



#### LOCATION

Glenelg, South Australia

#### CLIENT

Oaks Glenelg Liberty Suites

#### DETAILS

Renovation

#### FEATURES

New Presurised Sand Filters  
Upgraded Hydraulics  
New Chemical Controllers & Dosing Systems  
Balance Tank Revitalisation  
New Heating & Cooling  
Regrouting with Epoxy

## Oaks Glenelg Liberty Suites

With views overlooking Glenelg Marina and the Gulf of St Vincent, Oaks Glenelg Liberty Suites comprises 3 pools – a lap pool, plunge pool and spa. The pools were built around 20 years ago by Statewide Pool Services, Hydrilla's founding company.

The original infrastructure from around 20 years prior was a unique set up; all three pools were operating on one system. This means that if a fault or issue occurred with one pool, all pools became unavailable. A combined system is not uncommon for small facilities or facilities with limited plantroom space but naturally present their own complexities.

The water treatment system was still in use at Oaks Glenelg Liberty Suites but had exceeded its usable life. Additionally, since designed, the health department regulations for commercial pools and spas had changed (to implement higher turnover rates) meaning the current system set up was not meeting the updated requirements. To meet the new regulations, the options were to either increase the size of the filters and pumps or separate the current system into 3 individual systems (one per pool) which allows for better chemical monitoring, heating/cooling and issue management. Individual systems made the most sense for this project.

This renovation was comprised of two stages: demolition and installation. Demolition included disconnecting the filters, disposing of the filter media and assessing the space to accommodate additional hydraulics in creating individual systems.



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## OAKS GLENELG LIBERTY SUITES

Upon removal of the equipment that had passed its usable life, concrete cancer was discovered in the plantroom floor. This was unexpected but not impossible to correct. Hydrilla contracted a specialist to fix the concrete cancer to allow for an epoxy coating to the floor which helps with cleanliness and minimising future degradation.

The installation of new and additional infrastructure into the same small space presented many challenges which our multi-disciplinary team worked through together to overcome. The additional hydraulics to complete the individual systems had the potential to create a visual knot of pipework, but Hydrilla's plumbers, with over 100 years of experience in hydraulic design and renovation found a way to make it straightforward for our client to manage on an ongoing basis. Lastly, some cosmetic upgrades to the spa and plunge pools included regrouting with epoxy grout. Previously grouted with cementitious grout, epoxy grout is more resistant to the high temperatures that occur in the spa pool.

Hydrilla are proud to be the ongoing servicing and maintenance provider to Oaks Glenelg Liberty Suites to ensure the new systems continue to perform to the highest standards and provide crystal clean and clear water for guests to enjoy.

Hydrilla expertly managed the complete demolition of our existing plant room and equipment, followed by the installation of a brand-new, state-of-the-art facility. What stood out the most was their unwavering commitment to health and safety protocols, ensuring that all work was completed without compromising our facility's safety standards.

Facilities Manager,  
Bindi Ferando



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