

# Pottle Lake Water Treatment Plant

North Sydney, Nova Scotia

Focus on  
Precast Concrete Solutions

INDUSTRIAL / MUNICIPAL  
Architectural Precast Wall Panels



**The Cape Breton Regional Municipality** uses 8 water treatment plants to provide tap water to a population of 76,270 people. The Pottle Lake Water Treatment Plant in North Sydney, commissioned in 2010, services 18,800 people (6,700 metered customers) and pumps an average of 3,500,000 gallons of water a day.

Unlike most water treatment plants, Pottle Lake is located in the middle of a residential area, surrounded by homes. Making an industrial building blend in with its surroundings is a difficult task. For that reason, Strescon Limited produced a Total Precast building. The exterior was comprised of load-bearing Architectural Insulated Precast Concrete Panels with a buff pigmented concrete face and a combination of light and medium sandblast finishes. The hollowcore roof was supported by the exterior load-bearing wall panels and the interior precast dimising wall.

Altogether 60 pieces (8,750 sq.ft.) of Precast Insulated Wall Panels were procured as well as 77 pieces (9,630 sq.ft.) of Strescore Plank.



Project: **Pottle Lake Water Treatment Plant - North Sydney, NS**  
Owner: **Cape Breton Regional Municipality - Cape Breton, NS**  
Consulting Engineer: **CBCL Limited - Sydney, NS**  
Construction Manager: **Joneljim Concrete Construction - Sydney, NS**



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Strescon is a member of the OSCO Construction Group

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