

1985 No. 177

**WATER, ENGLAND AND WALES
WATER SUPPLY, SCOTLAND****The Reservoirs Act 1975 (Registers, Reports and Records)
Regulations 1985***Made - - - - 13th February 1985**Coming into Operation 1st April 1985*

The Secretary of State, in exercise of his powers under sections 2, 3, 5 and 11 of the Reservoirs Act 1975 (a), and of all other powers enabling him in that behalf, hereby makes the following regulations:—

Citation and commencement

1. These regulations may be cited as the Reservoirs Act 1975 (Registers, Reports and Records) Regulations 1985 and shall come into operation on 1st April 1985.

Interpretation

2. In this order—

“the Act” means the Reservoirs Act 1975,

“the Act of 1930” means the Reservoirs (Safety Provisions) Act 1930 (b),

“lowest natural ground level” means, where relevant, the lowest bed level of any watercourse,

“top water level” means, in relation to a reservoir with a fixed overflow sill, the lowest crest level of that sill, and for a reservoir the overflow from which is controlled wholly or partly by movable gates, syphons or otherwise, the maximum level to which water may be stored exclusive of any provision for flood storage.

Registers

3.—(1) The prescribed information to be given about large raised reservoirs in any register kept by a local authority pursuant to section 2(2) of the Act shall be the information set out in Schedule 1 to these regulations, provided that the information set out as items 7 to 10 is only prescribed in the case of a reservoir for which a local authority are the enforcement authority or the undertakers.

(2) The register referred to above shall be kept at the principal office of the local authority.

(a) 1975 c.23.

(b) 1930 c.51.

Reports

4.—(1) Reports shall be made by local authorities to the Secretary of State under section 3 of the Act as follows:—

- (a) a first report on 1st April 1987, and
- (b) further reports at subsequent intervals of two years.

(2) The prescribed information which a local authority shall give in the reports required by section 3, shall be—

- (a) information as to the steps (if any) that the authority as an enforcement authority has taken in respect of any reservoir to secure that undertakers observe and comply with the requirements of the Act; and
- (b) a statement whether as undertakers for any reservoir situated wholly in their area, they have been required by any section of the Act to take steps to observe and comply with the Act, and a statement as to any steps that have been taken;

such information to be accompanied by a statement of the number of reservoirs for which the authority is enforcement authority and the number of reservoirs situated wholly in their area for which the authority are the undertakers.

Records

5.—(1) The prescribed form of the record required by section 11(1) of the Act to be kept for every large raised reservoir by the undertakers shall be the form set out in Schedule 2 to these regulations.

(2) The other matters of which a record is to be kept under section 11(1), in addition to those specified in subsections (1)(a) and (b) of that section, shall be the matters set out in Schedule 3 to these regulations.

(3) The information which is to be given about those matters which are specified in section 11(1)(a) and (b) of the Act shall be that set out in Parts 1 and 2 of the form of record in Schedule 2 and the information which is to be given about the additional matters specified in Schedule 3 shall be that set out in Parts 3 to 11 of that form.

Regulation 3

SCHEDULE 1

Information to be given in Registers of Large Raised Reservoirs.

1. Name and situation of reservoir.
2. National grid reference of reservoir.
3. Name and address of undertakers.
4. Name and address of enforcement authority, if any.
5. A summary of the contents of all certificates or reports under the Act, or the Act of 1930, received by the authority, including:—
 - (i) the name and address of the engineer giving the certificate or making the report,
 - (ii) the section of whichever Act the certificate is given under or the report made,
 - (iii) the date(s) of the latest inspection made under the Act of 1930,
 - (iv) where no final certificate was given under the Act of 1930 because the construction or alteration of the reservoir was completed before the commencement of that Act, a statement of that fact.
6. The following information, if it is revealed by any certificate or report or is otherwise known to the authority:—
 - (i) the category of the reservoir (i.e. whether impounding or non-impounding),
 - (ii) year(s) in which the dam(s) were completed,
 - (iii) the construction of the dam(s) (i.e. whether constructed of earth, rockfill, gravity, buttress or by other means),
 - (iv) the maximum height of the dam(s) in metres measured from the lowest natural ground level adjacent to it, to the top of the dam, excluding the height of the wave wall,
 - (v) the capacity of the reservoir above the lowest natural ground level adjacent to it (in cubic metres) to top water level,
 - (vi) the water surface area of the reservoir at top water level (in square metres or square kilometres).
7. Name and business address of the supervising engineer or, if the reservoir is under the supervision of a construction engineer, of that engineer.
8. Date when the next inspection is due under the Act or any date recommended for the next inspection under the Act by the supervising or inspecting engineer.
9. Particulars of any appointment made by the enforcement authority under section 15 of the Act.
10. Particulars of any measures taken by the enforcement authority under section 16 of the Act, including the date on which they were taken.

