

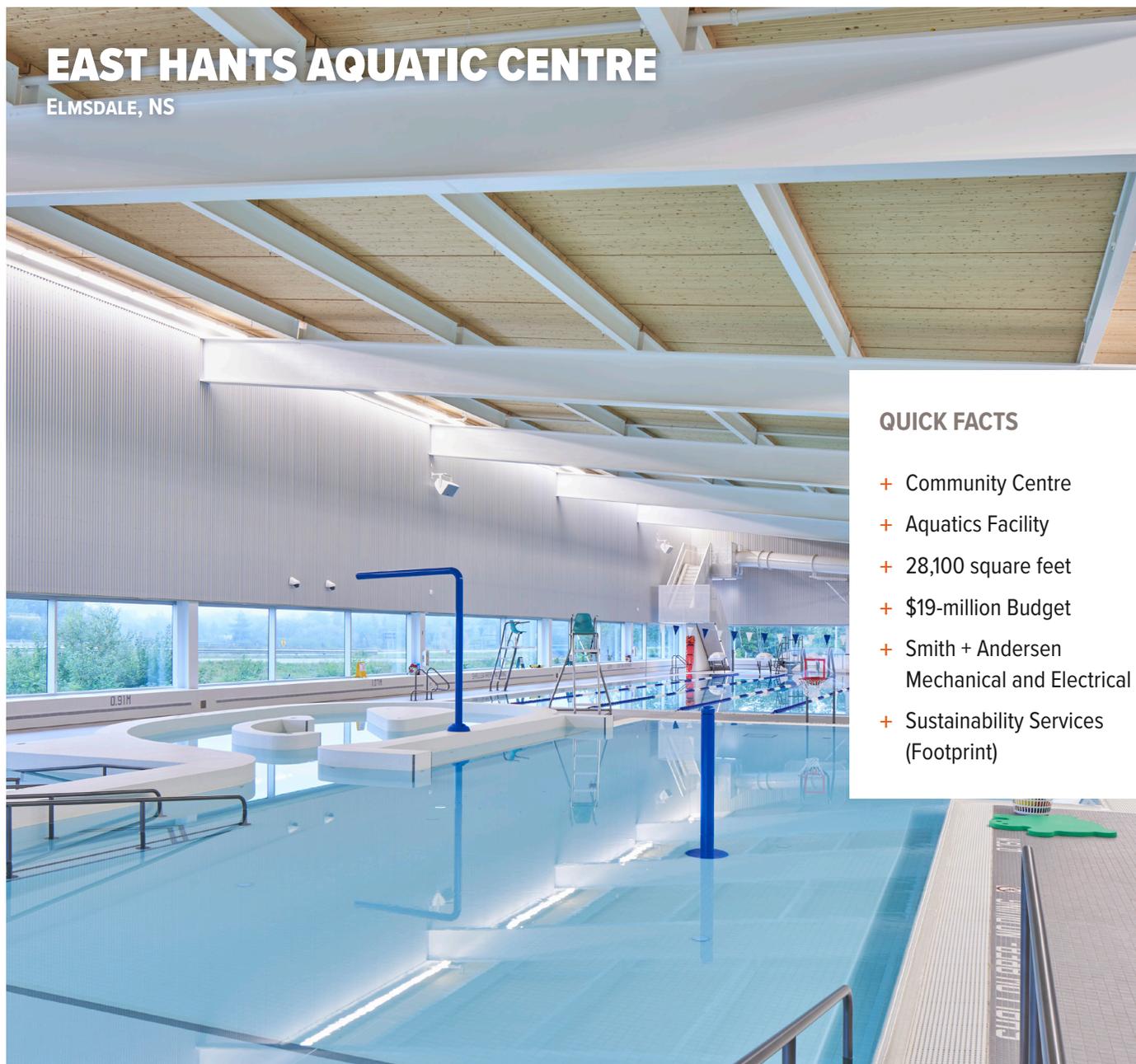


EAST HANTS AQUATIC CENTRE

ELMSDALE, NS

QUICK FACTS

- + Community Centre
- + Aquatics Facility
- + 28,100 square feet
- + \$19-million Budget
- + Smith + Andersen Mechanical and Electrical
- + Sustainability Services (Footprint)





EAST HANTS AQUATIC CENTRE

ABOUT THIS PROJECT

- + Centre includes a six-lane, 25-metre lap pool, an accessible leisure spray pool, a lazy river, and feature spaces such as a splash pad, a slide, and a community room.
- + Energy modelling leveraged during design development validated oil-fired heating as the most economical means of heating the building.
- + Designed with the flexibility to switch to full electric heat in the future.
- + Provided a cost-effective LED lighting control system to enable / disable light fixtures on a scheduled basis and, with the use of photocells, can dim the fixtures to maximize natural light.
- + Provided a lighting inverter system for life safety emergency back-up power, eliminating the need for a standby diesel generator.
- + Mechanical scope included HVAC, plumbing, fire protection, pool recirculation / filtration, and building control systems.
- + A source capture exhaust system seizes chloramines and exhausts them directly to the atmosphere, improving air quality for pool occupants.
- + Plumbing systems include domestic cold and hot water systems, sanitary and storm systems, and low-flow plumbing fixtures for water conservation.
- + Variable frequency drives on the majority of equipment motors save energy and reduce wear-and-tear.

LOCATION
Elmsdale, NS

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical,
Sustainability (Footprint)

SIZE
28,100 sq. ft. (2,611 sq. m.)

BUDGET
\$19 Million

COMPLETION YEAR
2019

HOT BUTTONS

COMMUNITY CENTRE

AQUATICS

SECURITY

TELECOMMUNICATION

ENERGY MODELING

NEW BUILD

