

## Meeting

## ICE Reservoirs Committee

<b>Date</b>	Thursday 7 <sup>th</sup> October 2021
<b>Time</b>	14.00 - 17.00
<b>Venue</b>	MS Teams
<b>Chair</b>	Richard Coackley
<b>Panel members</b>	
<b>Sub-Committee 1</b>	Chris Scott (Chair) David Brown Anthea Peters Tom Wanner
<b>Sub-Committee 2</b>	Kenneth Barr (Chair) Keith Gardiner Jeremy Benn  Hazel Durant – Defra Tony Deakin – Environment Agency Claire Dodd – Scottish Government James Ashworth – SEPA Mary McKeown – Department of Infrastructure, NI Matt O’Brien – Natural Resources Wales
<b>By Invite</b>	Jonathan Hinks - ARPE Janet Kiernan – Defra
<b>Apologies</b>	Mark Stranaghan Martin Airey Matthew Hill Andrew Kirby Brendan VanRooyen (ICE)
<b>Secretariat</b>	Rabinder Phull (ICE) Kerrie McPeake (ICE)

## Summary of Applications in October 2021

### New Applications

5 new applications were submitted to the Supervising Engineers Panels and 3 new applications were submitted to the All Reservoirs Panels this cycle.

2 All Reservoirs applicants have been appointed in England, Wales and Scotland.

3 Supervising Engineer applicants have been recommended for appointment in England and Wales.

### Re-applications

9 re-applications were made to the Supervising Engineers Panels and 1 re-application was made to the All Reservoirs Panel.

1 All Reservoirs Panel re-applications has been recommended for re-appointment to England, Wales and Scotland.

9 Supervising Engineers Panel re-applications have been recommended for re-appointment and; 3 of which are re-appointed to England, Wales and Scotland, 3 to England and Wales, 2 to England and Scotland and 1 to Scotland.

Item no	<b>PART 2</b>
2127	<b>Legislative changes and jurisdictional impacts</b>
	<p>Update on current legislative situation in each of the jurisdictions:</p> <p>I. England – Hazel Durant RC welcomed Jan Kiernan, Senior Policy Adviser at Defra to the meeting.</p> <p>HD stated that work on legislative changes including increasing fees is progressing and nearing completion. Further details and communications on timelines will be circulated.</p> <p>HD provided an update on mandatory onsite emergency flood plans via certification which was introduced earlier in 2021. Only 58 certificates had been sent in over the last six months. Whilst HD appreciates those with plans may need time to update them, the number was disappointing, particularly since there are 2000+ reservoirs. The flood plans are important for safety and ensuring good business practice to mitigate future risks, and HD urged committee members to share the message to undertakers through their networks.</p> <p>TD reiterated the above on flood plans. He also added that undertakers should not leave submitting the certificates to just before the deadline date as some certificates had to be rejected and returned to undertakers for not meeting requirements.</p> <p>TD praised the work and effort JB had given and encouraged him to spread this to other engineers.</p> <p>TD confirmed there are currently 2,113 registered reservoirs.</p> <p>TD informed the committee that detailed reservoir flood maps for England are now Live on ResilienceDirect, where Emergency Services and Categories 1 and 2 Responders can access them.</p>

