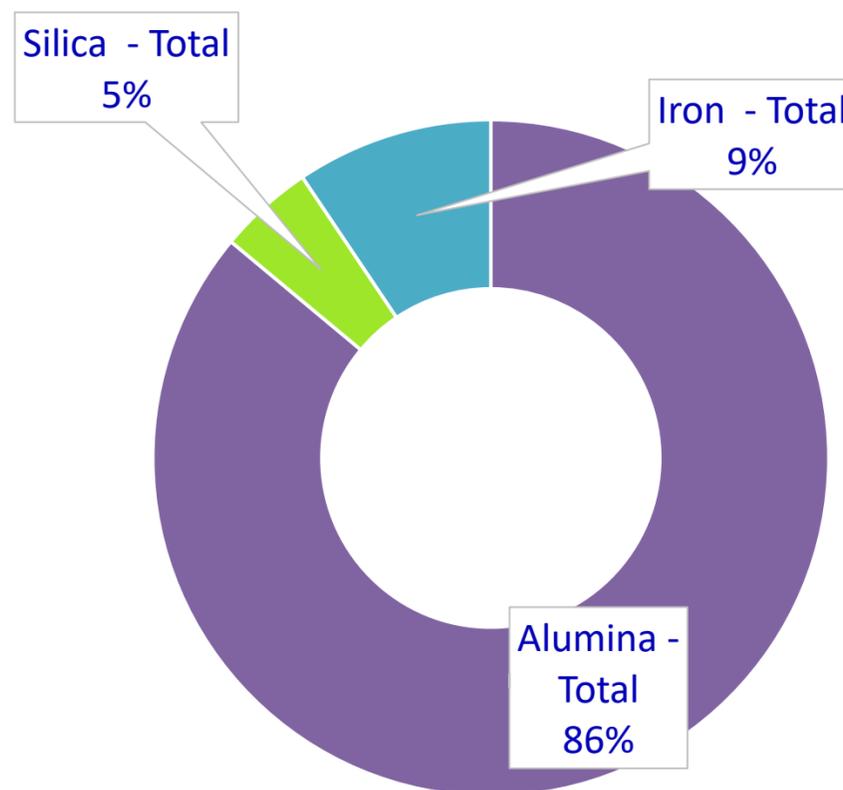


Industrial Byproduct Materials



Raw Materials Summary

Industrial Byproduct Materials

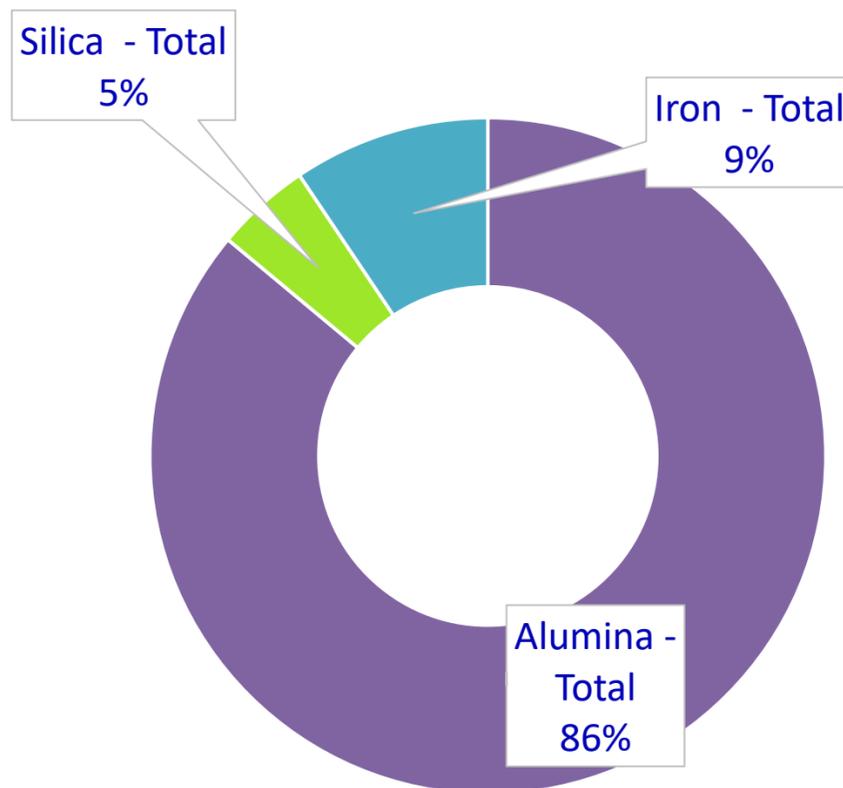


Iron

- Reduces the melting point of pure limestone making it easier to produce clinker in the kiln, enhances long term strength in cement, and forms a resistance to sulphur corrosion in cement.
- Currently 1 supplier for St Marys Cement
- Iron is generally sourced from steel manufacturers.
 - https://www.youtube.com/watch?v=F_icE5rMEBo

