



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

Sulphur Dioxide discharged December 11th to 12th, 2021

Nanticoke Refinery, Imperial Oil

February 10th, 2022

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 when the sulphur recovery unit fails to operate in a normal manner.

The table below provides the hourly and rolling preceding 24 hour sum of SO₂ discharged from December 11 to 12, 2021.

Hour Start	Hour End	SO ₂ discharged (kg/hr)	Rolling preceding 24 hr sum of SO ₂ discharged (kg)
Dec 11 14:00	Dec 11 15:00	0	0
Dec 11 15:00	Dec 11 16:00	827	827
Dec 11 16:00	Dec 11 17:00	12	839
Dec 11 17:00	Dec 11 18:00	0	839
Dec 11 18:00	Dec 11 19:00	0	839
Dec 11 19:00	Dec 11 20:00	0	839
Dec 11 20:00	Dec 11 21:00	0	839
Dec 11 21:00	Dec 11 22:00	0	839
Dec 11 22:00	Dec 11 23:00	0	839
Dec 11 23:00	Dec 12 00:00	0	839
Dec 12 00:00	Dec 12 01:00	0	839
Dec 12 01:00	Dec 12 02:00	0	839
Dec 12 02:00	Dec 12 03:00	0	839
Dec 12 03:00	Dec 12 04:00	0	839
Dec 12 04:00	Dec 12 05:00	0	839
Dec 12 05:00	Dec 12 06:00	0	839
Dec 12 06:00	Dec 12 07:00	0	839
Dec 12 07:00	Dec 12 08:00	0	839
Dec 12 08:00	Dec 12 09:00	0	839
Dec 12 09:00	Dec 12 10:00	0	839
Dec 12 10:00	Dec 12 11:00	0	839
Dec 12 11:00	Dec 12 12:00	0	839
Dec 12 12:00	Dec 12 13:00	0	839
Dec 12 13:00	Dec 12 14:00	0	839
Dec 12 14:00	Dec 12 15:00	0	839
Dec 12 15:00	Dec 12 16:00	0	12
Dec 12 16:00	Dec 12 17:00	0	0