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January 28<sup>th</sup>, 2014

**Subject: Reference #279699 & 279700**

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Reference# 279699: St. Lina Monitoring Station Wind Speed / Wind Direction operational time was less than 90%. The wind system had frozen due to cold and ice fog. A total of 97 hours of data was invalidated. LICA was not able to access to the trailer and address the issue sooner as the weather and road conditions were unsafe for our tech to travel to the station.

Reference #279700: Elk Point Monitoring Station particulate matter analyzer operational time was less than 90%. Data were corrected using the ESRD guideline for PM<sub>2.5</sub> data generated by TEOM units (if data were between 0 to -3, the data was corrected to 0; if data were below -3, the data was invalidated). 199 hours of data were invalidated using this procedure.

LICA is working with ESRD/AEMERA to find a solution to the many PM<sub>2.5</sub> monitoring issues we have encountered over the last 12-18 months. A joint monitoring study with ESRD is planned for 2014-15.

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