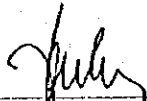


## 添付資料 4

M/D (英文)

MINUTES OF DISCUSSIONS  
ON  
IMPLEMENTING ARRANGEMENT  
ON  
THE TECHNICAL COOPERATION  
FOR  
STUDY ON PROVINCIAL WATER SUPPLY, SEWERAGE AND  
SANITATION SECTOR PLANS  
FOR  
VISAYAS AND MINDANAO  
IN  
THE REPUBLIC OF THE PHILIPPINES  
AGREED UPON BETWEEN  
DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT  
AND  
JAPAN INTERNATIONAL COOPERATION AGENCY

MANILA, AUGUST 27, 1997



Hon. Robert Z. BARBERS  
Secretary

Department of the Interior and Local Government



Ms. Keiko YAMAMOTO  
Leader, Preparatory Study Team  
Japan International Cooperation Agency

The Japan International Cooperation Agency (hereinafter referred to as "JICA"), at the official request of the Government of the Republic of the Philippines, dispatched the preparatory study team (hereinafter referred to as "the Preparatory Team") headed by Ms. Keiko YAMAMOTO from 18th August to 30th August, 1997 to discuss the Implementing Arrangement on the technical cooperation for the Study on Provincial Water Supply, Sewerage and Sanitation Sector Plans for Visayas and Mindanao in the Republic of the Philippines (hereinafter referred to as "the Study").

The Preparatory Team had a series of discussions with the Philippine authorities concerned such as Department of the Interior and Local Government (hereinafter referred to as "DILG"). The list of those who attended these discussions is shown in Annex. Both sides agreed on the Implementing Arrangement (I/A) for the Study.

This document sets forth main items discussed.

### **1. Explanation of JICA's Program**

The Preparatory Team explained JICA's Development Study Program and the Philippine side understood it.

### **2. Study Title**

The title of the Study will be "The Study on Provincial Water Supply, Sewerage and Sanitation Sector Plans for Visayas and Mindanao in the Republic of the Philippines" as described in the I/A.

### **3. Target Provinces**

Among the proposed twenty-one(21) target provinces, following provinces were proved to be covered by the "Assessment of the Domestic Water Supply and Sanitation Sector" study, which was conducted by NEDA Regional Offices with financial assistance of UNICEF (hereinafter referred to as "UNICEF Study").

Region X (completed)

Misamis Oriental

Region XI (on-going)

Davao del Sur, Davao, Davao Oriental, South Cotabato, Sarangani

Region VIII (on-going)

Biliran, Eastern Samar, Leyte, Northern Samar, Western Samar, Southern Leyte

The UNICEF Study includes data collection of existing water supply and sanitation facilities, data processing and prioritization of Barangays and municipalities. It, however, does not contain formulation of Master Plan (M/P) such as planning framework setting, demand projection and investment planning.

As to above mentioned provinces, the Study will make the most use of the results of UNICEF Study and will mainly focus on formulating M/Ps.

DILG and NEDA stated that there was no other project duplication. The Preparatory Team remarked that the target provinces would be reconsidered if any duplication would be found.

### **4. Peace and Order**

The Preparatory Team explained that the Japanese side would pay attention to the Peace and Order situation of the target provinces and that there would be some possibility of reconsidering the target provinces in case of any change in the situation.

The Preparatory Team requested DILG to provide information about the Peace and Order situation for the JICA Study Team and to take necessary measures to secure the safety of the JICA

Study Team.

The Philippine side agreed to above explanation and request.

#### **5. Model Provinces**

Both sides agreed that one model province would be selected for each batch to conduct detail survey. The Preparatory Team requested DILG to select model provinces and to inform JICA of the selection result, at least the one for the first batch, before the commencement of the plenary study. The model provinces should meet following conditions.

- (1) The Study Team can conduct field surveys in safety.
- (2) Project needs are highly recognized.
- (3) It is desirable that the model provinces have suitable scale and institutional capacity and represent local peculiarity.

#### **6. Data Collection**

As to data collection, both sides agreed that it would be desirable to collect and/or validate basic data by Barangay level if possible.

The Preparatory Team requested that PSPTs of the first batch start collection of data and information before the commencement of the plenary study based upon the questionnaire form.

#### **7. Study Execution Structure**

The followings were confirmed regarding study execution structure:

- (1) A full and active participation of central agency staff and provincial local government personnel will be promoted
- (2) As the leading agency, DILG, through its Water Supply and Sanitation Program Management Office (WSS-PMO), will oversee and coordinate the preparation of plans
- (3) DILG will assign one full time staff to work with the Study Team for each batch
- (4) DPWH, DOH, LWUA and NEDA will assign one staff to coordinate with the Study Team
- (5) DILG will assign one coordination staff for each of the target provinces to oversee and coordinate the plan preparation activities
- (6) Provincial Sector Planning Teams (PSPT) will be organized by delegations of PPDO, PEO, PHO (and other related organization(s), if necessary) in every target province and JICA will be informed as soon as this set-up is completed
- (7) A Memorandum of Agreement will be executed between DILG and LGUs concerned to ensure their commitment and support to the Study.
- (8) DILG should inform all the related organizations about implementing arrangement of this Study.

#### **8. Undertakings of the Government of the Philippines**

- (1) The Philippine side committed to provide office space in Manila with minimum three telephone lines, chairs and desks. The Philippine side also committed to provide office space in principal cities of each batch and detail location will be determined at the commencement of the plenary study.
- (2) The Philippine side should bear daily allowance and accommodation charges of counterpart personnel for field surveys.

