

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 8-1009-83-006

Notice No. 4

Issue Date: October 5, 2026

Suncor Energy Inc. and 1277136 Alberta Ltd. as general partners operating as
Suncor Energy Products Partnership
1900 River Rd
Post Office Box, No. 307
Sarnia, Ontario
N7T 7J3

Site Location: Suncor Sarnia Refinery
1900 River Rd
Sarnia City, County of Lambton

You are hereby notified that I have amended Approval No. 8-1009-83-006 issued on October 3, 1983 for a Flare Stack , as follows:

the modification of the existing Main Plant Flare (05FL004) with a new Flare Gas Recovery Unit (FGRU) to:

reduce the emissions from the Main Plant Flare by capturing all process gas that are directed to the Main Plant Flare during normal operations;

increase capacity and online availability at the Main Plant Flare;

reduce maintenance and outage related flaring; and

improve process safety, as well as ensure compliance during normal operations.

The Flare Gas Recovery Unit consisting of the following equipment:

liquid seal drum;

two (2) liquid ring compressors that provides gas compression;

two (2) three-phase service liquid separator that separates recovered vapour phase from a mixed liquid service;

liquid cooler, fin-fan exchanger, velocity seal insert;

a new tube bundle that is designed for a two-compressor system;

supporting piping on existing flare tip and instruments; and

Facility fuel gas distribution system that delivers the compressed recovered flare gas back to the system.

all in accordance with the Environmental Compliance Approval Application, dated December 15, 2025, signed by Scott Odolphy and submitted by the Company; and Emission Summary and Dispersion Modelling Report, prepared by Ryan Hutchings, Montrose Environmental Solutions Canada Inc. and Dated December 10, 2025 and an email update provided by Bill Bradshaw, Onterris on July 09, 2026; as well as the Acoustic Assessment Report prepared by HGC Engineering, dated December 18, 2025 and signed by Harry Ao Cai, MEng, P.Eng.

The following Definitions are revoked:

10. "Noise Abatement Action Plan" means a noise abatement program developed by the Company to achieve compliance with the sound level limits set in Publication NPC-205 and/or Publication NPC-232, as applicable.
12. "Noise Report" means the Environmental Acoustical Assessment Report, Suncor Energy Products Flare Gas Recovery Project, prepared by HGC Engineering, dated December 8, 2006, revised July 30, 2007.
13. "Noise Performance Limits" means the performance limits specified in the section of this Certificate titled Noise Performance Limits.
14. "Publication NPC-205" means the Ministry Publication NPC-205, "Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban)", October, 1995.
15. "Publication NPC-232" means the Ministry Publication NPC-232, "Sound Level Limits for Stationary Sources in Class 3 Areas (Rural)", October, 1995.

and replaced by the following:

1. "Acoustic Audit" means an investigative procedure consisting of measurements and/or acoustic modelling of all sources of noise emissions due to the operation of the Facility, assessed to determine compliance with the Performance Limits for the Facility regarding noise emissions, completed in accordance with the procedures set in Publication NPC-103 and reported in accordance with Publication NPC-233;
2. "Acoustic Audit Report" means a report presenting the results of an Acoustic Audit, prepared in accordance with Publication NPC-233;
3. "Approval" means this entire Environmental Compliance Approval and any Schedules to it;
4. "Independent Acoustical Consultant" means an Acoustical Consultant who is not representing the Company and was not involved in preparing the Acoustic Assessment Report or the design/implementation of Noise Control Measures for the Facility and/or Equipment. The Independent Acoustical Consultant shall not be retained by the Acoustical Consultant involved in the noise impact assessment or the design/implementation of Noise Control Measures for the Facility and/or Equipment;
5. "Publication NPC-103" means the Ministry Publication NPC-103 of the Model

Municipal Noise Control By-Law, Final Report, August 1978, published by the Ministry, as amended.

6. "Publication NPC-300" means the Ministry Publication NPC-300, " Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013, as amended.

The following Conditions are revoked:

NOISE PERFORMANCE LIMITS

2. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits set out in Ministry Publication NPC-205 or Publication NPC-232, as applicable.

and replaced by the following:

2. NOISE

1. The Company shall:

- a) implement, not later than twenty (20) years from the date of this Approval, the Noise Control Measures as outlined in the Acoustic Assessment Report;
- b) ensure, subsequent to the implementation of the proposed Noise Control Measures, that the noise emissions from the Facility comply with the limits set in Ministry Publication NPC-300; and
- c) properly maintain the Noise Control Measures ensuring that they continue to meet the acoustical performance outlined in the Acoustic Assessment Report.

4. ACOUSTIC AUDIT

1. The Company shall carry out Acoustic Audit measurements on the actual noise emissions due to the operation of the Facility. The Company:

- a) shall carry out Acoustic Audit measurements in accordance with the procedures in Publication NPC-103;

b) shall submit an Acoustic Audit Report on the results of the Acoustic Audit, prepared by an Independent Acoustical Consultant, in accordance with the requirements of Publication NPC-233, to the District Manager and the Director, not later than twelve (12) months after the full implementation of the Noise Control Measures.

2. The Director:

a) may not accept the results of the Acoustic Audit if the requirements of Publication NPC-233 were not followed;

b) may require the Company to repeat the Acoustic Audit if the results of the Acoustic Audit are found unacceptable to the Director.

The following Reason is added:

4. Condition No. 4 is included to require the *Company* to gather accurate information and submit an *Acoustic Audit Report* in accordance with procedures set in the *Ministry's* noise guidelines, so that the environmental impact and subsequent compliance with this *Approval* can be verified.

All other Terms and Conditions remain the same.

This Notice shall constitute part of the approval issued under Approval No. 8-1009-83-006 dated October 3, 1983.

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land Tribunal and in accordance with Section 47 of the *Environmental Bill of Rights*, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") 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 required 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
OLT.Registrar@ontario.ca

and

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

and

The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment, Conservation
and Parks
40 St. Clair Avenue West, 2nd Floor
Toronto, Ontario
M4V 1M2

*** 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**

This instrument is subject to Section 38 of the *Environmental Bill of Rights*, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

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

DATED AT TORONTO this 5th day of October, 2026

Nancy E Orpana, P.Eng.

Director

appointed for the purposes of Part II.1 of the
Environmental Protection Act

BS/

c: District Manager, MECP Sarnia

Bill Bradshaw, Montrose Environmental Solutions Canada Inc.