



The British Dam Society

TECHNICAL SITE VISIT

Thursday 22nd February 2024

Harlock IR South Cumbria
Sheet piling to crest and overflow chute
refurbishment/upgrade
Limited to 25 delegates



For more information please email: mike.dixon@uuplc.co.uk



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SYNOPSIS

Harlock IR is a 'Pennine style' earth embankment dam with clay core, built in 1899 and it is thought that the engineer was a Mr W Fox, the embankment has a height of 17m a length of 259m and a storage capacity of 1031M³

The project entails the raising of the core level on the crest as settlement has occurred over time and with newer flood studies being in place discrepancies were found in the PMF level passing over the existing crest protection. Alongside the crest works the overflow chute is being enlarged by lining the current structure and raising the outer walls to contain the afore mentioned PMF.

This visit offers an opportunity to visit the working construction site during an exciting time in the programme, as piling works are ongoing, and the spillway works are in their infancy.

GUIDANCE FOR ATTENDEES

The visit will be a half day visit commencing with a short presentation at the site cabins. Arrival from 12.30. A light lunch with Tea and coffee will be available.

Harlock IR is situated in the South west of Cumbria near Ulverston (Birthplace of Stan Laurel of Laurel and Hardy fame)

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Grid Ref **SD248790**, nearest postcode **LA16 7EU**

Nearest Station Ulverston (Taxi to site would be required)

Hopefully a list of delegates can be published prior to the event to encourage transport sharing and reduce carbon footprint.

A visitor's site induction will be required to be filled in and Full PPE will be required to be worn on site (hard hat, safety boots, safety glasses, gloves and high visibility vest/Jacket), in line with the site's safety policy.