



Historic England

Defra's Reservoir Safety - Consultation on reservoir emergency on-site flood plans (June 2020)

https://consult.defra.gov.uk/water/reservoir-safety-on-site-flood-plans-consultation/supporting_documents/200611%20Defra%20consultation%20Reservoir%20Safety%20onsite%20flood%20plans%20June%202020.pdf

Historic England's response ID ANON-959Y-44R1-B

Submitted on 2020-08-03

1 About You

1 What is your name?

Name: David Drewe, Head of Engineering and Emergency Planning

2 What is your organisation?

Organisation: Historic England

3 What is your role regarding reservoirs?

List of roles relating to reservoirs: Other

If you have selected 'other' please describe your role:

The large raised reservoirs category includes many historically important lakes and other water bodies spanning from the Medieval ponds at Frensham (Surrey) to the reservoirs developed in the 1960s such as Trimley Reservoir (Worcestershire) which was landscaped by Brenda Colvin CBE. The Large Raised Reservoir Register includes a long list of nationally important registered parks and gardens where the lakes are major features of these iconic landscapes. Individual features such as dams, spillways, bridges and cascades are often listed too. Some large raised reservoirs include scheduled monuments; and the silts from these and other historic water bodies are likely to be of archaeological interest. Listing recognises the historic significance of early Victorian reservoir developments and the importance of the British contribution to the history of dam building through to the 20th century. As well as dams, spillways, and sluices, buildings housing pumps, valves, gauges and meters may also be listed. To date there has been no systematic listing review so more features may warrant consideration for designation.

There are currently:

- 200 Registered Parks and Gardens that include 273 reservoirs

- 117 Listed Buildings within 86 reservoirs
- 26 Scheduled Monuments that overlap with 29 reservoirs
- 5 World Heritage Sites that contain 18 reservoirs

4 Do you want to be kept informed about the outcomes from this consultation?

Yes

If you said 'yes' please enter your email address: Jenifer.White@HistoricEngland.org.uk

2 Managing and maintaining an on-site flood plan

5 Do you agree with the minimum information proposed for inclusion in a reservoir emergency flood plan?

Yes

Historic England supports that on-site flood plans should be proportionate to the type and classification of each reservoir and the likely impact of flood risk from a breach. This includes understanding the historic significance of individual reservoirs and component features, and the impact of a breach on other historic buildings and features, and the relationship between upstream and downstream water bodies.

2 Managing and maintaining an on-site flood plan

6 How frequently should an on-site flood plan be updated for a high risk reservoir? Please - include a rationale for your proposed frequency -

Select from list: Other -

Enter text here: No specific views but obviously plans should be regularly reviewed. -

7 How frequently should an on-site flood plan be updated for a non-high-risk reservoir? - Please include a rationale for your proposed frequency -

Select from list: Other -

Enter text here: New listing notifications would need to be taken on board in the on-site flood - plan. -

8 What changes or events might mean the on-site flood plan should be updated sooner? -

Enter text here: For others to advise. -

3 Testing on-site flood plans -

9 How frequently should a flood plan be tested? Please include a rationale for your proposed - frequency

Select from list: Other

Enter text here: For others to advise

4 Updating guidance -

10 What aspects of the current guidance are not clear? -

Enter text here - please indicate the parts of the Guidance and how it might be improved: No - queries -

11 What is missing from the current guidance? -

Enter text here - please indicate if any necessary information is missing: The useful - information section on the dam's construction should include designations such as listings, - and Historic England regional office contact details particularly for later salvage of historic - fabric, and repair works. -

12 Do you have any further comments on how the guidance for preparing on-site flood plans - might be improved? -

Enter text here - please indicate any other improvements you consider would be helpful to - owners, operators or Engineers: None -

5 Training to support emergency planning and incident response -

13 Do you agree that training for undertakers and their staff, engineers, local authority - emergency planners and emergency services is necessary? -

Yes -

Reservoir undertakers and their operational staff, Reservoir undertakers boards and senior - managers, Reservoir engineers, Local authority emergency planners, Emergency services -

14 If Yes - What should be included in the training? -

Other topics -

Enter text here - please suggest topics for training and if particular training is needed for - different roles: Historic England's regional teams can provide advice about the historic - significance of individual listed, scheduled or registered features and their conservation. -

15 Who should be responsible for developing and delivering the training? -

Select from list: Other -

Enter text here: For others to advise -

16 In what format should the training be made available? -

Webinar, site visits -

Enter text here: -

17 Should training be added or linked to existing continuing professional development (CPD) - courses? -

Yes

Enter text here: The Institution of Civil Engineers and Institution of Structural Engineers' conservation accreditation programme. See

<https://www.ice.org.uk/ICEDevelopmentWebPortal/media/Documents/Careers/specialist-registers/rgn-6-conservation-accreditation-register-for-engineers.pdf>

6 Thank you

18 If you have any further comments you wish to make, please add them here and submit your response

Enter text here: