



Snap Lake Environmental Monitoring Agency
5120 49th Street, 3rd Floor
P.O. Box 95, Yellowknife, NT X1A 1P8
Phone: 867-765-0961
Website: www.slema.ca

Alex Hood
Regulatory Specialist, Environment & Permitting
De Beers Group of Companies
300-5120 49th Street
Yellowknife, NT X1A 1P8

File: Air Quality Monitoring

December 14, 2017

Re: Air Quality and Emissions Monitoring and Management Plan
(Updated for Extended Care and Maintenance)

Dear Ms. Hood,

Snap Lake Environmental Monitoring Agency (SLEMA) has reviewed the Air Quality and Emissions Monitoring and Management Plan (update for Extended Care and Maintenance), and would like to provide the following comments.

It is understood that the main revision is the change of PM_{2.5} monitoring in the winter time, and was approved by the Department of Environment and Natural Resources.

- SHARP monitors located near the airstrip and emulsion plant will not operate when Mine Personnel are not at the site – approximately between the months of October and April.
- SHARP Monitors will operate at their current locations for the remaining months of the year – approximately between the months of May to September.

The updated PM_{2.5} Monitoring Program during Extended Care and Maintenance will result in data loss of seven months. De Beers stopped the PM_{2.5} Monitoring in October as planned, even though a small crew has been kept onsite until approval for remote monitoring is granted by the MVLWB.



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It is requested that De Beers resume year-round monitoring of PM_{2.5} when mine personnel are at the site year-round.

No other concerns are raised but a few editing issues.

- Two references about air quality modeling are mentioned in page 2 and 19. The right reference about modeling update appears to be Golder 2007, rather than De Beers 2006a, which is about re-modeling.
- The descriptions of monitoring station locations in Section 2.5.1 (page 14) and Section 2.6.1 (page 16) are inconsistent with Figure 2 (page 9).
- It is stated in page 7, that “(t)here is a secondary weather station located at the communications building that can provided back-up data if the meteorological station fails”. However, this secondary station appears not in Figure 2.
- Doe the dash line in Figure 3 represent the modeling update predictions?

If you have any questions whatsoever please feel free to contact the undersigned at 867-765-0961 / exec@slema.ca.

Sincerely,

Original signed by

Alex Power
Chairperson