#### **9. Equipment**

The Philippine side requested that the Japanese side prepare a computer set for each target province to carry out the data encoding, long and medium term planning review and updating. The

Preparatory Team committed to convey this request to JICA H.Q. for consideration.

**10. Reports**

As for the Study reports, the Philippine side agreed to make them open to the public after completion of the Study in order to achieve maximum use of the Study results.



## ANNEX

### LIST OF ATTENDANTS

#### (Philippine side)

##### Department of Interior and Local Government (DILG)

Hon. Robert Z. Barbers	Secretary
Mr. Manuel R. Sanchez	Undersecretary
Mr. Normando J. Toledo	Director, Office of Project Development Services
Mr. Orville M. Roque	Program Manager, Water Supply and Sanitation Program Management Office (WSS-PMO)
Ms. Ellen I. Pascua	Assistant Program Manager, WSS-PMO
Mr. Rogelio B. Ocampo	Chief, Planning Division, WSS-PMO
Ms. Fe Crisilla M. Banluta	PW4SP Project Officer, WSS-PMO
Mr. Masahiko Suzuki	JICA Expert, Bureau of Local Government Supervision

##### National Economic and Development Authority (NEDA)

Ms. Cristina C. Santiago	Public Investment Staff, Economic Development Specialist
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##### Local Water Utilities Administration (LWUA)

Mr. Ceferino C. Aguinaldo Jr.	Project Manager, PMO
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##### National Water Resources Board (NWRB)

Dr. Lope Villena

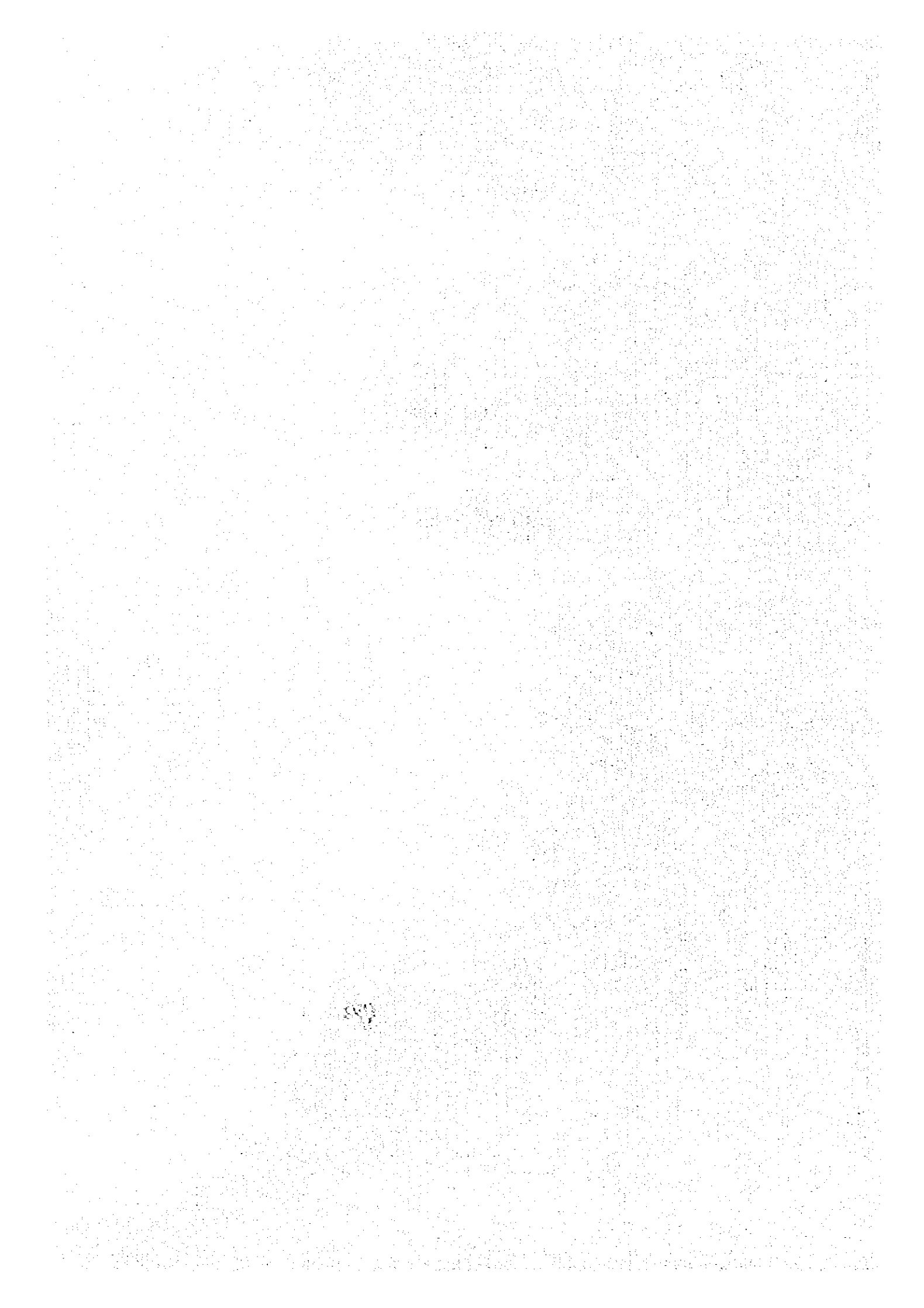
#### (Japanese side)

##### Preparatory Study Team

Ms. Keiko Yamamoto	Leader
Mr. Keiichi Kanaya	Member
Mr. Yasuhei Ajiro	Member
Mr. Shigeyuki Matsumoto	Member

