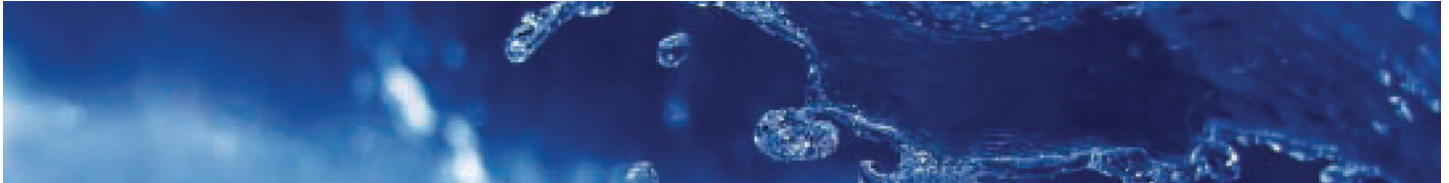




008: Loughborough University Pool

FTLEISURE



Client: Loughborough University

Main Contractor: FT Leisure

Project Value: £3,500.00

Completion Date: October 2005

Project Overview:

Loughborough Pool is a British High Performance Centre. The 50m long by 20m wide metre pool is used by some of the UK's leading athletes for training and development.

The original water treatment and filtration system incorporated a CO2 gas system for pH correction. The operators were struggling to manage pH levels and were using very high volumes of CO2, causing both economic and operational difficulties. F T Leisure were therefore appointed to provide a solution.

After water analysis and testing, we established that the CO2 was not adequate for the volume of water at this facility. F T Leisure therefore specified, designed and installed a Hydrochloric Acid dosing system with 2No day tanks, dosing pumps and dilution systems.

The dosing system was housed in a bespoke polypropylene acid cabinet, designed and manufactured in-house by F T Leisure. The cabinet incorporated forced mechanical air extraction to ensure that the aggressive chemical system did not corrode other equipment. The cabinet also featured sliding Perspex doors for ease of access for general maintenance.

Since installation, the correct water balance is now maintained.

