



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

**Sulphur Dioxide Discharged on January 22, 2024**

**Nanticoke Refinery, Imperial Oil**

**March 25, 2024**

## 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 (SO<sub>2</sub>) 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 22, 2024.

The table below provides the hourly SO<sub>2</sub> discharged on January 22, 2024 and the rolling preceding 24-hour sum of SO<sub>2</sub> discharged.

<b>Hour Start</b>	<b>Hour End</b>	<b>SO<sub>2</sub> discharged (kg/ hr)</b>	<b>Rolling preceding 24 hr sum of SO<sub>2</sub> discharged (kg)</b>
Jan 22 23:00	Jan 23 00:00	637	637
Jan 23 00:00	Jan 23 01:00	1,132	1,769
Jan 23 01:00	Jan 23 02:00	1,221	2,990
Jan 23 02:00	Jan 23 03:00	751	3,741
Jan 23 03:00	Jan 23 04:00	20	3,761
Jan 23 04:00	Jan 23 05:00	0	3,761
Jan 23 05:00	Jan 23 06:00	0	3,761
Jan 23 06:00	Jan 23 07:00	0	3,761
Jan 23 07:00	Jan 23 08:00	0	3,761
Jan 23 08:00	Jan 23 09:00	0	3,761
Jan 23 09:00	Jan 23 10:00	0	3,761
Jan 23 10:00	Jan 23 11:00	0	3,761
Jan 23 11:00	Jan 23 12:00	0	3,761
Jan 23 12:00	Jan 23 13:00	0	3,761
Jan 23 13:00	Jan 23 14:00	0	3,761
Jan 23 14:00	Jan 23 15:00	0	3,761
Jan 23 15:00	Jan 23 16:00	0	3,761
Jan 23 16:00	Jan 23 17:00	0	3,761
Jan 23 17:00	Jan 23 18:00	0	3,761
Jan 23 18:00	Jan 23 19:00	0	3,761
Jan 23 19:00	Jan 23 20:00	0	3,761
Jan 23 20:00	Jan 23 21:00	0	3,761
Jan 23 21:00	Jan 23 22:00	0	3,761
Jan 23 22:00	Jan 23 23:00	0	3,761
Jan 23 23:00	Jan 24 00:00	0	3,124
Jan 24 00:00	Jan 24 01:00	0	1,992
Jan 24 01:00	Jan 24 02:00	0	771
Jan 24 02:00	Jan 24 03:00	0	20