

BRITISH DAM SOCIETY 21st BIENNIAL CONFERENCE – NOTTINGHAM UNIVERSITY**Conference Tour – Friday 16th September 2022****Severn Trent Water - Carsington Reservoir**

The tour will visit Severn Trent's Carsington reservoir and will provide an insight into the history of the reservoir following its initial failure during construction. The tour will leave the university at 13:00 and return by 17:00.



Carsington Reservoir is located 5 kilometres south west of Wirksworth, Derbyshire on the Henmore Brook. It is the ninth largest reservoir in England. The dam is 34.3m high, by 1200m long, and the reservoir has a capacity of 36,000,000m³. It is primarily pumped storage, used to supply Water Treatment Works in the Derbyshire area.

The reservoir takes water from the River Derwent at Ambergate during winter months, pumping up to the reservoir by 10.5-kilometre (6.5 mi) long tunnels and aqueduct. Water is released back into the river during summer months for water abstraction and treatment further downstream.

Planning for the reservoir started in the 1960s with actual construction starting in 1979. In 1984 there was a partial collapse of the dam prior to its filling. The dam was subsequently completely removed before the construction of a new dam commenced in 1989, with completion in October 1991. The finished reservoir was opened by Queen Elizabeth II in 1992.

Today, the reservoir is also utilised as major centre for leisure activities for the general public and welcomes almost a million visitors each year.

