



# **Fugitive Dust Control Plan**

Fond du Lac Line 4 Project

June 2020

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ENBRIDGE ENERGY, LIMITED PARTNERSHIP  
FUGITIVE DUST CONTROL PLAN  
JUNE 2020 (REV 1)

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**ACRONYMS AND ABBREVIATIONS**

BMPs	best management practices
Contractor	construction contractor
EI	environmental inspector
Enbridge	Enbridge Energy, Limited Partnership
EPP	Environmental Protection Plan
Plan	Fugitive Dust Control Plan
Project	Fond du Lac Line 4 Project
ROW	right-of-way

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## **INTRODUCTION**

Enbridge Energy, Limited Partnership (“Enbridge”) has prepared this Fugitive Dust Control Plan (“Plan”) to provide dust control measures to minimize fugitive dust from construction activities and access road traffic associated with the Fond du Lac Line 4 Project (“Project”). This Plan also outlines the records to be maintained on site during construction.

### **1.0 FUGITIVE DUST SOURCES**

The following Project construction activities have been identified as having the potential to be dust generating sources:

#### Access

- Vehicle and motorized equipment movement on access roads;
- Track-outs onto roads; and
- Use of parking, staging, and storage areas.

#### Pipeline Construction

- Vegetation removal;
- Clearing and grading;
- Topsoil stripping;
- Trenching and topsoil/spoil storage;
- Blasting;
- Construction dewatering;
- Lowering-in and backfilling; and
- Cleanup.

It is the responsibility of the construction contractor (“Contractor”) to ensure that all sources of potential dust generation are addressed. If additional fugitive dust sources are identified, those sources will be monitored and appropriate dust suppression techniques will be implemented.

### **2.0 FUGITIVE DUST CONTROL MEASURES**

#### **2.1 ACCESS**

Per Section 1.4 of Enbridge’s Environmental Protection Plan (“EPP”), access to the right-of-way (“ROW”) will be from public roadways and Enbridge-approved private access roads only. Reduced speed limits will be implemented on unpaved access roads. Vehicle tracking of soil from the construction site will be minimized by installation and implementation of best management practices (“BMPs”) such as rock access pads, construction mats, reducing equipment/vehicle access to the construction ROW where practicable (off-ROW parking), or equivalent. Installation of rock or construction mat access pads will be in accordance with applicable permits and state/federal specifications. If such BMPs are not adequately preventing sediment from being tracked

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onto public roads, street sweeping, or other equivalent means of collecting sediment will be used per applicable permit requirements.

