



Best Practices Guide for Dust Management in Alberta

PROJECT BACKGROUNDER

Guide Contents

- The Guide includes:
 - Contextual information on dust and associated regulatory requirements in Alberta.
 - A series of sections, organized to provide guidance and information that readers can use to develop a site-specific dust management plan.
 - Detailed technical and supporting dust management information in the Guide appendix.

Project Context

- The Guide is the result of a “*Best Practices Guide for Dust Management in Alberta*” project undertaken by the Clean Air Strategic Alliance (CASA).
- This project builds on a previous Non-Point Source Project (2015-2017)¹, which was tasked with helping to address non-point source air emissions. The scope of the Guide was expanded from a construction operations and road dust recommendation to include also best practices for managing dust from other activities that are, or have the potential to be, major dust emission sources in Alberta.

Guide Use and Audience

- The Guide and Technical Documentation are intended to assist municipalities and provincial regulators and be a resource for industry and other stakeholders in improving dust management in the province.
- Municipalities, industry, Indigenous communities, regulatory bodies, health and environmental non-government organizations, and other groups or individuals that are interested in, or impacted by, dust should find value in the materials.
- Uses of the Guide and Technical Documentation may include preparing and updating dust management plans and preparing *Environmental Protection and Enhancement Act* approvals and registration applications.

¹ <https://www.casahome.org/past-projects/non-point-source-project-team-37/>

Methodology

- The content of the Guide was informed by:
 - A literature/jurisdictional review of dust management practices in Alberta and elsewhere.
 - Results of surveys and focus groups involving stakeholders and communities (including Indigenous communities) which focused on identifying dust management issues and challenges.
 - A workshop to identify technical gaps in an early draft of the Guide and to ensure that the Guide was “user friendly”.
 - Using the expertise and experience of the members of the Project Team to guide and assist the consultant engaged to support the project (AECOM).

Funding

- The Dust project was made possible through financial contributions from Alberta Environment and Protected Areas and the City of Calgary.

Disclaimers

- The Guide and Technical Documentation do not cover every possible activity, sector, dust source, and best practice where dust management considerations are relevant.
- Any examples related to specific activities, sectors, dust sources, and best practices, are for illustrative purposes only and may not be suitable or practicable for all operations or situations.
- The Guide and Technical Documentation are Alberta focused but reference dust-related requirements in other jurisdictions. These examples are not intended to guarantee applicability to Alberta.
- These documents do not revise or replace any regulatory requirements and following the best practices within do not equate to or guarantee compliance.

Copies of the reports and more information on CASA and the Dust Project Team can be found at <https://www.casahome.org/past-projects/best-practices-guide-dust-management-alberta-61/>

The Clean Air Strategic Alliance is a partnership composed of representatives from industry, government, First Nations, non-government organizations, and Métis Settlements. We provide strategies to assess and improve air quality for Albertans using a collaborative consensus process. Every partner is committed to a comprehensive air quality management system for Alberta.

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<https://www.casahome.org/>