

# Silvan Reservoir

## Australia

**Installed July 3, 2006**

Silvan Reservoir is located in Southern Australia and supplies Melbourne with approximately 80% of their water. The reservoir has three inlets: two from the Upper Yarra, and one from Coranderrk. The maximum volume of the reservoir is 40,000ML and the maximum depth is 40m.

Two Lake Diagnostic Systems were installed on July 3, 2006. One is located in the stream bed at approximately 34.5m water depth at full supply level and approximately 200m from the dam wall. The second one is located in the upstream end of the reservoir bed at approximately 22.5m water depth at full supply level. The LDS will monitor thermal stratification and internal wave activity in the water column and meteorological conditions over the reservoir.