##### JICA Philippines Office

Ms. Maki Nagai	Assistant Resident Representative
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## 添付資料5

### 収集資料リスト



資料リスト (□収集資料/□専門家作成資料)

主任部長	次官管理部長	主官部長	情報管理部長	技術情報部長	国際協力部長

番号	資料の名称	形態(図書、ビデオ、写真等)	取得経路(専門家作成、JICA作成、資料)	発行機関	取得区分	国際協力人電
1	The President's 1996 Socio-Economic Report	報告書	*	NEDA	□CR( )-SC	
2	General Primer (Local G. Code of 1991)	図書コピー	*	フィリピン政府	□CR( )-SC	
3	The Barangay & the Local Gov. Code	冊子	*	Aquilino Q. Pimentel	□CR( )-SC	
4	Regional municipal development project	報告書コピー	*	ADB(アジア開発銀行)	□CR( )-SC	
5	Rural water supply and sanitation sector project	報告書コピー	*	ADB(アジア開発銀行)	□CR( )-SC	
6	Small towns water supply sector project	報告書コピー	*	ADB(アジア開発銀行)	□CR( )-SC	
7	1995 Census of Population CAGAYA	報告書	*	NSO	□CR( )-SC	
8	1995 Census of Population S. MINDANAO	報告書	*	NSO	□CR( )-SC	
9	1995 Census of Population E. VISAYAS	報告書	*	NSO	□CR( )-SC	
10	1995 Census of Population W. VISAYAS	報告書	*	NSO	□CR( )-SC	
11	1995 Census DAVAO ORIENTAL	報告書	*	NSO	□CR( )-SC	
12	1995 Census EASTERN SAMAR	報告書	*	NSO	□CR( )-SC	
13	Provincial Profile EASTERN SAMAR	報告書	*	NSO	□CR( )-SC	
14	Provincial Profile MISAMIS ORIENTAL	報告書	*	NSO	□CR( )-SC	
15	Social Reform Agenda (改定)	コピー	*	大統領府	□CR( )-SC	
16	The Philippines in 1995	コピー	*	大統領府	□CR( )-SC	
17	Philippines Agenda 21	冊子	*	PCSD	□CR( )-SC	
18	Updated Medium-term Philippines Dev. Plan 1996-1998	冊子	*	フィリピン政府	□CR( )-SC	
19	人口・性別人口及PHI(PI-R.VI.R.VII)	表コピー	*	DILG	□CR( )-SC	

資料リスト (収集資料) 専門家作成資料

主任部長	文書管理課長	主任部長	情報管理課長	技術情報課長	図書館係長

プロジェクトID	012133FO	調査国名	フィリピン
調査機関又は専門家氏名	ビスマ・ミンダナオ地方保健局、他の計画開発委員会	調査機関又は専門家氏名	水質調査所
地域	ミンダナオ	調査機関又は専門家氏名	水質調査所
国名	フィリピン	調査機関又は専門家氏名	水質調査所

番号	資料の名称	調査機関又は専門家氏名	調査国名	調査機関又は専門家氏名	調査機関又は専門家氏名	調査機関又は専門家氏名	調査機関又は専門家氏名	調査機関又は専門家氏名
20	NAMRIA catalogue materials & services Assessment of the Domestic Water Supply and Sanitation Sector of Northern Mindanao, Volume I Main Report	冊子	*	NAMRIA	RR-CR( )-SC			
21	Assessment of the Domestic Water Supply and Sanitation Sector of Northern Mindanao, Volume I Main Report	報告書コピー	*	NEDA Region 10	RR-CR( )-SC			
22	Assessment of the Domestic Water Supply and Sanitation Sector of Northern Mindanao, Volume V WATER NALAN Pacific Province of Misamis Oriental	報告書コピー	*	NEDA Region 10	RR-CR( )-SC			
23	Assessment of the Domestic Water Supply and Sanitation Sector of Northern Mindanao, Volume VI Prioritization Reports	報告書コピー	*	NEDA Region 10	RR-CR( )-SC			
24	Terms of Reference, An Assessment of the Domestic Water Supply and Sanitation Facilities of Southern Mindanao, Northern Mindanao, Eastern Visayas	報告書コピー	*	NEDA Regional Office XI	RR-CR( )-SC			
25	Mindanao OBM program map	地図	*	GEM	RR-CR( )-SC			
26	CWWS/Central Visayas Water & Sanit. Project	冊子	*	AusAID	RR-CR( )-SC			
27	4th Country Program(water & sanit.)(R2)	報告書コピー	*	UNICEF	RR-CR( )-SC			
28	NEDA RESOLUTION No.4 & No.6	コピー	*	NEDA	RR-CR( )-SC			
29	AUSTRALIAN DEVELOPMENT COOPERATION WITH THE PHILIPPINES TECHNICAL ASSISTANCE TO THE REPUBLIC OF THE PHILIPPINES FOR THE WATER SUPPLY AND SANITATION SECTOR STUDY	コピー	*	AusAID	RR-CR( )-SC			
30	Water Supply, Sewerage and Sanitation Master Plan of the Philippines 1988~2000	コピー	*	ADBCT/DBA(2007)	RR-CR( )-SC			
31	Water Supply, Sewerage and Sanitation Master Plan of the Philippines 1988~2000	コピー	*	フィリピン国政府	RR-CR( )-SC			
32	地方自治体の現状と今後の展望	コピー	*	経済産業省(ICA)建設専門家 (DILG)	RR-CR( )-SC			

