

DRAFT AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

Glencore Canada Corporation
2 Longyear Dr
Falconbridge, Ontario
P0M 1S0

Site Location: Sudbury Smelter Complex
Lot 11, Concession 3
Greater Sudbury City, District of Sudbury
P0M 1S0

You are hereby notified that I have amended Approval No. 7530-93ZKPV issued on February 6, 2013 for a nickel-copper smelting facility, under section 20.13 of Part II.1 of the Environmental protection Act, R.S.O. 1990, c. E.19 , as follows:

The following new definitions are added:

- (76) “*O. Reg. 652/21*” means the Ontario Regulation 652/21, Air Pollution – Discharge of Sulphur Dioxide from Nickel Smelting and Refining Facilities in the Sudbury Area;
- (77) “*Secondary Stack*” means the 65 metre stack discharging air emissions from the secondary hooding in the converter aisle and matte granulation process of the *Facility*;

The following new conditions are added:

- 11.4.1 The *Company* shall install, operate and maintain a *CEM System* to continuously monitor and record the concentrations of *Sulphur Dioxide* from the *Secondary Stack*.
- 11.4.2 The *Company* shall submit to the *Technology Standards Manager*, not later than sixty (60) days from the issuance of this amended *Approval*, a detailed continuous emissions monitoring plan for *Sulphur Dioxide* from the *Secondary Stack*. The continuous emissions monitoring plan shall include descriptions of, but not be limited to:

- a. parameters requiring continuous monitoring and measurement range;
- b. sample probe and gas calibration port location(s) and associated flue gas conditions;
- c. sample extraction, transport and conditioning system;
- d. analyzer performance specifications;
- e. relative accuracy and reference method for test audit;
- f. performance indicators and monitoring frequency;
- g. communication protocol(s) and corrective action(s) regarding malfunctions;
- h. preventative maintenance and spare parts;
- i. service contractor and staff responsibilities including training;
- j. QA/QC procedures and relevant operating and maintenance procedures as applicable;
- k. data acquisition system; and
- l. data verification procedures.

11.4.3 The *Company* shall finalize the continuous emissions monitoring plan in consultation with the *Technology Standards Manager* and shall ensure that the *CEM System* for *Sulphur Dioxide* from the *Secondary Stack* is installed, operated and maintained in accordance with the continuous emissions monitoring plan, not later than six (6) months after the *Technology Standards Manager* has approved the continuous emissions monitoring plan.

13.1(c) iv health interpretation of the *Real Time Data*, that describes the potential health impacts of the ground level concentrations at each location measured by the *Sudbury Monitoring System*.

The following new conditions are added to Schedule “D”:

- 4.3 For each of the five-minute *Sulphur Dioxide* readings at or above 0.25 ppm and 0.5 ppm identified in Condition 4.1, the *Company* shall also include the following information regarding each episode:
- (a) the primary source of the emissions; and
 - (b) the primary cause of the episode.

Table 1 of Schedule “D” is revoked and replaced by the following Table 1

Contaminant	Contaminant Chemical System Abstract No.	Applicable Dates	Measured level	Averaging Period
<i>Sulphur Dioxide</i>	7446-09-05	From January 1, 2022	331 µg/m ³ (0.120 ppm)	1 hour

The reason for this amendment to the *Approval* is as follows:

The revised conditions under this amendment are being included to support *O. Reg. 652/21* with improved monitoring, health risk interpretation and public communication to enhance transparency in the local community.

This Notice shall constitute part of the approval issued under Approval No. 7530-93ZKPV dated February 6, 2013.

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the *Environmental Protection Act* provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act*, a hearing may not be available with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

and

The Director appointed for the purposes of Part II.1
of the *Environmental Protection Act*
Ministry of the Environment, Conservation and
Parks
135 St. Clair Avenue West, 1st Floor

OLT.Registrar@ontario.ca

Toronto, Ontario
M4V 1P5

* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act*.

DATED AT TORONTO this

DRAFT

Signature

....., P.Eng.

Director

Section

SA/

c: District Manager, MECP Sudbury
Manager, Local Air Quality Permits, EAPD, MECP