REPORT

2025 Annual Compliance Reporting

Environmental Compliance Approval Reference Number 5005-CSYL97

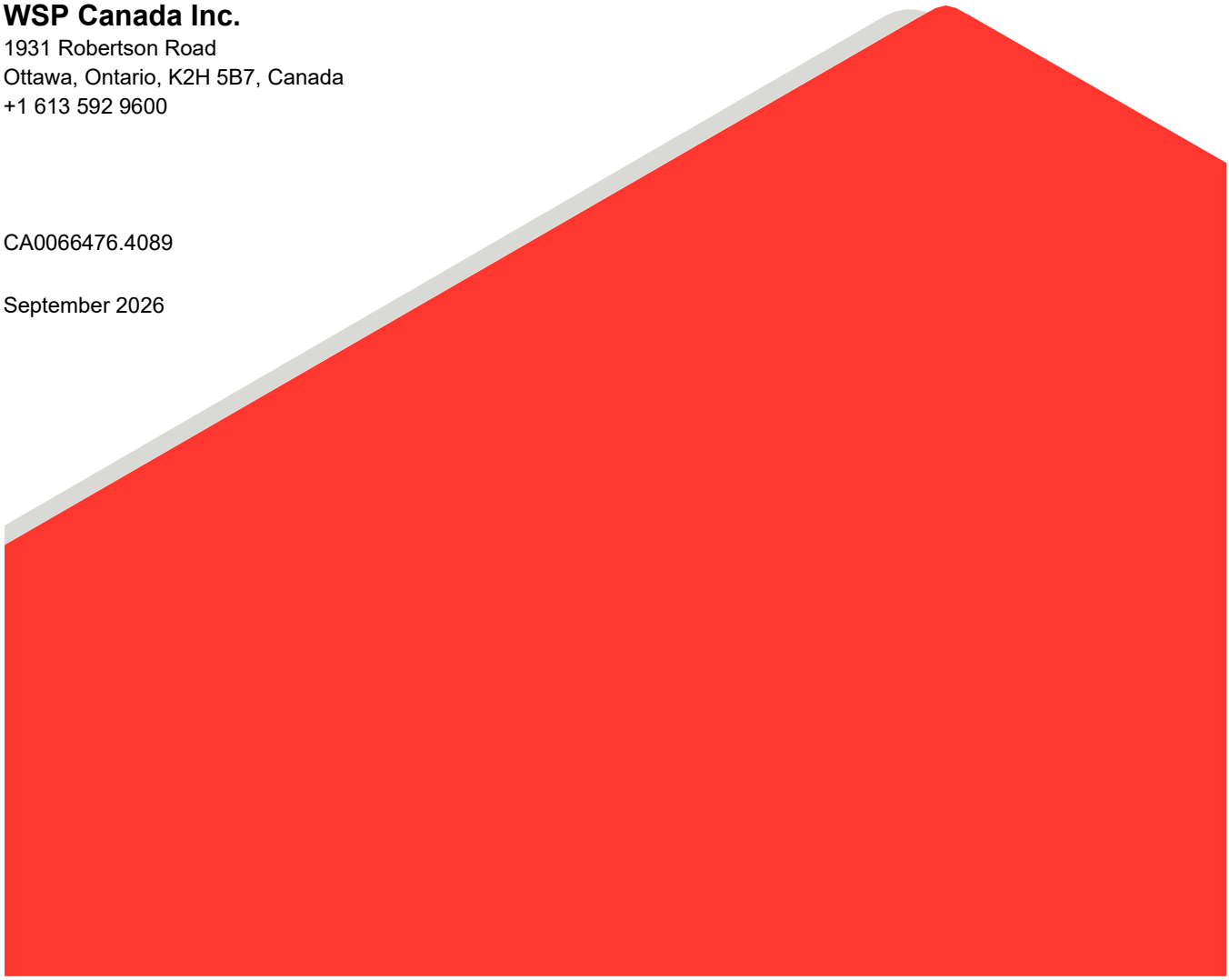
Submitted to:

Heidelberg Materials Canada Limited

1370 Highway 49
Picton, Ontario
K0K 2T0

Submitted by:

WSP Canada Inc.
1931 Robertson Road
Ottawa, Ontario, K2H 5B7, Canada
+1 613 592 9600



CA0066476.4089

September 2026

Distribution List

Electronic Copy - Heidelberg Materials Canada Limited

Electronic Copy - WSP Canada Inc.

