

## Port Coquitlam Recreation Centre

Port Coquitlam, British Columbia, Canada

Keller installed driven piles for the phased Port Coquitlam (PoCo) Recreation Centre to complete the scope of work safely and efficiently.



### The project

The Port Coquitlam (PoCo) Recreation Centre is a new community recreation complex in British Columbia. The planned structure, once completed, will have three ice rinks, a pool, a senior centre, and a two-storey library. Keller was called in by Ventana Construction Corporation to help with the ground improvement efforts.

# The challenge

Subsurface conditions varied across the site including fluvial deposits of cobbles, boulders, and previous ground improvement work. This posed a challenge for installing piles that would achieve design intent in specified pile parameters.

# The solution

Keller supplied and installed driven piles for the multi-phased construction of the PoCo Recreation Centre. Pre-drilling was required at all pile locations, along with reinforcement of the pile tip sections. Keller built on-site pile fabrication bed(s) to splice full-length piles. Driven piles up to 30 meters long reduced pile re-mobilization driving energies. Keller’s work on-site recovered time on the overall project schedule.

# Project facts

**Owner(s)**

Ventana Construction Corporation

**Keller business unit(s)**

Keller

**Main contractor(s)**

Ventana Construction Corporation

**Engineer(s)**

Davies Geotechnical Inc.

**Solutions**

Deep foundations

**Markets**

Institutional  
Sports and entertainment

**Techniques**

Driven piles

**Email address**

info@keller-na.com

**Phone number**

1 (800) 456-6548