



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

**Sulphur Dioxide discharged April 5<sup>th</sup>-7<sup>th</sup>, 2021**

**Nanticoke Refinery, Imperial**

**June 4<sup>th</sup>, 2021**

## Introduction

As required by section 6. (4) of O.Reg 530/18, public posting of the amount of sulphur dioxide discharged from acid gas equipment when the SRU fails to operate in a normal manner must be made within 60 days of the amount being calculated.

See below table of the hourly discharge of sulphur dioxide on April 5<sup>th</sup>-7<sup>th</sup>, 2021 as well as the rolling preceding 24- hour sum of sulphur dioxide discharged.

Hour Start	Hour End	SO2 discharged (kg/ hr)	Rolling preceding 24 hr sum of SO2 discharged (kg)
Apr 05 10:00	Apr 05 11:00	0	0
Apr 05 11:00	Apr 05 12:00	140	140
Apr 05 12:00	Apr 05 13:00	152	293
Apr 05 13:00	Apr 05 14:00	111	403
Apr 05 14:00	Apr 05 15:00	102	505
Apr 05 15:00	Apr 05 16:00	69	574
Apr 05 16:00	Apr 05 17:00	96	670
Apr 05 17:00	Apr 05 18:00	102	771
Apr 05 18:00	Apr 05 19:00	382	1,154
Apr 05 19:00	Apr 05 20:00	793	1,946
Apr 05 20:00	Apr 05 21:00	780	2,726
Apr 05 21:00	Apr 05 22:00	432	3,158
Apr 05 22:00	Apr 05 23:00	494	3,652
Apr 05 23:00	Apr 06 00:00	535	4,187
Apr 06 00:00	Apr 06 01:00	788	4,975
Apr 06 01:00	Apr 06 02:00	1,303	6,279
Apr 06 02:00	Apr 06 03:00	660	6,938
Apr 06 03:00	Apr 06 04:00	26	6,964
Apr 06 04:00	Apr 06 05:00	34	6,998
Apr 06 05:00	Apr 06 06:00	0	6,998
Apr 06 06:00	Apr 06 07:00	0	6,998
Apr 06 07:00	Apr 06 08:00	0	6,998
Apr 06 08:00	Apr 06 09:00	0	6,998
Apr 06 09:00	Apr 06 10:00	0	6,998
Apr 06 10:00	Apr 06 11:00	0	6,998
Apr 06 11:00	Apr 06 12:00	0	6,858
Apr 06 12:00	Apr 06 13:00	0	6,705
Apr 06 13:00	Apr 06 14:00	0	6,595
Apr 06 14:00	Apr 06 15:00	0	6,493
Apr 06 15:00	Apr 06 16:00	0	6,424
Apr 06 16:00	Apr 06 17:00	0	6,328
Apr 06 17:00	Apr 06 18:00	0	6,226
Apr 06 18:00	Apr 06 19:00	0	5,844
Apr 06 19:00	Apr 06 20:00	0	5,051
Apr 06 20:00	Apr 06 21:00	0	4,271
Apr 06 21:00	Apr 06 22:00	0	3,840
Apr 06 22:00	Apr 06 23:00	0	3,346
Apr 06 23:00	Apr 07 00:00	0	2,811
Apr 07 00:00	Apr 07 01:00	0	2,023
Apr 07 01:00	Apr 07 02:00	0	719
Apr 07 02:00	Apr 07 03:00	0	59
Apr 07 03:00	Apr 07 04:00	0	34
Apr 07 04:00	Apr 07 05:00	0	0