



**Waste Authority**

## **MEDIA STATEMENT**

### **Paving the way with crushed recycled concrete**

A significant amount of the estimated 1.9 million tonnes of construction and demolition (C&D) waste currently ending up in landfill could be used in road base construction according to a report released today by Authority Chairman, Mr Barry Carbon.

The project, undertaken by Bowman and Associates, conducted tests to determine how well materials provided by four Perth C&D recyclers - Veolia Environmental Services, All Earth Group, Capital Demolition/Earthworks and C& D Recycling – met Main Roads WA (MRWA) Specification 501. This specification was revised in August 2006 to include specifications for recycled concrete road base.

Mr Carbon said the project consolidates the findings from MRWA's own trials in 2004 in which crushed recycled concrete was used in a 400m section of the Gilmore Road upgrade in Kwinana.

“These trials certainly paved the way for further testing especially as they showed crushed recycled concrete is a superior base-course to the crushed rock base commonly used,” he said

“C&D waste has been successfully used in road construction overseas and in the eastern states for years. The recycled concrete industry in WA is in its infancy compared to the eastern states but it makes a lot of sense – environmentally, economically and socially to recycle waste materials in this way.”



## Waste Authority

“There’s a way to go yet but the results are very encouraging and we’re confident that with MRWA’s indication of its preparedness to use these materials, the C&D recycling industry can provide a continual supply to specifications to meet any future demand.”

The report is available on the Authority’s website [www.zerowastewa.com.au](http://www.zerowastewa.com.au)

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