Table of Contents

1.0 INTRODUCTION **1**

2.0 ECA CONDITION 16.1(A): COMPLIANCE STATEMENT **1**

3.0 ECA CONDITION 16.1(B): EMISSIONS SUMMARY TABLE AND ACOUSTIC ASSESSMENT SUMMARY TABLE **1**

4.0 ECA CONDITION 16.1(C): CLINKER AND CEMENT PRODUCTION **2**

5.0 ECA CONDITION 16.1(D): ALCF FEED RATE AND WEIGHT PERCENTAGE **2**

6.0 ECA CONDITION 16.1(E): ALCF THERMAL REPLACEMENT OF CONVENTIONAL FUELS **2**

7.0 ECA CONDITION 16.1(F): ALCF CEM, CPM, SOURCE TESTING AND CARBON DIOXIDE EMMISIONS INTENSITY TESTING **2**

8.0 ECA CONDITION 16.1(G): SUMMARY OF OPERATIONAL EVENTS THAT MAY HAVE NEGATIVELY IMPACTED THE ENVIRONMENT **2**

9.0 ECA CONDITION 16.1(H): SUMMARY OF COMPLAINTS **2**

10.0 LIMITATIONS **3**

11.0 CLOSURE **3**

TABLES

Table 1: 2025 Clinker and Cement Production 2

ATTACHMENTS

ATTACHMENT 1
Compliance and Performance Limit Signed Statement

ATTACHMENT 2
Emissions Summary Tables

ATTACHMENT 3
Acoustic Assessment Summary Table

ATTACHMENT 4
Summary of Operational Events that May Have Negatively Impacted the Environment

1.0 INTRODUCTION

Heidelberg Materials Canada Limited (Heidelberg) was issued Amended Environmental Compliance Approval for Air & Noise (ECA) No. 5005-CSYL97 with Limited Operational Flexibility on May 30, 2024. The ECA approves the operation of the Heidelberg facility (the Facility) and provides Limited Operational Flexibility (LOF) until May 30, 2034.

As outlined in Condition 16.1 of the ECA, Heidelberg is required to prepare and submit by August 30 of each year to the District Manager, an Annual Report summarizing the operation of the Facility, covering the previous calendar year. For the 2025 reporting year, Heidelberg requested an extension from the MECP District Manager to September 30, 2026, to allow the Annual Report to reflect administrative and process controls implemented during 2026.

The Annual Report shall include, as a minimum, the following information:

a) A statement of whether the Facility was in compliance with this Approval, including compliance with the Performance Limits;

b) The Emission Summary Table and Acoustic Assessment Summary Table for the Facility as of December 31 from the previous calendar year;

c) Clinker and cement production in tonnes per year;

d) Maximum daily feed rate and average daily feed rate of ALCF and Conventional Fuels in the cement kiln for each month of the preceding calendar year, and the weight percentage of each category of ALCF, as approved by this Approval, of the total monthly ALCF used.

e) Maximum and average percent thermal replacement of Conventional Fuels by combined ALCF for each month;

f) A Summary of data from CEM Systems, CPM Systems, Source Testing and Carbon Dioxide Emission Intensity testing and status of compliance with the Performance Limits and the ALCF operational requirements;

g) A Summary of dates, duration and reasons for any operational events, that may have negatively impacted the quality of the environment and corrective measures taken to address these impacts; and,

h) Details of environmental complaints including a summary of complaints received, causes of complaints and action taken to avoid the recurrence of similar incidents.

2.0 ECA CONDITION 16.1(A): COMPLIANCE STATEMENT

Attachment 1 provides a statement confirming the Facility was in compliance with the ECA, including compliance with the Performance Limits in 2025 with the exception of Conditions 4(1) and 4(9) for which a s.28 notification was provided to the Ministry of the Environment, Conservation and Parks along with an abatement plan for sulphur dioxide.

3.0 ECA CONDITION 16.1(B): EMISSIONS SUMMARY TABLE AND ACOUSTIC ASSESSMENT SUMMARY TABLE

The Emissions Summary Tables for both normal and transitional operating conditions for operations at the Facility as of December 31, 2025, are included in Attachment 2.

The Acoustic Assessment Summary Table for operations at the Facility as of December 31, 2025, is included as Attachment 3.