## 添付資料6

### 面会者リスト

(1) 主な面会者

内務・自治省 (DILG)

Hon. Robert Z. Barbers  
Mr. Manuel R. Sanchez  
Mr. Normando J. Toledo  
Mr. Orville M. Roque

Secretary  
Under Secretary  
Director, Office of Project Development Services  
Program Manager, Water Supply and Sanitation Program Management

Office (WSS-PMO)

Mr. Rogelio B. Ocampo  
Ms. Ellen I. Pascua  
Ms. Fe Crisilla M. Banluta  
Ms. Josephine G. Ramos  
Mr. Danilo B. Lumapas  
Mr. Demetrio G. Taypin

Chief, Planning and Project Development Division, WSS-PMO  
Assistant Program Manager, WSS-PMO  
PW4SP Project Officer, WSS-PMO  
WSS-PMO  
Local Government Operations Officer, Regional Office, Region XI  
Provincial Local Government Operations Officer (PLGOO), Davao del Sur Province  
Assistant Provincial Director, Davao Province  
JICA派遣専門家, Bureau of Local Government Supervision

Mr. Rufiro B. Blaya  
鈴木 正彦

国家経済開発庁 (NEDA)

Ms. Cristina C. Santiago  
Ms. Vilma S. Amon

Public Investment Staff, Economic Development Specialist  
Chief Economic Development Specialist, Regional Office, Region XI

公共事業・道路省 (DPWH)

Mr. Ruben Perez

Head of Rural Water Supply, DPWH District Engineer's Office

地方水道庁 (LWUA)

Mr. Ceferino C. Aguinaldo Jr.

Project Manager, PMO

国家水資源委員会 (NWRB)

Dr. Lope Villena

ミンダナオ経済開発委員会 (Mindanao Economic Development Council)

Mr. Paul G. Dominguez

President Assistant for Mindanao

南ダバオ州 (Davao del Sur Province)

Mr. E. Bempiei  
Mr. M. Bello  
Mr. La L. Taduran  
Mr. Dexter B. Mori  
Mr. N. Y. Ruiz  
Mr. Evangelina S. Abajero

Provincial Board  
Provincial Board  
Provincial Planning and Development Coordinator (PPDC)  
Provincial Planning and Development Office (PPDO)  
Provincial Engineer's Office (PEO)  
Provincial Engineer's Office (PEO)

パダダ水道組合 (Padada Waterworks and Sanitation Cooperative (PAWASCO))

Mr. Solomon Lantico  
Mr. Seelpiero Colmic  
Ms. Mayflower F. Arcillas-Cacho

Municipal Administrator, Padada Municipality  
Board of Director, PAWASCO  
Staff, PAWASCO

サンタクルス町 (Santa Cruz Municipality)

Mr. Noerray L. Lopez

Municipal Mayor

Ms. Furora S. Herbito

Municipal Planning and Development Coordinator

Mr. Casmero C. Maqsino

Plumber and Fareman

ダバオ州 (Davao Province)

Mr. Prospero S. Amatong

Province Governor

Ms. Anita C. Juntilla

Provincial Planning and Development Office (PPDO)

Ms. Brigida Q. Cudal

Provincial Planning and Development Office (PPDO)

Mr. Vleente L. Eongclio

Provincial Engineer's Office (PEO)

Ms. Panlita P. Aleoan

Provincial Engineer's Office (PEO)

Dr. Agapito B. Hornido

Provincial Health Office (PHO)

タグン水道区 (Tagum Water District)

Mr. Henrieto Q. Castrenee

General Manager

Mr. Noel R. Ballyo

Chairman, Board of Director

アジア開発銀行 (ADB)

Mr. Asad A. Shah

Manager, Water Supply, Urban Development and Housing Division (East)

ユニセフ

Mr. Bonifacio B. Magtibay

Project Officer, Water & Sanitation

AusAID (Australian Agency for International Development)

Mr. Virgie Valdez-Ongkiko

Senior Program Officer, Development Co-operation

在フィリピン国日本大使館

藤井 新

一等書記官

早坂 正

一等書記官兼防衛駐在官

村田 隆

一等書記官

福田 光

二等書記官

島村 誠

副理事官、ダバオ出張駐在

海外経済協力基金 (OECF)

丸岡 秀行

マニラ駐在員事務所駐在員

HCAフィリピン事務所

後藤 洋

所長

力石 寿郎

次長

中村 明

副参事

落合 直之

所員

永井 真希

所員

Ms. Maita P. Alcampado

Project Liaison Officer, Project Management Section

(2) 主な連絡先

ア) 内務・地方自治省

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ウ) UNICEF

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エ) アジア開発銀行

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オ) AusAID

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Salustiana Ty Tower, 104 Paseo de Roxas, Makati  
Tel. 632-7546-174  
Fax 632-7546-265

