



The British Dam Society

Technical Site Visit

Thursday 11th July 2019, 1.30pm

THORNTON RESERVOIR,
Near Leicester

By kind permission of Severn Trent Water & nmcn



Introduction

Thornton is a Category B impounding reservoir constructed in 1854 situated to the north-west of Leicester. The majority of STW's stock of reservoirs is Category A.

As part of our pro-active strategy, a review of all the STW Category B reservoirs was commissioned, when it was determined that Thornton would most likely be placed into Category A at the next statutory inspection. The subsequent flood study determined that there would be significant out of channel flow at the toe of the dam in a design flood event.

The works involves lining the spillway with an in-situ concrete base and incorporating an innovative flow deflection structure at the toe.

Any views or opinions expressed on any matters by the presenters or participants during or in connection with this presentation are solely the views of the authors of the respective comments and/or opinions and must not be taken to be the views of the ICE or the British Dam Society or any other organisation. ICE and the British Dam Society make no representations, warranties or assurances concerning any information provided in these presentations and accept no responsibility for the content and/or accuracy.



The British Dam Society

Arrangements

There is no charge for the visit. Space is very limited at the construction site so parking is at the visitors' car park at the right abutment of the reservoir on Reservoir Road LE67 1AN. It is short walk to the construction site compound.

Timetable	Activity
13.30	Meet at nmcn construction site office
14.00	Presentation by STW and nmcn
14.45	Site safety briefing
15.00	Accompanied tour of the dam and construction site
15.45	Return to nmcn construction site office, opportunity to ask further questions
16.00	Disperse

PPE Requirements: Hard hat, high vis jacket/vest, safety boots (no riggers) and gloves.

Numbers will be limited, so if you wish to reserve a place please email:
paul.farnell@severntrent.co.uk who will confirm acceptance and forward further details.