

A STUDY ON SURFACE WATER QUALITY IN SINGAR
CANDI, TROMBUNG

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**A STUDY ON SURFACE WATER MOVEMENT IN SUNGAI COMO,
TASIK KENYIR**

**By
Siti Nor Fatimah Binti Zakaria**

**Research Report submitted in partial fulfillment of
the requirements for the degree of
Bachelor of Agrotechnology Science (Aquaculture)**

**Department of Fisheries and Aquaculture
FACULTY OF AGROTECHNOLOGY AND FOOD SCIENCE
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**FAKULTI AGROTEKNOLOGI DAN SAINS MAKANAN
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**PENGAKUAN DAN PENGESAHAN LAPORAN
PROJEK ILMIAH I DAN II**

Adalah ini diakui dan disahkan bahawa laporan ilmiah bertajuk:

A STUDY ON SURFACE WATER MOVEMENT IN SUNGAI COMO,
TASIK KENYIR

oleh SITI NOR FATIMAH BT ZAKARIA, No.Matrik UK14212 telah
diperiksa dan semua pembetulan yang disarankan telah dilakukan. Laporan ini dikemukakan
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DECLARATION

I hereby declare that the work in this thesis is my own except for quotations and summaries which have been duly acknowledged.

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ABSTRACT

Tasik Kenyir is an aquaculture industrial zone and angler's haven for fishing. Mass mortality of fish was occurs from time to time in the area. It is very important to investigate surface water movement and hydrological parameters in the area in order to provide information for sustainable aquaculture in the area. The surface water movement in Sungai Como, Tasik Kenyir was studied on December 2008 and January 2009. Water current in the study area were not detected beyond 10 meter and the wind flow was 0.5-2.0 m/s. The overall mean of hydrological parameter in Sungai Como, Tasik Kenyir for sampling 1 such as temperature, pH and DO were 26.53°C, 7.56 and 4.02 mg/l while the overall mean of hydrological parameter in Sungai Como, Tasik Kenyir for sampling 2 such as temperature, pH and DO were 29.02°C, 8.44 and 6.75 mg/l.

ABSTRAK

Tasik Kenyir adalah kawasan zon ekonomi akuakultur dan tempat memancing. Kadar kematian ikan berlaku dari semasa ke semasa di tempat ini. Kematian ikan berlaku disebabkan oleh pergerakan air dan hydrology parameter. Jadi, adalah penting untuk membuat kajian mengenai pergerakan air di permukaan dan hydrology parameter di tempat ini supaya kawasan akuakultur dapat diteruskan. Kajian pergerakan air dikaji pada bulan Oktober dan Disember 2008. Pergerakan air di Sungai Como, Tasik Kenyir adalah tidak dapat dikesan dalam kedalaman 10 meter dan purata arus air adalah 0.5-2.0 m/s. Jumlah purata untuk hydrology parameter di Sungai Como, Tasik Kenyir pada sampling pertama seperti suhu, pH dan DO adalah 26.53°C, 7.56 dan 4.02 mg/l manakala jumlah purata untuk hydrology parameter di Sungai Como, Tasik Kenyir pada sampling kedua seperti suhu, pH dan DO adalah 29.02°C, 8.44 and 6.75mg/l.