



# Poste de pompage Pintendre Lévis



## ABOUT THIS PROJECT:

**Market Segment:**  
Wastewater Treatment  
Plant

**Owner:**  
Local Government

**Products Used:**  
Xypex Bio-San

**Engineer:**  
Tetra Tech - Rimouski

**General Contractor:**  
CAF Charles-Auguste  
Fortier - Quebec

**Ready-Mix Provider:**  
Beton Provincial  
(Quebec)

**Location:**  
Quebec, Canada

The new lift pump station at Poste de pompage Pintendre Lévis required a long-term solution against harsh sewage conditions with high levels of  $H_2S$ .

Xypex Bio-San offered 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 is a uniquely designed admixture for integral, long-term concrete protection in harsh sewage conditions with high 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.