Raw Materials Summary

Industrial Byproduct Materials

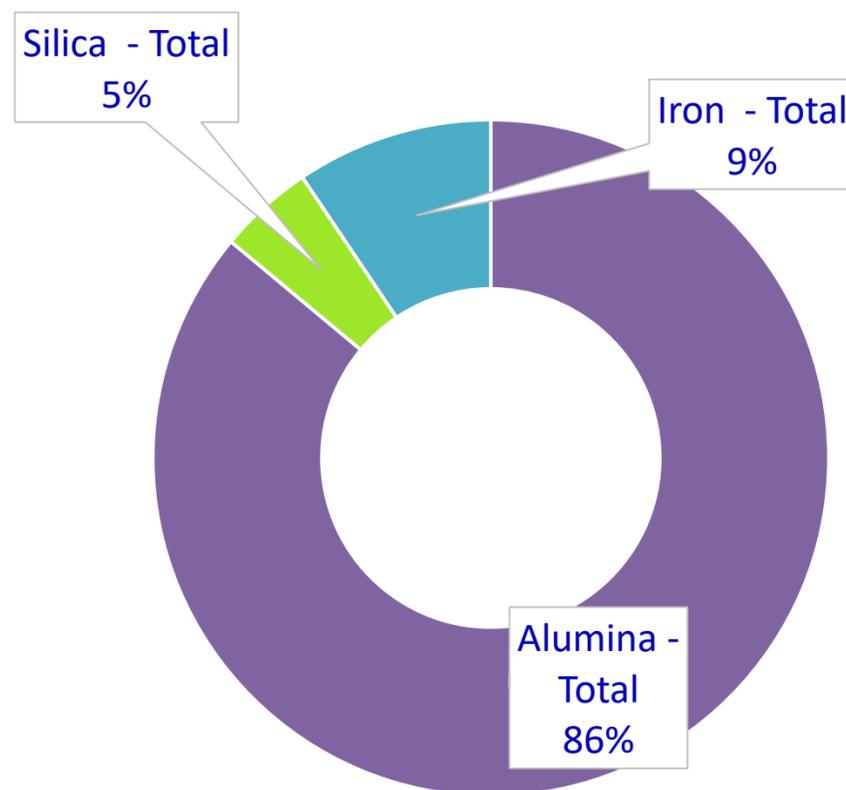


Alumina

- Reduces the melting point of pure limestone making it easier to produce in the kiln, enhances short term strength in cement.
- Partially sourced on site in a Clay Mine
- Approximately 6 Suppliers for St Marys Cement
- Alumina is generally sourced as Fly Ash and Bottom Ash sourced from energy from coal facilities
 - <https://www.youtube.com/watch?v=1LCSsLOgLGA>
- Alumina is also sourced from recycled bricks which were used to line high heat industrial processes such as steel mills
 - <https://www.youtube.com/watch?v=wGI9FkSYFEs>

