

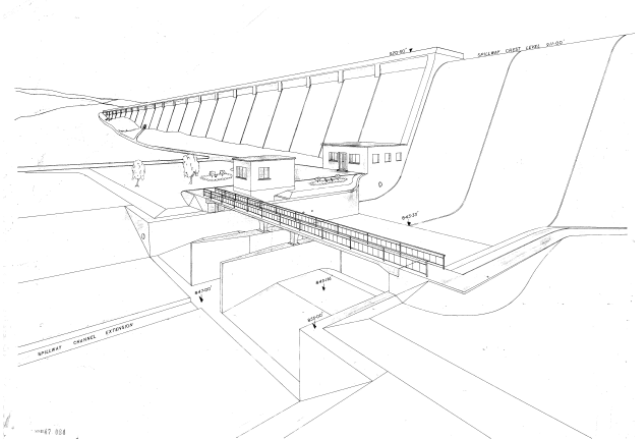


BRITISH DAM SOCIETY 19th BIENNIAL CONFERENCE – LANCASTER UNIVERSITY

CT 2 Conference Tour 2 – Friday 9th September 2016

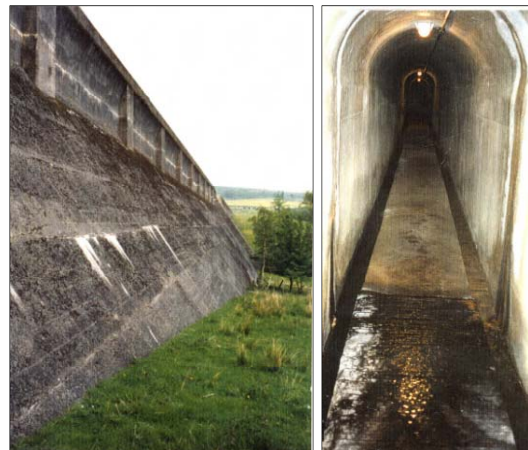
GATEWAY TO THE LAKES

This tour takes you northwards from Lancaster passing into the heart of the picturesque Lake District. First stop will be at Wet Sleddale a concrete gravity dam before travelling via Haweswater reservoir to the Haweswater Hotel for lunch. The tour continues south to view the discontinuance at Birds Park Reservoir near Kendal.



Wet Sleddale, located close to Shap was completed in 1967 to support Haweswater reservoir in supplying water to the Manchester area. The dam is 610m in length and 21m high and retains around 2300m³ of water. The water from the reservoir is transferred via aqueduct, largely constructed as a cut and cover tunnel, to Haweswater itself. The dam is constructed on rock comprising Tuff which was curtain grouted prior to construction of the dam.

Lunch will be at the Haweswater House hotel with stunning view of the reservoir. Construction commenced on Haweswater in 1929 following an Act of Parliament and caused uproar at the time due to flooding of the picturesque valley of Mardale.



Birds Park is a Non Statutory reservoir perched above a residential area on the eastern outskirts of Kendal. It was originally built as a cascade of two Birds Parks reservoirs for water supply to Kendal however they were abandoned around 1980 due to water quality problems. The reservoir was constructed around 1850 and is believed to be an earth embankment with puddle clay core. Birds Park Lower Reservoir was constructed later but was demolished around 1980.

The Upper Reservoir, although it was in poor condition in 1980, was not demolished because it was felt that flooding problems in Kendal would be worsened without the attenuating effect of the reservoir. The embankment is planned to be discontinued in early 2016.