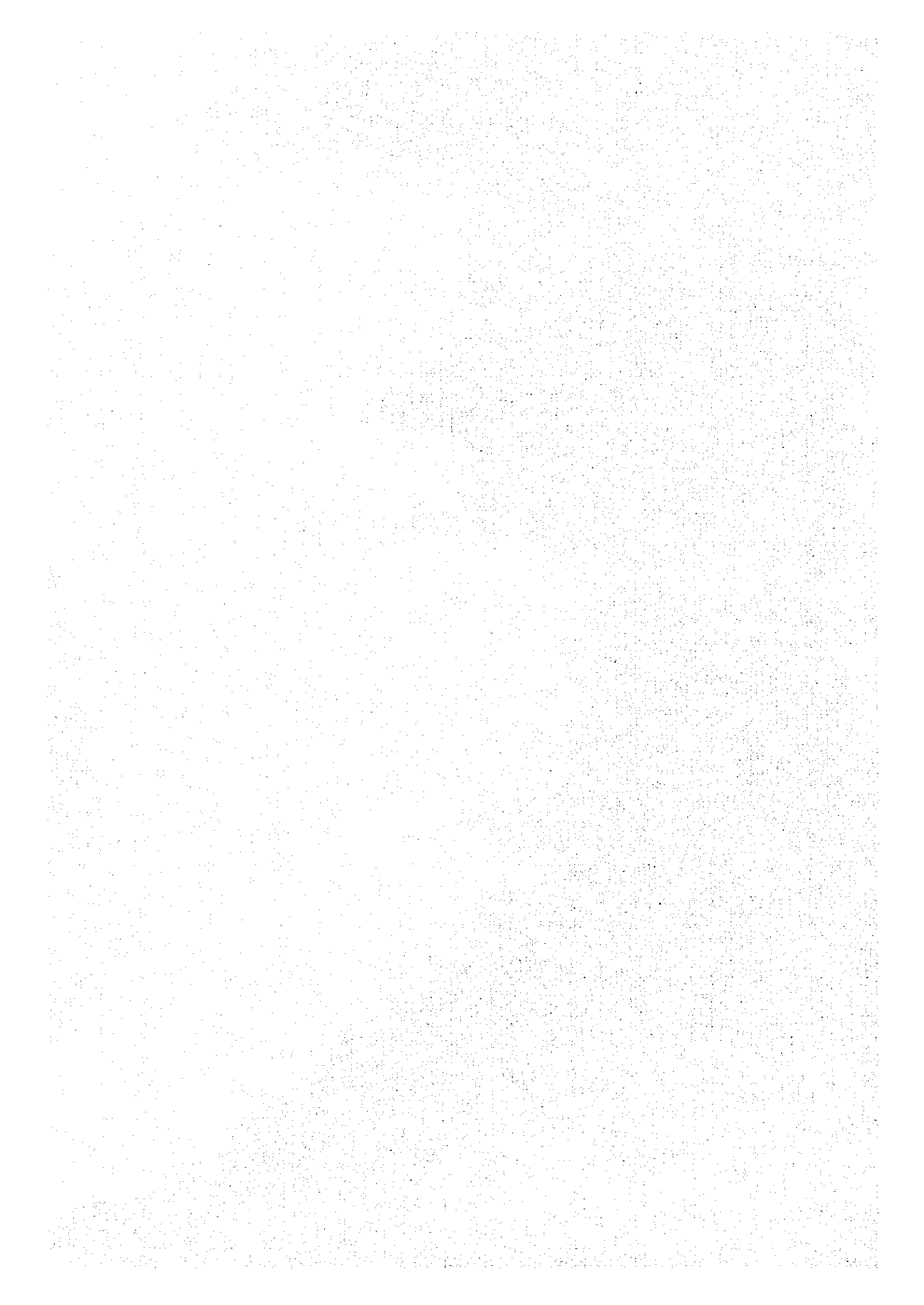
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フィリピンの国番号は 63  
マニラのエリアコードは 2



## 添付資料7

### クエスチョネア及び回答



**QUESTIONNAIRE  
FOR  
THE STUDY ON  
PROVINCIAL WATER SUPPLY, SEWERAGE AND  
SANITATION SECTOR PLANS  
FOR VISAYAS AND MINDANAO  
IN THE REPUBLIC OF THE PHILIPPINES**

The Preparatory Study Team shall be furnished with following information on this Study, in order to clarify the contents of the Study and to decide the scope of the cooperation. Please prepare the answers for the question I. and II. before 19th of August.

I. Please supply the answers in writing to the following items. And, please explain them in detail.

**(BACKGROUND)**

1. The relationships between "the Water Supply, Sewerage and Sanitation Master Plan of the Philippines 1988-2000" and this Study.  
(including the priority of this Study)
2. The progress of "the Water Supply, Sewerage and Sanitation Master Plan of the Philippines 1988-2000".
3. Present key problems in water supply and sanitation sector.
4. Evaluation of "the Study on Water Supply, Sewerage and Sanitation Sector Plan in the Philippines" for 9 provinces in Luzon area conducted by JICA.
5. Present activities toward project implementation based on "the Study on Water Supply, Sewerage and Sanitation Sector Plan in the Philippines" for 9 provinces in Luzon area conducted by JICA.

**(STUDY)**

**1. Outline**

- (1) Necessity of this Study

- (2) The way to use the results of this Study
- (3) Prospective funding source

2. Organization or agency

- (1) The newest organization chart of DILG, DPWH, DOH and NEDA including regional/provincial offices. List of regional/provincial offices of DILG, DPWH, DOH, LWUA and NEDA in target provinces.
- (2) Typical organization chart of provincial governments and municipalities.
- (3) Responsibility and current activities of above mentioned related organizations/agencies in the field of water supply and sanitation.

3. Foreign assistance projects in the target provinces

4. Information on organizations (agencies or private companies) capable of water quality analysis

5. Expected objectives and contents of technical transfer

II. Please prepare the following data.

(BACKGROUND)

1. The newest "Philippines Yearbook" published by NSO
2. "Inventory of Statistics Available in Government" published by National Statistics Coordination Board (in case it has been revised after 1993. We have already obtained the edition published in March 1993.)
3. The newest "Family Income and Expenditures Survey" published by NSO. Family income and expenditure data of Municipality and Barangay level.
4. Regional and provincial statistics.  
(We have already obtained "Regional Handbook on Land and Other Physical Resources, Region IV (Western Visayas), 1990" published by Sub-Committee on Inter-Regional Development & Physical Planning and "1996 Northern Mindanao Socioeconomic Profile". Please prepare these kinds of statistical publications.)

