



Jersey

RESERVOIRS (REGISTERS AND RECORDS) (JERSEY) ORDER 1997

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RESERVOIRS (REGISTERS AND RECORDS) (JERSEY) ORDER 1997

Arrangement

Article	
1	Interpretation5
2	Register5
3	Records.....6
4	Citation.....6
SCHEDULE 1	7
<hr/>	
INFORMATION TO BE GIVEN IN REGISTER OF LARGE RAISED RESERVOIRS	7
SCHEDULE 2	8
<hr/>	
PREScribed FORM OF RECORD FOR A LARGE RAISED RESERVOIR	8
Part 1 – Water levels and depth of water.....9	9
Part 2 – Leakages, settlements of walls or other works and repairs9	9
Part 3 – Persons having a function in relation to the reservoir provided for by the Law10	10
Part 4 – Certificates, reports and referees10	10
Part 5 – Re-use, abandonment and discontinuance of reservoirs.....11	11
Part 6 – Catchment and standard average annual rainfall on direct and indirect catchment areas11	11
Part 7 – Access, capacity etc.....12	12
Part 8 – Dam, reservoir wall or embankment13	13
Part 9 – Spillway works.....14	14
Part 10 – Measures taken in the interests of safety.....14	14
Part 11 – Unusual events14	14
SCHEDULE 3	15
<hr/>	
PREScribed MATTERS RELATING TO LARGE RAISED RESERVOIRS OF WHICH UNDERTAKERS ARE TO KEEP A RECORD	15

Supporting Documents

ENDNOTES	16
Table of Legislation History	16
Table of Renumbered Provisions	16
Table of Endnote References	16



Jersey

RESERVOIRS (REGISTERS AND RECORDS) (JERSEY) ORDER 1997¹

THE ENVIRONMENT AND PUBLIC SERVICES COMMITTEE, in pursuance of Articles 4, 11 and 29 of the Reservoirs (Jersey) Law 1996,² orders as follows –

Commencement [[see endnotes](#)]

1 Interpretation

In this Order –

“Department” means the Public Services Department;

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

“Schedule” means Schedule to this Order;

“Law” means the Reservoirs (Jersey) Law 1996;³

“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.

2 Register

- (1) The prescribed information to be given about large raised reservoirs in the register kept by the Minister pursuant to Article 4 of the Law shall be the information set out in Schedule 1.
- (2) The register shall be kept at the principal office of the Department.

3 Records

- (1) The prescribed form of the record required by Article 11(1) of the Law to be kept for every large raised reservoir by the undertakers shall be the form set out in Schedule 2.
- (2) The other matters of which a record is to be kept under Article 11(1) of the Law, in addition to those specified in sub-paragraphs (a) and (b) of that paragraph, shall be the matters set out in Schedule 3.
- (3) The information which is to be given about those matters which are specified in Article 11(1)(a) and (b) of the Law 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.

4 Citation

This Order may be cited as the Reservoirs (Registers and Records) (Jersey) Order 1997.

SCHEDULE 1

(Article 2)

**INFORMATION TO BE GIVEN IN REGISTER OF LARGE RAISED
RESERVOIRS**

1. Name and situation of reservoir.
2. National grid reference of reservoir.
3. Name and address of undertakers.
4. A summary of the contents of all certificates or reports under the Law received by the Minister, including –
 - (a) the name and address of the engineer giving the certificate or making the report,
 - (b) the Article of the Law the certificate is given under or the report made.
5. The following information, if it is revealed by any certificate or report or is otherwise known to the Minister –
 - (a) the category of the reservoir (i.e. whether impounding or non-impounding),
 - (b) the year(s) in which the dam(s) were completed,
 - (c) the construction of the dam(s) (i.e. whether constructed of earth, rockfill, gravity, buttress or by other means),
 - (d) 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,
 - (e) the capacity of the reservoir above the lowest natural ground level adjacent to it (in cubic metres) to top water level,
 - (f) the water surface area of the reservoir at top water level (in square metres or square kilometres).
6. Name and business address of the supervising engineer or, if the reservoir is under the supervision of a construction engineer, of that engineer.
7. Date when the next inspection is due under the Law or any date recommended for the next inspection under the Law by the supervising or inspecting engineer.
8. Particulars of any appointment made by the Minister under Article 15 of the Law.
9. Particulars of any measures taken by the Minister under Article 16 of the Law, including the date on which they were taken.

SCHEDULE 2

(Article 3)

PRESCRIBED FORM OF RECORD FOR A LARGE RAISED RESERVOIR**In this Form**

- the “Law” means the Reservoirs (Jersey) Law 1996;
- “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

- Method of recording water levels

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

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- 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

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- 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

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 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

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Part 3 – Persons having a function in relation to the reservoir provided for by the Law**• Undertakers**

Name
Address

• Inspecting engineer

Name
Address

• **Occasion for appointment of inspecting engineer** (*See Article 10(2) of the Law*)
(e.g. on recommendation of supervising engineer)

• **Construction engineer or engineer appointed for the purposes of Article 8 of the Law**

Name

Address

• Dates of appointment of –

• Construction engineer or engineer appointed under Article 8 of the Law
• Inspecting engineer

• Engineer appointed under Article 15 of the Law

From.....

To.....

From.....

To.....

From.....

To.....

