

## PRIORITY SEWERAGE PROGRAM (PSP)

<b>Client:</b>	Sydney Water Corporation
<b>Delivery Method:</b>	Alliance Partnership
<b>Project Duration:</b>	2002 onwards
<b>Program Value:</b>	\$250 million

### PROJECT DESCRIPTION

In 1997, the Government announced the Priority Sewerage Program (PSP) which nominated 10 suburbs, towns and villages with high environmental sensitivity for improved sewerage services. When completed, it will provide improved wastewater services to unsewered urban areas of Sydney and the Upper Blue Mountains regions. The Program is being carried out through eight schemes, providing reticulated sewerage services to nearly 6,400 lots.

The PSP is a unique program because its construction has significant impact on the local community. Communities are demanding greater levels of involvement and consideration in the execution of works.

### OUR SOLUTION

In order to successfully deliver the Program, Sydney Water formed an Alliance. The Alliance is made up of a very impressive team comprising of Sydney Water, MWH, John Holland Water, United Group Infrastructure and Manidis Roberts.

The Alliance Team has worked towards making the PSP a 'ground-breaking' project on several accounts. It is the first wide-scale installation of low-pressure sewerage systems in Sydney Water's area of operations. It is also the first time Customer Home Plans have been used and it is the first use of positive displacement pumps in Sydney Water sewerage pumping stations.

The PSP program has provided the opportunity to deliver major capital infrastructure investment through alliancing. This has paved the way for superior results through innovative use of technology and a project multi-disciplinary approach. Alliancing also provides flexibility for Sydney Water with respect to time targets, and to the contractor in managing both cost and non-cost targets.



### KEY OUTCOMES

- The PSP is allowing customers and the community to see that Sydney Water takes into account social and environmental concerns can provide innovative world class solutions, and involves the community in the delivery of promised solutions.
- The culture adopted by the Alliance is paving the way for constant learning and advancements that has the potential to save millions of dollars, as well as saving time and ensuring better customer relations.
- The new technology used (pressure sewerage, customer home plans, 3-D CAD) is delivering both capital and operating cost savings.

### ALLIANCE PARTICIPATION

- Alliance Leadership
- Alliance Program Management
- Program Management
- Program Services Management
- Delivery Management
- Project Management
- Target Cost Estimating