

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

SCHEDULE 2

Regulation 8

Prescribed form of record for a high-risk reservoir

In this Form

- “the 1930 Act” means the Reservoirs (Safety Provisions) Act 1930;
- “the 1975 Act” means the Reservoirs Act 1975;
- “fetch” means the effective length of the reservoir over which wind can build up waves;
- “top water level” means—
 - (a) in the case of a reservoir with a fixed overflow sill, the lowest crest level of that sill;
 - (b) in the case of a reservoir the overflow from which is controlled wholly or partly by moveable gates, syphons or otherwise, the maximum level to which water may be stored exclusive of any provision for flood storage;
 - (c) in the case of a reservoir designed for the purposes of holding back floodwater, the highest level of floodwater that may be stored during any flood event exclusive of any provision for overflow.
- Information is to be given in such a manner and at such intervals as the construction or inspecting engineer directs.
- If any item of information is not applicable to the reservoir this should be stated, giving the reason why.
- Information given may be supplemented by the use of any relevant drawings.

Name and situation of reservoir owned
National Grid Reference of reservoir

Owners of reservoir

Name	Part of reservoir owned
Address	

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 1 – Water levels and depth of water

- A record of water levels and depth of water including the flow of water over the waste weir or overflow must be kept by making the appropriate entries in the spaces provided below:

Date	Water level in Reservoir measured relative to Top Water Level (TWL). (Positive above TWL, negative below TWL)	Signature and position of engineer or other person responsible for the entry

Date	Depth of water flowing over waste weir or overflow, in metres	Signature and position of engineer or other person responsible for the entry

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

- Method of recording water levels

--

- Datum to which levels are referred, e.g. Ordnance Datum or the level of the overflow sill

--

- Details of directions given by the construction engineer or inspecting engineer as to the manner in which and specifying the dates and times at which information about matters to which this Part relates is to be recorded

--

Part 2 – Leakages, settlements of walls or other works and repairs and instrumentation readings

- A record of leakages, settlements of walls or other works and repairs must be kept by making the appropriate entries in the spaces provided below:

Position and extent of any leakage from the reservoir or settlement of walls or other works, giving dates of discovery	Description of action taken consequent on discovery of leakage or settlement	Signature and position of engineer or other person responsible for each entry

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

- A record of instrumentation readings must be kept by making the appropriate entries in the spaces provided below for each instrument

Site reference number of instrument:			
Date and time of reading	Instrument reading including units, where relevant	Water level in Reservoir at time of reading, measured relative to Top Water Level (TWL) (Positive above TWL, negative below TWL)	Signature and position of engineer or other person responsible for each entry

- Details of directions given by construction engineer or inspecting engineer as to the manner in which and specifying the date and times at which information about matters to which this Part relates is to be recorded

Part 3 – Persons having a function in relation to the reservoir provided for by the 1975 Act

- Undertakers

Name	Nature of undertaking
Address E-mail address, if available	

- Natural Resources Body for Wales

Name

Address
E-mail address, if available

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

- Construction engineer or engineer appointed for the purposes of section 8 of the 1975 Act

Name
Address
E-mail address, if available

- Any engineer appointed under section 15 of the 1975 Act by the Natural Resources Body for Wales

Name
Address
E-mail address, if available
The purpose for which the appointment was made e.g. for the purposes of section 8 of the 1975 Act

- Inspecting engineer

Name
Address
E-mail address, if available
<ul style="list-style-type: none">• Occasion for appointment of inspecting engineer (See section 10(2) of the 1975 Act (e.g. on recommendation of supervising engineer)

- Dates of appointment of—

<ul style="list-style-type: none">• Construction engineer or engineer appointed under section 8 of the 1975 Act	From.....	To.....
<ul style="list-style-type: none">• Inspecting engineer	From.....	To.....
<ul style="list-style-type: none">• Engineer appointed under section 15 of the 1975 Act	From.....	To.....

- Supervising engineer

Name
Address
E-mail address, if available
Office telephone number
Home telephone number

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 4 – flood plan details

- A summary of flood plan information must be kept by making entries in the spaced provided below:

Date of flood plan	Location of flood plan	Date of last test of flood plan

Key actions from the flood plan to be taken by the undertaker to prevent an uncontrolled escape of water from the reservoir

Key actions from the flood plan to be taken by the undertaker to control or mitigate the effects of a flood

List of people and organisations sent a copy of the flood plan

Name and contact details of person and organisation	Version of plan sent	Date sent

Details of compliance with a direction by the Welsh Ministers

Matters to be included and requirements of the Natural Resources Body for Wales	Manner of compliance

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 5 – Access, capacity etc.

