ATTACHMENT 7

Algonquin Dust Control Plan



CAPE COD CANAL PIPELINE RELOCATION PROJECT

Dust Control Plan

June 2025

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1.0 INTRODUCTION

The purpose of this *Dust Control Plan* ("Plan") is to inform the contractor and its subcontractors of required measures to reduce the impact of dust on nearby communities (i.e., off-site receptors including residences, businesses) and on-site workers as a result of construction and soil handling activities. Additionally, this Plan helps prevent the off-site spread of dust that may result from construction activities. This Plan describes control measures to be implemented before, after, and while conducting any dust generating operation. The Plan requires monitoring, corrective actions to abate emission of dust and documentation of control measures taken.

2.0 APPLICABILITY

The Plan is applicable to any fugitive dust emissions associated with construction vehicle movement and with trenching, backfilling, and other earthmoving activities, including routine use of unpaved roads, soil excavation, and handling of any other dusty materials.

3.0 DUST EMISSIONS AND CONTROL MEASURES

Algonquin's Construction Contractor ("Contractor") will visually monitor the presence of airborne dust at the downwind boundary of the work sites. If excessive airborne dust is detected at the boundary of the work sites or if complaints are received, the Contractor should check for the presence of airborne dust on the upwind side of the construction area and implement dust control measures if construction activity is clearly the major contributing factor to increased dust emissions downwind. The Contractor will discontinue construction activities if generation of dust cannot be controlled to avoid soiling of structures or personal belongings on adjacent properties.

The Contractor will take measures to reduce dust generation and employ practices to prevent excessive fugitive dust emissions (e.g., visible dust clouds). No dust control measures are generally required during precipitation events. Dust control measures are required especially during warm dry weather and those days with strong winds. A source of clean, potable water or calcium chloride must be made available to wet down exposed soil surfaces. Dust control measures include but are not limited to:

Soil Excavation and Handling

- Load haul trucks such that the load is below the freeboard;
- Prevent spillage;
- Apply water or calcium chloride when needed prior to disturbance and during disturbance to prevent dust generation;
- Maintain existing ground coverings (e.g., existing pavement) until disturbance is required for construction and stabilize exposed soil with gravel or other stabilizing material, if dust generation is observed; and
- Discontinue construction activities if generation of dust cannot be controlled to avoid soiling of structures or personal belongings on adjacent properties.

Unpaved Haul and Access Roads

- Apply water or calcium chloride when needed;
- Control and immediately remove any track-out;
- Cover loads, as appropriate;
- Maintain appropriate low vehicle speeds in unpaved areas; and
- Route vehicles and equipment to covered surfaces (e.g., paved or graveled) when possible.

4.0 RESPONSIBILITY AND AUTHORITY

The Contractor Superintendent, the Environmental Inspector ("EI"), and the on-site Algonquin's Chief Inspector will share the authority to determine if/when water needs to be reapplied for dust control and to determine if/when additional mitigation will be needed.

The Contractor will furnish, operate, and maintain equipment and employ methods to minimize the migration of dust beyond the boundaries of the work site. The Contractor also will provide a copy of the Plan to all applicable site subcontractors. The Contractor Superintendent will be responsible for implementing the Plan. The EI has stop work authority for any non-compliance issues.

5.0 RECORDKEEPING AND MONITORING

The Contractor will document in their daily report the actual application or implementation of the control measures delineated in the Plan or otherwise.