

1 Q. Reference: Gas Turbine Failure Analysis - Final Report, January 11, 2017. Please  
2 detail Hydro's oil condition monitoring and management programs for its gas  
3 turbines.

4  
5  
6 A. Hydro's oil condition monitoring and management philosophy was determined by  
7 the asset management strategy review in 2011. Due to the limited operation of the  
8 gas turbines at the time, it was determined that annual sampling was appropriate  
9 to adequately determine the condition of the gas turbine lube oil. Oil changes were  
10 based on oil condition, rather than a set time. Due to the recent changes in the  
11 operation of the gas turbines, sampling is now being completed monthly during the  
12 operating season and quarterly for the remaining months. Oil changes are now  
13 completed annually at a minimum, sooner if warranted by an oil sample result.