

Biorem Odour Control System



Case Study Details

DESIGN CRITERIA	INFLUENT	REMOVAL
FLOW: 7000 cfm		
H ₂ S:	5 mg/l (avg) 100 mg/l (max)	99%
Organic:	2 mg/l	70%
Odours:	150,000 D/T INLET	350 OUTLET

The wastewater treatment plant at the Mid-Halton WWTP, in Oakville Ontario is nearby several households and one of Canada's busiest highways. The Biorem odour control biofilters draw air from the biosolids processing building.

To handle the odours, the Region of Halton and AECOM Consulting decided on using a Biorem biofilter to treat the air from the building. As space was at a premium in the plant, the Biorem Basys Modular Biofilter system was the ideal choice as a solution to this problem. The system was installed in 2009 and has been operating successfully since then, with no odour complaints from local residents.

The Biorem Basys 44X systems contain Biosorbens inorganic biofilter media, which has a minimum 10 year guaranteed lifespan.

Engineering Consultant: AECOM
Installation Contractor: SUTHERLAND-SCHULTZ MECHANICAL
Start-Up: 2009