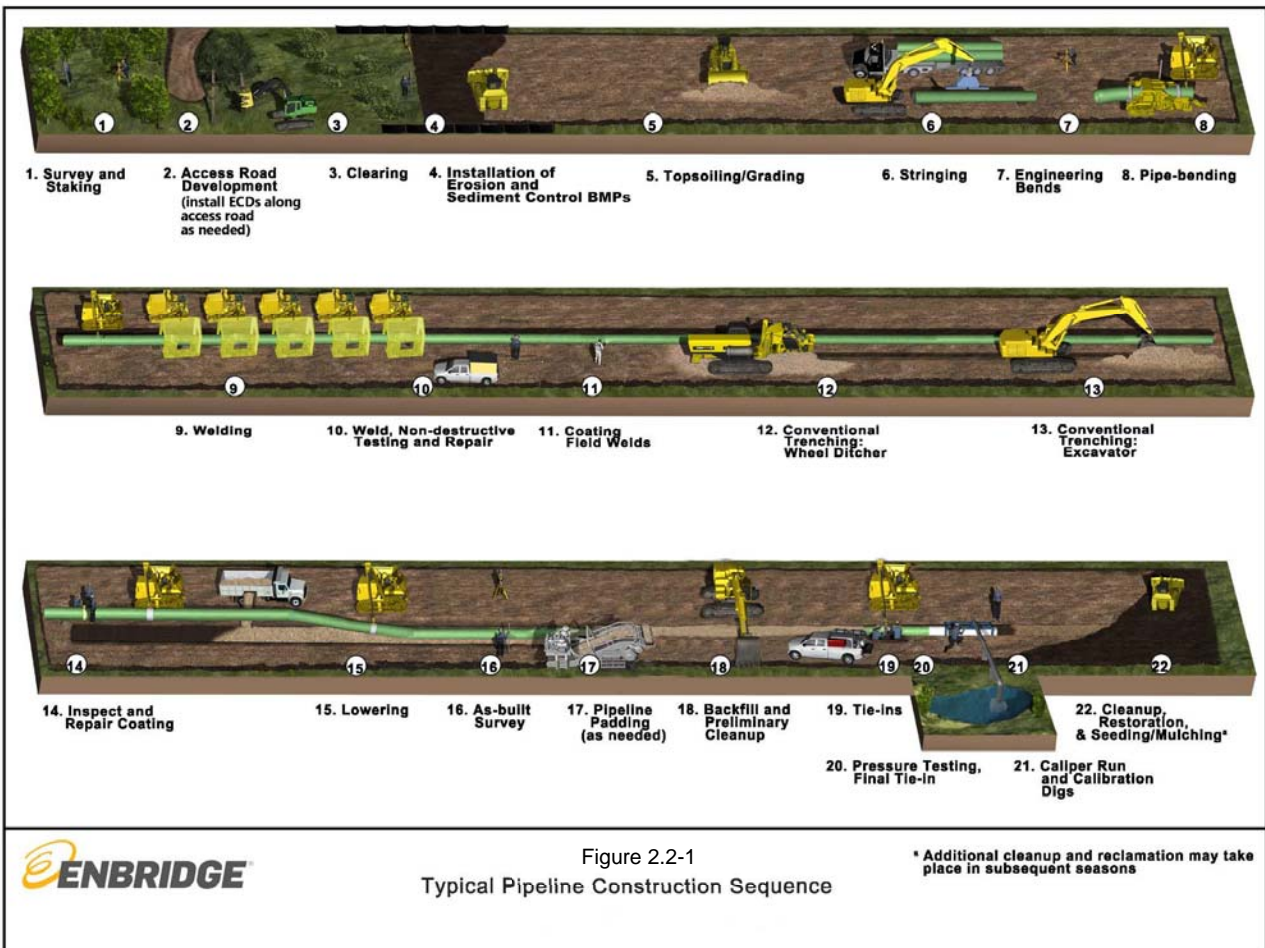
Water is the only suppression dust control treatment allowed. The amount of water required to sufficiently control fugitive dust emissions is dependent on the characteristics of materials (e.g., surface moisture content), ambient conditions (e.g., rainfall, humidity, temperature), activities occurring in the area (e.g., vehicle traffic, vehicle weight, speeds), etc. The Contractor will have one or more water trucks available per spread that will load water from approved permitted sources to spray areas for dust control.

## **2.2 PIPELINE CONSTRUCTION**

Construction activities such as clearing, grading, excavation, and backfilling, as well as the movement of construction equipment along the construction ROW and within facility boundaries, could result in fugitive dust emissions.

Fugitive dust emissions from construction activities will be controlled to a great extent by progressing the activities along the construction sequence, which includes the implementation of temporary and permanent stabilization measures of the construction area until construction and restoration is complete. Figure 2.2-1 below illustrates the typical sequential manner of construction activities.

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If sustained visible dust plumes occur, dust suppression can be achieved by applying water along the travel lane and disturbed construction areas via a water truck. Areas to be watered as conditions require include, but are not limited to the following:

- the construction ROW, including temporary workspace;
- aboveground facility sites;
- active grading areas;
- unstabilized areas;
- soil stockpiles; and
- parking areas.

As stated in Section 2.1, water is the only suppression dust control treatment allowed. The frequency at which water trucks will spray construction areas will vary based on weather and site conditions. More frequent applications will be required in dry conditions and where dust generation is likely.

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Soil stockpiles left undisturbed for 14 days or more, or located in high wind locations, will be temporarily stabilized with seed and mulch to prevent wind and water erosion. Areas at final grade or that will not be worked again for 14 days or more will have stabilization measures initiated immediately and completed within applicable permit timeframes.

### **3.0 INSPECTION, MONITORING, AND RECORDKEEPING**

The Contractor will implement the dust control measures specified in this Plan. Environmental Inspectors (“EIs”) will have primary responsibility for monitoring and enforcing the implementation of dust control measures by the Contractor. When environmental conditions are dry, inspection of dust control measures will be conducted daily. The EIs will also be responsible for ensuring that these measures are effective and proper documentation is maintained.