

## LAKE SYSTEM

The lake system at Sandhurst Club is a natural water body system that forms part of a larger drainage catchment. The system accepts stormwater from this larger catchment, as well as stormwater from the Sandhurst Club land, before storing and treating the water in a variety of structures including the lakes.

The system is heavily dependent on the quality of water received from the upstream catchment. This catchment is largely rural and relatively undeveloped. For this reason, the quality of the water can fluctuate.

Because this upstream stormwater is uncontrolled, the lake system has been designed for visual amenity only. Active use of the lake system, such as swimming, fishing and boating, is prohibited.

The lake system Sandhurst Club land will, for the most part, meet a high level of presentation. A recirculation pump system is being installed to maintain lake water levels around Sandhurst Island at or close to their top water level as far as is practicable. The system is designed to be equal to or better than the standard of other urban lake systems in Melbourne.

However, at times, the treatment structures will be unable to satisfactorily treat large quantities of low quality stormwater. In these instances, like other lake systems in Melbourne, algal blooms may occur. These periodic algal blooms are not expected to occur on a frequent basis.

Planning and design of additional treatment structures to be installed in the upstream catchment is continuing, including the areas immediately upstream of Sandhurst Club. The installation of these structures should further reduce the occurrences of algae within the Sandhurst lakes. No natural system, however, can be guaranteed against periodic algal blooms.

The Sandhurst Club lake system is a significant achievement that will provide residents with an impressive and enjoyable outlook. It is important to also understand that it is part of a natural system. The Sandhurst Club lake system will give residents enjoyment through the observation of plant and animal life, particularly birds. Periodic algal blooms that may occur should be recognised as part of this life cycle.



*Sandhurst Club reserves the right to vary this information sheet at anytime as required without notice.*

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