

JAPAN INTERNATIONAL COOPERATION AGENCY(JICA)
MINISTRY OF WATER AND LIVESTOCK DEVELOPMENT
UNITED REPUBLIC OF TANZANIA

THE STUDY
ON
WATER SUPPLY AND SANITATION
IN
LINDI AND MTWARA REGIONS

FINAL REPORT
VOL.2 MAIN REPORT



DECEMBER 2001

KOKUSAI KOGYO CO.,LTD.TOKYO,JAPAN

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In this report, the project cost is estimated using the May 2001 price and at an exchange rate of 1 US\$ = 117.59 Japanese Yen = 792 Tanzanian Shilling

Preface

In response to a request from the Government of the United Republic of Tanzania, the Government of Japan decided to conduct a Study on the Project of Water Supply and Sanitation in the Lindi and Mtwara Regions and entrusted the Study to the Japan International Cooperation Agency (JICA).

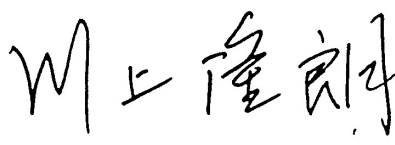
JICA sent to Tanzania a Study Team headed by Mr. Kunio Fujiwara, Kokusai Kogyo Co., Ltd., on four occasions between February 2000 and December 2001.

The Team held discussions with the officials concerned of the Government of Tanzania, and conducted field surveys at the Study Area. After the Team returned to Japan, further studies were made and the present report was prepared.

I hope that this report will contribute to the promotion of the Project and to the establishment of friendly relations between our two countries.

I wish to express my sincere appreciation to the officials concerned of the Government of the United Republic of Tanzania for the close cooperation they extended to the team.

December, 2001

A handwritten signature in black ink, consisting of stylized Japanese characters, positioned above a horizontal line.

Takao Kawakami

President,

Japan International Cooperation Agency

December 2001

Mr. Takao Kawakami
President,
Japan International Cooperation Agency
Tokyo, Japan

Letter of Transmittal

Dear Mr. Kawakami,

We are pleased to submit to you the study report on Water Supply and Sanitation in Lindi and Mtwara Regions in the United Republic of Tanzania.

The report presents the study results on the present socioeconomic conditions, especially of the water supplies in the two regions of southern Tanzania, the monitoring results of the pilot water supply schemes, and the water sources development potential of the area. Also addressed in the report is the plan for a water supply project using groundwater as the supply source in the prioritized 100 villages out of 913 villages.

The study consists of four separate volumes, including the Summary, the Main Report, the Supporting Report and the Data Book. The Summary states concisely all the results of the Study. The Main Report describes the results of the Study and analysis including the project implementation plans for the priority villages and an evaluation of the project. The Supporting Report contains tables on conditions of present water use and supply facilities of the 95 villages visited for sampling surveys and the 100 villages for feasibility studies, respectively. It also includes summary sheets of the hydrogeological conditions of each of the 100 villages and the roles of the village water committees currently established at the pilot scheme sites. The Data Book contains the tables listing all the villages in the two regions (913 villages with 510 sub-villages), various data from hydrogeological and geophysical field surveys, and the results of water quality tests on 161 samples.

We are confident that implementation of the proposed project would greatly contribute to improving the water supply conditions in the two regions of southern Tanzania.

We wish to take this opportunity to express our sincere gratitude to your agency and the Japanese Embassy in Tanzania. We also wish to express our deep appreciation to the Ministry of Water and Livestock Development and other authorities concerned of the Government of the United Republic of Tanzania for the close cooperation and assistance extended to us during our activities in the Study Area.

Very truly yours,

Kunio Fujiwara,
Leader of the Study Team,
Kokusai Kogyo Co., Ltd.