4.0 ECA CONDITION 16.1(C): CLINKER AND CEMENT PRODUCTION

The amount of clinker and cement produced at the Facility in 2025 is summarized in Table 1 below:

Table 1: 2025 Clinker and Cement Production

Product	Value	Unit
Clinker	568,690	Tonnes
Cement	661,746	Tonnes

5.0 ECA CONDITION 16.1(D): ALCF FEED RATE AND WEIGHT PERCENTAGE

Not applicable as the Facility has not co-fired the kiln with Alternative Low-Carbon Fuels (ALCF) as of December 31, 2025.

6.0 ECA CONDITION 16.1(E): ALCF THERMAL REPLACEMENT OF CONVENTIONAL FUELS

Not applicable as the Facility has not co-fired the kiln with Alternative Low-Carbon Fuels (ALCF) as of December 31, 2025.

7.0 ECA CONDITION 16.1(F): ALCF CEM, CPM, SOURCE TESTING AND CARBON DIOXIDE EMMISIONS INTENSITY TESTING

Not applicable as the Facility has not co-fired the kiln with Alternative Low-Carbon Fuels (ALCF) as of December 31, 2025.

8.0 ECA CONDITION 16.1(G): SUMMARY OF OPERATIONAL EVENTS THAT MAY HAVE NEGATIVELY IMPACTED THE ENVIRONMENT

Attachment 4 provides a table that summarizes the operational events that may have negatively impacted the quality of the environment, and the corrective measure take to address these impacts.

9.0 ECA CONDITION 16.1(H): SUMMARY OF COMPLAINTS

Based on information provided by facility personnel, no complaints were received during the 2025 operating year. Accordingly, no corrective actions related to complaints were necessary during the reporting period.

10.0 LIMITATIONS

This Annual Compliance Report was prepared to fulfill the requirements of Condition 16.1 of ECA No. 5005-CSYL97. It is for the exclusive use of Heidelberg and is intended to fulfil the documentation and reporting requirements as stated in the Facility's ECA. The report is based on the ESDM Report and Acoustic Assessment Report dated June 2026 prepared by WSP Canada Inc.; and discussions with Heidelberg about Facility operations in 2025.

No assurances are made by WSP Canada Inc. regarding changes in Facility conditions and operational practices subsequent to submission of this report to the District Manager. Any use of this document or the observations, conclusions or recommendations provided in this report by any person other than Heidelberg and the other above-mentioned persons is at the sole risk of such user.

The report was developed by WSP Canada Inc. using data and information received from Heidelberg. In evaluating the Facility, WSP Canada Inc. has relied in good faith on information provided by others and the regulatory authorities. WSP Canada Inc. accepts no responsibility for any deficiency, misstatements, or inaccuracies contained in this report as a result of omissions, misinterpretations or fraudulent acts of the persons involved.

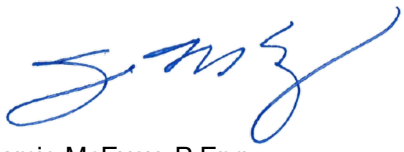
11.0 CLOSURE

We trust that the information presented in this report meets your requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

WSP Canada Inc.



Jeff Zywicki, B.Sc.Eng
Senior Air Quality Scientist



Jamie McEvoy, P.Eng
Senior Technical Manager – Air Quality and Greenhouse Gases

ML/LK/JDM/lb

ATTACHMENT 1

Compliance and Performance Limit Signed Statement

Heidelberg Materials Canada Limited
Picton Plant
PO Box 620
Picton ON K0K 2T0
Phone (613) 476-3233
www.heidelbergmaterials.com

September 29th, 2026

Ministry of Environment, Conservation and Parks
Director, Environmental Assessment and Permissions Branch
135 St. Clair Avenue West, 1st Floor
Toronto ON, M4V1L5

Re: Written Summary and Compliance Reporting for Reporting Year 2025
Environmental Compliance Approval
Number 5005-CSYL97

This is to confirm that the Heidelberg Materials Canada Limited Facility located at 1370 Highway 49 in Picton, Ontario operated in compliance with Condition 4(1) and the conditions and performance limits, with the exception to Condition 4(9), set forth in our Environmental Compliance Approval (ECA) with Limited Operational Flexibility (LOF) as noted below throughout 2025.

Opacity events were the result of operational incidents related to various equipment issues (e.g., gas flame loss and power failures), which were corrected forthwith. Focus on maintenance and improvements to dust control systems continue on an annual basis.