1. Description of access giving any restrictions on load, width or height of vehicles using access and details of the construction of the access route

2. Category:

Impounding Non-impounding

3. The level up to which water may be stored, exclusive of flood storage, as it was last specified in a certificate given either under the 1930 Act or the 1975 Act

4. Capacity of reservoir cubic metres

- At top water level
- Between the lowest natural level of any part of the surrounding land and top water level
- Between the lowest natural level of any part of the surrounding land and the level, as last specified in a certificate given under the 1930 Act or under the 1975 Act, exclusive of any provision for flood storage

5. Surface water area:- m² or km²

- At level specified in item 3
- At top water level

6. Effective fetch to dam, reservoir wall or embankment in metres

Direction

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 6 – Dam, reservoir wall or embankment

<p>Type (please tick the appropriate box)</p> <p>Earth <input type="checkbox"/> Rockfill <input type="checkbox"/> (specially sealing membrane or core)</p> <p>Gravity <input type="checkbox"/> Buttress <input type="checkbox"/></p> <p>Other (please specify)</p>	<p>Date construction completed <input style="width: 100%;" type="text"/></p>
---	--

<p>Levels above Ordnance Datum in metres:</p> <p>of the top of the dam and reservoir wall or embankment <input style="width: 100%;" type="text"/></p> <p>of the top of the wave wall <input style="width: 100%;" type="text"/></p>	<p>Maximum height in metres of the dam and reservoir wall or embankment from the lowest natural ground level at the toe (including stream bed) to top of the dam, wall or embankment (excluding wave wall)</p> <p><input style="width: 100%;" type="text"/></p>
--	---

<p>Details of:</p>		
<ul style="list-style-type: none"> • draw off works 	<p>Maximum rate of discharge, m³/s</p>	<input style="width: 100%;" type="text"/>
<ul style="list-style-type: none"> • bottom outlets 	<p>Maximum rate of discharge, m³/s</p>	<input style="width: 100%;" type="text"/>
<ul style="list-style-type: none"> • any other means of lowering 	<p>Maximum rate of discharge, m³/s</p>	<input style="width: 100%;" type="text"/>

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 7 – Catchment and standard average annual rainfall on direct and indirect catchment areas

Direct Catchment area (m² or km²)

Indirect catchment area (m² or km²)

Method of bringing water into the reservoir from the indirect catchment area, with details of any control or pumps provided and of maximum inflow capacity

Physical characteristics of direct and indirect catchment areas which affect the rate of storage of water

Details of standard average annual rainfall on the direct and indirect catchment areas of the reservoir according to meteorological office records

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 8 – Spillway works: their type, location and level and the safety provisions made in connection with their operation

- (a) Type and location, if independent of main dam structure

- (b) Particulars, with crest levels and lengths in metres of:
 - fixed crest weirs

 - siphons (state whether air regulated saddle siphons or not)

 - other gates or valves not specified elsewhere in this Part

 - movable crest gate

 - tunnels or other features affecting discharge capacity

 - emergency spillway

- (c) Particulars of movable gates or valves (please tick the appropriate box)
 - Methods of operation:
Manual automatic float control

 - Sequence of operations

 - Source of power

 - Standby arrangements

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 9 – Measures taken in the interests of safety or that might affect safety

Details of any safety measures recommended under the 1975 Act or the 1930 Act	Dates when such recommendations were carried out

Details of any action taken by either Environment Agency or Natural Resources Body for Wales under section 16 of the 1975 Act

Details of any measures taken that might affect safety	Dates when such Measures were carried out

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 10 – Supervising Engineer directions and recommendations

- A record of the inspections of the reservoir paying particular attention to the matters that have a bearing on the safety of the reservoir as set out in a direction by the Supervising Engineer under section 12(6) of the 1975 Act must be kept by making entries in the spaces provided below

Date of inspection	Matter for particular attention	Findings of inspection	Signature and position of engineer or other person responsible for each entry

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 11 – Unusual events which could affect the safety of the reservoir

- A record of unusual events that have a bearing on the safety of the reservoir must be kept by making entries in the spaces provided below:

Details of any unusual events, such as seismic activity, which have occurred at or near the reservoir	Date(s) of occurrence of any such event

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 12 – Certificates, reports, directions, and referees

- A record of certificates given, reports made, directions given, or referees appointed under the 1930 Act or the 1975 Act must be kept by making entries in the spaces provided below:

Certificates

Date	Type (e.g. preliminary certificate)	Section and subsection of whichever Act the certificate was given under (e.g. under section 7(1) of the Reservoirs Act 1975)

Reports

Date	Section and subsection of whichever Act the report was given under (e.g. under section 10(3) of the Reservoirs Act 1975)

Directions

Date	section and subsection of the 1975 Act the direction was given under (e.g. under section 12(6) of the Reservoirs Act 1975)

Appointment of Referees

Name of referee	Date of appointment

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 13 – Re-use, abandonment and discontinuance of reservoirs

• Re-use

Name and address of qualified civil engineer acting under section 9 of the 1975 Act	Date of engineer's appointment	Details of any action taken by the Natural Resources Body for Wales under section 9 of the 1975 Act

• Abandonment

Name and address of qualified civil engineer reporting under section 14 of the 1975 Act	Date of engineer's appointment	Details of any action taken by the Natural Resources Body for Wales under section 14 of the 1975 Act

• Discontinuance

Name and address of qualified civil engineer acting under section 13 of the 1975 Act	Date of engineer's appointment

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Part 16 – Extent of opening of valves, gates and penstocks

- A record of the extent that valves, gates and penstocks are open must be kept by making the appropriate entries in the spaces provided below:

Date	Type and location of equipment (gate, valve or penstock)	Extent of opening	Signature and position of engineer or other person responsible for the entry

- Method of recording extent of opening for each type of equipment

- Procedures used for operating each type of equipment and for reading the extent of opening

- Details of directions given by the construction engineer or inspecting engineer as to the manner in which and specifying the date and times at which information about matters to which this Part relates is to be recorded.