

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 6254-9LVQ3V

Notice No. 7

Issue Date: July 27, 2026

Imperial Oil Limited
602 Christina St South
Sarnia, Ontario
N7T 7M5

Site Location: 602 Christina Street South
Sarnia City, County of Lambton

You are hereby notified that I have amended Approval No. 6254-9LVQ3V issued on October 15, 2015 for a hydrocarbon and chemical products manufacturing facility , as follows:

The production limits listed in Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025 are removed and replaced with the following:

including the *Equipment* and any other ancillary and support processes and activities, operating at a *Facility Production Limit* of up to 7,255 million litres of crude oils, 463 million litres of lubricant oils, 86,000 tonnes of elemental sulphur, 150,000 tonnes of hydrocarbon fluids (speciality solvents), 200,000 tonnes of propylene, 223 million litres of benzene, 142 million litres of toluene, 91 million litres of xylene, 525,000 tonnes of polyethylene resin, 550 tonnes of reactor catalyst and 550 tonnes of catalyst base material per year with emissions exhausting to the atmosphere as described in the *ESDM Report*.

The definition of "Equipment with Specific Operational Limits" in Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025 is removed and replaced with the following:

"Equipment with Specific Operational Limits" means all *Equipment* listed in Schedule "B", including incinerators F-3300 and F-3301, gas turbine generator GTG, heat recovery steam generator HRSG, SPEC dock thermal oxidizer, Area 3 benzene rail

loading rack thermal oxidizer, TK4023 Degassing Thermal Oxidizer, TK4023 Floating Thermal Oxidizer, Marine Loading VCU, Rail Car Loading VCU, Area 3 VCU, ARIS Vents and TK4111 Thermal Oxidizer, Temporary Thermal Oxidizer, Wet Gas Scrubber and any *Equipment* related to the thermal oxidation of waste or waste derived fuels, fume incinerators or any other *Equipment* that is specifically referenced in any published *Ministry* document that outlines specific operational guidance that must be considered by the *Director* in issuing an *Approval*.

The following definitions are to be added to Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025:

"Manager" means the Manager, Technology Standards Section, Standards Development Branch, or any other person who represents and carries out the duties of the Manager, as those duties relate to the conditions of this Approval;

"Pre-Test Information" means the information outlined in Section 1 of the *Source Testing Code*;

"Source Testing" means sampling and testing to measure emissions resulting from the operation of the Wet Gas Scrubber and to measure emissions from the CO Boiler stack under process conditions which yield the worst case emissions of *Test Contaminants* and satisfies paragraph 1 of subsection 11(1) of O. Reg. 419/05;

"Source Testing Code" means the Ontario Source Testing Code, dated June 2010, prepared by the Ministry, as amended;

"Test Contaminants" means the contaminants set out in Schedule D attached to this Approval;

"Wet Gas Scrubber" means the Wet Gas Scrubber as described in Schedule "B".

all other definitions in the *Approval* remain unchanged.

The following Terms and Conditions are to be added to Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025:

14. OPERATION OF WET GAS SCRUBBER

1. The *Company* shall not operate the *Wet Gas Scrubber* unless any discharge of sewage from the *Wet Gas Scrubber*, including sewage containing sodium sulphate, is managed in accordance with an industrial sewage works Environmental Compliance Approval.

15. SOURCE TESTING

1. The *Company* shall:
 - a. perform *Source Testing* within nine (9) months of completion of commissioning the *Wet Gas Scrubber* to determine the emission rates of the *Test Contaminants* outlined in Schedule D from the *Wet Gas Scrubber* stack; and
 - b. perform *Source Testing* within nine (9) months of completion of commissioning the *Wet Gas Scrubber* to determine the emission rates of the *Test Contaminants* outlined in Schedule D from the CO Boiler stack;
2. For every *Source Testing*, the *Company* shall submit, three (3) months prior to the *Source Testing*, to the *Manager* a test protocol, including the *Pre-Test Information* for the *Source Testing* required by the *Source Testing Code*. The *Company* shall finalize the test protocol in consultation with the *Manager*.
3. For every *Source Testing*, the *Company* shall not commence the *Source Testing* until the *Manager* has accepted the test protocol.
4. For every *Source Testing*, the *Company* shall notify the *Manager* in writing of the location, date and time of any impending *Source Testing* required by this *Approval*, at least fifteen (15) days prior to each *Source Testing*.
5. For every *Source Testing*, the *Company* shall submit a report on each round of *Source Testing* to the *Manager* not later than three (3) months after completing the *Source Testing*. The report shall be in the format described in the *Source Testing Code*, and shall also include, but not be limited to:
 - a. an executive summary;
 - b. procedures followed during the *Source Testing* and any deviation from the proposed test protocol and the reasons therefore;

