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As the chief maintenance Manager of Next Generation Memorial Drive I oversee all aspects of the physical stability and maintenance of one of Australia's foremost health clubs. With regard to the water treatment side of this large operation there are two 25 meter members pools -one indoor the other outdoor, a children's pool, two spa areas, saunas up and downstairs and large numbers of shower facilities in the change rooms.

Hydrosmart was first installed into one area at the club in September 2000 when a scaling issue was repeatedly causing blockage to a steam generator for the new steam sauna. After several months we could see that the technology had worked effectively at taking away and preventing any further scale build up as was promised by the company.

As a result of this and the companies broader claims about using the technology on pools, spa's and showers we adapted a Hydrosmart - smart water care regime in June 2001 through the use of their product on many aspects of water use around the Health and Life Style Club to provide healthy water for the club members and healthier maintenance outcomes for management.

Outcomes have been;

**Indoor and outdoor pool** has required approximately 15% lower chlorine dosing with softer water brought about by Hydrosmart allowing lower chlorine usage to achieve the same free chlorine levels required for bather safety. This amounts to lower chemical costs as well as healthier water for members with less damage to swimmer's bathing costumes.

Another outstanding point on the indoor pool has been we experience consistently high clarity and water quality. This has the pool's manager; Louise Ibbotson saying it's the easiest most stable commercial pool she has ever maintained, requiring little or no tile cleaning or algae control. The indoor chlorine smell has been low for so long that we can't remember what it was like before Hydrosmart was fitted back in 01.

The Hydrosmart on the pool's return line was upgraded in May 06 with a new boosted unit which caused a marked increase in clarity and stability, even at peak times with large loads of members.

**Sauna maintenance** has been low since installing the Hydrosmart with no scale issues or algae issues in the steam sauna, which the manufacturers say, is due to the steam carrying the frequencies reducing algal growth problems and making for healthier tiles, grout, steam and odour control.

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