



TRTFN HEALTH CENTRE

ATLIN, B.C.

This 500 square metre building sits adjacent to Atlin Lake, a frigid body of water in northern British Columbia. The building is arguably one of the greenest buildings in Canada. It has no chimney and burns no fossil fuels. The building is heated and cooled by a geothermal, environmentally-friendly glycol-based water loop buried at the bottom of nearby Atlin Lake.

The geothermal heating and building power is supplied by a run-of-river micro hydro project constructed by the First Nation completing the fully sustainable system. The micro-hydro project uses a turbine placed in a small local river to generate power. The project is considered 'green' since it involves no artificial damming techniques. The water is held at the natural high water level to provide power to the turbine.

This building was constructed using local aboriginal construction crews from the Taku River Tlingit First Nation