An SO2 event occurred as a result of an issue with the dry sorbent emissions control system during commissioning. This issue was corrected forthwith, which lead to the Facility returning to compliance with the ECA Performance Limits. Following development of an updated compliance model and a corresponding retroactive review, additional SO2 events were identified. Updates to emissions control processes and procedures have been implemented to achieve compliance.

The submission of this letter satisfies Conditions 6.1 and 16.1.a of the above noted ECA.

Sincerely,

Dan Miller
Environmental Manager
Picton Cement Plant
Cc: MECP Kingston District Office

ATTACHMENT 2

Emissions Summary Tables

Table 5a
Emission Summary Table
Operations as of December 31, 2025

Contaminant	CAS No.	Total Facility Emission Rate [g/s]	Air Dispersion Model Used [1]	Maximum POI Concentration [µg/m³]	Averaging Period	MECP POI Limit [µg/m³]	Limiting Effect	Schedule	Source	Benchmark	Percentage of MECP Limit [%]	Model Run Name	Notes	Version of ACB List [2]
Acenaphthylene	208-96-8	2.67E-03	AERMOD	9.34E-04	24	0.1	—	—	De Minimus	—	Below De Minimus	Unit Run		
Aluminum	7429-90-5	5.89E-01	AERMOD	1.20E+00	24	12	Health	Sch. 3	SL-JSL	B2	Below B2	Unit Run		v3
Ammonia	7664-41-7	6.90E+00	AERMOD	2.42E+00	24	100	Health	Sch. 3	Standard	B1	2%	Unit Run	URT - Note 8, Table 4	v3
Ammonium	14798-03-9	4.89E+00	AERMOD	1.00E+01	24	14.5	—	—	Previously Approved MAXGLC	—	Below Previously Approved MaxGLC	Unit Run		
Benzaldehyde	100-52-7	1.09E-03	AERMOD	2.22E-03	24	2	Health	Sch. 3	SL-JSL	B2	Below B2	Unit Run		v3
Benzene	71-43-2	7.25E-02	AERMOD	2.78E-03	Annual	0.45	Health	Sch. 3	Standard	B1	<1%	Unit Run	Note 7, Table 2, 3, URT - Note 8, Table 4	v3
Benzene	71-43-2	7.25E-02	AERMOD	2.55E-02	24	100	—	Sch. 6	DAV	—	Below DAV	Unit Run	Note 7, Table 2, 3, URT - Note 8, Table 4	v3
Benzene	71-43-2	7.25E-02	AERMOD	2.78E-03	Annual	4.5	—	—	AAV	—	Below AAV	Unit Run	Note 7, Table 2, 3, URT - Note 8, Table 4	v3
Benzo(a)pyrene	50-32-8	2.90E-06	AERMOD	1.72E-07	Annual	0.00001	Health	Sch. 3	Standard	B1	2%	Unit Run	Notes 6, 7, Table 2, 3, URT - Note 8, Table 4	v3
Benzo(a)pyrene	50-32-8	2.90E-06	AERMOD	1.77E-06	24	0.005	—	Sch. 6	DAV	—	Below DAV	Unit Run	Notes 6, 7, Table 2, 3, URT - Note 8, Table 4	v3
Benzo(a)pyrene	50-32-8	2.90E-06	AERMOD	1.72E-07	Annual	0.0001	—	—	AAV	—	Below AAV	Unit Run	Notes 6, 7, Table 2, 3, URT - Note 8, Table 4	v3
Beryllium	7440-41-7	1.30E-05	AERMOD	8.14E-06	24	0.01	Health	Sch. 3	Standard	B1	<1%	Unit Run		v3
