

Glenlyon Dam

Glenlyon Dam is owned by the Border River Commission and operated and managed by Sunwater. It is located on Pike Creek near the Queensland and New South Wales border, between Stanthorpe and Texas. The dam was commissioned in 1976 and provides water for irrigation of grain and fodder crops. The river manager is Water NSW with joint services for water deliveries and meter reads performed by Sunwater on the Queensland side of the border. Glenlyon dam is an earth and rock fill wall and an ogee-crested concrete spillway and has a storage capacity of 254,000 ML.

What is Sunwater's role in managing the dam?

Sunwater provides the following services:

1. expert operations and maintenance of Glenlyon Dam
2. and associated works
3. asset management including condition monitoring, preventive and corrective maintenance and long-term asset refurbishment planning and delivery
4. emergency management including the Emergency Action Management Plan available to view at data.dnrm.qld.gov.au/eap/glenlyon-eap.pdf
5. providing downstream residents with SMS messaging about dam operations and outflows.



Ross River Dam

About

The Ross River Dam is located 19km southwest of the City of Townsville and is owned by [Townsville City Council](#). The dam consists of an 8400m long earth and rock-fill embankment, a catchment area of 750 sq kms, and has a storage capacity of 233,187ML.

View [current water levels here](#)

The dam was constructed by Leighton Holdings between 1971 and 1974, and was upgraded in 1987 and again in 2007 when three spillway gates were installed.

Water use

The Ross River Dam primarily serves as a water supply dam for the people of Townsville. It is not prescribed as a flood mitigation dam under the [Water Supply \(Safety and Reliability\) Act 2008](#).

Sunwater's role

Sunwater has been the dam operator for 11 years and is contracted by Townsville City Council, the dam owner. Sunwater operates the dam in accordance with the Standard Operating Procedures and Operations and Maintenance Manuals for the Ross River Dam, the [Emergency Action Plan](#), and otherwise as directed by the Townsville City Council.



The current service contract expires on 30 June 2019, and we have been in discussions with Townsville City Council about the transition of operations since mid-2018.

From the 1 July 2019, Townsville City Council will take over the operational responsibilities of the Ross River Dam. This means, Sunwater will no longer operate the Ross River Dam from this date forward.

Services provided to Townsville City Council

1. Routine operations and maintenance of Ross River Dam
2. Asset management including:
 - condition monitoring, preventive and corrective maintenance and long-term asset refurbishment planning
 - dam safety risk assessments
 - dam surveillance, monitoring and reporting
 - maintenance and review of facility operations and maintenance manuals.
3. Provision of emergency response services in line with the [Emergency Action Plan](#) and under the direction of Townsville City Council.

Flood warning services

Townsville City Council and the Local Disaster Management Group are the lead agencies that issue flood warnings and messaging to local communities.

Sunwater continues to operate the dam during flood events in accordance with the Emergency Action Plan and direction from Council.

Downstream resident and community messaging about the dam operations and outflows are also provided by the Council at:

- [Water, Waste and Environment](#)
- [Emergency Management Dashboard](#)

Scrivener Dam

Scrivener Dam owned by the Australian Government and Sunwater operates and manages this dam through a contract with the National Capital Authority. The dam is located on the Molonglo River in the suburb of Yarralumla, in the Australian Capital Territory. The purpose of Scrivener Dam is to maintain the level of Lake Burley Griffin at EL 555.93m (\pm 150mm), which is a recreational amenity and ornamental lake.

Construction commenced in 1960 and the dam was first filled in 1964. Scrivener Dam is a concrete gravity dam with a five-bay spillway controlled by 5 hydraulically operated fish-belly gates and has a storage capacity of 33,700ML.

What is Sunwater's role in managing the dam?

Sunwater provides the following services to the Australian Government:

1. expert operations and maintenance of Scrivener Dam
2. asset management including:
 - condition monitoring, preventive and corrective maintenance and long-term asset refurbishment planning and delivery
 - flood operations services, flood operations management and operational monitoring
 - signage, fencing in areas where its deemed required and general facility monitoring and surveillance by operations staff
3. development and maintenance of facility operations and maintenance manuals



Downstream resident and community messaging about dam operations and outflows is provided by the National Capital Authority <https://www.nca.gov.au/national-land>