

September 9, 2015

Report To: Planning and Development Executive Committee

From: Travis Rob, CBO, Facilities/Special Projects Coordinator

**RE: Quality Assurance and Quality Control Air Quality Monitoring During the Demolition of the Rainy Lake Hotel (235 Scott St.)**

**Background**

With the demolition of the Rainy Lake Hotel coming together the impacts of the demolition on the surroundings and mitigation of such impacts is well into the planning stages. As with any demolition of any structure airborne dust is a reality and given the location of this structure dust mitigation will be a key component of this project.

As an additional measure, taken by the Town of Fort Frances, to insure no negative impacts as a result of the demolition, three reputable firms were approached to provide quotes for air quality monitoring during the demolition of the structure. The quotes were based on a rational of placing a monitor in each of the neighboring buildings as well as one on the roadway in front of the Rainy Lake Hotel building. These stations would collect samples throughout the project with a baseline sample taken prior to demolition. Further monitoring and samples would be taken during the demolition and again post demolition and site cleanup. These samples would be analyzed for asbestos fibers, mold contamination as well as airborne lead. These samples would be compared to industry standards and applicable regulations with reports provided to the Town of Fort Frances upon completion of the analysis. There is no regulatory requirement to complete this sampling during a demolition therefore there are no standards for outdoor air quality to conform to, therefore 50% of the Occupational Exposure Limit as set out in the Occupational Health and Safety Act will be used as the limit during testing.

DST Consulting Engineers of Kenora submitted a quotation of \$6900.00, Pinchin Environmental of Kenora submitted a quotation of \$5135.00 and True Grit Consulting of Thunder Bay submitted a quotation of \$9000.00. All quotations were submitted exclusive of applicable taxes.

The matter was discussed at the September 8, 2015 meeting of the Planning and Development Executive Committee with additional information provided at that meeting. The Planning and Development Executive Committee recommends that the Town of Fort Frances retains Pinchin Environmental to complete air quality monitoring for the purposes of quality assurance and quality control during the demolition of the Rainy Lake Hotel located at 235 Scott Street.

Respectfully Submitted



Travis Rob, EIT  
Chief Building Official, Facilities/Special Projects Coordinator

<p><b>Council approval of this report will</b> approve the recommendation to engage Pinchin Environmental, at a cost of \$5135.00, to complete quality assurance and quality control air quality monitoring during the demolition of the Rainy Lake Hotel (235 Scott Street)</p>
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