- c. an overview of processes at the *Facility*;
 - d. records of the operating conditions during *Source Testing* including any information required by the *Manager* to determine if the measurements taken are an accurate reflection of concentrations of contaminants, including measurement of operating parameters during testing that are required to determine the concentration of the *Test Contaminants*;
 - e. results of *Wet Gas Scrubber Source Testing* and CO Boiler *Source Testing* indicating the emission concentration of *Test Contaminants*;
 - f. operating parameter measurements for the *Source Testing* shown in a way that correlates the data with the corresponding average measured *Test Contaminant* emission concentration and corresponding operating condition.
6. For every *Source Testing*, if the *Source Testing* does not meet the following requirements, the *Company* shall re-test in accordance with Condition No. 15:
- a. the *Source Testing Code* and/or the test protocol were not followed; or
 - b. the *Company* did not notify the *Manager* of the *Source Testing*; or
 - c. the *Company* failed to provide a complete report on the *Source Testing* in accordance with Condition No. 15.5 of this *Approval*.

all other Terms and Conditions in the *Approval* remain unchanged.

The description of "Sulphur Recovery and Tail Gas Clean Up Unit" and "Temporary Thermal Oxidizer" in "Schedule B Equipment with Specific Operational Limits" in Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025 are removed and replaced with the following:

Sulphur Recovery and Tail Gas Clean Up Unit

- two (2) sulphur recovery units having a combined capacity of recovering up to 86 kilotonnes per year of elemental sulphur, equipped with a Tail Gas Clean Up Unit consisting of a hydrogenation reactor, a quench tower, an absorption tower and a regeneration tower

using

amine solution. The scrubbed gases from the absorber are normally directed to the incinerator

F-3300 prior to discharging into the atmosphere via the CO Boiler stack;

Temporary Thermal Oxidizer

- propane or natural gas fired thermal oxidizers to be brought to the Site as required, having a maximum heat input of 21.1 gigajoules per hour (20,000,000 british thermal units per hour);

The following equipment is added to "Schedule B Equipment with Specific Operational Limits" in Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025:

Wet Gas Scrubber

- a *Wet Gas Scrubber* to control sulphur dioxide emissions from the fluid coker / CO Boiler and sulphur recovery unit during Tail Gas Cleaning Unit planned outages, exhausting into the atmosphere at a volumetric flow rate of 143.5 cubic metres per second, via a stack having an exit diameter of 3.5 metres, extending 73.5 metres above grade;

all other equipment listed in Schedule "B" remain unchanged.

The following Schedule is to be added to Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025:

SCHEDULE "D"

Test Contaminants for Wet Gas Scrubber Stack:

1. Sulphur Dioxide
2. Sulphuric Acid

Test Contaminants for CO Boiler Stack:

1. Sulphur Dioxide

2. Suspended Particulate Matter

all other Schedules remain unchanged.

The following Reasons are added to Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024, Notice No.3 issued October 25, 2024, Notice No.4 issued March 25, 2025, Notice No.5 issued August 21, 2025 and Notice No.6 issued December 23, 2025:

10. MONITORING PLAN

Condition No. 12 is included to prevent an adverse effect resulting from the operation of the *Facility*.

11. PUBLIC ENGAGEMENT

Condition No. 13 is included to require the *Company* to properly address environmental issues that may arise from the operation of the *Facility* and to minimize the impact on the environment.

12. OPERATION OF WET GAS SCRUBBER

Condition No. 14 is included to require the *Company* to properly address environmental issues that may arise from the operation of the *Facility* and to minimize the impact on the environment.

13. SOURCE TESTING

Condition No. 15 is included to require the *Company* to gather accurate information so that the environmental impact and subsequent compliance with the *EPA*, the regulations and this *Approval* can be verified.

all other Reasons remain unchanged.

All in accordance with the Environmental Compliance Approval application dated February 17, 2026 and signed by Lisa Desantis, the Emission Summary and Dispersion Modelling Report dated February 17, 2026, prepared by Alliance Technical Group North, Inc., the email sent by Ibrahim Syed dated April 12, 2026 and May 15, 2026 and the Acoustic Assessment Report dated September 18, 2025, prepared by Mervyn Choy/Hatch Ltd.

This Notice shall constitute part of Approval No. 6254-9LVQ3V dated October 15,

2015.

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
135 St. Clair Avenue West, 1st Floor
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**

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 27th day of July, 2026

Nancy E Orpana, P.Eng.

Director

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

MS/

c: District Manager, MECP Sarnia

Andrew McLeod, Imperial Oil Limited