Raw Materials Summary

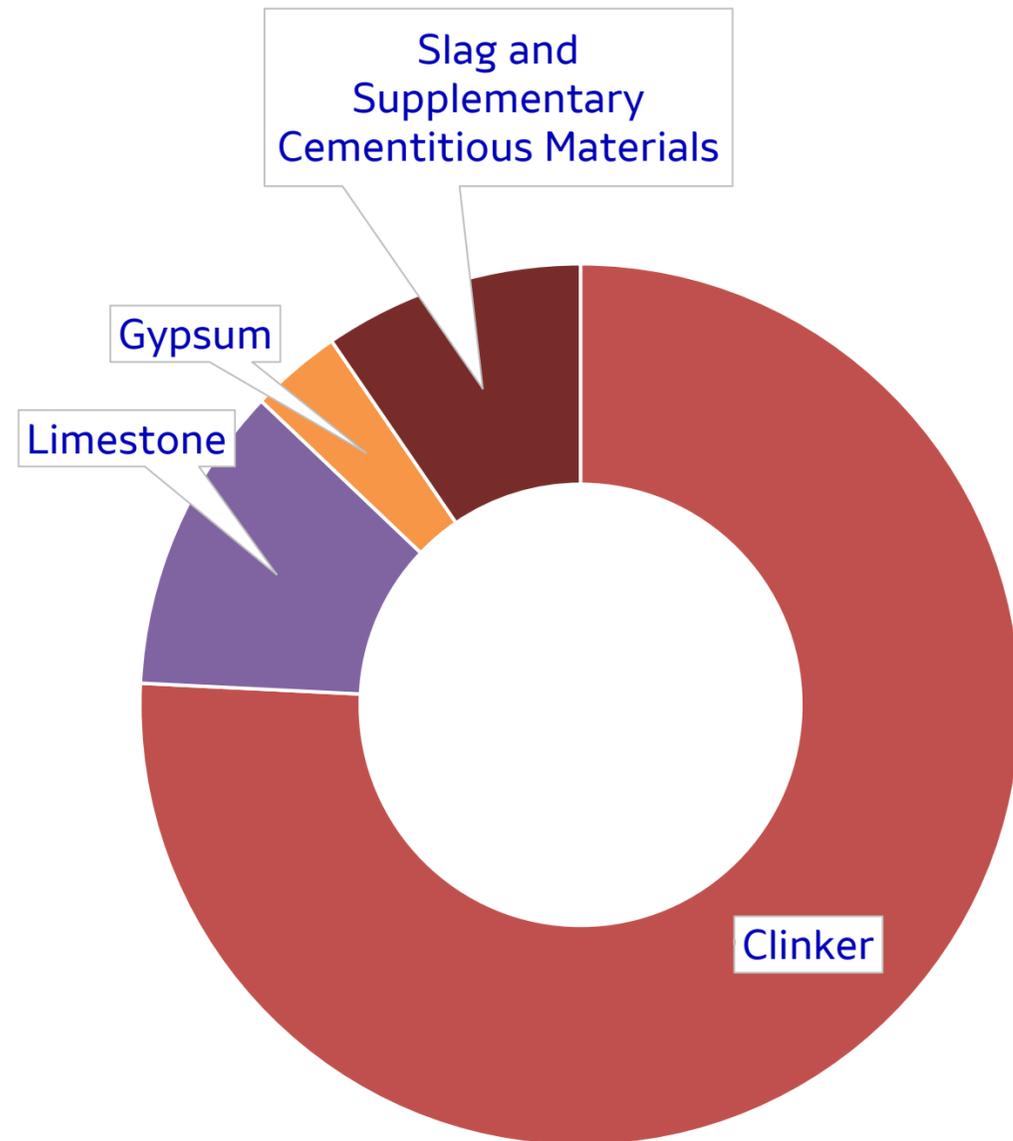
Industrial Byproduct Materials



Silica

- Reacts with the calcium in limestone to form the crystals that give cement its strength.
- Approximately 29 suppliers for St Marys Cement.
- Silica is typically sourced from foundry sand operations
 - Sand Casting - https://www.youtube.com/watch?v=v1q_gC4NUQ8

Supplementary Cementitious Materials



Supplementary Cementitious Materials

Limestone - Used to reduce clinker requirement thereby reducing CO₂ / cement

Gypsum - Allows time for mixing, transporting, and placing concrete. Regulates the stiffening of the product, reduces heat from the reaction, and improves strength and durability of the product.

Supplementary Cementitious Materials

- Byproducts such as slag (from steel production), silica fume, pozzolans, and calcined clay can be used as cement additives.
- Depending on the type of additive the strength and permeability of concrete is altered thereby affecting the type of cement created.
- By increasing the amount of SCMs that are added to the product the amount of clinker is reduced, thereby reducing the overall CO₂ per ton of cementitious material created.

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

June 5, 2026 – 10:00am
September 10, 2026 – 6:00pm
December 4, 2026 – 10:00am

Spring Safety Tips

- 1 Spring clean your workstation to eliminate trip hazards.
- 2 Upgrade worn out PPE that you have from the winter months.
- 3 Keep an umbrella in your car, work bag, or purse at all times.
- 4 Make sure your windshield wipers are in good condition.
- 5 Bring a reusable water bottle to work and stay hydrated.