C3 benzenes	N/A-10	1.18E-04	AERMOD	2.41E-04	24	0.1	—	—	De Minimus	—	Below De Minimus	Unit Run		
C4 benzenes	N/A-11	2.72E-04	AERMOD	5.56E-04	24	0.1	—	—	De Minimus	—	Below De Minimus	Unit Run		
Cadmium	7440-43-9	2.92E-05	AERMOD	1.23E-05	24	0.025	Health	Sch. 3	Standard	B1	<1%	Unit Run	URT - Note 8, Table 4	v3
Calcium Oxide	1305-78-8	5.44E+00	AERMOD	1.80E+00	24	10	Corrosion	Sch. 3	Standard	B1	18%	Calcium Oxide		v3
Carbon Dioxide	124-38-9	8.15E+04	AERMOD	1.43E+05	24	255800	Health	Sch. 3	SL-PA	B2	Below B2	Carbon Dioxide		v3
Carbon Monoxide	630-08-0	1.28E+02	AERMOD	1.62E+02	⅛	6000	Health	Sch. 3	Standard	B1	3%	Carbon Monoxide	Note 17	v3
Chloride	N/A-5	1.54E+01	AERMOD	5.16E+00	24	5.176	—	—	Previously Approved MAXGLC	—	Below Previously Approved MAXGLC	Chloride		
Chromium	7440-47-3	6.58E-04	AERMOD	4.55E-04	24	0.5	Health	Sch. 3	Standard	B1	<1%	Unit Run	Note 22, URT - Note 8, Table 4	v3
Cobalt	7440-48-4	9.69E-05	AERMOD	8.09E-05	24	0.1	Health	Sch. 3	Guideline	B1	<1%	Unit Run		v3
Crystalline Silica	14808-60-7	1.72E+00	AERMOD	2.91E+00	24	5	Health	Sch. 3	Guideline	B1	58%	Crystalline Silica		v3
Dioxins and Furans (TEQ)	N/A	1.87E-09	AERMOD	6.60E-10	24	0.0000001	Health	Sch. 3	Standard	B1	<1%	Dioxins and Furans (TEQ)	Note 21, 30, Table 1, URT - Note 8, Table 4	v3
Fluoranthene	206-44-0	1.99E-04	AERMOD	7.01E-05	24	0.1	—	—	De Minimus	—	Below De Minimus	Unit Run		
Fluorene	86-73-7	4.26E-04	AERMOD	1.50E-04	24	0.1	—	—	De Minimus	—	Below De Minimus	Unit Run		
Hydrogen chloride	7647-01-0	1.51E-01	AERMOD	5.61E-02	24	20	Health	Sch. 3	Standard	B1	<1%	Hydrogen chloride	URT - Note 8, Table 4	v3
Hydrogen Cyanide	74-90-8	4.03E-01	AERMOD	1.41E-01	24	8	Health	Sch. 3	Standard	B1	2%	Unit Run	URT - Note 8, Table 4	v3
Hydrogen Fluoride	7664-39-3	2.57E-02	AERMOD	2.69E-02	24	1.72	Vegetation	Sch. 3	Standard	B1	2%	Unit Run	Notes 10, 24	v3
Hydrogen Fluoride	7664-39-3	2.57E-02	AERMOD	1.05E-02	30-day	0.69	Vegetation	Sch. 3	Standard	B1	2%	Unit Run	Notes 10, 24	v3
Iron	7439-89-6	7.70E-01	AERMOD	1.35E+00	24	4	Health	Sch. 3	Standard	B1	34%	Iron		v3
Lead	7439-92-1	1.92E-03	AERMOD	6.93E-04	24	0.5	Health	Sch. 3	Standard	B1	<1%	Unit Run	Note 10, URT - Note 8, Table 4	v3
Lead	7439-92-1	1.92E-03	AERMOD	2.70E-04	30-day	0.2	Health	Sch. 3	Standard	B1	<1%	Unit Run	Note 10, URT - Note 8, Table 4	v3
Manganese	7439-96-5	1.25E-02	AERMOD	7.00E-02	24	0.4	Health	Sch. 3	Standard	B1	18%	Manganese	URT - Note 8, Table 4	v3
