



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

Sulphur Dioxide Discharged on January 6, 2026

Nanticoke Refinery, Imperial Oil

March 5, 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 January 6, 2026.

The table below provides the hourly SO₂ discharged on January 6, 2026 and the rolling preceding 24-hour sum of SO₂ discharged.

Hour Start	Hour End	SO2 discharged (kg/hr)	Rolling preceding 24 hr sum of SO2 discharged (kg)
Jan 06 17:00	Jan 06 18:00	1,028	1,028
Jan 06 18:00	Jan 06 19:00	3,089	4,118
Jan 06 19:00	Jan 06 20:00	4,241	8,358
Jan 06 20:00	Jan 06 21:00	3,907	12,266
Jan 06 21:00	Jan 06 22:00	2,788	15,053
Jan 06 22:00	Jan 06 23:00	1,595	16,648
Jan 06 23:00	Jan 07 00:00	509	17,157
Jan 07 00:00	Jan 07 01:00	0	17,157
Jan 07 01:00	Jan 07 02:00	0	17,157
Jan 07 02:00	Jan 07 03:00	0	17,157
Jan 07 03:00	Jan 07 04:00	0	17,157
Jan 07 04:00	Jan 07 05:00	0	17,157
Jan 07 05:00	Jan 07 06:00	0	17,157
Jan 07 06:00	Jan 07 07:00	0	17,157
Jan 07 07:00	Jan 07 08:00	0	17,157
Jan 07 08:00	Jan 07 09:00	0	17,157
Jan 07 09:00	Jan 07 10:00	0	17,157
Jan 07 10:00	Jan 07 11:00	0	17,157
Jan 07 11:00	Jan 07 12:00	0	17,157
Jan 07 12:00	Jan 07 13:00	0	17,157
Jan 07 13:00	Jan 07 14:00	0	17,157
Jan 07 14:00	Jan 07 15:00	0	17,157
Jan 07 15:00	Jan 07 16:00	0	17,157
Jan 07 16:00	Jan 07 17:00	0	17,157
Jan 07 17:00	Jan 07 18:00	0	16,129