

## PETER BAKER

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Peter joins Building Science Corporation after 6 years of working for the Technical Services Branch of the Provincial Government of Alberta. During his time at Alberta Infrastructure he worked on a several hundred projects, including Health Care Centers, schools, multi-family residential, and historic buildings. He provided forensic investigations of facilities with building enclosure problems as well as design reviews for new and retrofit construction projects. He focused on the examination and analysis of mass and energy transfer through construction assemblies to prevent water accumulation from exterior water leakage or condensation within the building enclosure. The experience gained from this forensic work was used to set new standards and design guidelines for Alberta Infrastructure owned and funded projects. Peter's focus then shifted to the energy efficiency and sustainability of building enclosure construction assemblies. He participated on several LEED projects and worked on creating standards for sustainability and integrated design to be used for all Alberta Government owned and funded facilities.

At Building Science Corporation, Peter is responsible for providing design review of building enclosure drawings and specifications, and construction site inspections and testing. He is continuing work in the development of recommended construction details for residential building enclosures. Peter is also working on providing systems engineering analysis for high energy efficiency homes under the Building America Program.

### Education

University of Alberta  
Edmonton, Alberta  
Bachelor of Science in Civil Engineering

### Professional Registrations and Memberships

Association of Professional Engineer's, Geologists, and Geophysicists of Alberta (APEGGA)

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