

Temporary Protocol

Temporary Bulk Reporting Protocol for Air Quality Exceedance Reporting by Airsheds due to Forest Fire Smoke

Bulk Reporting Protocol

July 15, 2021

1. The protocol comes into effect when written notification is received by an Alberta Airshed from Alberta EDGE indicating that the protocol is in effect. The protocol applies only to the Alberta Airshed(s) explicitly specified in the written notification received from Alberta EDGE. Written notification constitutes a text-based notification received from Alberta EDGE. Written notification may be communicated via email.
2. When in effect, Alberta Airsheds (as defined in the *Alberta Air Monitoring Directive* Chapter 1: Appendix A) may submit one written report per monitoring station to Alberta EDGE encompassing seven days on a calendar week basis (i.e. Monday – Sunday). Each report must summarize **all measured 1-hour PM_{2.5} AAAQG and 24-hour PM_{2.5} AAAQO** exceedances for each monitoring station to which the protocol applies. This written report fulfills the immediate reporting requirement for Alberta airsheds (i.e. *Alberta Air Monitoring Directive* Clause RC 14-A) when the protocol is in effect. A written report is not required if there were no measured exceedances.
3. One reference number will be generated by Alberta EDGE per monitoring station and the reference number will cover a seven-day period on a calendar week basis. Each reference number will apply to all reportable PM_{2.5} exceedances from an individual monitoring station over the seven-day period. When written notification is received by an Alberta Airshed from Alberta EDGE indicating that the protocol is in effect, all reportable PM_{2.5} exceedances from an individual monitoring station must be reported starting from the beginning of the calendar day on which notification is received until the end of that calendar week (e.g. if written notification is received on Tuesday, all reportable PM_{2.5} exceedances from the beginning of Tuesday through to the following Sunday would be covered by the same reference number respective to each given station).
4. When the protocol is in effect for longer than seven days, a new reference number will be generated per station for each subsequent seven-day calendar week, until written notification is received by an Alberta Airshed from Alberta EDGE indicating that the protocol is no longer in effect.
5. Written reports, as outlined in the protocol, must be received within seven calendar days following the end of each seven-day calendar week reporting period (i.e. written reports are due by the end of day on the Sunday following the calendar week being reported). Additional reporting, as indicated in *Alberta Air Monitoring Directive* Clause RC 14-D, and further defined in *A Guide to Release Reporting* is not required for 1-hour PM_{2.5} AAAQG and 24-hour PM_{2.5} AAAQO exceedances while the protocol is in effect. Written reports must be emailed to Alberta EDGE at edge@gov.ab.ca.

6. When written notification is received by an Alberta Airshed from Alberta EDGE indicating that the protocol is no longer in effect, reporting of measured exceedances must resume as specified in the Alberta *Air Monitoring Directive*. The last reporting period will conclude at midnight on the calendar day that written notification is received that the protocol is no longer in effect (i.e. it is likely that the last reporting period will encompass less than 7 calendar days). Written reports summarizing exceedances observed during the last reporting period must be received within seven calendar days following written notification that the protocol is no longer in effect.
7. This protocol applies to monitoring stations operated by an Alberta Airshed, including those operated on behalf of an *Environmental Protection and Enhancement Act* approval holder with general requirements for air quality monitoring. Exceptions include those monitoring stations which meet any of the following criteria:
 - a. Monitoring for PM_{2.5} which occurs as a result of direct requirements in an operating approval (i.e. an industrial compliance monitoring station). Hourly and daily reporting is still required, as per the approval requirements.
 - b. Monitoring for PM_{2.5} as required by an order (e.g. Environmental Protection order) or requirements from any provincial agency or department other than Alberta Environment and Parks.

Industrial operations are still required to immediately report any releases or exceedances of emission limits. If PM_{2.5} objectives/guidelines are exceeded in response to a release or emissions limit exceedance, the exceedance must be reported immediately.