5. The newest "Census" by NSO.
6. The regional/provincial development plans for the target area.
7. "The Local Government Code"

(STUDY)

1. List of Barangays in the target provinces
2. The newest administrative boundary map
3. Inventory of water supply facilities provided by Inventory & Statistics Division of Bureau of Maintenance, DPWH, in the form of computer printouts (Annual operational reports)
4. Inventory of rural water supply provided by Management Information Group of Project Management Office-Rural Water Supply, DPWH, in the form of computer printouts(Quinquennial survey)
5. Water quality monitoring statistics provided by Database and Statistical Staff of Environmental Management Bureau, DNER, in the form of printouts (Quarterly regulatory report)
6. Municipal/City solid wastes statistics provided by Database and Statistical Staff of Environmental Management Bureau, DNER, in the form of printouts (Annual regulatory report)
7. Water use statistics (involving updated registry of all legal water users for various purposes) provided by Policy and Programs Division of National Water Resources Board, DPWH, in the form of computer printouts (Annual regulatory report).
8. Water rates statistics provided by Policy and Programs Division of National Water Resources Board, DPWH, in the form of computer printouts (Quarterly survey/regulatory reports).
9. Local government budget operation statistics provided by Local Revenue Enforcement Division of Bureau of Local Government Finance, DOF, in the form of computer printouts (Annual administrative and operational reports).

III. Please guide us to the following places at field visit to Davao:

1. Davao del Norte Province and Davao del Sur Province
2. Several municipalities.
3. Several Barangays.
4. Barangay Water and Sanitation Association.
5. Rural Water and Sanitation Association.
6. Water District.
7. Regional/provincial offices of DILG, DPWH, LWUA and NEDA.

IV. Please guide us to the related organizations to collect following data and information:

1. Inventory of sanitary facilities (toilets).
2. Inventory of schools and markets.
3. Number and occupational category (engineering, administration, finance, etc.) of staff working for related LGUs and organizations.
4. Human resources development programmes applied in water supply and sanitation sector.
5. Detailed information about WDs, RWSAs and BWSAs (financial condition, operation and maintenance of facilities, staff, institutional capacity, technical capacity, etc.).
6. Health data
7. Investment data

フィリピン国ビサヤ・ミンダナオ地方水供給・衛生計画策定支援調査  
事前調査クエスチョネア回答

(BACKGROUND)

1. 全国水供給・下水・衛生マスタープラン 1988-2000 と本 JICA 調査との関係  
 全国水供給・下水・衛生マスタープラン 1988-2000 は国全体の方策を打ち出すものであり、国家的レベルでの上下水道、衛生施設の整備が計画されている。実際の事業実施へ向けては適切な調査が必要であり、本 JICA 調査は事業実施へ向けての資料となるものである。とりわけ、地方自治体法の施行にともない給水、衛生セクターの計画立案、事業実施主体が地方政府に委ねられることから、同セクターの開発計画策定のための技術に関しては経験の少ない各州政府に適切な技術を修得させ、州の開発計画を策定すると共に、これらの計画的な事業実施により上位計画である全国水供給・下水・衛生マスタープラン 1988-2000 を推進する必要がある。  
 プライオリティーについては、国家開発の基礎となる上下水道、衛生施設を整備するところから、高い位置にあり、さらには南部、西部の 1-4 州による SPCPD (南部フィリピン平和協議会) への配慮、SRA(: Social Reform Agenda)の州を含んでいることから高いプライオリティーといえる。  
 NEDA のほうでは各プロジェクトのリストが出た段階で評価するものの、現在プロジェクトリストが出揃っていないところから、プライオリティーの順位付けは行っていない。

2. Progress

全国水供給・下水・衛生マスタープラン 1988-2000 の進捗状況は 1989 年に設定した当初目標が困難な状態であり、1995 年で全国の給水普及率が 72% と'92 年における目標値である 87% を大きく下回っている。

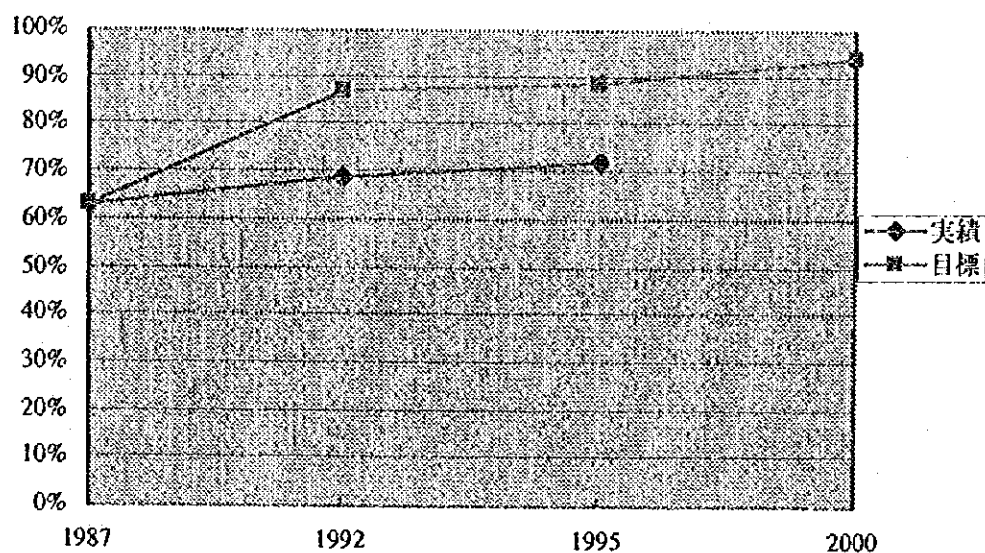
水道整備普及率比較表

1987 年：実績

1992 年：目標

	メトロマニラ	その他の都市部	農村部	フィリピン全国
1987年	86%	55%	62%	63%
1992年 (目標)	87%	77%	92%	87%
1995年 (実績)	62%	70%	75%	72%
2000年 (目標)	97%	95%	93%	94%

