



**Residential ICF project
2010**



Mille Lacs Band Housing Authority ICF homes

Project description

The Mille Lacs Band Housing Authority builds 15 to 20 homes a year. It chose to build these two ICF homes, which look very much like the other wood-frame homes in the development, to track the energy performance and durability of ICF construction. Since these homes were built, the housing authority decided to build four more ICF projects, a testament to the benefits of concrete and ICF construction.

Project dates

8/1/09-5/1/10

Materials

Ready Mix: 95 SY for the Birchwood model home (top photo); 115 SY for the Cottonwood Model home.

ICFs: 2000 SF for the Birchwood model; 3300 for the Cottonwood model.

Special project benefits

These homes represent a significant shift in building practices for the Mille Lacs Band Housing Authority. They are drawing national attention from other tribal housing authorities who also are watching for energy performance, durability and long-term cost benefits. Once the long-term data is available, this project will spur on a major switch in construction techniques.

Team:

Owner: Mille Lacs Band Housing Authority

Contractor: Northland Quality Builders

Ready Mix supplier: Cemstone

ICF supplier and installer: GW Concrete

For more project information, contact Kevin Hofmeister, Cemstone, at khofmeister@cemstone.com.