



The Clean Air Strategic Alliance (CASA) newsletter will arrive at your inbox three times per year, shortly after each board meeting, and provide a quick update for board members and other interested groups. Comments and suggestions are welcome, so please tell us what you think. Email your feedback to info@awc-casa.ca. Follow us on X (formerly known as Twitter), LinkedIn, and subscribe to our YouTube channel. We look forward to hearing from you.





In this edition:

- **The Zephyr:** ROVER III Project Team drafts recommendations and work on dust management guide progresses.
- **Whiffs and Puffs:** Global spread of smoke from Canada's wildfire raises concerns over air quality and human health.

The Zephyr

ROVER III Project Team drafts recommendations

The Roadside Optical Vehicle Emissions Reporter III Project Team launched in May 2018. The project experienced several delays during the pandemic which were beyond the team's control. Since then, the project has gained momentum because of the lifting of border restrictions and data collection took place over the summer and fall of 2022.

The emissions data was cross-referenced with vehicle characteristic information from Service Alberta, then emission trends were analyzed and documented in a consultant report. The project team is using the report as a basis for recommendations being developed for the CASA board. The project is expected to wrap up by the end of 2023.

At the previous October CASA board meeting, the International Council on Clean Transportation (ICCT) and Opus Inspection Inc. (Opus) gave presentations to the CASA board. ICCT presented on their 2022 study entitled "[Heavy-duty emissions control tampering in Canada](#)" while Opus

presented an analysis of the [results](#) obtained from the Roadside Optical Vehicle Emissions Reporter (ROVER) III data collection campaign. The presentation was recorded and can be viewed [here](#).

For more information about this work, see [here](#).



Work on dust management guide progresses

The Best Practices Guide for Dust Management in Alberta Project Team kicked off in early 2023. The team prepared a scope of work for a consultant to complete a literature and jurisdictional review of dust sources, monitoring, and management practices, which would inform the subsequent development of the Guide.

The team unfortunately did not receive any proposals on the scope of work, so they have identified and reached out directly to several firms with relevant expertise to determine interest and ability to carry out the work. The scope of work is expected to be reissued with the project proceeding as usual afterwards. It is expected to wrap up in 2024.

For more information about this work, see [here](#).



Whiffs and Puffs

Global spread of smoke from Canada's wildfire raises concerns over air quality and human health.

CASA's staff strives to keep in the loop of recent research and happenings in the air quality world. According to a recent article from the Daily Maverick, wildfire smoke from Canada is causing worry about the impacts of poor air quality on human health (e.g., asthma, chronic obstructive pulmonary disease, heart disease). Along with health concerns, higher temperatures and longer fire seasons, mean more favourable conditions for drought to occur.

Satellite images from NASA's Earth Observatory, show smoke from Canadian fires spreading as far as Spain and Portugal, but mostly to over 21 states in the

US.

For more information about this article, see [here](#).

Upcoming Events and Meetings

- December 14, 2023 - Board meeting (Edmonton)

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