



The British Dam Society

TECHNICAL SITE VISIT

Wednesday 28th August 2024 at 4.30pm

Westmoor FSR, Langport

**UPGRADING OF A NEW OFFLINE STORAGE RESERVOIR TO
ALLEVIATE FLOODING TO BRIDGEWATER**



For more information and to register for the event please email: terrellr@binnies.com



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SYNOPSIS

West Moor Reservoir is classified as a 'large raised' reservoir under the Reservoirs Act 1975. As a designated reservoir structure, it is maintained by the Environment Agency. The Environment Agency play a major role in managing flood risk which includes ensuring continued safe operation and maintenance of reservoirs.

The reservoir was inspected by the appointed All Reservoirs Panel Engineer who has identified several Measures in the Interest of Safety (MIOS) which the Environment Agency must complete before specified deadlines as part of its legal obligations under the Reservoirs Act.

This work is being undertaken only to ensure safe and continued working of the reservoir. The work will also ensure that the wider water level management system works as efficiently as it should.

This will in turn guarantee continued protection of both local communities and downstream towns.

Flood water enters the reservoir by overtopping the low spots of the River Parrett and the River Isle embankments. The Environment Agency operates the Middelney Pumping Station to release water from the West Moor main drain to regulate water levels inside the West Moor Reservoir rhyme system to comply with the Water Level Management Plan. This is done actively during summer and winter periods.

The Internal Drainage Board manages water levels inside the reservoir within the rhyme system under the same Water Level Management Plan to provide water fencing to local community. The level agreed in the Water Level Management Plan will not change.

The works include installing a new gravity outfall structure, driving a new siphon under the River, upgrades to the Isle Spillway, and decommissioning the old gravity outfall and siphon structure.

GUIDANCE FOR ATTENDEES

The visit will be evening visit will commencing with a short presentation at the Kier site office near Drayton and will be limited to 25 places. Arrival will be from 4.00pm for a start at 4:30pm. Tea and coffee will be available. Visitors will be split into groups to visit the 3 main areas of works and will be taken around by the Keir and Binnies site team.

Car sharing is advisable as parking will be at limited at the site and limited lifts can be offered to and from Taunton Station. Please confirm your intended travel arrangements when registering for the event.

Full PPE will be required to be worn on site (hard hat, safety boots, safety glasses, gloves and long sleeve high visibility vest). Yellow is preferred in line with the site's safety policy.