

Wagga Wagga Chooses E/One Sewer Systems



E/ONE SEWER SYSTEMS ALLOW WAGGA WAGGA TO PROVIDE SERVICE TO REMOTE AREAS

Wagga Wagga City Council were the first Australian Council/Water Authority to release a Tender for a pressure sewer system and through their Pipes Wagga program and the release of the Wagga Wagga Pressure Sewer Protocol have provided significant assistance for many other authorities who have looked into utilizing pressure sewer technology, establishing Wagga Wagga City Council at the forefront of pressure sewer technology in the Australian market.

Council were faced with extending sewer services to five villages. Many alternative sewer system technologies were evaluated, with pressure sewer being selected as the most cost effective and reliable option available. Pressure sewer technology also had the benefit of being significantly easier to retrofit in the established residential areas that council was looking to sewer.

When Council decided it had to extend sewer services to

five villages we investigated a wide range of options eventually selected pumped sewer systems. Our original question “why a pumped sewer system?” became “why not a pumped sewer system?” said Colin Earnshaw, Wagga Wagga City Council.

Among Council’s most important issues was ensuring the remote areas to be sewered were going to receive at least as good a level of sewer service as the existing central city region. Following further investigation Council determine the best way to ensure this was to use the Environment One (E/One) sewer system.

“On further investigation we choose E/One pressure pumps. We are very pleased with the E/One equipment, along with the service provided by the local supplier,” said Colin Earnshaw.

Council found that E/One pressure sewers are:

- cheaper and significantly easier to retrofit
- very reliable with few callouts

- avoid almost all of the issues and problems of extending gravity sewer into our unsewered areas
- allow us to provide the same level of sewer service to remote areas as to our central city.

Why was the E/One pressure sewer system the most cost effective alternative for Wagga Wagga City Council?

E/One sewer systems are typically extremely cost effective in flat, wet, rocky and hilly locations. The regional areas sewered by Wagga Wagga Council were in relatively flat areas and had the added bonus of being semi-rural lots wide most lots being measured in acres. The larger lots generally result in significant street frontages. The increased distance between connections add significant costs to the gravity sewer alternatives due to the larger street mains that are common in gravity sewers and the costs associated with installing these pipes.