

Leslie Harrison Dam



Quick Facts

Leslie Harrison Dam / Tingalpa Reservoir

Water Course:	Tingalpa Creek near Capalaba
Location:	Tingalpa Creek near Capalaba
Catchment Area:	87km ²
Storage Capacity	24800 mega litres
Spillway length	42.7 m
Full storage level	18.3 m
Full Supply Capacity:	24,868 ML
Year Complete:	1984
Full Supply Waterline:	18m AHD
Outlet System:	Vertical lift gated spillway
Type of Construction:	Zoned earthfill embankment
Length of Dam Wall:	525m
Embankment Height	25 m
Crest width	6 m





Tingalpa Reservoir

Tingalpa Reservoir was proposed and dam construction commenced in 1966. In 1967 the Leslie Harrison Dam was completed, thus creating Tingalpa Reservoir. It took until 1970 before the dam was full and water flowed over the spillway. The catchment for this dam is home to one of the largest koala populations in the state.

Tingalpa Reservoir created by Leslie Harrison Dam has a capacity of 25,000 ML, maximum depth of 18 m and a catchment area of 88 km².

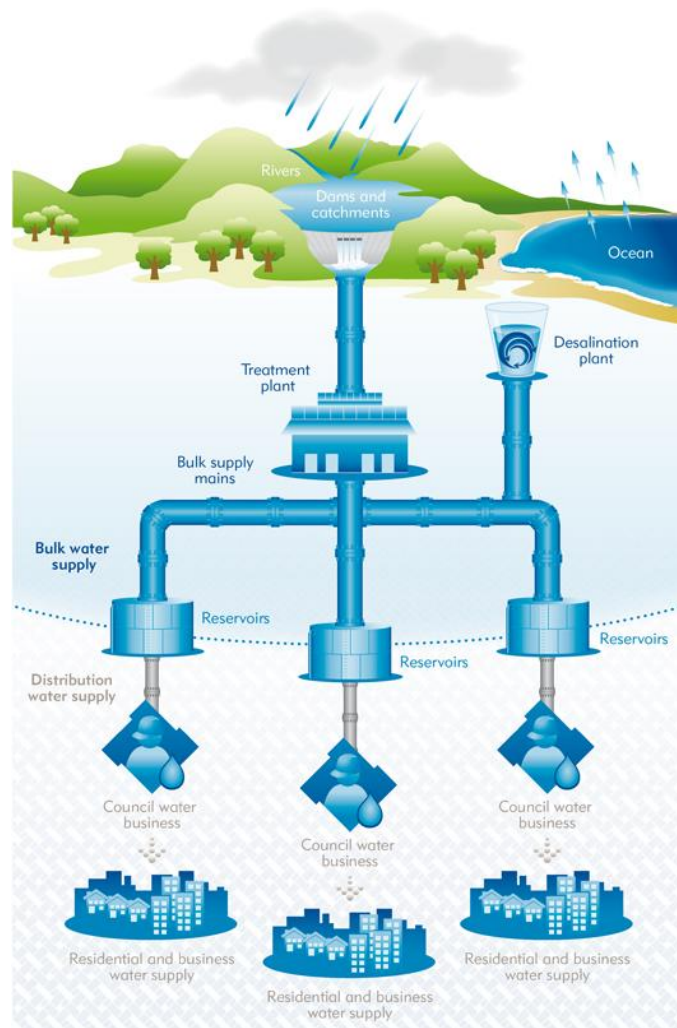
The catchment is vulnerable to contamination. Development is increasing and there are numerous roads, light industries, feedlots, a Logon City sewer pump station and small acreages with septic systems within the catchment. Recreational activity on the reservoir itself is highly restricted. Some recreational activities, such as exercising of horses and picnicking take place on the lake shores. Weeds such as salvinia, water lettuce and water hyacinth sometimes cause problems in the reservoir.

The SEQ WATER GRID dams, owned and managed by Seqwater collect the annual water yield for south east Queensland. Collection and delivery of water involves the streams and catchment areas of south east Queensland. A major objective of our management of the dams is to maintain and improve the quality of the water so that we can treat the water delivered without incurring excessive treatment costs. The catchments for the dams support active and growing communities plus important industrial and rural activities. This creates a challenge for Seqwater to manage the quality of water entering, and contained within the dams.

Seqwater is undertaking initiatives to manage water quality risks through interaction with landholders, catchment and local groups, State regulatory authorities and Local Governments. We are committed to working with these groups to understand and reduce the risks that may impact upon the quality of water.