Naphthalene	91-20-3	6.40E-03	AERMOD	2.51E-03	24	22.5	Health / Odour	Sch. 3	Guideline	B1	<1%	Unit Run		
Naphthalene	91-20-3	6.40E-03	AERMOD	2.21E-02	10-min	50	Health / Odour	Sch. 3	Guideline	B1	<1%	Unit Run		
Nickel	7440-02-0	5.51E-04	AERMOD	3.91E-05	Annual	0.04	Health	Sch. 3	Standard	B1	<1%	Unit Run	Note 7, Table 2, 3, URT - Note 8, Table 4	v3
Nickel	7440-02-0	5.51E-04	AERMOD	4.15E-04	24	2	—	Sch. 6	DAV	—	Below DAV	Unit Run	Note 7, Table 2, 3, URT - Note 8, Table 4	v3
Nickel	7440-02-0	5.51E-04	AERMOD	3.91E-05	Annual	0.4	—	—	AAV	—	Below AAV	Unit Run	Note 7, Table 2, 3, URT - Note 8, Table 4	v3
Nitrate	14797-55-8	2.08E-01	AERMOD	4.26E-01	24	0.62	—	—	Previously Approved MAXGLC	—	Below Previously Approved MaxGLC	Unit Run		
Nitrogen Oxides	10102-44-0	1.34E+02	AERMOD	4.36E+01	24	200	Health	Sch. 3	Standard	B1	22%	Nitrogen Oxides	Notes 10, 28	v3
Nitrogen Oxides	10102-44-0	1.34E+02	AERMOD	1.86E+02	1	400	Health	Sch. 3	Standard	B1	46%	Nitrogen Oxides	Notes 10, 28	v3
PCBs	1336-36-3	1.76E-04	AERMOD	6.21E-05	24	0.15	Health	Sch. 3	Guideline	B1	<1%	Unit Run	Note 21	v3
Phenanthrene	85-01-8	9.06E-03	AERMOD	3.17E-03	24	0.1	—	—	De Minimus	—	Below De Minimus	Unit Run		
Phosphorus	7723-14-0	2.32E-02	AERMOD	1.38E-02	24	0.5	Health	Sch. 3	SL-MD	B2	Below B2	Unit Run		v3
Potassium	7440-09-7	8.15E-01	AERMOD	1.67E+00	24	10	Health	Sch. 3	SL-MD	B2	Below B2	Unit Run		v3
Pyrene	129-00-0	9.97E-05	AERMOD	3.52E-05	24	0.1	—	—	De Minimus	—	Below De Minimus	Unit Run		
Silicon	7440-21-3	3.89E-02	AERMOD	1.85E-02	24	27	Health	Sch. 3	SL-PA	B2	Below B2	Unit Run		v3
Sodium	7440-23-5	1.81E+00	AERMOD	3.70E+00	24	5.39	—	—	Previously Approved MAXGLC	—	Below Previously Approved MaxGLC	Unit Run		
Sulfate	14808-79-8	4.69E+00	AERMOD	2.19E+00	24	2.36	—	—	Previously Approved MAXGLC	—	Below Previously Approved MaxGLC	Unit Run		
Sulfur trioxide	7446-11-9	2.23E+00	AERMOD	1.32E+00	24	5	Health	Sch. 3	SL-JSL	B2	Below B2	Sulfur trioxide		v3
Sulphur dioxide	7446-09-5	3.81E+01	AERMOD	1.42E+00	Annual	10	ealth & Vegetatio	Sch. 3	Standard	B1	14%	Sulphur dioxide	Note 10, URT - Note 8, Table 4	v3
Sulphur dioxide	7446-09-5	3.81E+01	AERMOD	5.38E+01	1	100	ealth & Vegetatio	Sch. 3	Standard	B1	54%	Sulphur dioxide	Note 10, URT - Note 8, Table 4	v3
SPM	N/A	2.06E+01	AERMOD	4.64E+01	24	120	Visibility	Sch. 3	Standard	B1	39%	SPM		v3
Thallium	7440-28-0	2.75E-04	AERMOD	9.98E-05	24	0.5	Health	Sch. 3	SL-JSL	B2	Below B2	Unit Run		
Tin	7440-31-5	6.93E-03	AERMOD	4.25E-03	24	10	Health	Sch. 3	Standard	B1	<1%	Unit Run		v3