	<p>A provisional date of 9<sup>th</sup> November has been set for the public inundation outline as Government need to approve/provide the publishing slot.</p> <p>Regarding Part A of the Toddbrook Report, the recommendations were grouped together to deliver seven new guidance documents. One of the documents was issued a couple of months ago. The contents for deliverables 1, 2 and 3 mainly regarding spillways overlap so will be packaged together and issued as a suite in January 2022. Similarly, deliverables 5, 6 and 7 align with each other and will be issued as a suite in February 2022.</p> <p>II. Scotland- Claire Dodd No legislative changes have been put in place and work is ongoing on onsite emergency plans and incident reporting.</p> <p>III. Northern Ireland - Mary McKeown Ministers are still considering the way forward regarding consultation on the legislation to commence the Act. As per requirements, an e-mail was forwarded on 7 October to the ICE President and RC has been copied in. The e-mail contains letters regarding the calculation of volume and the process of appointing panel engineers.</p> <p>IV. Wales - Matt O'Brien No legislative changes are proposed for the short term except those relating to fees. Regarding onsite plans, a presentation was given at the recent SE Forum. Wales is progressing for plans on a voluntary basis but adopting skeleton requirements based on those for England. Approximately 85% have onsite plans and they are looking into filling the remaining 15% before addressing the designated lower risk reservoirs. The three-stage approach in Wales will be to firstly secure an onsite plan at an acceptable standard via the S12 report (no additional certificate), secondly to build on the plans (guidance revision and refocus) and finally to build confidence in using the plans.</p> <p>In the near future, Wales is hoping to have their Guidance accessible to all reservoir owners for smaller (&lt;10000m3), low and high risk reservoirs.</p> <p>Inundation maps have been completed for those planned this year, mainly those that had no maps previously and will be added to</p>
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	ResilienceDirect. Sixty percent of undertakers in Wales will have access to detailed maps. Those who don't have access, will be provided a pdf copy.
2128	<b>Reports</b>
	<p>I. British Dam Society (BDS)</p> <ul style="list-style-type: none"> <li>- The following update was provided by Martin Airey: <i>The new BDS Committee has started work and various working groups have been set up to pursue the following topics:</i> <ul style="list-style-type: none"> <li>• <i>Knowledge Sharing</i></li> <li>• <i>Professionalism</i></li> <li>• <i>Education</i></li> <li>• <i>Informing Opinion</i></li> </ul> <p><i>The first face to face event for more than 1 year was the Supervising Engineer's Forum that took place on Thursday 16<sup>th</sup> September 2021 at Nottingham University. This will also be the venue for the next full conference of BDS which is scheduled for September 2022.</i></p> <p><i>The most recent BDS Committee Meeting will take place on Monday 4<sup>th</sup> October, hence no feedback from that yet. The meeting will be followed by an evening presentation by Professor David Balmforth entitled 'Independent Reservoir Safety Review'</i></p> <p><i>The presentation will cover the work undertaken for HM Government to review the safety of reservoirs in England following the Toddbrook Incident. It will set out the approach to the review and the assessment of the current safety management process and the role of:</i> <ul style="list-style-type: none"> <li>• <i>The owner;</i></li> <li>• <i>Surveillance personnel;</i></li> <li>• <i>Operation and maintenance personnel;</i></li> <li>• <i>The Supervising and Inspecting Engineers;</i></li> <li>• <i>and the Regulator.</i></li> </ul> </p> </li> <li>- AP provided feedback on her presentation at the recent SE Forum. The presentation included how the required attributes are set and reviewed. Since these are not included in the guidance documents, AP asked whether the guidance should be updated so that applicants are aware of the expectations. Following the presentation, a number of questions were raised by attendees. There were particular concerns on the difficulty in completing the pdf form</li> </ul>

