

Clarrie Hall Dam and Crams Farm

Providing storage for the Tweed's water supply.



Clarrie Hall Dam is set amongst picturesque forest. The primary function of the dam is to provide storage for Tweed Shire's water supply.

When required, water is released from the intake tower through the wet and dry tunnel and cone valve and flows down the Tweed River. From there water for the Tweed Region's domestic water supply is drawn off and treated at the water treatment plant.

Cost:

Construction of the dam commenced in 1974 and was completed in 1982. The current cost of construction is estimated to be about \$34 million, and annual maintenance costs about \$100,000.

Destratification Unit:

The aim of the mixer is to eliminate different temperature and increase oxygen levels within the dam significantly reducing conditions favoured by Blue Green Algae (BGA) blooms and improving the quality of the water.

Clarrie Hall Dam Draft Management Plan:

Tweed Shire is one of the fastest growing areas in New South Wales, with a growth rate of over 4 percent. Within a few years this will place extra pressure on water supply management systems.

The main objectives of the Clarrie Hall draft management plan are to:

- Maintain acceptable water quality in accordance with public health standards for an off-stream regulation storage.

- Facilitate the controlled recreational use of the water and adjacent public land.

Initiatives include:

- Discouraging land subdivision and closer development within the catchment area.
- Prohibiting feed lots within the catchment.
- Controlling erosion.



Spillway January 2008 during minor flood.

Clarrie Hall Dam and Crams Farm Continued . . .



Recreational Uses – Clarrie Hall and Crams Farm:

- Picnicking and other outdoor activities for families.
- Bush walking.
- Sports fishing.
- Bird watching.
- Photography.
- Canoeing.
- No dogs allowed.

Facilities at Clarrie Hall Dam include toilets, picnic areas and electric barbecues.

Facilities at Crams Farm include an extensive area for recreation with electric barbecues, picnic facilities and toilets.



Fishing:

Clarrie Hall Dam has been stocked with over 300 000 Australian Bass Fingerlings since 1991. The NSW Fisheries regulations apply and restrict the taking of Bass to two (2) per person with only one (1) fish permitted over 35cm in length. Non petrol/diesel Boating access is available at Crams Farm Recreational Area during daylight hours only. The Australian Bass Association are strongly promoting fishing at Clarrie Hall Dam as a recreational catch and release fishery only, using barbless Hooks and artificial lures.

Stocking figures:

2001 Oct/Dec	20 000 fish	Council/Fisheries
2003	20 000 fish	Council/Fisheries
2004	20 000 fish	Council/Fisheries
2005	20 000 fish	Council/Fisheries
2006	30 000 fish	Council/Fisheries
2006	11 500 fish	ABA (Australian Bass Assoc.)
2008 July	22 000 fish	Council/Fisheries
2008 August	21 000 fish	Council/Fisheries
2009 October	20 000 fish	Council/Fisheries

Boating Activities:

To maintain the water quality within the dam storage area, the use of boats with petrol or diesel powered motors is strictly prohibited. Motors must be removed from boats before using the dam waterways. Electric motors, sail boats, oared boats and canoes are permitted.