Water is essential for the maintenance and nourishment of life on the planet. In today's modern world we take for granted the simple process of turning a tap and enjoying the bounty, but the process of delivering quality water to your home or business is an interesting journey. Let us share the process with you.

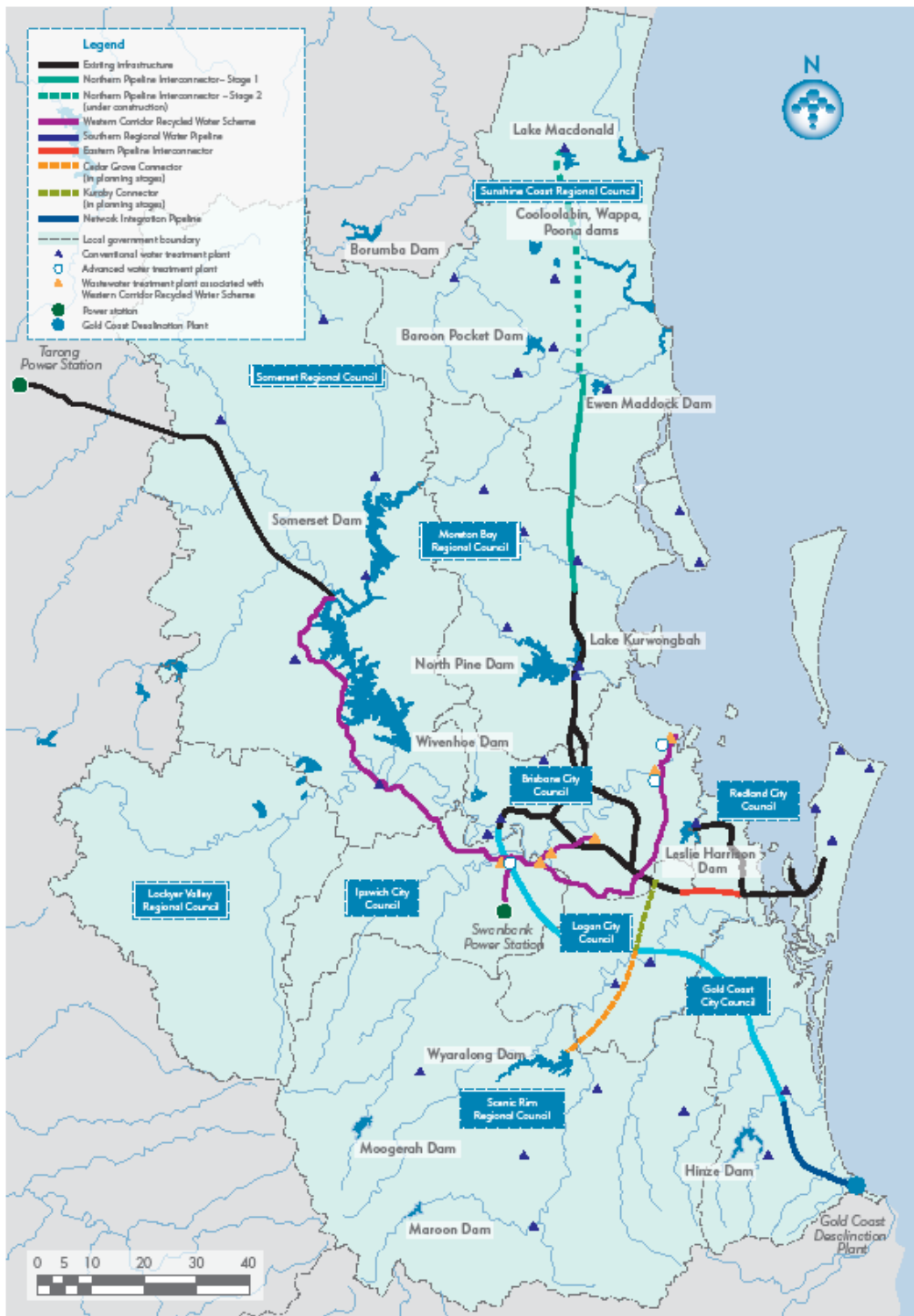
The chart below illustrates the water cycle, where water falls from the sky, runs off the land, is collected in water storages (dams), then released, treated and distributed to the public and industry.



Seqwater is responsible for the critical components of the source or catchment, collection, storage, treatment plants and water supply to our customers. We maintain the storages so there is sufficient water during dry years, to minimise impact on the environment, and maintain and improve the quality of the water.

We also manage flood events to minimize flood damage downstream from the dams.

The SEQ Water Grid



SOURCE STORE TREAT SUPPLY