	<p>and whether it would be easier to use a word document, allowing for a set font and box size and making the form more user friendly. Attendees stated that it was difficult to scroll down in certain fields such as the list of reservoirs/appointments, and although there are text limits and relevant tabs, the pdf format makes it difficult to use. A discussion ensued and committee members provided their feedback, comments and potential solutions on the application form and attributes.</p> <p>RC thanked AP and stressed the importance of her presentation and findings to enable clarity on requirements/expectations for both applicants and reviewers. RC suggested that a small working group be formed, perhaps led by AP to review and create a new form. RC and MO'B volunteered to work with AP.</p> <p><b>Action: In the first instance, AP to obtain the pdf template of the form from Ian Carter and approach her Business Support team to create a word document. Report at the next meeting.</b></p> <p>II. Reservoir Safety Research Advisory Group (ReSRAG)</p> <p><b>Action: ICE to circulate report with the minutes of this meeting.</b></p>
2129	<b>Reservoirs Safety Review – 2nd report</b>
	<p>HD stated that Part B of the review looks at much wider issues than the Toddbrook Reservoir e.g. application, implementation and the suitability of the current legislation. David Balmforth's review had presented 15 recommendations with further sub recommendations. Defra are reviewing these in detail and dissecting them into relevant groups and dependencies. They are investigating areas needing more work and where legislation changes are required, resource of engineers etc. HD stressed that a lot of time and effort is being put into this stage as it is important to get this right.</p> <p>Alongside this, Defra is talking to various stakeholders to strengthen the relationships between undertakers and the EA/regulators as per the recommendations. Defra is also liaising with the ICE particularly to lead on the supply of engineers. JH also mentioned his concerns on the number of ARPEs to deal with growing numbers of reservoirs.</p>

	<p>RP provided the following update from Brendan VanRooyen, Head of Professional Services:</p> <p><i>ICE is finalising the scope of a review into the supply of reservoir engineers with DEFRA and EA. This is not finalised however these are the proposed points that will be addressed.</i></p> <p><b>Scope</b></p> <ol style="list-style-type: none"> <li>1. <i>To define and understand the causes of incentives and disincentives for professional engineers and firms to undertake reservoir inspections.</i></li> <li>2. <i>To compare incentives and disincentives in the reservoirs sector to an adjacent sector/s with successful incentivisation</i></li> <li>3. <i>To identify the solutions to create positive incentives to ensure a healthy future supply of supervising and inspecting engineers</i> <ul style="list-style-type: none"> <li>• <i>In considering these question the following should be taken into account:</i></li> <li>• <i>The consultancy and professional services landscape in the civil engineering sector</i></li> <li>• <i>Educational base and professional qualification processes for civil engineers</i></li> <li>• <i>Ongoing professional development of civil engineers and the incentives to move between sectors</i></li> <li>• <i>The influence of public policy and regulation on the reservoirs sector specifically and professional services in general</i></li> </ul> </li> </ol>
2130	<p><b>Interview/Applications Review Process</b></p>
	<ol style="list-style-type: none"> <li>i. Re-interview intervals for re-applicants</li> <li>ii. Applicants’ mental and physical health</li> <li>iii. Requests to review non-appointment decisions - guide for applicants</li> <li>iv. Panel applications and legislation</li> </ol> <p>Items i., ii. and iv. to be deferred to the next meeting.</p> <p>Item iii. – A paper for applicants detailing the guidance to requesting a review of non-appointment decisions was circulated to the committee prior to the meeting. The paper had been jointly reviewed across England, Scotland and Wales, and coordinated by Jan Kiernan. The committee endorsed the contents of the paper for publication.</p> <p><b>Action: RP to publish and incorporate into the Guidance documents.</b></p>

2131	<p><b>Reservoirs Committee membership</b></p> <p>i. Review length of terms / committee election Sub-committee members will normally serve a term of 3 years with an option to continue for a fourth year.</p> <p><b>Action: RP to progress election for 1 ARPE as KG will be completing his fourth year</b></p>
2132	<p><b>Specialist Registrations Representative for the ICE Professionalism Panel</b></p> <p>An e-mail for nominations for a post on ICE’s Professionalism Panel to represent the brief of “Specialist Registrations” on the Panel was circulated to the committee prior to the meeting. Any persons interested in putting themselves forward were asked to contact Brendan VanRooyen.</p>
2133	<p><b>Any Other Business</b></p> <p>None.</p> <p>RC thanked the committee and JH for their attendance and input.</p>
	<p><b>Future meeting dates:</b> 10<sup>th</sup> February 2022. 9<sup>th</sup> June 2022. 6<sup>th</sup> October 2022.</p>