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January 15<sup>th</sup>, 2013

**Subject: Reference #265715**

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For the month of December 2012, the Maskwa station had operational uptime on the Hydrogen Sulphide analyzer of 81.5%; this is below the required 90% (Reference #265715).

The routine calibration was performed on December 19. The analyzer spanned low and the daily zero drifted on December 23. An as found check was performed on December 24 and the result was found to be outside allowable drift tolerance. An investigation concluded that the drift was caused by a circuit board failure. As there were no spare parts available, the analyzer was left on the *Maintenance* mode until a replacement analyzer could be secured.

A replacement analyzer was installed on December 28. The analyzer was allowed time to stabilize which was followed by a zero/span check and an installation calibration on January 3.

As we are not sure when the relay board failed, a total of 137 hours of data were invalidated back to the last good calibration check, which was hour 18 on December 22.

Should you have any questions, please don't hesitate to contact me directly at (780) 266-7068.

Respectfully,

A handwritten signature in blue ink that reads "Michael Bisaga".

Michael Bisaga

Airshed Program Manager  
Lakeland Industry and Community Association

cc (email): LICA Office