

Community Liaison Committee Meeting #54

Tuesday, September 16th, 2025





ALGOMA
— STEEL INC. —

Building Better Lives and a Greener Future

Safety • Teamwork • Integrity • Caring

With every decision, every action, every day, we will work safely with teamwork, integrity and deep care for our people, their families and the environment.

Agenda

1. Review of June 3, 2025 Meeting Notes
2. Membership Items
3. Cokemaking Emissions Performance
4. Review 2025 Second Quarterly Report – Ambient Air Quality Monitoring Program
5. TAGA Report Review
6. Electric Arc Steelmaking and Environmental Permit Applications
7. Legacy Environmental Action Plan
8. Community Engagement
9. Next Meetings

Membership

Current Members and Alternates

Representation

Algoma Steel

MECP

Public

Public

SSM Tribe of Chippewa Indians

Algoma Public Health

Chippewa County Health Dept.

Batchewana First Nation

Garden River First Nation

City of Sault Ste. Marie

United Steel Workers Local 2251

St. Mary's River RAP Coordinator

Primary Member

Corey Jackson

Lori Jalak

David Trowbridge

Jillian Marquis

Isaac McKechnie

Melissa Francella

Steve Carey

Dan Sayers Jr.

Richard Perrault

Carl Rumiel

Dean Law

Lisa Derickx

Alternate

Nick Nogalo

Rick Lalonde

Anton Schoahs

TBD

Robert Schulte

Lauren Febbraro

Suzanne Lieurance

TBD

Maggie McAuley

TBD

Cokemaking Emissions Performance

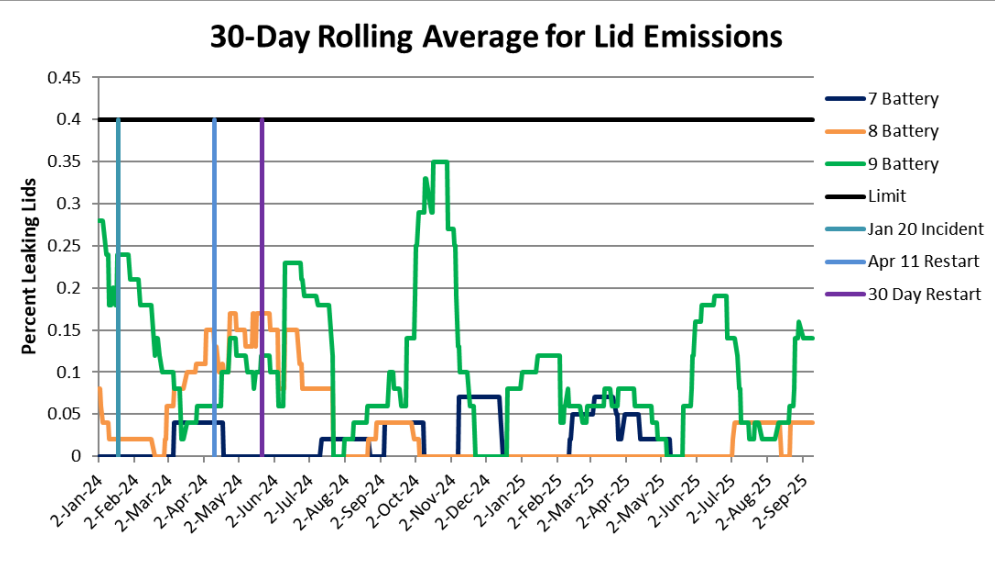
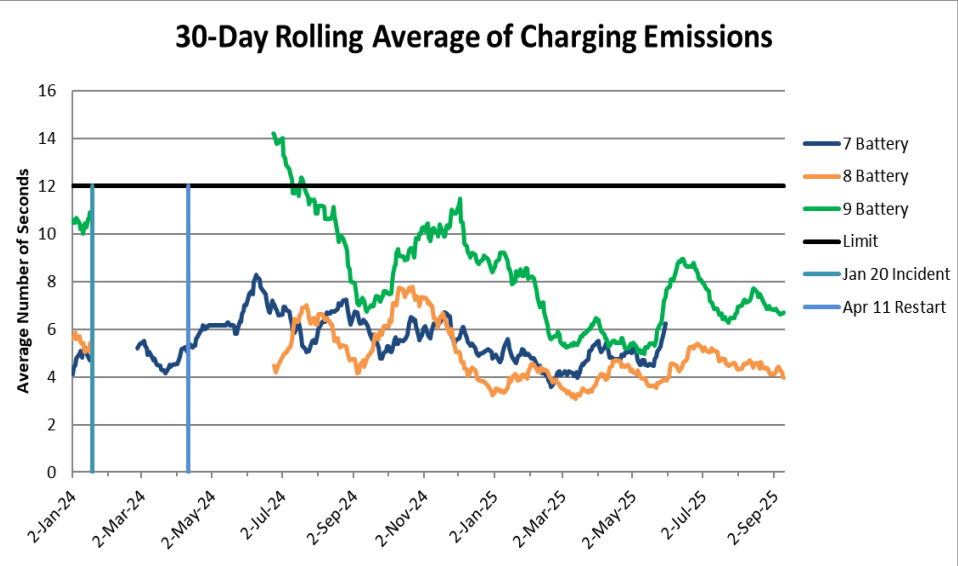
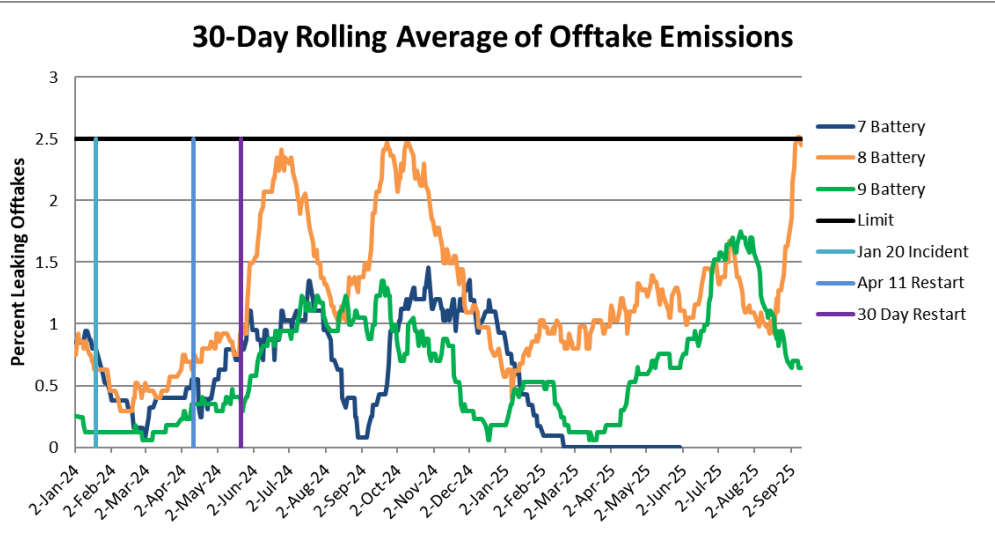
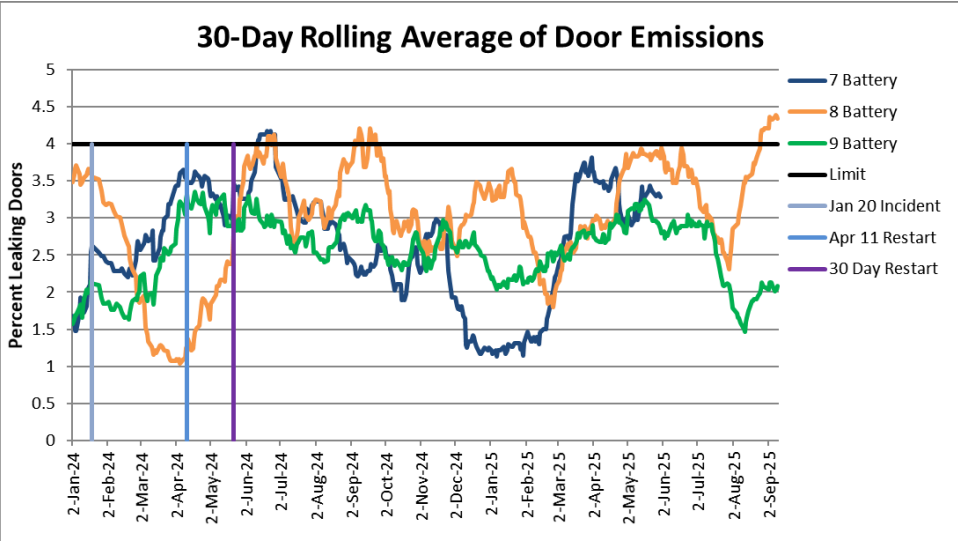
Key Performance Indicators related to Cokemaking Emissions:

- average intensity of pushing emissions
- average duration of charging emissions
- % lid leaks
- % off-takes leaks
- % door leaks
- Performance is monitored and calculated daily for each battery

