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June 16, 2014

RE: Downtime issues at Elk Point (SO₂) and Cold Lake South Monitoring (THC) Stations
Reference# 285981, 285982

Reference # 285981: Elk Point SO₂ – operational uptime 88.3% (requirement 90%).

The analyzer shut down due to power supply unit failure on May 3rd. The analyzer was replaced with a contractor supplied API 100A analyzer. The LICA-owned API 100E was sent to a supplier for repair. Data were invalidated back to the last good daily calibration which was May 2nd hour 22. A total of 87 hours of data was invalidated due to this event.

Reference #285982: Cold Lake South THC, operational uptime 78.2% (requirement 90%)

The analyzer started reading low on May 22nd during hour 3. It was determined that the sample pump was due for maintenance however problems continued. The analyzer was replaced by a Thermo 51C (S/N AU1634) on May 23rd. This analyzer failed the second zero/span check on May 24th. Troubleshooting was attempted on May 26th however, the analyzer still did not function properly. The Thermo 51C-LT analyzer was reinstalled back into the trailer following the sample pump replacement on May 29th. An installation calibration was performed on May 30th. Due to this event, a total of 144 hours of data were invalidated.

Should you have any questions, please don't hesitate to contact me.

Respectfully,

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

Michael Bisaga

Manager, Environmental Monitoring Programs
Lakeland Industry and Community Association

cc (email): LICA Office