水道整備普及率比較図（全国）



### 3. Key problem

- ・同セクターの統括機関が一元化されておらず、多岐に及んでいること。
- ・コミュニティの組織造りと、組織の適切な運営。
- ・水をタダと考える人が多くいる =>住民意識。  
等が挙げられた。

### 4. Evaluation

日本はデータを基に計画を策定するのが素晴らしい。ここに

- ・住民参加を配慮した計画作り
- ・社会的レベルを配慮した計画作り
- ・地域特有の技術等を配慮した計画作り

等が加わるとさらに良くなるだろうとの評価があった。(ADB)

UNDP による Kampsax-kruger に比べると JICA でやった9州は良い。データが見やすく解りやすい。アップデートの入力も問題なくできる。(DILG)

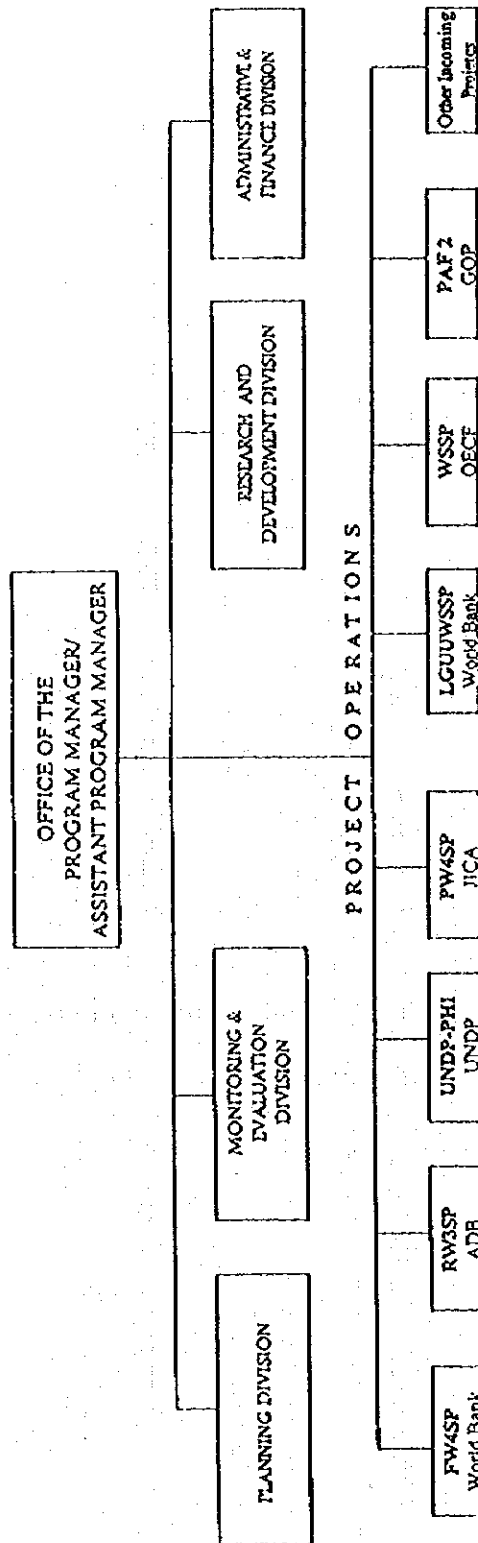
### 5. Implementation (Luzon)

世銀の First water supply, sewerage and sanitation で事業化が進んでいると共に、世銀の申し入れを日本の OECF が受けた形で 1997 年度には OECF による Luzon 6 州の援助効果促進調査(SAPS)を予定されている。

また、ADB による Rural Water Supply and Sanitation Sector Project により、2 州が対象となり97年から2001年の計画で進んでいる。

DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT  
 WATER SUPPLY AND SANITATION PROGRAM MANAGEMENT OFFICE  
 WSS-PMO

ORGANIZATIONAL STRUCTURE



**Legend:**

- FW4SP : First Water Supply, Sewerage and Sanitation Sector Project
- RW3SP : Rural Water Supply and Sanitation Sector Project
- UNDP-PHI : Institution Building for Decentralized Implementation of Community Managed of Water Supply and Sanitation Projects
- PW4SP : Provincial Water Supply, Sewerage and Sanitation Sector Planning Project
- LGUWSSP: Local Government Units Urban Water Supply and Sanitation Project
- WSSP : Water Supply and Sanitation Project
- PAF 2 : Poverty Alleviation Fund 2

DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT  
WATER SUPPLY AND SANITATION PROGRAM MANAGEMENT OFFICE  
WSS-PMO

- **Rural Water Supply and Sanitation Sector Project (RW3SP)**

Funded by the Asian Development Bank (ADB), this Project will be implemented over a period of five (5) years beginning August 1997. Twenty (20) provinces will benefit from the Project with Level I water supply and sanitation facilities to be installed in about 3,000 barangays. The Project calls for intensive capacity building at both LGU and beneficiary levels as responsibility for implementation (construction) will be lodged with LGUs while management of the constructed facilities will be the responsibility of the beneficiaries thru the Barangay Waterworks and Sanitation Associations (BWSAs).