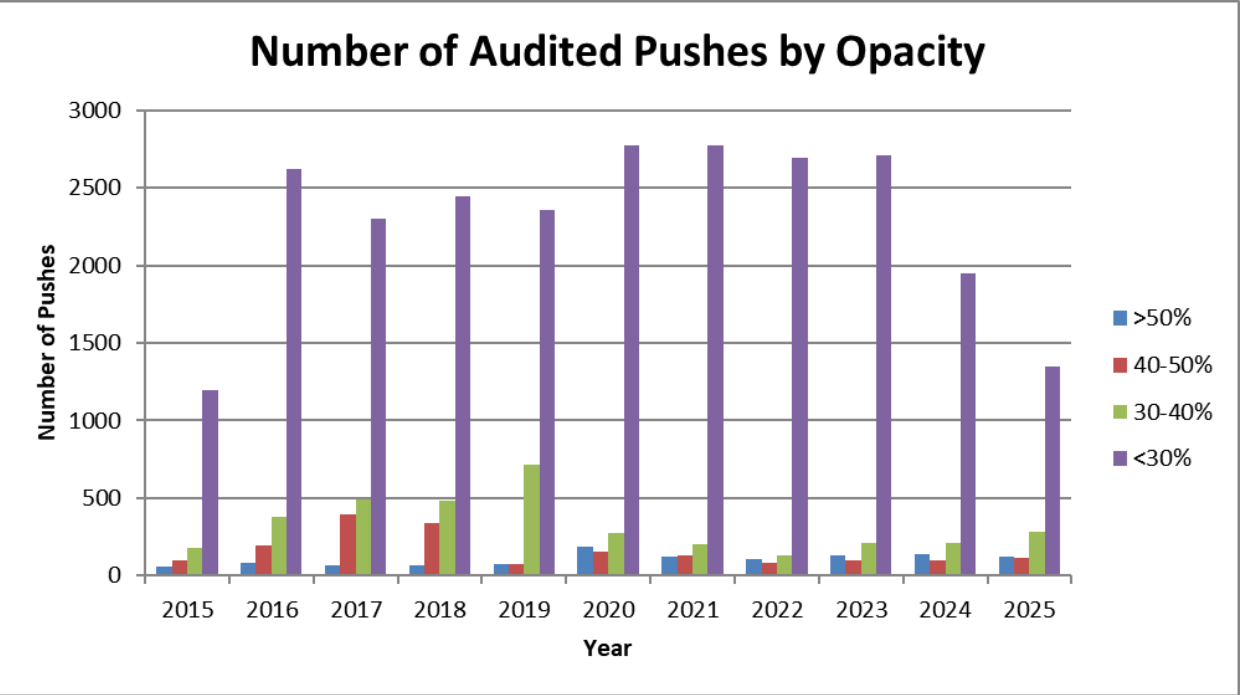
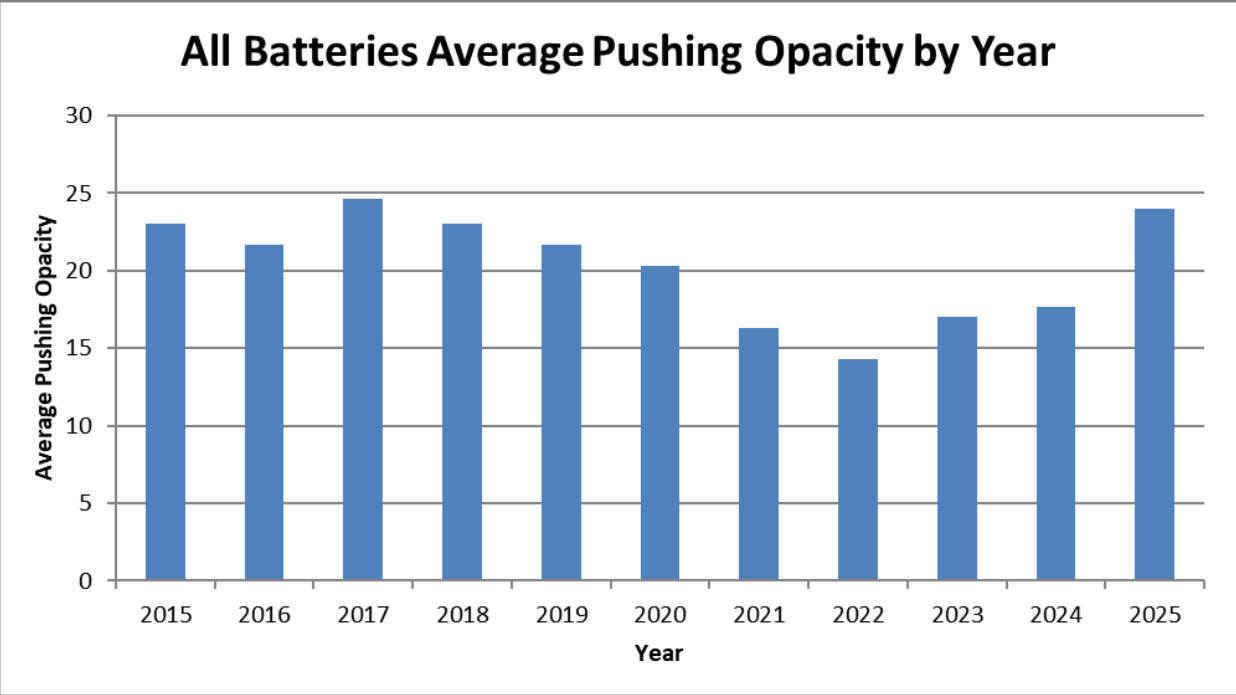
Progressive Annual Reduction

| 30 Day Rolling Average % | | | | | |
|----------------------------|----------|------------|------------|--------------------|---------------------|
| Implementation Date | Doors | Lids | Off-takes | Charging Emissions | Pushing Opacity (%) |
| July 2, 2015 | 38 | 0.8 | 25 | 12 sec | 50 |
| Jan. 1, 2016 | 22.5 | 0.8 | 15 | 12 sec | 50 |
| Jan. 1, 2017 | 7 | 0.8 | 4.2 | 12 sec | 50 |
| Jan. 1, 2019 | 7 | 0.8 | 4.2 | 12 sec | 40 |
| Jan. 1, 2020 onward | 4 | 0.4 | 2.5 | 12 sec | 30 |

