# **Basic Details**

**Publish Date** 

Case ID#

3113

Title

02 September 2025

Breach of SRR from flood

Other

**Owner Type** 

Unknown

# **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

# **Incident Details**

#### **Date & Time of Incident**

22 May 2006 - 12:00

#### **Date Incident Closed**

Not provided

#### 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**

No images provided.

# **Causes and Impacts**

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

Not provided

#### 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**

No images provided.

# **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.

### **Supporting Photos**

No images provided.

# **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**

No images provided.

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.