No.

BASIC DESIGN STUDY REPORT

ON

THE PROJECT FOR

VIMPROVEMENT OF SOLID WASTE

a a MANAGEMENT

IN THE GREATER AMMAN

IN THE HASHEMITE KINGDOM/OF JORDAN

ÆEBRÚARY, 1994

knyironmentala technolocho consultant co., ltd:





国際協力事業団

JAPAN INTERNATIONAL COOPERATION AGENCY
THE HASHEMITE KINGDOM OF JORDAN
THE GREATER AMMAN

BASIC DESIGN STUDY REPORT

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FEBRUARY, 1994

PREFACE

In response to a request from the Government of the Hashemite kingdom of Jordan, the Government of Japan decided to conduct a basic design study on the Project for Improvement of Solid Waste Management in the Greater Amman in the Hashemite Kingdom of Jordan and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to Jordan a study team headed by Mr. Alisatoshi Okubo, First Basic Design Study Division, Grant Aid Study and Design Department, JICA and constituted by members of Environmental Technologic Consultant Co., Ltd., from 23rd August to 21st September, 1993.

The team held discussions with the officials concerned of the Government of Jordan, and conducted a field study at the study area. After the team returned to Japan, further studies were made. Then, a mission headed by Mr. Naohiro Watari, Grant Aid Division, Bureau of Economic Cooperation, Ministry of Foreign Affairs, was sent to Jordan in order to discuss a draft report, and as this result, the present report was finalized.

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

I wish to express my sincere appreciation to the officials concerned of the Government of the Hashemite Kingdom of Jordan for their close cooperation extended to the teams.

February, 1994

Kensuke Yanagiya

Kensuke Yanagiya

President

Japan International Cooperation Agency

Mr. Kensuke Yanagiya, President Japan International Cooperation Agency Tokyo, Japan

Letter of Transmittal

We are pleased to submit to you the basic design study report on the Project for Improvement of Solid Waste Management in the Greater Amman in the Hashemite Kingdom of Jordan.

This study was conducted by Environmental Technologic Consultant Co., Ltd, under a contract to JICA, during the period 18th August 1993 to 15th February 1994. In conducting the study, we have examined the feasibility and rationale of the project with due consideration to the present situation of Jordan and formulated the most appropriate basic design for the project under Japan 's grant aid scheme.