SCHEDULE 2

Regulation 5

Prescribed Form of Record for a Large Raised Reservoir

- **In this Form**
- "the Act" means the Reservoirs Act 1975;
- "the Act of 1930" means the Reservoirs (Safety Provisions) Act 1930;
- "fetch" means the effective length of the reservoir over which wind can build up waves;
- "top water level" means, in relation to a reservoir with a fixed overflow sill, the lowest crest level of that sill, and for a reservoir the overflow from which is controlled wholly or partly by movable gates, syphons or otherwise, the maximum level to which water may be stored exclusive of any provision for flood storage;
- "toe" means the point on the downstream side of a dam at which the base of the reservoir embankment meets the lowest natural ground level;
- "lowest natural ground level" means, where relevant, the lowest bed level of any watercourse.
- Information is to be given in such 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 of reservoir

National Grid Reference of reservoir

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 shall be kept by making the appropriate entries in the spaces provided below:

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

- Method of recording water levels

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

- Datum to which levels are referred, eg 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 intervals 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

- A record of leakages, settlements of walls or other works, and repairs shall 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 date 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

Position and extent of any leakage from the reservoir or settlement of walls or other works, giving date 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

- Details of directions given by construction engineer or inspecting engineer as to the manner in which and the intervals 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 Act

● **Undertakers**

Name
Address

● **Inspecting engineer**

Name
Address

● **Occasion for appointment of inspecting engineer (See Section 10(2) of the Act) (eg on recommendation of supervising engineer)**

● **Enforcement authority**

Name
Address

● **Construction engineer or engineer appointed for the purposes of Section 8 of the Act**

Name
Address

● **Dates of appointment of—**

● Construction engineer or engineer appointed under Section 8 of the Act	From	To
● Inspecting engineer	From	To
● Engineer appointed under Section 15 of the Act	From	To

● **Any engineer appointed under Section 15 of the Act by the enforcement authority**

Name
Address

The purpose for which the appointment was made eg for the purposes of Section 8 of the Act

● **Supervising engineer**

Name
Address
Office telephone number
Home telephone number

Part 4—Certificates, reports and referees

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

● **Certificates**

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

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

● **Reports**

Date	Section and subsection of whichever Act the report was made under (eg under Section 10(3) of the Reservoirs Act 1975)

Date	Section and subsection of whichever Act the report was made under (eg under Section 10(3) of the Reservoirs Act 1975)

● **Appointment of Referees**

Name	Date of appointment

Part 5—Re-use, abandonment and discontinuance of reservoirs

● **Re-use**

Name and address of qualified civil engineer acting under Section 9 of the Act	Date of engineer's appointment	Details of any action taken by enforcement authority under Section 9 of the Act

● **Abandonment**

Name and address of qualified civil engineer reporting under Section 14 of the Act	Date of engineer's appointment	Details of any action taken by enforcement authority under Section 14 of the Act

● **Discontinuance**

Name and address of qualified civil engineer employed for purposes of Section 13 of the Act	Date of engineer's appointment

Part 6—Catchment and standard average annual rainfall on direct and indirect catchment areas

<p>Direct catchment area (m² or km²)</p>	<p>Indirect catchment area (m² or km²)</p>
<p>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</p>	<p>Physical characteristics of direct and indirect catchment areas which affect the rate of storage of water</p>
<p>Details of standard average annual rainfall on the direct and indirect catchment areas of the reservoir according to meteorological office records</p>	

Part 7—Access, capacity etc.

