

Inventory Survey of Check Dams in the Intensive Area

Inventory ID No.

CD - 3

Page 1/2

Survey Date 28-Nov-00

1) Location

Name of the Dam

Tataaran I

Coordinate

01°16'06" N 124°52'48" E

2) History

Year of construction

1983/1984

Government agency

BRLKT

3) Catchment Area

Sub-watershed No.

-

Name of the Downstream River

Toubeke

Catchment area

81 ha

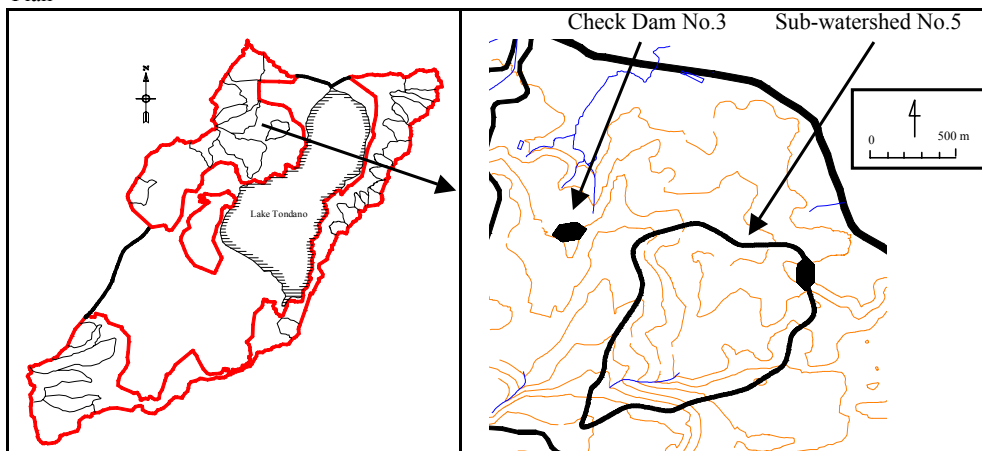
Estimated original river gradient

Unknown %

Landuse of the upstream

University Campus/Arable Upland

Plan



4) Dam Body

Dam Type

Earth Fill Dam

Crest Length

45.0 m

Dam Pengendali

Crest Width

4.0 m

D/S Slope

Unknown -

Dam Height

Unknown m

Note :

D/S = Downstream

View from downstream



Condition



The Study on Critical Land and Protection Forest
Rehabilitation at Tondano Watershed
in the Republic of Indonesia

Japan International Cooperation Agency

Figure HAT3.4

Inventory Survey of Existing Check Dam
(CD-3) (1/2)

Inventory Survey of Check Dams in the Intensive Area

Inventory ID No.

CD - 3

Page 2/2

Survey Date **28-Nov-00**

5) Spillway

Spillway Bed Width

2.0 m

Material

Wet Masonry

Spillway Height

1.0 m

View of spillway



Condition

6) Intake Gate

Type

Sluice Gate

View of intake gate



Condition

7) Water Supply

Intention for Water Supply

Yes

Purpose of Water Supply

Irrigation

Present Land Use of the Downstream

**University Campus /
Arable Upland**

Condition of Irrigation Facilities

Abandoned

<Irrigation area was changed to university campus.>

8) Sedimentation

Status of Sediment Control

Abandoned

Deposition Gradient

N/A

%

Sedimentation Yield

N/A

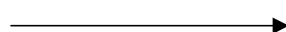
m³

N/A

ton/ha/year

9) Dam Lake

General View of Dam Lake



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Figure HAT3.4

**Inventory Survey of Existing Check Dam
(CD-3) (2/2)**