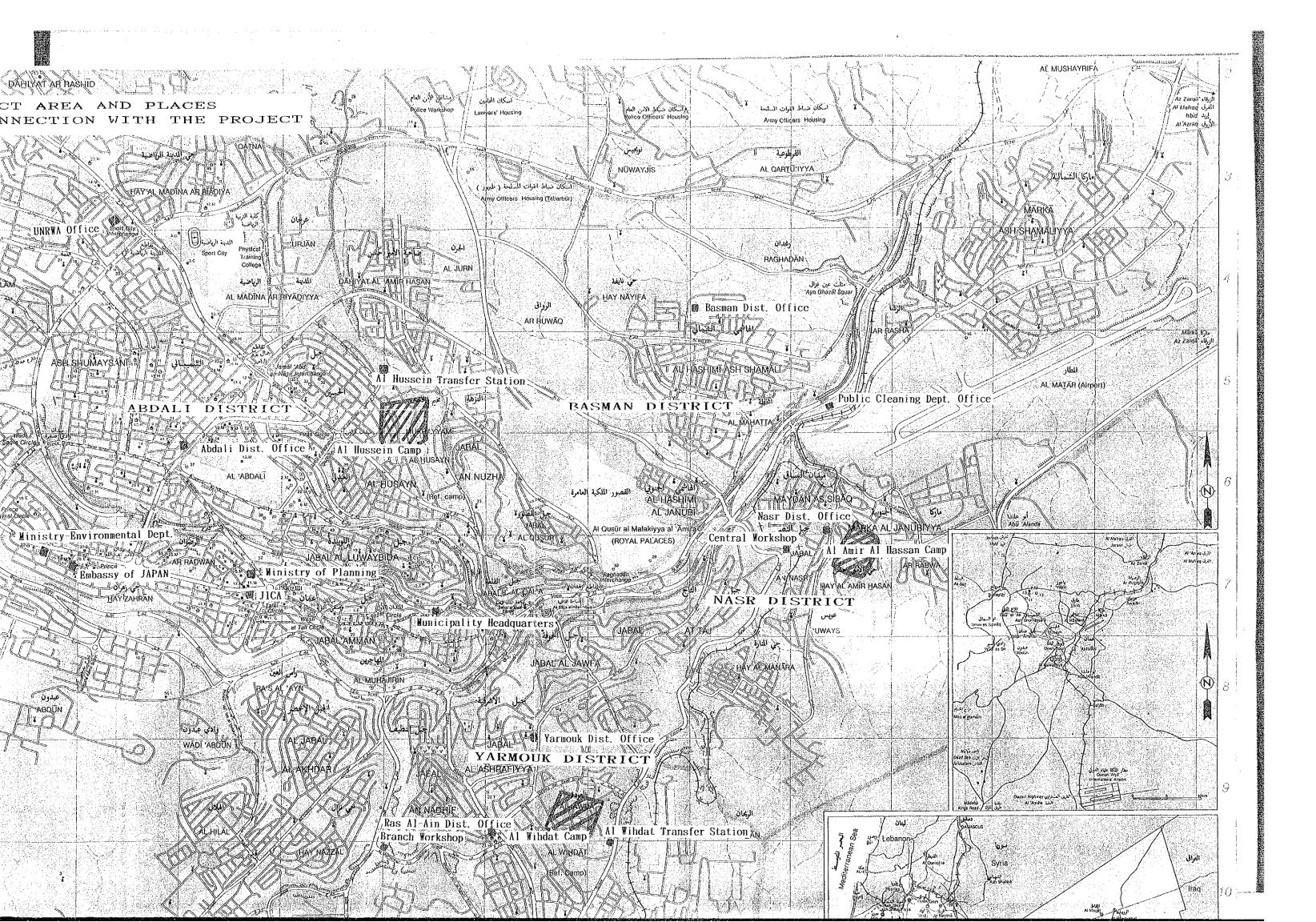
We wish to take this opportunity to express our sincere gratitude to the officials concerned of JICA, the Ministry of Foreign Affairs, and the Ministry of Health and Welfare. We would also like to express our gratitude to the officials concerned of the Ministry of Planning the Municipality of Greater Amman, the JICA Jordan Office, the Embassy of Japan in Jordan for their cooperation and assistance throughout our field survey.

