

DAM SURVEILLANCE REPORT - TYPE 3

(Please complete all relevant sections of this form)

1. Details of Permit to Undertake Dam Works

Dam Permit No:

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Dam Name:

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(if applicable)

Issue Date:

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Construction Date:

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2. Details of Dam *(please check the following details of the dam)*

Embankment Height: metres

Maximum Storage Capacity: megalitres (ML)

Maximum Surface Area of Storage: ha

3. Location of Dam

Water Resource:

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(River, Rivulet, Creek, Brook)

1: 25 000 Map: Sheet Name:

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Sheet No:

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Grid Reference: East:

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North: 5

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4. Details of Dam Owner

Dam Owner:

(Individual or company)

Residential Address:

(Number) (Road, Street, Lane)

(Suburb, Town, City)

Postcode:

(State)

Postal Address:

(Number) (Road, Street, Lane)

(Suburb, Town, City)

Postcode:

(State)

Telephone:

Business:

Residential:

Mobile:

Facsimile:

Type of Dam (Please indicate by marking appropriate box with a X)

Embankment:	Homogenous earthfill:	<input type="checkbox"/>	Concrete or Masonry:	Gravity:	<input type="checkbox"/>
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Zoned earthfill:

Arch:

Earth and Rockfill:

Buttress:

Rockfill with impervious face (e.g. concrete):

Combination of these or other types (*brief description*)

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REPORT

Note:

Please supplement report with sketches and photographs
Include explanatory notes where space provided is insufficient.
Provide a comment in each section to confirm all features are inspected (including - not applicable, nil, etc. if appropriate).

Conditions at time of inspection:			
Weather:			
Storage level:	<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 150px;"></td> <td style="text-align: right;">Metres below Full Supply Level (FSL)</td> </tr> </table>		Metres below Full Supply Level (FSL)
	Metres below Full Supply Level (FSL)		
Date of most recent rain:			

A. Hazard Category

Current Hazard Category:	
Reviewed Hazard Category:	

5. Reasons for recommending hazard rating (refer ANCOLD Guidelines 2000 and attach Hazard rating spreadsheet):

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B. Embankment Dam

6. General condition of up-stream face:

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7. Location and extent of any cracks, slips, erosion, or subsidence in earth/rock materials:

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8. Location and extent of any cracks or other defects in concrete/bitumen or other impervious face:

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9. General condition of downstream face:

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10. Describe any cracks, slips, erosion, or subsidence in earth/rock materials leakage/seepage through dam, foundations or abutments (give location, quantity, clear or coloured):

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C. Concrete or Masonry Dam

11. Location and extent of any defects (such as cracks, surface deterioration, etc):

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12. Describe any leakage/seepage through dam, foundation or abutments (give location, quantity, clear or coloured):

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13. Provide details of any drains in the dam and state whether they are open or blocked. Are they flowing?

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D. Spillway

14. Type of spillway and nature of discharge channel (e.g. grassed, rock, concrete lined, etc.):

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15. Width of spillway channel around end of dam:		Metres
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16. Depth of spillway channel below top of dam:		Metres
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17. Outlet width of return slope channel at return to natural streambed:		Metres
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18. Location and extent of any spillway erosion, head cuts or movement:

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19. Location and extent of any obstructions to flow (Note flood spillways must be kept clear of obstructions at all times and must not be reduced in capacity by piping, bridging, screening, etc.):

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20. Location and extent of any defects in concrete or masonry:

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21. Give number, size, type and condition of any gates or stop-logs (including operating facility):

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22. If available, provide information on the highest flood (and date of occurrence) passed by the spillway including height relative to crest of dam:

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E. Outlet works

23. Outlet Pipe:				
Material:		Diameter:		mm

24. Out Valve:				
Material:		Diameter:		mm

25. State whether outlet works are in good working order, if not, give details:

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F. Other Matters

26. Are there any other matters within the owner's knowledge which could affect the safety of the dam?

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27. Is the dam considered to be in a safe condition? Indicate any measures necessary to make the dam safe.

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CERTIFICATION

This is to certify that the information submitted in this report is true and is based on a recent inspection of the dam and its associated works and is, to the best of my knowledge, true and correct.

<u>Name of person making inspection:</u>			
<u>Occupation:</u>			
<i>(eg Civil Engineer, Manager)</i>			
Contact Address:			
<i>(Number) (Road, Street, Lane)</i>			
<i>(Suburb, Town, City)</i>			
			Postcode:
<i>(State)</i>			
Signature:			
Date:			

<u>This is to certify that I have read the above report and accept the findings.</u>			
Name of Owner/or Authorised Representative:			
Signature:			
Date:			