Notes:

1. AERMOD v.24142 was used for all contaminants
2. v3 = Version 3.0 - April 2023
3. "SL-JSL" = Screening Limit - Jurisdictional Screening Limit, "SL-MD" = Screening Limit - Ministry-derived,"SL-PA" = Screening Limit - Previously Accepted", "URT" = Upper Risk Threshold, "DAV" = Daily Assessment Value, "AAV" = Annual Assessment Value, "Previously Approved MAXGLC" = Previously Approved Limit using the Maximum Ground Level Concentration Assessment submitted with the ECA Amendment.

Made by: VC
Checked by: JJZ

Table 5b
Emission Summary Table
Operations as of December 31, 2025

Contaminant	CAS No.	Total Facility Emission Rate [g/s]	Air Dispersion Model Used (1)	Maximum POI Concentration [µg/m³]	Averaging Period	MECP POI Limit [µg/m³]	Limiting Effect	Schedule	Source	Benchmark	Percentage of MECP Limit [%]	Model Run Name	Notes	Version of ACB List (2)
Carbon Monoxide	630-08-0	1.03E+02	AERMOD	7.58E+02	½	6000	Health	Sch. 3	Standard	B1	13%	Carbon Monoxide	Note 17	v3
Nitrogen Oxides	10102-44-0	2.18E+02	AERMOD	8.02E+01	24	200	Health	Sch. 3	Standard	B1	40%	Nitrogen Oxides	Notes 10, 28	v3
Nitrogen Oxides	10102-44-0	2.18E+02	AERMOD	3.35E+02	1	400	Health	Sch. 3	Standard	B1	84%	Nitrogen Oxides	Notes 10, 28	v3
Sulphur dioxide	7446-09-5	1.42E+02	AERMOD	5.74E+00	Annual	10	Health & Vegetation	Sch. 3	Standard	B1	57%	Sulphur dioxide	Note 10, URT - Note 8, Table 4	v3
Sulphur dioxide	7446-09-5	1.42E+02	AERMOD	2.18E+02	1	100	Health & Vegetation	Sch. 3	Standard	B1	>100%	Sulphur dioxide	Note 10, URT - Note 8, Table 4	v3
SPM	N/A	2.85E+01	AERMOD	4.64E+01	24	120	Visibility	Sch. 3	Standard	B1	39%	SPM		v3

Notes:

1. AERMOD v.24142 was used for all contaminants
2. v3 = Version 3.0 - April 2023
3. A notice of exceedance was issued following an SO_2 spill per Section 28 of O. Reg. 419/05, and in accordance with Section 29 of O. Reg. 419/05 , an abatement plan was submitted to address the incident.

Made by: VC
Checked by: JJZ

ATTACHMENT 3

Acoustic Assessment Summary Table

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Verified by Acoustic Audit	Daytime Performance Limit (dBA)	Evening Performance Limit (dBA)	Night-time Performance Limit (dBA)	Compliance with Performance Limit (Yes/No)
POR003	POR 003 Elmbrook RD #57	41	34	34	No	45	40	40	Yes
POR003A	OPOR 003 Elmbrook RD #57	41	31	31	No	45	40	—	Yes
POR006	M_POR 006 Elmbrook RD #134	40	33	33	No	45	40	40	Yes
POR006A	M_OPOR 006 Elmbrook RD #134	40	32	32	No	45	40	—	Yes
POR016	M_POR 016	41	40	40	No	45	40	40	Yes
POR016A	M_OPOR 016	41	40	40	No	45	40	—	Yes
POR020	M_POR 020	41	38	38	No	45	40	40	Yes
POR020A	M_OPOR 020	40	37	36	No	45	40	—	Yes
POR037	M_POR 037	44	40	40	No	45	40	40	Yes
POR037A	M_OPOR 037	45	40	40	No	45	40	—	Yes
POR044	M_POR 044	42	40	40	No	45	40	40	Yes
POR044A	M_OPOR 044	42	40	40	No	45	40	—	Yes
POR061	M_POR 061	42	40	40	No	45	40	40	Yes
POR061A	M_OPOR 061	42	39	39	No	45	40	—	Yes

ATTACHMENT 4

Summary of Operational Events that May Have Negatively Impacted the Environment

Start Date	Event	SAC Reference #	Incident Reason	Corrective Action
06-Jan-2025	Elevated Opacity	1-FNDY64	O2 Sensor Failure causing precipitator trip	Replaced failed sensor
12-Mar-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
01-Apr-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
01-May-2025	Elevated Opacity	1-06LEU1	Precip Electrical Issue	Issue resolved.
02-May-2025	Elevated Opacity	1-06PJ7I	Plugged cyclone	Cleared System
07-May-2025	Elevated Opacity	1-07P1CO	9 Fan Down – Broken Coupler	Coupler Replaced
09-May-2025	Elevated Opacity	1-087UQU	6 Precip Trip	Electrician Reset
13-May-2025	Elevated Opacity	1-08V926	9 Fan Down	Restart 9 Fan
13-May-2025	Elevated Opacity	1-08UT3P	Loose run contact	Tightened run contact
13-May-2025	Elevated Opacity	1-084V2U	Loose bolt on coil for 9 Fan	Tightened coil bolts
14-May-2025	Elevated Opacity	1-0933PW	9 fan coil issue	Tightened bolts on coil
14-May-2025	Elevated Opacity	1-0933PW	9 fan coil issue caused 9 fan to go down	Tightened bolts on coil
21-May-2025	Elevated Opacity	1-OCTNGF	9 fan electrical issue and precip blown fuses	Shift electrician repaired equipment
21-May-2025	Elevated Opacity	1-OB8KL09	9 fan electrical issue causing precip faults	Shift electrician corrected issue
17-Jun-2025	Elevated Opacity	1-OL00LD	Loesche mills down due to rock hang-up	Restored rock flow and restarted mills
18-Jun-2025	Elevated Opacity	1-OLNUYN	8 mill triple gate fault	Cleared fault
18-Jun-2025	Elevated Opacity	1-OLNUYN	Reject elevator jam causing stoppage	Cleared elevator jam
18-Jun-2025	Elevated Opacity	1-OLOJVH	Overloaded 8 mill and delayed fan response	Cleared mill and restarted
21-Jun-2025	Elevated Opacity	1-OMDALL	Flame failure due to electrical issue	Resolved electrical issue