<p>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</p>	<p>4. Capacity of reservoir cubic metres</p> <ul style="list-style-type: none"> ● At top water level <input style="width: 50px; height: 20px; margin-left: 10px;" type="text"/> ● Between the lowest natural ground level of any land adjoining the reservoir and top water level <input style="width: 50px; height: 20px; margin-left: 10px;" type="text"/> ● Between the lowest natural ground level of any land adjoining the reservoir at the level, as last specified in a certificate given under the Act of 1930 or under the Act, exclusive of any provision for flood storage <input style="width: 50px; height: 20px; margin-left: 10px;" type="text"/>
<p>2. Category:</p> <p>Impounding <input type="checkbox"/> Non-impounding <input type="checkbox"/></p>	<p>5. Surface water area:— m² or km²</p> <ul style="list-style-type: none"> ● At level specified in item 3 <input style="width: 50px; height: 20px; margin-left: 10px;" type="text"/> ● At top water level <input style="width: 50px; height: 20px; margin-left: 10px;" type="text"/>
<p>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 Act of 1930 or the Act</p>	<p>6. Fetch to dam, reservoir wall or embankment <input style="width: 50px; height: 20px; margin-left: 10px;" type="text"/> metres</p> <p style="margin-left: 10px;">Direction <input style="width: 50px; height: 20px; margin-left: 10px;" type="text"/></p>

Part 8—Dam, reservoir wall or embankment

<p>Type (Please tick the appropriate box)</p> <p>earth <input type="checkbox"/> rockfill <input type="checkbox"/> (specify sealing membrane or core)</p> <p>gravity <input type="checkbox"/> buttress <input type="checkbox"/></p> <p>other (please specify) <input type="checkbox"/></p>	<p>Year construction completed <input style="width: 50px;" type="text"/></p> <p>Maximum height of the dam, reservoir wall or embankment from the lowest natural ground level at the toe (including stream bed) to the top of the dam, wall or embankment (excluding wave wall) <input style="width: 50px;" type="text"/> metres</p>
<p>Details of:—</p> <ul style="list-style-type: none"> ● draw off works <input style="width: 50px;" type="text"/> ● bottom outlets <input style="width: 50px;" type="text"/> ● any other means of lowering the level of the water <input style="width: 50px;" type="text"/> 	

Part 9—Spillway works

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

(b) Particulars, with crest levels and lengths in metres of

- fixed crest weirs
- movable crest gates
- syphons (state whether air regulated saddle syphons or not)
- tunnels or other features affecting discharge capacity
- other gates or valves not specified elsewhere in this Part
- emergency spillway

(c) Particulars of movable gates or valves (please tick the appropriate box)

- method of operation — manual automatic float control
- sequence of operations
- source of power
- standby arrangements

Regulation 5

SCHEDULE 3

Prescribed matters relating to large raised reservoirs of which undertakers are to keep a record.

1. Persons having, in relation to the reservoir, a function provided for by the Act.
2. Certificates given under the Act or under the Act of 1930.
3. Reports made under the Act or under the Act of 1930.
4. Appointment of referees under the Act or the Act of 1930.
5. Re-use, abandonment and discontinuance.
6. Physical characteristics of direct and indirect catchment areas of the reservoir and method of filling from indirect catchment area.
7. Standard average annual rainfall on direct and indirect catchment areas of the reservoir.
8. Means of access to the reservoir.
9. Category of the reservoir, its use, the certified level up to which it may store water, its surface water area, capacity and fetch.
10. Structural character of the dam, reservoir wall or embankment, its date of completion, height, level of the top of the dam and reservoir wall or embankment and of the wave wall above Ordnance Datum. Details of draw off works, bottom outlets, or any other means of lowering the water level together with their maximum rates of discharge.
11. Spillway works; their type, location and level and the safety provisions made in connection with their operation.
12. Measures taken in the interests of safety on the recommendation of a qualified civil engineer.
13. Unusual events which could affect the safety of the reservoir.

Patrick Jenkin,
Secretary of State for the Environment.

12th February 1985.

Nicholas Edwards,
Secretary of State for Wales.

12th February 1985.

George Younger,
Secretary of State for Scotland.

13th February 1985.

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These regulations prescribe matters in relation to sections 2, 3 and 11 of the Reservoirs Act 1975, which are to come into force on 1st April 1985 in the non-metropolitan counties in England and in Wales and Scotland.

Regulation 3 prescribes the information about large raised reservoirs which is to be given in the register that local authorities are required by section 2 to maintain and requires that the register is to be kept at their principal offices.

Regulation 4 specifies the information that is to be given in the reports required by section 3 to be made to the Secretary of State by local authorities as to the steps they have taken as enforcement authorities to secure that reservoir undertakers observe and comply with the requirements of the Act and, as undertakers to themselves observe and comply with the Act. A first report is to be made on 1st April 1987 and subsequent reports at intervals of two years.

Regulation 5 prescribes certain matters, additional to those mentioned in section 11 of the Act about which reservoir undertakers have to provide information in the record of large raised reservoirs to be kept by them. They specify the particular information to be recorded and the form in which the record is to be kept.

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