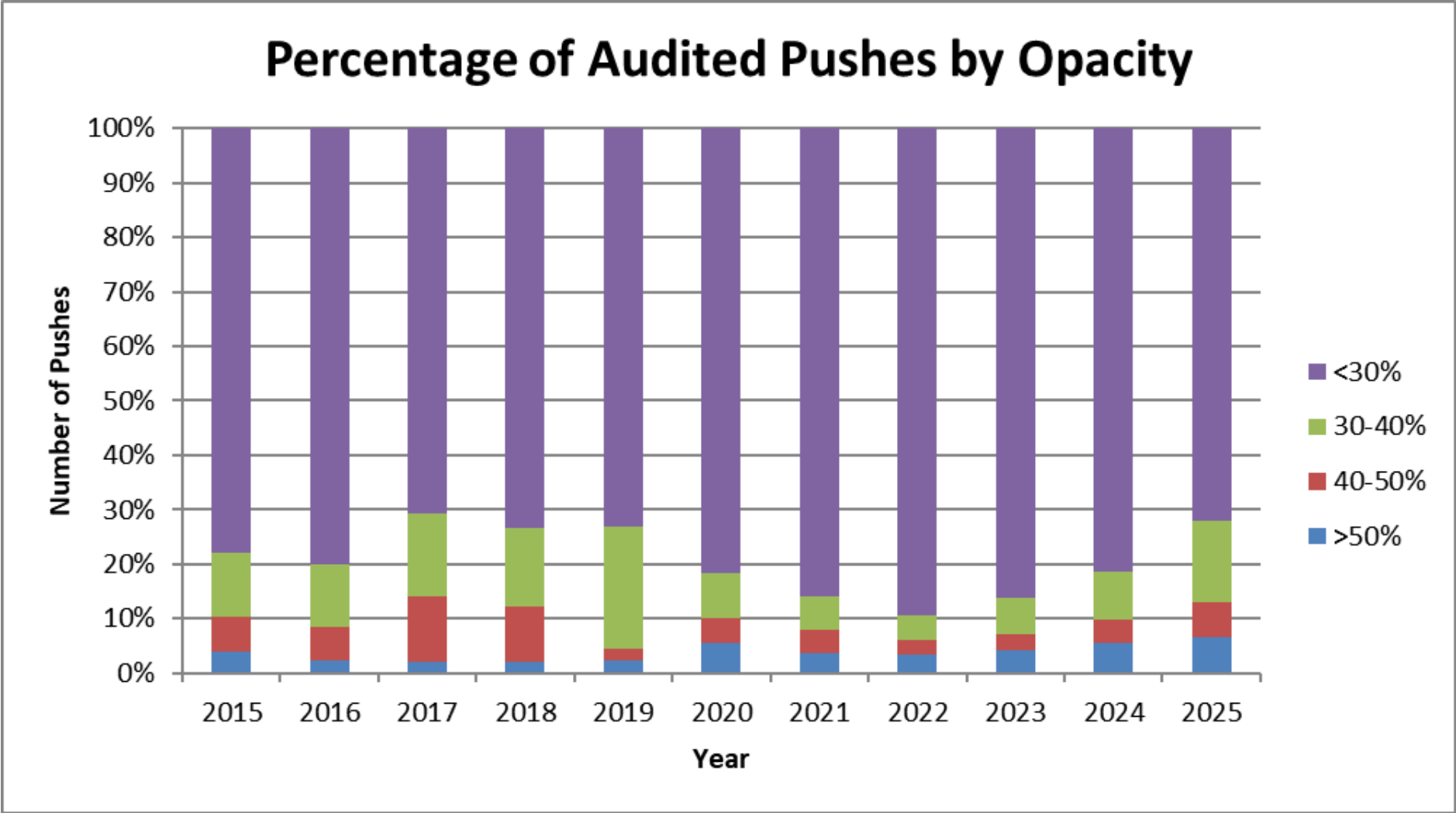
Cokemaking Emissions Performance



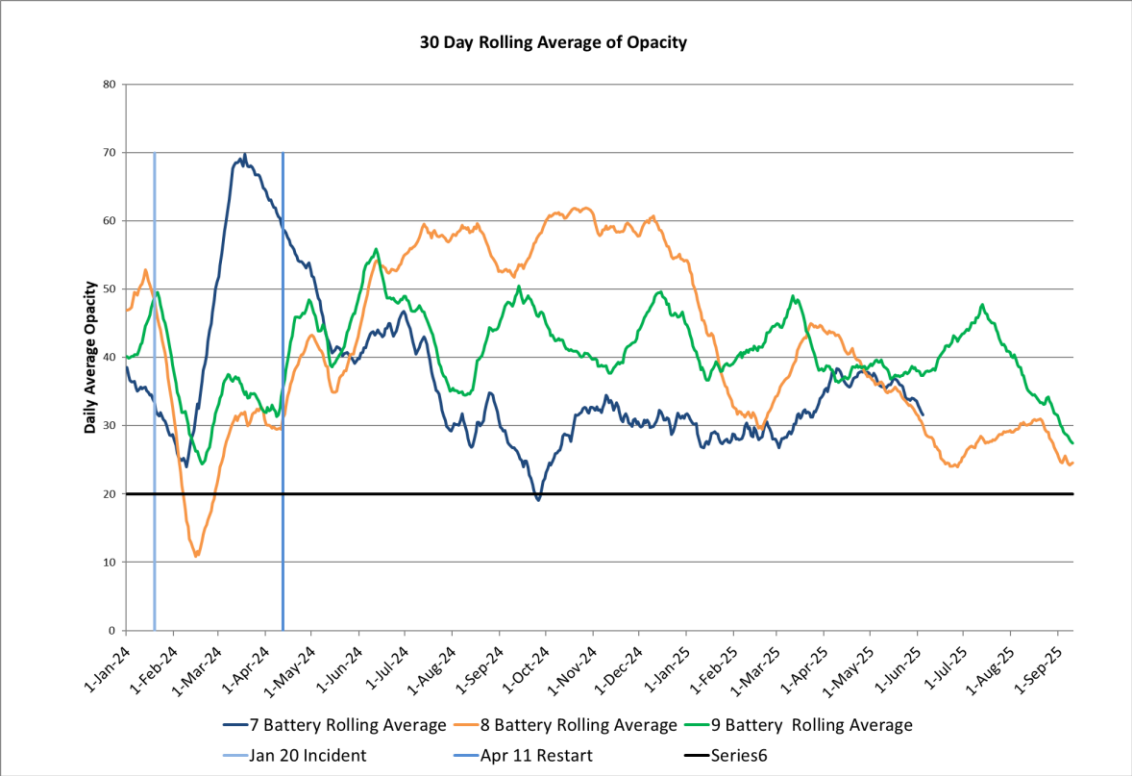
