



# Air Quality Briefing Note

Date: September, 2017

Issued by: Prince George Husky Refinery

Agency: Husky Energy



## Description

Each member of PGAIR is requested to provide an annual update on implementation activities looking back on the Phase III Plan. Husky Energy's relevant activities pertaining to the oil refinery located in Prince George are provided below.

### 2016 Phase III PM<sub>2.5</sub> Goal

- A 40% reduction from all significant sources;
- A daily average not to exceed 25 micrograms per cubic metre of air; and
- An annual average of 5 micrograms per cubic metre of air.

## Questions

### What have you done in the last 12 months?

As a fuel producer, the Prince George Husky Refinery meets and strives to exceed regulatory requirements. As of January 1, 2017 the allowable sulphur in gasoline (Sulphur in Gasoline Regulation under the Canadian Environmental Protection Act) was reduced from 30 ppm to 10 ppm. This measure will deliver a reduction in air pollutant emissions, while also enabling new technologies or strategies to improve greenhouse gas (GHG) emission performance of new vehicles.

The refinery has adjusted its operations to meet the new requirements, which will generate an overall benefit to the community. Lowering the allowable sulphur content in gasoline will enhance the performance of a vehicle's emission control system. Lower allowable sulphur will enable compliance with the more stringent vehicle emission standards that have been instituted for 2017 and later model year-vehicles by allowing for the effective operation of advanced emission control technologies.

Husky also followed regular programs including:

- Road dust control measures include applying a calcium chloride solution which retains moisture for prolonged periods. This unique property helps to hold down dust on unpaved roads.

- Revamped its onsite vehicle policy to limit the number of contractor vehicles.
- Upheld its policy of using pedal bicycles as a mode of onsite transportation.

**What are you planning to do in the next 12 months? What is your long-term plan to meet the 2016 goal?**

- Husky is committed to continuous improvement in environmental performance by reducing the impact to land and habitat, air and water. The Company meets and strives to exceed regulatory requirements.

**Please indicate your self-assessed progress during the past 12 months:**

Low

Medium

High