29-Jun-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
29-Jul-2025	Elevated Opacity	1-99A4L5	Operator issues with Loesche Fan #6	Corrected fan and returned to normal operation
30-Jul-2025	Elevated Opacity	1-PLAYMF	9 mill down, opacity not recognized	Corrected fan and returned to normal operation
08-Aug-2025	Elevated Opacity	1-PAGNMK	4D precipitator fault	Repaired internal short and restored operation
19-Aug-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
24-Aug-2025	Elevated Opacity	1-PEQ4LT	Plugged cyclone and airslide on precip line	Cleared plugs
02-Sep-2025	Elevated Opacity	1-PGBLUD	North conditioning tower not receiving water	Redirected water flow
07-Sep-2025	Elevated Opacity	1-PERLAE	Rocks jammed on belt	Removed jammed rocks
12-Sep-2025	Elevated Opacity	1-PHVM92	Lost auxiliary fuel in backend	Relit fuel system
12-Sep-2025	Elevated Opacity	1-PHVM92	Feed failure causing 9 mill shutdown	Restarted 9 mill
13-Sep-2025	Elevated Opacity	1-PHW861	4D precipitator fault in Loesches	Shift electrician reset equipment
18-Sep-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
08-Oct-2025	Elevated Opacity	1-PLYJU1	Conditioning tower bypass valve not seated	Restored cooling water flow
08-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
17-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
18-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures

19-Oct-2025	Elevated Opacity	1-PNEG7P	5D precipitator fuse blown	Replaced fuse
23-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
24-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
25-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
26-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
27-Oct-2025	Elevated SO2	Direct Report to Ministry	Emissions control issue during system commissioning.	Issue corrected and Abatement Plan Submitted
28-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
30-Oct-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
31-Oct-2025	Elevated Opacity	1-PQ295V	Blown fuse on kiln main drive	Replaced fuse
02-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
03-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
04-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
05-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
06-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
07-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures

08-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
09-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
15-Nov-2025	Elevated Opacity	1-PSCHMF	North fan plugged restricting airflow	Unplugged dampers
22-Nov-2025	Elevated Opacity	1-PTOHRU	Power blip causing fan shutdowns and PLC fault	Inspected and reset PLC
27-Nov-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
28-Nov-2025	Elevated Opacity	1-PUNGUI	Precipitator fault	Electrician reset precipitator
12-Dec-2025	Elevated Opacity	1-PWVMLK	Control program issue	Manual intervention and return to Expert system
14-Dec-2025	Elevated Opacity	1-PWVGP6	9D precipitator fault	Replaced blown fuse
15-Dec-2025	Elevated Opacity	1-PWVUYH	9D precipitator fault, blown fuse	Electrician replaced fuse
15-Dec-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
16-Dec-2025	Elevated Opacity	1-PX935L	Loesche 9D precipitator faults	Shift electrician reset system
16-Dec-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
17-Dec-2025	Elevated Opacity	1-PXEMKF	Fuel switch from coal to gas	System stabilized after fuel switch
20-Dec-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
21-Dec-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures
22-Dec-2025	Elevated SO2	Direct Report to Ministry	Retroactive review using updated Compliance Program	Update of emissions controls and procedures

09-March-2025	Elevated Opacity	1-IJN3LJ	Loesche fan down due to vibration.	Vibration Sensor tightened. Fan restarted.
10-March-2025	Elevated Opacity	1-ILSILT	O2 Sensor Malfunction	Reset Sensor
13-March-2025	Elevated Opacity	1-IXXA5Q	Precipitator shorted	4 Fan cut back and 8 Loesche Mill Shut down.
02-April-2025	Elevated Opacity	1-N79KX6	Main Gas Trip.	Kiln Shut Down.
08-April-2025	Elevated Opacity	1-NDZ8MG	Blown Fuse	Installed new fuse.



wsp.com