

Information request

21 August 2023

Reservoir data information request – August 2023

This request for information relates to data companies hold on their large raised reservoirs that fall under the Reservoirs Act, 1975 to inform our consideration and potential approach to assessing reservoir maintenance costs at PR24.

This request and accompanying excel file relate to information companies already provide to the Environment Agency and/or Natural Resources Wales for the purposes of their respective public registers of large raised reservoirs for England and for Wales. We are asking for additional information about the purpose, risk category, measures in the interests of safety (MIOS) and asset condition grade information as outlined in Table 1 below, to help us better understand the risks and potential costs of different types of reservoir ownership.

The requested data is defined in Table 1 below and in the accompanying spreadsheet.

Table 1: Data definitions

No	Item	Definition
1	Reservoir's name	The public name of the reservoir
2	Physical status	Under construction, in operation or abandoned
3	Reservoir's purpose	Supply of raw water for onward treatment for public potable water supply; potable water storage; waste water management; or other (such as retained for resilience but not in use).
4	Ofwat PR24 category	Impounding Reservoir (RES1.30); Pumped Storage Reservoir (RES1.10); Balancing Reservoir (CW4.1); Service Reservoir (CW5.21); or Not captured
5	Reservoir's category	Impounding reservoir or Non-impounding reservoir:
6	Primary Dam Type	Earthfill, rockfill, gravity, concrete or other.
7	Year completed	Year of construction
8	Capacity above natural ground level	Capacity above natural ground level in cubic metres
9	Does the reservoir fall under the Reservoir Act?	For England: Yes, if it can hold 25, 000 cubic metres of water above the natural level of the surrounding land. No, otherwise

		For Wales: Yes, if it can hold 10,000 cubic metres, or more, above the natural level of any part of the surrounding land. No, otherwise
10	Reservoir risk designation category	Category A: a breach could endanger lives in a community (Where a community is considered to be not less than 10 people); Category B: a breach could endanger lives not in a community (inhabitants of isolated houses and operatives in treatment works immediately below the dam and in other places of work in the flood path) and/ or could result in extensive damage; Category C: a breach would pose negligible risk to life and cause limited damage; or Category D: special cases where no loss of life is foreseen, and very limited additional damage would be caused
11	Reservoir's flood risk category	Designated high risk reservoir– In the very unlikely event the reservoir fails it is predicted that there is a risk to life; Not designated high risk reservoir – In the very unlikely event the reservoir fails it is predicted that there would not be a risk to life; or Not determined yet – A determination has not yet been made
12	Asset condition grade for impounding reservoirs	1 (good) to 5 (poor), or N/A. To be reported separately for impounding structures, spillways; outlet and inlet facilities.
13	Number of active measures in the interests of safety (MIOS)	Number of live active measures in the interests of safety (MIOS) resulting from inspection findings (annual columns beginning in 2017/2018 are provided in the supporting Excel template)
14	Number of overdue measures in the interests of safety (MIOS)	Number of overdue measures in the interests of safety (MIOS) resulting from inspection findings (annual columns beginning in 2017/2018 are provided in the supporting Excel template)
15	Discontinuance of large raised reservoirs	Yes, if the reservoir is currently, or has previously been, subject to alterations to effect a change in its risk designation requiring certification under Section 13 of the Reservoirs Act 1975 (Discontinuance of large raised reservoirs). No, otherwise.

Responding to this information request

Please return the completed information request to Cost.Assessment@ofwat.gov.uk before the closing date of **1st September 2023**.

All data should be provided using the supporting Excel template. Please follow the supporting guidance above, and included in the template, to complete the request.

We encourage companies to provide any commentary that will help us to understand their submitted datasets either in the excel template or in a separate document.

Please email any comments and queries on this information request to Cost.Assessment@ofwat.gov.uk by close of play on **25th August 2023**.

We recognise the sensitive nature of some of the information that we are requesting. We are not collecting this information with the intention of publishing it. Information provided by companies to Ofwat in response to this request is subject to a statutory restriction on

disclosure¹. This means Ofwat will not be able to share it without company consent save for limited circumstances, for example if the disclosure is required for the purpose of facilitating the carrying out of Ofwat's functions. We may share the information with the Environment Agency or Natural Resources Wales for cross-checking purposes.

If you have any issues with completing the data request by the required dates or wish to discuss any aspect of the data request, please contact us using the same email address.

Yours sincerely

Daniel Mitchell

Head of Base Expenditure, PR24 Cost Assessment

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¹ See section 206 of the Water Industry Act 1991.