



Travaux de reconstruction du poste de pompage Quarante-Arpents II Terrebonne



ABOUT THIS PROJECT:		
Market Segment: Wastewater Treatment Plant	Owner/Developer: RAIM Régie d'aqueduc intermunicipale des Moulins	Products Used: Xypex Bio-San
Engineer: Les Conseillers BCA Consultants Inc., BHP Conseils	General Contractor: Allen HEAD OFFICE - St-Henri	Ready-Mix Provider: Lafarge GMA - Laval
Architect: Atelier Jean Damecour	Location: Quebec, Canada	

The City of Terrebonne, Quebec, undertook a critical infrastructure modernization initiative, constructing a new water treatment plant to enhance water quality. The new water treatment plant required a long-term solution against harsh sewage conditions with high levels of H₂S.



Xypex Bio-San is a uniquely designed admixture for integral, long-term concrete protection in harsh sewage conditions with levels of H₂S 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.

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.