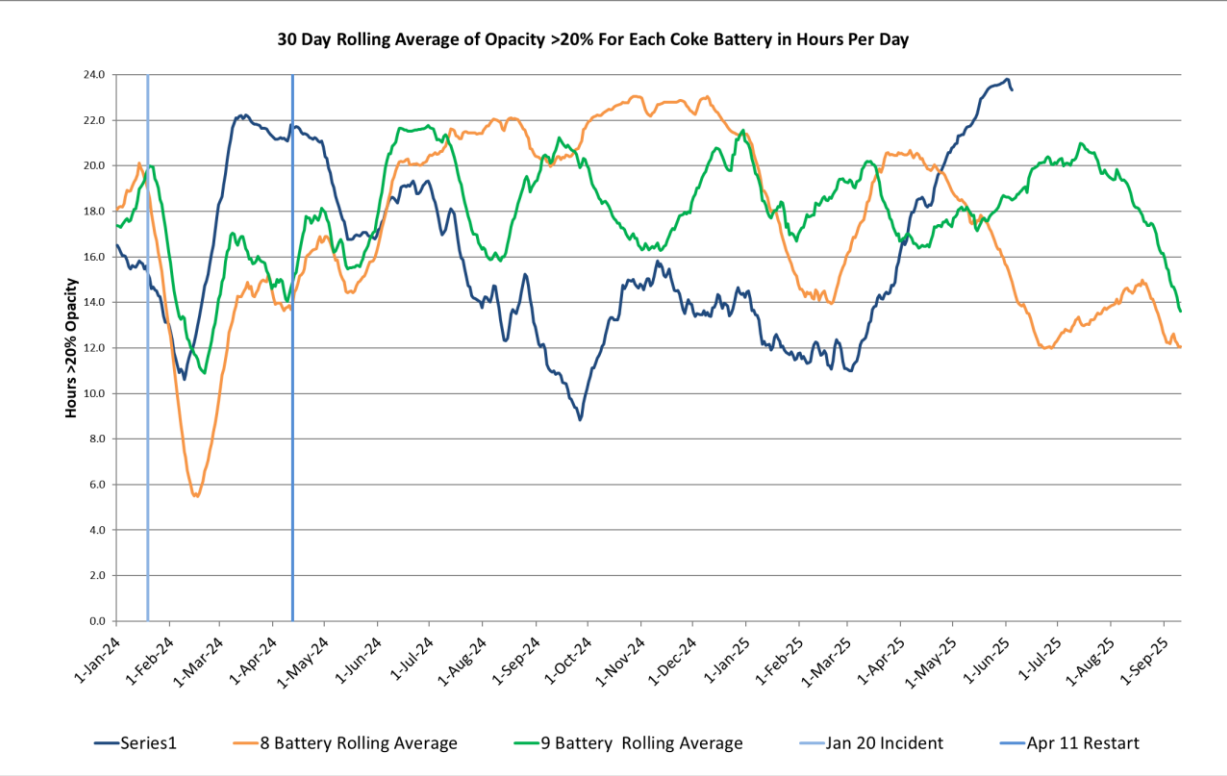
Cokemaking Emissions Performance



