



Centre de traitement des boues – Etchemins



ABOUT THIS PROJECT:

Market Segment:
Wastewater Treatment
Plant

Owner:
Local Government

Products Used:
Xypex Bio-San

Engineer:
Stantec – Quebec

General Contractor:
Solutions Hydriques
QWATRO Inc.

Ready-Mix Provider:
Béton Chevalier –
Beauceville

Location:
Quebec, Canada

The project to renovate the regional septic tank sludge treatment center of the MRC des Etchemins, a facility located in Sainte-Germaine-Station, moved forward with the upgrade, which will also increase its treatment capacity.

Xypex Bio-San offers a durable, cost-effective, and maintenance-free alternative to membranes, particularly for complex or high-exposure structures. Environmentally sustainable, it reduces waste and labour costs while outperforming membranes in harsh conditions.



Xypex Bio-San was crucial in increasing durability, enhancing sustainability, and fortifying the plant against long-term wear. Xypex Bio-San is a uniquely designed admixture for integral, long-term concrete protection in harsh sewage conditions with levels of H_2S that cause microbial-induced corrosion (MIC).

Xypex Bio-San also includes crystalline technology that enables the concrete to self-heal micro-cracks and resist hydrostatic pressure, ensuring lasting impermeability even in extreme conditions.

