




Project name	
Irrigation and Landscape Efficiency Project – Hudson Park Golf Course turf upgrade	
Summary of works	
<p>The Irrigation and Landscape Efficiency Project (ILEP) was one of seven projects in the Hawkesbury-Nepean River Recovery Program and was managed by Sydney Water. The project helped to increase Sydney's water supply security by improving potable water-use efficiency in open space irrigation for 133 sites across Sydney. The savings were achieved by using improved technology and a range of land and site management practices to increase environmental flows in the Hawkesbury-Nepean River.</p>	
Participants	Strathfield Council – Hudson Park Golf Course
Stakeholders	Hudson Park Golf Course staff and patrons
Water source	Sydney's potable water supply
Cost of works	\$125,000 (50 per cent of which was contributed by the Australian Government through ILEP)
Water savings	Up to 12 million litres per year, contributing to the 1090 million litres per year of water savings achieved by ILEP
 <p>Sydney Water's Normunds Ronis, Strathfield Deputy Mayor Helen McLucas and Sydney Water's Darren Atkins at the completion of new turf installation at Hudson Park Golf Course</p>	
About the works	
<p>New drought-resistant turf was installed on the 18 playing greens and two practice greens at Strathfield Council's Hudson Park Golf Course in Sydney. For the first time at an Australian golf course, a SeaDwarf® Paspalum variety was used for its drought resistant, disease and saline-tolerant properties as well as its high colour-retention quality.</p>	
Motivation	
<p>The Hawkesbury-Nepean river system is an important asset for New South Wales and provides the bulk of Sydney's water supply. The system is also the most stressed in the State and action is needed to:</p> <ul style="list-style-type: none"> • manage water extraction • protect the volume of water that is designated to remain in the river for environmental benefit • enable water users to manage water use more efficiently. 	





Benefits

The turf's properties allow for significant reductions in water, chemical and fertiliser consumption; reduced requirements for ongoing maintenance; and increased reliability and playability of the course by maintaining good playing conditions through the hottest and coldest months of the year. The revolutionary turf, combined with an irrigation system upgrade and landscaping works has resulted in a saving of 12 million litres of potable water per year and a potential annual saving of \$40,000 for Strathfield Council.

Outcome

Due to the success of the project, Strathfield Council received a Highly Commended award at the 2012 Local Government Excellence in the Environment Awards in the water conservation category. Mayor of Strathfield Cr Paul Barron said the project was an important major sustainability achievement for Strathfield. "The Hudson Park Golf Course project was successful in delivering a better quality community golf course and will see a reduction in environmental impacts and operating costs associated with maintaining a public golf course," Cr Barron said.

Contact the NSW Office of Water

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