

Case Study

Niigon Technologies
MacTier, Ontario

Iron Removal Treatment System



Niigon Technologies, required a treatment system to reduce the iron levels in their raw water entering the facility.

H2flow provided an economical system comprised of chlorination, green sand filtration and dechlorination. The system was designed to provide an average day flow of 13.5 m³/hr with a peak of 20 m³/hr.

H2Flow provided the installation in conjunction with GridIron Mechanical in September of 2009.

The system has been achieving the following removal performance:

	<u>Influent(mg/l)</u>	<u>Effluent(mg/l)</u>	<u>AO Limit(mg/l)</u>
Fe	1.0 to 2.3	0.04	0.30
Mn	0.2 – 0.4	0.03	0.05

H2FLOW EQUIPMENT INC.