



O. Reg. 530/18: Air Pollution – Discharge of Sulphur Dioxide from Petroleum Facilities Before 2029

Sulphur Dioxide Discharged on June 11, 2026

Nanticoke Refinery, Imperial Oil

August 10, 2026

Introduction

This report is being made pursuant to subsection 6(4) of O. Reg 530/18, and provides a public posting of the amount of sulphur dioxide (SO₂) discharged from acid gas combustion equipment at Imperial Oil's Nanticoke Refinery when the sulphur recovery unit failed to operate in a normal manner on June 11, 2026.

The table below provides the hourly SO₂ discharged on June 11, 2026 and the rolling preceding 24-hour sum of SO₂ discharged.

Hour Start	Hour End	SO ₂ discharged (kg/hr)	Rolling preceding 24 hr sum of SO ₂ discharged (kg)
Jun 11, 10:00 AM	Jun 11, 11:00 AM	1,194	1,194
Jun 11, 11:00 AM	Jun 11, 12:00 PM	2,892	4,086
Jun 11, 12:00 PM	Jun 11, 1:00 PM	3,800	7,886
Jun 11, 1:00 PM	Jun 11, 2:00 PM	3,819	11,705
Jun 11, 2:00 PM	Jun 11, 3:00 PM	3,810	15,514
Jun 11, 3:00 PM	Jun 11, 4:00 PM	3,678	19,192
Jun 11, 4:00 PM	Jun 11, 5:00 PM	1,250	20,442
Jun 11, 5:00 PM	Jun 11, 6:00 PM	355	20,797
Jun 11, 6:00 PM	Jun 11, 7:00 PM	0	20,797
Jun 11, 7:00 PM	Jun 11, 8:00 PM	0	20,797
Jun 11, 8:00 PM	Jun 11, 9:00 PM	0	20,797
Jun 11, 9:00 PM	Jun 11, 10:00 PM	0	20,797
Jun 11, 10:00 PM	Jun 11, 11:00 PM	0	20,797
Jun 11, 11:00 PM	Jun 12, 12:00 AM	0	20,797
Jun 12, 12:00 AM	Jun 12, 1:00 AM	0	20,797
Jun 12, 1:00 AM	Jun 12, 2:00 AM	0	20,797
Jun 12, 2:00 AM	Jun 12, 3:00 AM	0	20,797
Jun 12, 3:00 AM	Jun 12, 4:00 AM	0	20,797
Jun 12, 4:00 AM	Jun 12, 5:00 AM	0	20,797
Jun 12, 5:00 AM	Jun 12, 6:00 AM	0	20,797
Jun 12, 6:00 AM	Jun 12, 7:00 AM	0	20,797

Jun 12, 7:00 AM	Jun 12, 8:00 AM	0	20,797
Jun 12, 8:00 AM	Jun 12, 9:00 AM	0	20,797
Jun 12, 9:00 AM	Jun 12, 10:00 AM	0	20,797
Jun 12, 10:00 AM	Jun 12, 11:00 AM	0	19,603
Jun 12, 11:00 AM	Jun 12, 12:00 PM	0	16,711
Jun 12, 12:00 PM	Jun 12, 1:00 PM	0	12,911
Jun 12, 1:00 PM	Jun 12, 2:00 PM	0	9,093
Jun 12, 2:00 PM	Jun 12, 3:00 PM	0	5,283
Jun 12, 3:00 PM	Jun 12, 4:00 PM	0	1,605
Jun 12, 4:00 PM	Jun 12, 5:00 PM	0	355
Jun 12, 5:00 PM	Jun 12, 6:00 PM	0	0
Jun 12, 6:00 PM	Jun 12, 7:00 PM	0	0
Jun 12, 7:00 PM	Jun 12, 8:00 PM	0	0