Cokemaking Emissions Performance



Cokemaking Stack Opacity



2025 Second Quarter Report – Ambient Air Quality Monitoring Program

| Bonney Street Station (71042) | | | | | | | |
|--|-------------------|--|---------|-----------------------------|---------------------------------|----------------------|-------------------------------------|
| Parameter | Units | Maximum | Minimum | Arithmetic Mean (Quarterly) | Standard | Number of Excursions | Guideline, AAQC Criteria |
| Continuous Parameters (Quarterly) | | | | | | | |
| Total Reduced Sulphur (TRS) - 24 hour | ppb | 8.41 | 0 | 1.33 | 5 ppb (24-hour) | 7 | 5 ppb (24-hour) |
| Total Reduced Sulphur (TRS) - 10 minute | ppb | 37.6 | 0 | 1.76 | 10 ppb (10-minute) | 327 | 10 ppb (10-minute) |
| Sulfur Dioxide (SO2) – 10 minute | ppb | 167.6 | 0 | 2.5 | 67 ppb (10-minute) | 17 | 67 ppb (10-minute) |
| Sulfur Dioxide (SO2) – 1 hour | ppb | 70.8 | 0 | 2.5 | 40 ppb (1-hour) | 59 | 40 ppb (1-hour) |
| Sulfur Dioxide (SO2) – 24 hour | ppb | 22.5 | 0 | 22.5 | 100 ppb (24-hour) | 0 | 100 ppb (24-hour) |
| Particulate Matter less than 10 microns (PM ₁₀) – 24 Hour | µg/m ³ | 364.0 | 5.44 | 61.2 | N/A | 56 | 50 µg/m ³ (AAQC 24-hour) |
| Particulate Matter less than 2.5 microns (PM _{2.5}) – 24 Hour | µg/m ³ | 76.0 | 1.34 | 15.47 | N/A | 14 | 27 µg/m ³ (AAQC 24-hour) |
| Non-Continuous Parameters (Quarterly) | | | | | | | |
| Total Suspended Particulate (TSP) | µg/m ³ | 357 | 25.5 | 176 | 120 µg/m ³ (24-hour) | 10 | 120 µg/m ³ (24-hour) |
| Total Suspended Particulate Manganese | µg/m ³ | 1.97 | 0.1 | 0.57 | 0.4 µg/m ³ (24-hour) | 8 | 0.4 µg/m ³ (24-hour) |
| Total Suspended Particulate Ferric Oxide | µg/m ³ | 31.5 | 1.3 | 13.7 | 25 µg/m ³ (24-hour) | 3 | 25 µg/m ³ (24-hour) |
| Total Suspended Particulate Metals (TSP Metals except Manganese, Ferric Oxide) | µg/m ³ | Various Parameters - No Excursions to Report | | | | | |
| Volatile Organic Compounds (for VOCs except Benzene) | µg/m ³ | Various Parameters – No Excursions to Report | | | | | |
| Volatile Organic Compounds (Benzene) | µg/m ³ | 3.19 | <MDL | 1.07 | 0.45 (Annual) | 1 | 2.3 µg/m ³ (24-hour) |
| Poly-cyclic Aromatic Hydrocarbons (Benzo(a)pyrene) | ng/m ³ | 8.1 | 0.1 | 2.0 | 0.01 ng/m ³ (Annual) | 8 | 0.05 ng/m ³ (24-hour) |

