



## **O. Reg. 88/22: Air Pollution – Discharge of Sulphur Dioxide from Petroleum Facilities**

### **Liquid Fuel Use –May 26 and 27, 2023**

**Nanticoke Refinery, Imperial Oil**

**July 17, 2023**

## Introduction

Pursuant to subsection 41(1) paragraph 4 of O. Reg 88/22, Imperial Oil is making available to the public information relating to liquid fuel use at the Nanticoke Refinery (see Table 1).

Table 1: Information Relating to Liquid Fuel Use at the Nanticoke Refinery

O. Reg 88/22 Requirement	Imperial Oil Information
Date(s) on which the liquid fuel was used in the combustion device(s)	May 26 and 27, 2023
Explanation of the emergency that resulted in the liquid fuel use	The Nanticoke Refinery Fluid Catalytic Cracker (FCC) had an unplanned shutdown resulting in a fuel gas shortage at the Refinery and a need to use liquid fuel to allow for continued safe Nanticoke Refinery operations
Measures that are available to prevent or reduce the risk of liquid fuel being used in the combustion device in similar circumstances in the future	During unplanned fuel gas shortages at the Refinery, liquid fuel gas burning is required to continue to maintain safe operations. Imperial will continue to complete root cause analysis for unplanned events, such as this one, to apply learnings where applicable, to prevent or reduce reoccurrence and the need to use liquid fuel.