



Private Residence
Elmira, Ontario

“The designated substances survey was used to identify sources of asbestos and lead for abatement and demolition purposes.”



Fig. 1—Intrusive sampling techniques

The Problem

An existing building was scheduled to be demolished prior to the redevelopment of the property. Given the age of the building, it was common practice for the building materials to be constructed with designated substances such as asbestos and lead based paint. To ensure the safety of all demolition workers, a designated substances survey (DSS) was required. Peritus was retained to conduct a DSS of the building in accordance with Ontario Regulation (O.Reg.) 278/05 and O.Reg. 490/09, as amended, to determine the presence and quantities of designated substances.

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The Solution

An initial visual inspection of all floors of the building was conducted followed by intrusive sampling. Samples were collected and analyzed for asbestos and lead. Visual observations and analytical data were summarized in a DSS report and quantified the amount of asbestos and lead in the building. The report was used by contractors for the abatement process .



Fig. 2—Asbestos identified in vinyl floor tiles

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