2025 Second Quarter Report – Ambient Air Quality Monitoring Program

| Fourth Avenue – David Kyle Park Station (71082) | | | | | | | |
|---|-------------------|--|---------|-----------------------------|---------------------------------|----------------------|-------------------------------------|
| Parameter | Units | Maximum | Minimum | Arithmetic Mean (Quarterly) | Standard | Number of Excursions | Guideline, AAQC Criteria |
| Continuous Parameters (Quarterly) | | | | | | | |
| Total Reduced Sulphur (TRS) – 24 hour | ppb | 5.39 | 0 | 0.87 | 5 ppb (24-hour) | 2 | 5 ppb (24-hour) |
| Total Reduced Sulphur (TRS) – 10 minute | ppb | 9.87 | 0 | 0.63 | 10 ppb (10-minute) | 0 | 10 ppb (10-minute) |
| Sulfur Dioxide (SO2) – 10 minute | ppb | 71.4 | 0 | 0.35 | 67 ppb (10-minute) | 2 | 67 ppb (10-minute) |
| Sulfur Dioxide (SO2) – 1 hour | ppb | 50.8 | 0 | 0.35 | 40 ppb (1-hour) | 30 | 40 ppb (1-hour) |
| Sulfur Dioxide (SO2) – 24 hour | ppb | 12.25 | 0 | 12.25 | 100 ppb (24-hour) | 0 | 100 ppb (24-hour) |
| Particulate Matter less than 10 microns (PM ₁₀) – 24 hour | µg/m ³ | 135.0 | 2.39 | 28.6 | N/A | 27 | 50 µg/m ³ (24-hour) |
| Particulate Matter less than 2.5 microns (PM _{2.5}) – 24 Hour | µg/m ³ | 61.0 | 0.65 | 10.03 | N/A | 6 | 27 µg/m ³ (AAQC 24-hour) |
| Non-Continuous Parameters (Quarterly) | | | | | | | |
| Parameter | Units | Maximum | Minimum | Arithmetic Mean (Quarterly) | Standard | Number of Excursions | Guideline, AAQC Criteria |
| Total Suspended Particulate (TSP) | µg/m ³ | 130 | 7.5 | 25.2 | 120 µg/m ³ (24-hour) | 1 | 120 µg/m ³ (24-hour) |
| Total Suspended Particulate Manganese | µg/m ³ | 0.530 | 0.027 | 0.126 | 0.4 µg/m ³ (24-hour) | 1 | 0.4 µg/m ³ (24-hour) |
| Total Suspended Particulate Metals | µg/m ³ | Various Parameters – No Excursions to Report | | | | | |
| Volatile Organic Compounds (VOCs) except Alpha-Pinene | µg/m ³ | Various Parameters – No Excursions to Report | | | | | |
| Volatile Organic Compounds (Alpha-Pinene) | µg/m ³ | 568.9 | <MDL | 108.46 | N/A | 1 | 270 µg/m ³ (24-hour) |
| Poly-cyclic Aromatic Hydrocarbons (Benzo(a)pyrene) | ng/m ³ | 0.57 | 0.01 | 0.19 | 0.01 ng/m ³ (Annual) | 3 | 0.05 ng/m ³ (24-hour) |

2025 Second Quarter Report – Ambient Air Quality Monitoring Program

| West & Cathcart Station (71083) | | | | | | | |
|---|-------------------|--|---------|-----------------------------|---------------------------------|----------------------|-------------------------------------|
| Parameter | Units | Maximum | Minimum | Arithmetic Mean (Quarterly) | Standard | Number of Excursions | Guideline, AAQC Criteria |
| Continuous Parameters (Quarterly) | | | | | | | |
| Total Reduced Sulphur (TRS) – 24 hour | ppb | 1.67 | 0.2 | 0.68 | 5 ppb (24-hour) | 0 | 5 ppb (24-hour) |
| Total Reduced Sulphur (TRS) – 10 minute | ppb | 12.9 | 0 | 0.63 | 10 ppb (10-minute) | 2 | 10 ppb (10-minute) |
| Sulfur Dioxide (SO ₂) – 10 minute | ppb | 53.4 | 0 | 0.19 | 67 ppb (10-minute) | 0 | 67 ppb (10-minute) |
| Sulfur Dioxide (SO ₂) – 1 hour | ppb | 29.2 | 0 | 0.19 | 40 ppb (1-hour) | 0 | 40 ppb (1-hour) |
| Sulfur Dioxide (SO ₂) – 24 hour | ppb | 9.6 | 0 | 9.6 | 100 ppb (24-hour) | 0 | 100 ppb (24-hour) |
| Particulate Matter less than 10 microns (PM ₁₀) – 24 hour | µg/m ³ | 125.0 | 3.52 | 31.0 | N/A | 18 | 50 µg/m ³ (AAQC 24-hour) |
| Particulate Matter less than 2.5 microns (PM _{2.5}) – 24 Hour | µg/m ³ | 59.9 | 1.35 | 10.09 | N/A | 6 | 27 µg/m ³ (AAQC 24-hour) |
| Non-Continuous Parameters (Quarterly) | | | | | | | |
| Total Suspended Particulate (TSP) | µg/m ³ | 231.0 | 4.1 | 79.9 | 120 µg/m ³ (24-hour) | 2 | 120 µg/m ³ (24-hour) |
| Total Suspended Particulate Manganese | µg/m ³ | 0.683 | 0.023 | 0.241 | 0.4 µg/m ³ (24-hour) | 3 | 0.4 µg/m ³ (24-hour) |
| Total Suspended Particulate Metals (TSP Metals) | µg/m ³ | Various Parameters – No Excursions to Report | | | | | |
| Volatile Organic Compounds | µg/m ³ | Various Parameters - No Excursions to Report | | | | | |
| Poly-cyclic Aromatic Hydrocarbons (Benzo(a)pyrene) | ng/m ³ | 3.08 | 0.005 | 0.90 | 0.01 ng/m ³ (Annual) | 6 | 0.05 ng/m ³ (24-hour) |



ALGOMA
— STEEL INC. —

Building a New Era in Steelmaking



Introducing Algoma Steel's New Era of Sustainable Steel Production

VOLTA

Build a Better Future.
Build with Volta. 



