

PROJECT PROFILE



Project: Digester repair and waterproofing using Cem-Kote Flex CR, Orillia, Ontario, Canada

Designer: Ainley and Associates Limited, Collingwood, Ontario

Contractor: Devonshire Restoration and Building Services

Gemite products: **Cem-Kote Flex CR**

Objective: waterproofing and H₂S protection of interior concrete walls of a digester tank in the Orillia wastewater treatment facility. The surface was cleaned by high pressure wash, 5,000 psi and **Cem-Kote Flex CR** was spray-applied and then brushed, in two coats, to total thickness of 1.6-2 mm. The project was carried out in 2001. The inspection of the tank in 2011 showed no deterioration, just a white color slime (protein) created by the bacteria converting H₂S to sulfuric acid



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