



# Tungamah Town Pool Project Tungamah, Victoria

Nuflow Albury Wodonga were called to investigate devastating pool water leaks in the Tungamah Town pool at the Tungamah Primary School, in March 2011. For three consecutive summers the small town 20 minutes from Yarrawonga had to suffer without water to swim in at their only public pool. Each time the pool was filled it was simultaneously emptied, through a nasty leaking pump pipe beneath the concrete pool. Desperate efforts by numerous plumbers, pool professionals and other specialists bore no results, as none could stop the leaking 225mm asbestos cement pipe beneath the pool.

On our arrival we found a large empty concrete pool surrounded by an enormous excavation that had been made by previous contractors, in attempts to locate the water leak. The pipe was cut open at the point at which the pipe came through the limits of the concrete pool, which was used for our upstream access. The pump line went to a covered pit in the deepest point in the pool which was used as downstream access for the lining process.



## CCTV Inspection

After viewing our CCTV footage of the pipe it became apparent the leak was attributed to the poor condition of this aged AC pipe beneath the concrete pool. The line required jetting to remove scale and debris washed into the pipe from recent rains before lining commenced.

## Result after Relining

**Nuflow Albury Wodonga installed another successful reline!**

Excavation: None required.

Length of Liner: 14.7m - installed in two individual sections.

Type of resin used: Slow cure

Downtime: no interference with adjacent school as the liner was installed in the afternoon and left overnight with slow cure. The pool was able to be refilled immediately at the time of bladder removal.



## Alternatives

The alternative to relining of this project would be to cut and excavate the base of the pool and repair the pipe the conventional way. This certainly would have been a near impossible mission, firstly with access of the highest difficulty not to mention the task to return pool's aesthetics to that of the original. This would have scaled into devastating costs for the Tungamah Shire. In addition to this, the significant interruption by essentially turning the adjoining Primary School into a commercial building site, was avoided. Prospective tradesmen, noise from plant and equipment and spoil disposal for the course of the repair, would have made for such a disturbing inconvenience.

Using our **Nuflow relining** method to carry out this repair ensured that any cost and inconvenience was kept to a minimum and that the leak was sealed with the new liner, leaving an 'as new' pipe.