

## Inventory Survey of Check Dams in the Intensive Area

Inventory ID No.

CD - 6

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Survey Date 23-Nov-00

### 1) Location

Name of the Dam

Kasuratan

Coordinate

01°15'07" N 124°50'11" E

Kasuratan, Sub-district Remboken

### 2) History

Year of construction

1991/1992

Government agency

BRLKT

### 3) Catchment Area

Sub-watershed No.

-

Name of the Downstream River

-

Catchment area

22 ha

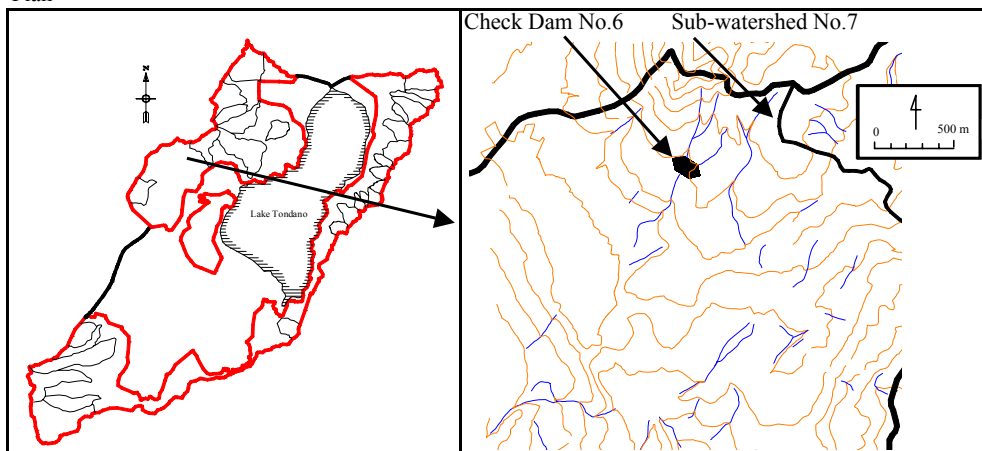
Estimated original river gradient

9.3 %

Landuse of the upstream

Forest

Plan



### 4) Dam Body

Dam Type

Earth Fill Dam

Crest Length

30.0 m

Dam Pengendali

Crest Width

3.5 m

D/S Slope

1:2

Dam Height

2.0 m

Note :

D/S = Downstream

General view



Condition

Downstream portion has damaged.  
Seepage from toe of slope is observed.

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Rehabilitation at Tondano Watershed  
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Japan International Cooperation Agency

Figure HAT3.7

Inventory Survey of Existing Check Dam  
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## Inventory Survey of Check Dams in the Intensive Area

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### 5) Spillway

Spillway Bed Width **2.0** m  
Spillway Height **0.8** m

Material **Wet Masonry**

View of spillway



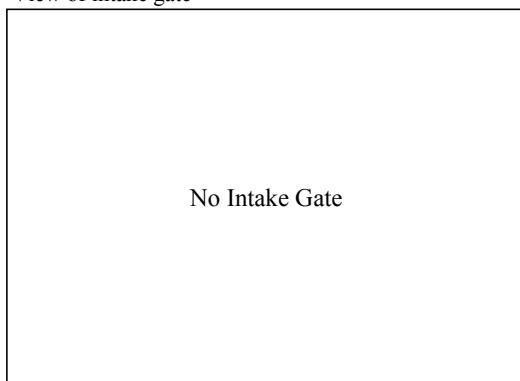
*Condition*

Downstream part is brokendown.

### 6) Intake Gate

Type **N/A**

View of intake gate



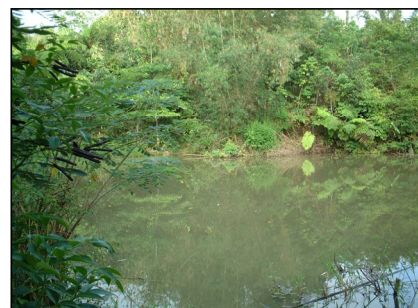
*Condition*

### 7) Water Supply

Intention for Water Supply	No
Purpose of Water Supply	None
Present Land Use of the Downstream	Grassland
Condition of Irrigatiion Facilities	-

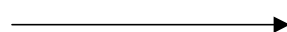
### 8) Sedimentation

Status of Sediment Control	Functioning
Deposition Gradient	N/A %
Sedimentation Yield	N/A m <sup>3</sup>
	N/A ton/ha/year



### 9) Dam Lake

General View of Dam Lake



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**Figure HAT3.7**

**Inventory Survey of Existing Check Dam  
(CD-6) (2/2)**