

## Inventory Survey of Check Dams in the Intensive Area

Inventory ID No.

CD - 2

Page 1/2

Survey Date **13-Oct-00**

### 1) Location

Name of the Dam

**Tataaran II**

Coordinate

**01°16'39"**

N

**124°52'05"**

E

**Tataaran II, Sub-district Tondano**

### 2) History

Year of construction

**1984/1985**

Government agency

**BRLKT**

### 3) Catchment Area

Sub-watershed No.

**2**

Name of the Downstream River

**Toubeke**

Catchment area

**32** ha

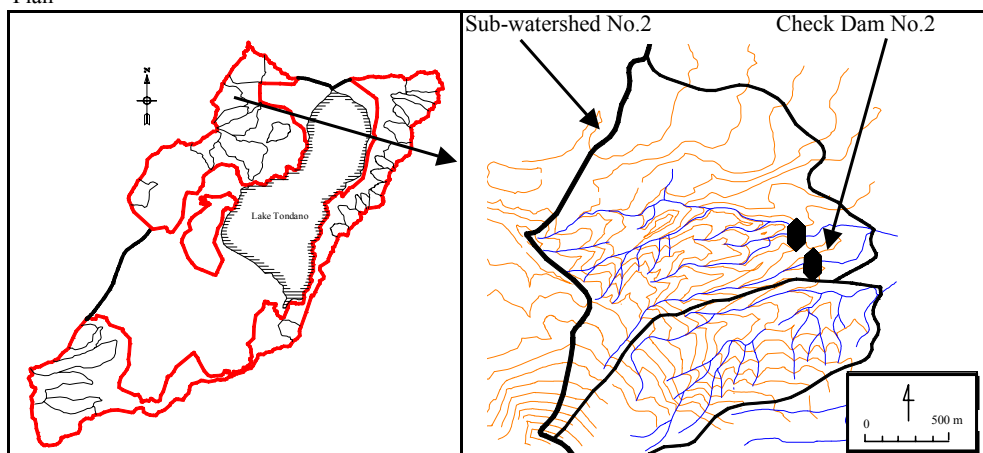
Estimated original river gradient

**7.1** %

Landuse of the upstream

**Forest/Arable Upland**

Plan



### 4) Dam Body

Dam Type

**Earth Fill Dam**

Crest Length

**45.0** m

D/S Slope

**1:2.5**

Crest Width

**10.0** m

Dam Height

**6.5** m

Note :

D/S = Downstream

View from upstream



Condition

Good.

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in the Republic of Indonesia**

Japan International Cooperation Agency

**Figure HAT3.3**

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

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Page 2/2

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### 5)Spillway

Spillway Bed Width **3.5** m  
Spillway Height **3.5** m

Material **Wet Masonry**

View of spillway



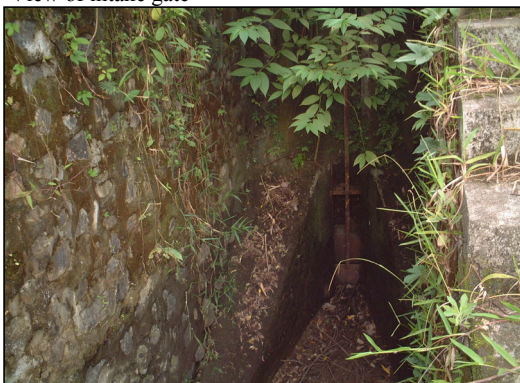
Condition

Good.

### 6)Intake Gate

Type **Sluice Gate**

View of intake gate



Condition

Good.

### 7)Water Supply

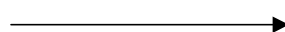
Intention for Water Supply	<b>Yes</b>
Purpose of Water Supply	<b>Irrigation</b>
Present Land Use of the Downstream	<b>Arable Upland</b>
Condition of Irrigation Facilities	<b>Not functioning</b>

### 8)Sedimentation

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

### 9)Dam Lake

General View of Dam Lake



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**Figure HAT3.3**

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