



**Melinda Pavey**  
Minister for Water, Property & Housing

## **MEDIA RELEASE**

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### **INNOVATION TO COOL WESTERN SYDNEY**

The burgeoning Western Parkland City will be smarter, cooler and greener under a new approach to planning and development.

Minister for Water, Property and Housing Melinda Pavey said a report released today, led by Sydney Water in partnership with leading architects, engineers and urban designers, demonstrates how new designs can reduce temperatures in Western Sydney by up to 4.6 degrees.

“Through innovative streetscape design and stormwater capture, we can significantly reduce the impact of hot, dry weather on our natural landscapes and built infrastructure,” Mrs Pavey said.

“The Urban Typologies and Stormwater Management report demonstrates the smart planning techniques that will guide development across Western Sydney and help reduce the Urban Heat Island Effects.”

Sydney Water Managing Director Roch Cheroux said, the report was commissioned to help influence the design of buildings, open spaces, streetscapes and green corridors to deliver a true Parkland City, in what is currently one of the hottest and driest parts of Greater Sydney.

“Applying cooling actions such as permeable surfaces, tree planting, vegetation and irrigation will help to cool down Western Sydney, with modelling showing the number of extreme, very strong and strong heat-stress days per summer, decreases dramatically from 47 to 19 days.”

“Adopting the best practice urban typologies and integrating watercycle management into the earliest stages of strategic land-use planning, promises fantastic benefits to workers and residents, improves the health of our waterways, and supports the economic vibrancy and competitiveness of our city.”

Oscar Stanish, Project Leader, Architectus said the project identifies new benchmarks for the integration of urban design, planning and sustainable stormwater management.

“Its implementation will achieve the NSW Government’s objectives of a cool, green and sustainable Western Parkland City,” Mr Stanish said.

Alan Hoban, Project Lead, Bligh Tanner added, “this is the first time in Australia that a new city is being designed to deal with the challenges of future climates.”

**MEDIA: Jessica Cole | 0448 722 437**