• **Any engineer appointed under Article 15 of the Law by the Minister**

Name
Address

The purpose for which the appointment was made e.g. for the purposes of Article 8 of the Law

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

• Certificates

Date	Type (e.g. preliminary certificate)	Article and paragraph of the Law under which the certificate was given

Date	Type (e.g. preliminary certificate)	Article and paragraph of the Law under which the certificate was given

• Reports

Date	Article and paragraph of the Law under which the report was made

Date	Article and paragraph of the Law under which the report was made

• 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 Article 9 of the Law	Date of engineer's appointment	Details of any action taken by the Minister under Article 9 of the Law	Name and address of qualified civil engineer reporting under Article 14 of the Law	Date of engineer's appointment

• Discontinuance

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

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

Direct catchment area (m ² or km ²)	Indirect catchment area (m ² or km ²)
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

Part 7 – 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	<table style="width: 100%;"> <tr> <td style="width: 70%;">4. Capacity of reservoir</td> <td style="width: 30%; text-align: right;">cubic metres</td> </tr> <tr> <td>• At top water level</td> <td style="text-align: right;"><input style="width: 100px;" type="text"/></td> </tr> <tr> <td>• Between the lowest natural ground level of any land adjoining the reservoir and top water level</td> <td style="text-align: right;"><input style="width: 100px;" type="text"/></td> </tr> <tr> <td>• Between the lowest natural ground level of any land adjoining the reservoir and the level, as last specified in a certificate given under the Law, exclusive of any provision for flood storage</td> <td style="text-align: right;"><input style="width: 100px;" type="text"/></td> </tr> </table>	4. Capacity of reservoir	cubic metres	• At top water level	<input style="width: 100px;" type="text"/>	• Between the lowest natural ground level of any land adjoining the reservoir and top water level	<input style="width: 100px;" type="text"/>	• Between the lowest natural ground level of any land adjoining the reservoir and the level, as last specified in a certificate given under the Law, exclusive of any provision for flood storage	<input style="width: 100px;" type="text"/>
4. Capacity of reservoir	cubic metres								
• At top water level	<input style="width: 100px;" type="text"/>								
• Between the lowest natural ground level of any land adjoining the reservoir and top water level	<input style="width: 100px;" type="text"/>								
• Between the lowest natural ground level of any land adjoining the reservoir and the level, as last specified in a certificate given under the Law, exclusive of any provision for flood storage	<input style="width: 100px;" type="text"/>								

2. Category: Impounding <input style="width: 20px;" type="checkbox"/> Non-impounding <input style="width: 20px;" type="checkbox"/>	<table style="width: 100%;"> <tr> <td style="width: 70%;">5. Surface water area: -</td> <td style="width: 30%; text-align: right;">m² or km²</td> </tr> <tr> <td>• At level specified in item 3</td> <td style="text-align: right;"><input style="width: 100px;" type="text"/></td> </tr> <tr> <td>• At top water level</td> <td style="text-align: right;"><input style="width: 100px;" type="text"/></td> </tr> </table>	5. Surface water area: -	m ² or km ²	• At level specified in item 3	<input style="width: 100px;" type="text"/>	• At top water level	<input style="width: 100px;" type="text"/>
5. Surface water area: -	m ² or km ²						
• At level specified in item 3	<input style="width: 100px;" type="text"/>						
• At top water level	<input style="width: 100px;" type="text"/>						

3. The level up to which water may be stored, exclusive of flood storage, as it was last specified in a certificate given under the Law	<table style="width: 100%;"> <tr> <td style="width: 70%;">6. Fetch to dam, reservoir wall or embankment</td> <td style="width: 30%; text-align: right;"><input style="width: 100px;" type="text"/> metres</td> </tr> <tr> <td>Direction</td> <td style="text-align: right;"><input style="width: 100px;" type="text"/></td> </tr> </table>	6. Fetch to dam, reservoir wall or embankment	<input style="width: 100px;" type="text"/> metres	Direction	<input style="width: 100px;" type="text"/>
6. Fetch to dam, reservoir wall or embankment	<input style="width: 100px;" type="text"/> metres				
Direction	<input style="width: 100px;" type="text"/>				

Part 8 – Dam, reservoir wall or embankment

Type (Please tick the appropriate box)

earth ☐ rockfill ☐ (specify sealing membrane or core)gravity ☐ buttress ☐other (please specify) ☐

Date construction completed

Levels above Ordnance
Datum – of the top of
the dam and reservoir
wall or embankment Metresat the top of the wave
wall MetresMaximum height of the dam
and 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) metres

Details of: -

- draw off works

maximum rate of
discharge

- bottom outlets

maximum rate of
discharge

- any other means of lowering the level of the water

maximum rate of
discharge

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

Part 10 – Measures taken in the interests of safety

Details of any safety measures recommended under the Law	Dates when such recommendations were carried out	Details of any action taken by the Minister under Article 16 of the Law

Part 11 – Unusual events

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

SCHEDULE 3

(Article 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 Law.
2. Certificates given under the Law.
3. Reports made under the Law.
4. Appointment of arbitrators under the Law.
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

ENDNOTES

Table of Legislation History

Legislation	Year and No	Commencement
Reservoirs (Registers and Records) (Jersey) Order 1997	R&O.9058	1 March 1997
States of Jersey (Amendments and Construction Provisions No. 3) (Jersey) Regulations 2005	R&O.132/2005	9 December 2005

Table of Renumbered Provisions

Original	Current
SCHEDULE 1, paragraph 4(i)	SCHEDULE 1, paragraph 4(a)
(ii)	(b)
5(i)	5(a)
(ii)	(b)
(iii)	(c)
(iv)	(d)
(v)	(e)
(vi)	(f)

Table of Endnote References

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- ¹ This Order has been amended by the States of Jersey (Amendments and Construction Provisions No. 3) (Jersey) Regulations 2005. The amendments replace all references to a Committee of the States of Jersey with a reference to a Minister of the States of Jersey, and remove and add defined terms appropriately, consequentially upon the move from a committee system of government to a ministerial system of government
- ² chapter 27.600
- ³ chapter 27.600