

Inventory Survey of Check Dams in the Intensive Area

Inventory ID No.

CD - 8

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Survey Date 08-Dec-00

1) Location

Name of the Dam

Touure

Coordinate

01°08'50" N

124°47'15" E

Name of the Location

Tumaratas, Sub-district Langowan

2) History

Year of construction

1991/1992

Government agency

BRLKT

3) Catchment Area

Sub-watershed No.

10

Name of the Downstream River

Panasen

Catchment area

59 ha

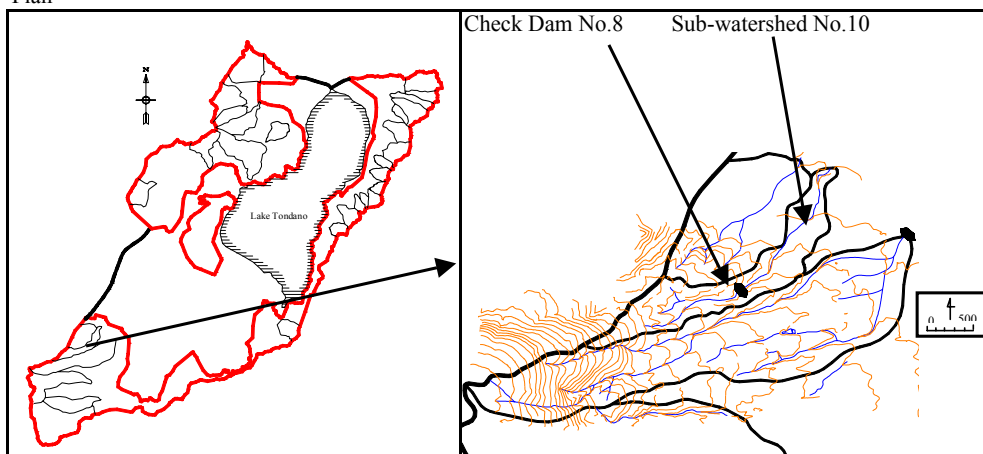
Estimated original river gradient

8.0 %

Landuse of the upstream

Forest/Arable Upland

Plan



4) Dam Body

Dam Type

Earth Fill Dam

Crest Length

- m

Dam Pengendali

Crest Width

- m

D/S Slope

- -

Dam Height

- m

Note :

D/S = Downstream

View



Condition

Dam body has collapsed.

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

Japan International Cooperation Agency

Figure HAT3.9

Inventory Survey of Existing Check Dam (CD-8) (1/2)

Inventory Survey of Check Dams in the Intensive Area

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5) Spillway

Spillway Bed Width

- m

Material

Wet Masonry

Spillway Height

- m

View of spillway



Condition

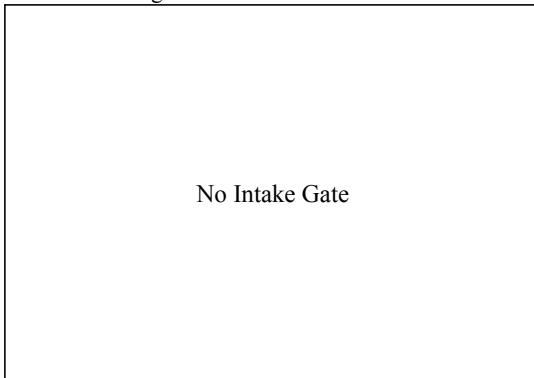
Slope failure has blocked the spillway section.
This might be the reason of dam body collapse.

6) Intake Gate

Type

Sluice Gate

View of intake gate



Condition

7) Water Supply

Intention for Water Supply

No

Purpose of Water Supply

-

Present Land Use of the Downstream

Arable Upland

Condition of Irrigation Facilities

-

8) Sedimentation

Status of Sediment Control

Not Functioning

Deposition Gradient

N/A

%

Sedimentation Yield

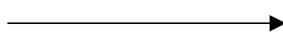
N/A

m³
ton/ha/year



9) Dam Lake

General View of Dam Lake



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Figure HAT3.9

Inventory Survey of Existing Check Dam
(CD-8) (2/2)