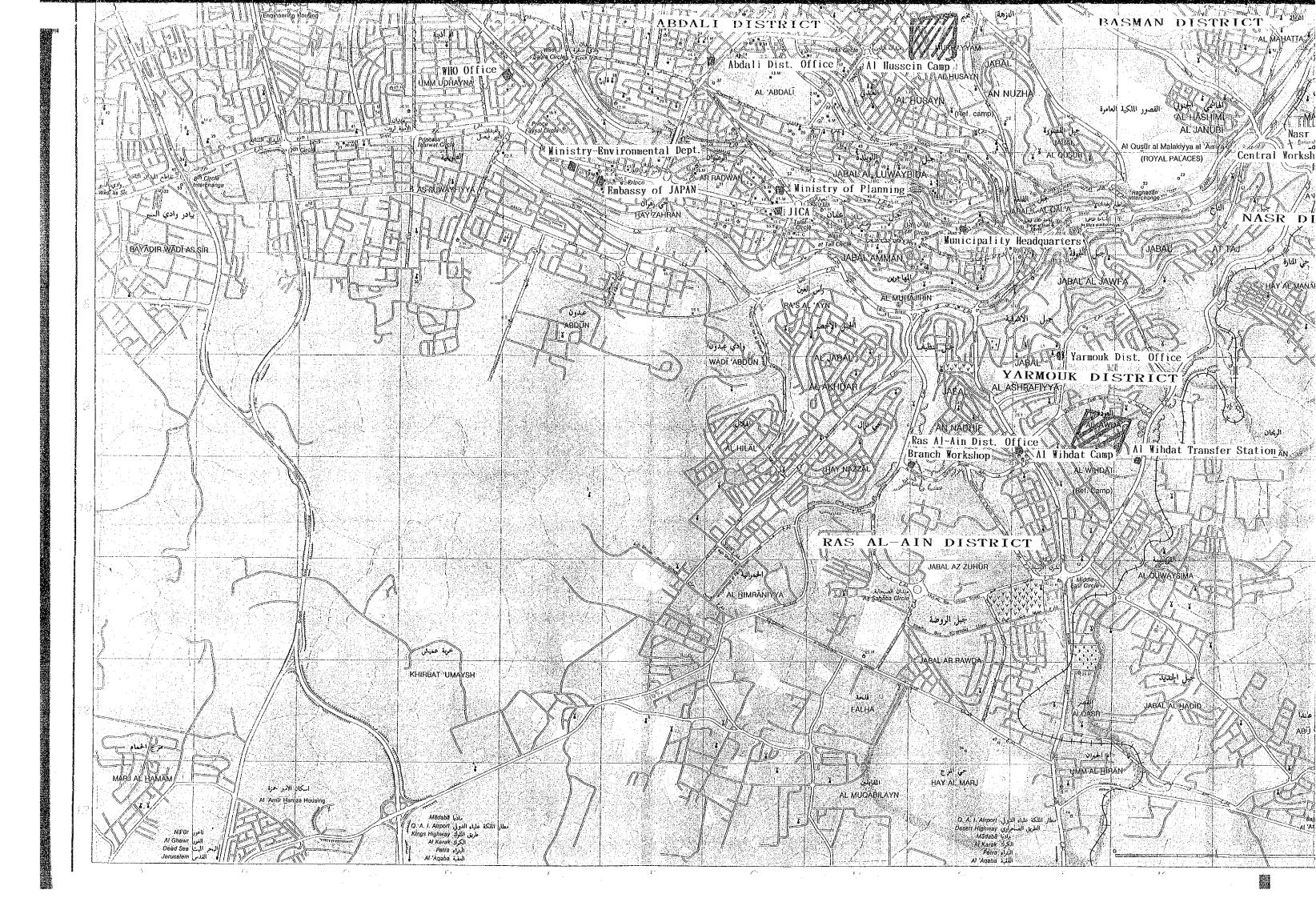
Finally, we hope that this report will contribute to further promotion of the project.

Very truly yours,

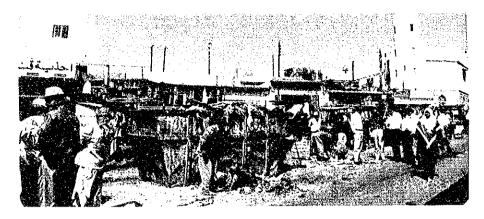
陆至康文

Yasufumi Sato
Chief Engineer,
Basic design study team on the
Project for Improvement of
Solid Waste Management in the
Greater Amman in the Hashemite
Kingdom of Jordan.





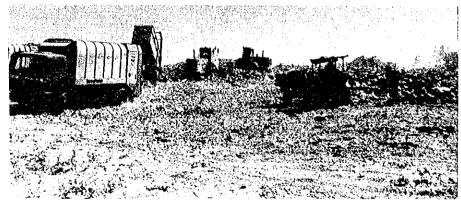




Palestine refugees camp (Al Wihdat Camp)



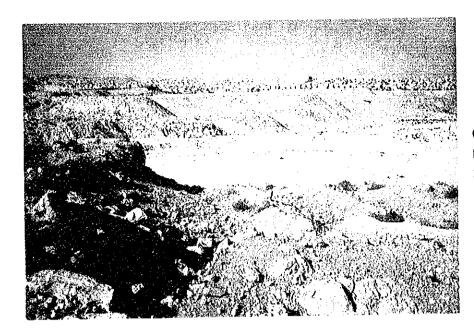
Narrow street in project area
Door-to-door collection by pushcarts
shows trash receptacles



Rusayfa final disposal site



Signing of Minutes of Discussions (31st August 1993)



Candidate site of the next stage of final disposal in Rusayfa



Candidate site of a transfer station in Al Hussein



Signing of Minutes of Discussions on the draft report (18th November 1993)