DANIELI

DANIELI

First Steel Production from the New Electric Arc Furnace

A Historic Milestone in a New Era in Sustainable Steelmaking

Date: July 9th, 2025

Power Source: Initially powered by Algoma Steel's Lake Superior Power Facility. We will transition to the Ontario grid, which is 93% non-emitting clean electricity, once full power availability

Emission Impact: ~70% GHG reduction annually once fully EAF producer

Green Steel Brand: All steel produced through our EAFs will carry the Volta name—delivering the same performance our customers rely on, with dramatically lower emissions



EAF Local Economic Impact by the Numbers

53

Local Suppliers Engaged

500

Construction Jobs Created

Project spend as of June 30, 2025

\$881M

\$227M

Community spend as of August 31st, 2025



Algoma Steel's Shrinking Environmental Footprint: Long-Term Advantages of Electric Arc Steelmaking

| GHG EMISSIONS | CO ₂ | Reduction ¹ | % Reduction |
|----------------------------|--------------------------------|--|-------------|
| | CO ₂ /NT PRODUCTION | | |
| | | 3.0mm tonnes | 70% |
| | | 1.33 tonnes | 75% |
| SO _x EMISSIONS | | 4,060 tonnes | 82% |
| NO _x EMISSIONS | | 1,604 tonnes | 52% |
| STACK & FUGITIVE EMISSIONS | | Complete elimination of Stack and Fugitive Emissions | 100% |

- Algoma expected to become one of the leading producers of green steel in North America.
- Improves competitiveness for government spending programs where ESG is a criteria.

- Improves profile with select customers who are similarly ESG focused.
- Improves employee engagement.
- Reduction of greenhouse gas emissions may provide for lower annual repayment on the SIF loan.



Transition to Electric Arc Furnace Steelmaking: Environmental Compliance Approvals

1 Environmental Compliance
Approval 1920-DDDQCS for air and
noise was issued on April 17, 2025.

2 Environmental Compliance Approval
5691-CJJKG54 for industrial sewage was
issued on February 29, 2024.

These environmental compliance approvals cover all of the new equipment related to the EAF transition including both Electric Arc Furnaces, Fume Treatment Plant and Water Treatment Plant.



EAF Air and Noise ECA Conditions

- 1) EAF Source Testing
- 2) Noise Abatement Projects and Acoustic Audits
- 3) Updated Best Management Plan for Fugitive Dust
- 4) Continuation of Ambient Air Quality Monitoring
- 5) Development of a Public Engagement Plan
- 6) Adherence to the Abatement Plan





Alternate Standard Requests

New Standards will govern the operating transition to electric arc steelmaking

- Algoma steel has prepared an Abatement Plan, which has been accepted by the MECP, to bridge the gap until an alternate standard is available under O.Reg. 419. The Abatement Plan is now a part of the EAF Environmental Compliance Approval.
- The Abatement Plan is an evolving emissions management plan which aligns with industry best practices and future requirements of the Industry Technical Standard.
- A separate ERO posting will be issued for the alternative standard when available and an ECA amendment will be required to align with the alternative standard.

Tariff Update & Recent Advocacy Highlights

Algoma Steel continues to face significant challenges from U.S. tariffs. In response, we are strengthening our advocacy, building partnerships, and elevating the voice of Canadian steel:

- Hosted U.S. Consul General Baxter Hunt – discussions on trade, tariffs and imports
- Participated in Made in Canada: Ferries & Rail Summit with Minister Freeland discussing the importance of Canadian-made steel in strengthening domestic supply chains.
- Welcomed Minister Mélanie Joly for EAF site tour
- Our CEO, Michael Garica, joined Premier Ford & Canadian Steel Producers Association at the Council of the Federation Gala to highlight the critical role of steel in building Canada's infrastructure.
- Entered an MoU with Seaspan & Stigterstaal to explore a strategic partnership aimed at reestablishing a domestic steel supply chain



We are proud to share we have been named an **Excellence Awardee** at the 2025 Canadian HR Awards for The Queen's University IRC Award for **Best Learning & Development Strategy!**



Featured on *Rough Seas* Podcast: Algoma Steel's VP of Procurement, Nick Macan

Episode 13 – Sustainable Sovereign Steel

In this insightful episode, Nick shares insights on:

- Why producing steel close to home matters
- The opportunities and challenges of green steel
- How strategic procurement can drive Canada's economic and climate goals

