



Gravity Sewer Main Relining and Repair Project

Balranald sewerage system was constructed in 1982 with a projected life span of 60 to 80 years and consists of over 21km of underground pipe, manholes, pumping stations and treatment works and would cost in excess of \$12M to replace.

Council has identified a number of sewage collection sub-catchments that are critical to its operations that exhibit either poor condition, a high degree of infiltration inflow, or have used a significant portion of their useful service life. In view of this, Council has decided to implement a project to rehabilitate these sewers to reduce infiltration inflow and to provide an effective service life of at least fifty years.

Installation, maintenance and renewal of a high quality sewerage system is an essential service for ensuring public health, amenity, and environmental protection for the residents of Balranald. As sewers age they deteriorate, or are damaged by ground movement, trees roots, poor connections, corrosive gases or liquids. They may become structurally unstable, prone to blockages, or allow infiltration of rainwater into the system.

Trenchless sewer repair techniques are adopted where practical to minimise the disruption of repairs, but sewer maintenance will cause short term impacts on residents and the wider community.

A contractor "**Interflow Pty Ltd**" has been appointed to carry out a variety of works and repairs and activities are scheduled to commence this week and be carried out over the next 6 months.

Individual properties will be advised of works in their area as the program progresses through the town.

Cleaning activities usually involve access to open maintenance holes to clean and inspect pipes and structures. This includes manholes on private property. A 2-4 tonne vehicle parks adjacent to the manhole if possible, or as close as practical. Potential impacts include, vehicles and workmen, extra traffic, noise and odours, possible blocking of footpaths and driveways for short periods.

Lining activities usually involve access to upstream and downstream maintenance holes to clean and CCTV and install a liner into the pipe. This includes manholes on private property. House services will not be available during lining and curing, and detention or bypass is undertaken. Access for a small excavator or equivalent is required to one manhole. Several 12 tonne vehicles and some smaller vehicles will be parked nearby. The process also involves sewer cleaning, CCTV before and after, cutting and sealing of lateral connections, and possibly installation of junction liners. Potential impacts include, vehicles and workmen, extra traffic, noise and odours, possible blocking of footpaths and driveways for short to medium periods (24hrs) and parking of large vehicles in the street.

For further information please contact Councils engineering department 0350201300