

Dust Management Plan Guidelines

The Government of Yukon requires the operators of permitted dust-producing activities (such as asphalt plants and quarries) to submit a Dust Management Plan for approval. The Dust Management Plan should describe the measures that will be undertaken to control dust produced by the operation, including any dust produced by bulk material handling, storage activities, earth-moving, construction, demolition, or vehicular movements. The Dust Management Plan should also outline action triggers that will be used to determine when/ and what level of control measure will be required.

Dust Management Plan Requirements

A comprehensive Dust Management Plan should:

1. Identify all sources of dust generated by the operation and their related activities.
2. Describe dust control measures to be taken for all sources, including, but not limited to:
 - a. **The primary dust control measure** (i.e. the first approach that is to be implemented to control dust emissions). This may include measures such as applying dust suppressants, paving roadways and work areas, installing engineering controls (such as dust covers or collection mechanisms), setting vehicle speed controls, reducing traffic, etc.; and
 - b. **A contingency dust control measure** (i.e. a backup strategy to be used when the primary control measure is not effectively controlling dust emissions). This may include any of the above measures and/or ceasing operations.
3. Identify the frequency of application of control measures during dust generating activities or when there is evidence of wind driven dust.
4. Identify all monitoring methods, including monitoring frequency and locations.
5. List specific measurable and reportable triggers linked to the implementation of control measures.
6. Describe a complaint management system that will ensure all complaints are recorded and acted on promptly.
7. Identify the person(s) responsible for dust management and how they will ensure emissions are closely monitored and controlled at all times.

A **Dust Management Plan template** is available from the Branch upon request.

If the application of a dust suppressant other than water is being contemplated as either a primary or contingency control measure, the specifications of the product to be used must be included in the Dust Management Plan. Please note that the use of a dust suppressant other than water may not be approved by the Branch.

The onus is on the operator to control dust emissions at all times. **If primary or contingency control measures do not result in effective control as determined by the Branch, the permittee may be required to:**

- revise and resubmit the Dust Management Plan, as directed by an environmental protection analyst;
- conduct air dispersion modelling; and/or
- conduct ambient air quality monitoring.

If dust cannot be adequately controlled using all available measures, the project may be subject to enforcement under the *Air Emissions Regulations*.

Note that the development and implementation of a Dust Management Plan does not replace the requirement to obtain an Air Emissions Permit, when required under the *Air Emissions Regulations*, from the Environmental Protection and Assessment Branch.

For more information on the *Environment Act*, please contact:

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| Government of Yukon | Phone: | 867-667-5683 |
| Environmental Protection and Assessment Branch | Toll Free: | 1-800-661-0408, ext. 5683 |
| (V-8) | Fax: | 867-393-6205 |
| Box 2703 | Email: | envprot@gov.yk.ca |
| Whitehorse, Yukon | Web: | Yukon.ca |
| Y1A 2C6 | | |

The *Environment Act* and Regulations may be viewed online at legislation.yukon.ca/env.html, or at any Yukon Public Library, territorial agent, territorial representative or regional services office. You may purchase copies at the Inquiry Centre, Government of Yukon Administration Building, 2071-2nd Avenue in Whitehorse, request by email queens.printer@gov.yk.ca or mail: Government of Yukon Queen's Printer, Box 2703 (W-4), Whitehorse, Yukon, Y1A 2C6 (phone 867-667-5146 or toll free 1-800-661-0408, extension 5146).