# Basic Details

### Publish Date

02 September 2025

### Case ID#

3113

### Title

Breach of SRR from flood

### Nation

England

### Regulator Reference No.

302

### Legal Status

Non-statutory

### Reservoir Type

Impounding

### Reservoir Capacity

10M+ m3

### Year of Construction

Unknown

### Main Construction Type

Earth fill embankment

### Dam Height

5 - 9.99 metres

### Dam Flood Category

Other / Not applicable

### Hazard Class

Undesignated / Unclassified

### Reservoir Use

- Other

### Owner Type

Unknown

# Incident Details

### Date & Time of Incident

22 May 2006 - 12:00

### Date Incident Closed

### Observations that Caused the Incident to be Declared

- Dam or embankment overflowing or overtopping

### Describe the Incident

This dam failed due to flood inflow. The dam overflowed causing erosion of the downstream shoulder and eventual breaching of the dam. The embankment was inadequately designed, as it was constructed of an uncontrolled mixed fill material, which contributed to the failure. The spillway provision was also inadequate

### Supporting Photos

# Causes and Impacts

### Natural Processes which Initiated or Contributed to the Incident

### Main Contributing Factors to the Incident Occurring

#### Dam Factors

- Other dam factors (describe below)

#### External Factors

- None

### Shortcomings

- Design shortcoming
- Construction shortcoming

### Root Cause of the Incident

### Impacts on the Reservoir

- External erosion

### Supporting Photos

## Supporting Contributions and Studies

### Human Factors which Influenced the Incident

### Instrumentation at the Reservoir

No instrumentation was installed.

### Was Instrumentation Effective?

Not Applicable

### Assistance by External Parties and Impacts on Downstream Population

Fire brigade was called. Telephone calls were made to bank-side residents.

### Summary of Studies or Investigations Undertaken

None.

## Lessons Learnt

### Lesson 1

- General design and construction

The embankment had not been designed to best practice with respect to dam design. Spillway facilities were inadequate. This lead to overtopping and failure of the embankment.

### Closing Comments

### Supporting Photos

Information provided has been sent from reservoir owners and engineers, and cleansed of personal information by the enforcement authority. We cannot guarantee the accuracy of the data, but if you find an error please contact the relevant enforcement authority.