- **First Water Supply, Sewerage and Sanitation Sector Project (FW4SP)**

Assisted by the World Bank, this Project covers the implementation of Level I water supply and sanitation improvements in 29 provinces in Luzon. The Project started in 1991 and will be completed by December of this year.

- **Institution Building for Decentralized Implementation of Community Managed of Water Supply and Sanitation Projects (UNDP-PIII/93/010)**

Supported by the United Nations Development Programme (UNDP), this Project is being implemented in seven (7) provinces spread over Luzon, Visayas and Mindanao with project completion date set for December 1997. This is an action research project designed to test and firm-up strategies for implementing community-managed rural water supply and sanitation projects with local government units fully in-charge of the whole project implementation and management. The lessons learned and recommendations drawn from this project are expected to serve as inputs for policy guidelines formulation relative to future implementation of rural water supply.

- **Local Government Units Urban Water Supply and Sanitation Project (LGUWSSP)**

To be funded through loan from the World Bank, this Project will be implemented on a staggered basis beginning mid-1998 whereby the 50 targeted LGUs will be grouped into batches of about 10 to 15 LGUs per batch. Funding for this Project will be thru re-lending to LGUs via Government Financial Institution (GFI). DILG-PMO's main responsibility is in project preparation involving feasibility study (FS) and detailed design (DD). The first batch of LGUs to be assisted with FS and DD preparation consists of 16 LGUs for which work commences on August 18, 1997 thru grant funding from the Japanese PHRD Grant Facility. Thereafter, the PMO will continue to facilitate preparation of successive batches of sub-projects (LGUs) for project implementation until all 50 LGUs shall have been covered.

- **Provincial Water Supply, Sewerage and Sanitation Sector Project (PW4SP)**

Funded thru grants from Japan International Cooperation Agency (JICA), this Project will cover twenty-one (21) provinces in Visayas and Mindanao grouped in succession of four (4)



batches. This will involve extensive data gathering and rigid analysis and interpretation of data with DILG-PMO posting one (1) Area Coordinator per province. The Project will be implemented over a period of 24 months beginning January 1998 with each batch completing the Project in six (6) months.

- **Water Supply and Sanitation Project (WSSP)**

Proposed to be funded by the Overseas Economic Cooperation Fund (OECF), this Project will be implemented in six (6) Luzon provinces covering the provision of Level I water supply and sanitation facilities in all barangays. With the implementation of this Project, 100% achievement of the medium term target for Level I could be realized. Consistent with recent Sector policy pronouncements, responsibility for project implementation will be lodged with LGUs under the direct supervision and technical assistance of the PMO. The Project duration is five (5) years.

- **Poverty Alleviation Fund 2 Water and Sanitation Component (PAF 2)**

Funded by the national government, implementation of this commenced in mid-1997 in all 5<sup>th</sup> and 6<sup>th</sup> class municipalities nationwide. However, actual project construction including institutional development activities shall spill over to 1998 given the Program of Work (POW) for each water supply facility to be constructed.

Fig 1 Functional Relationship for Water Related Works

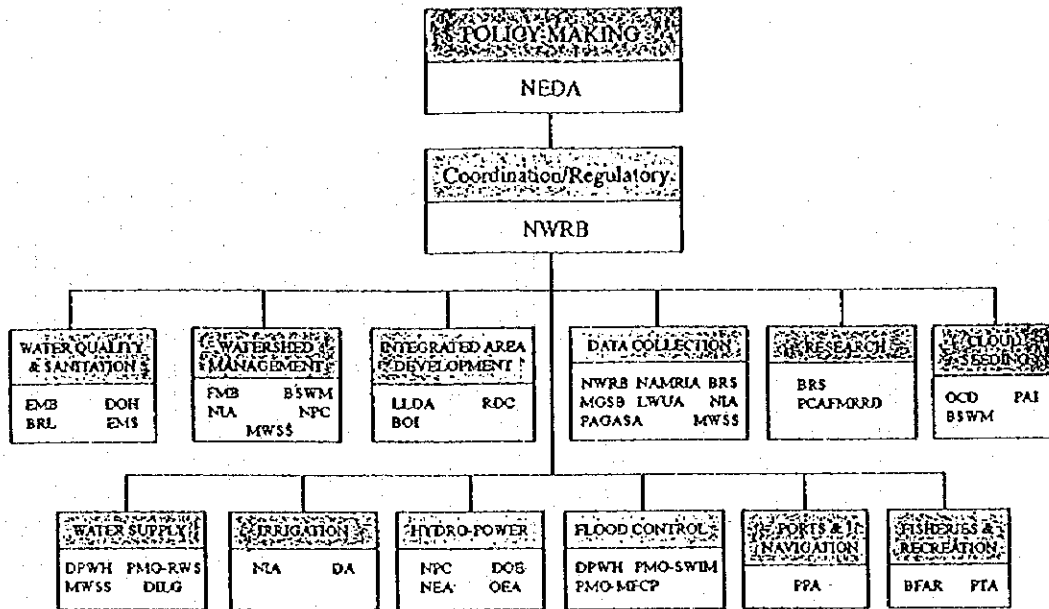


Fig 2 Organizational Relationship for Water Related Works

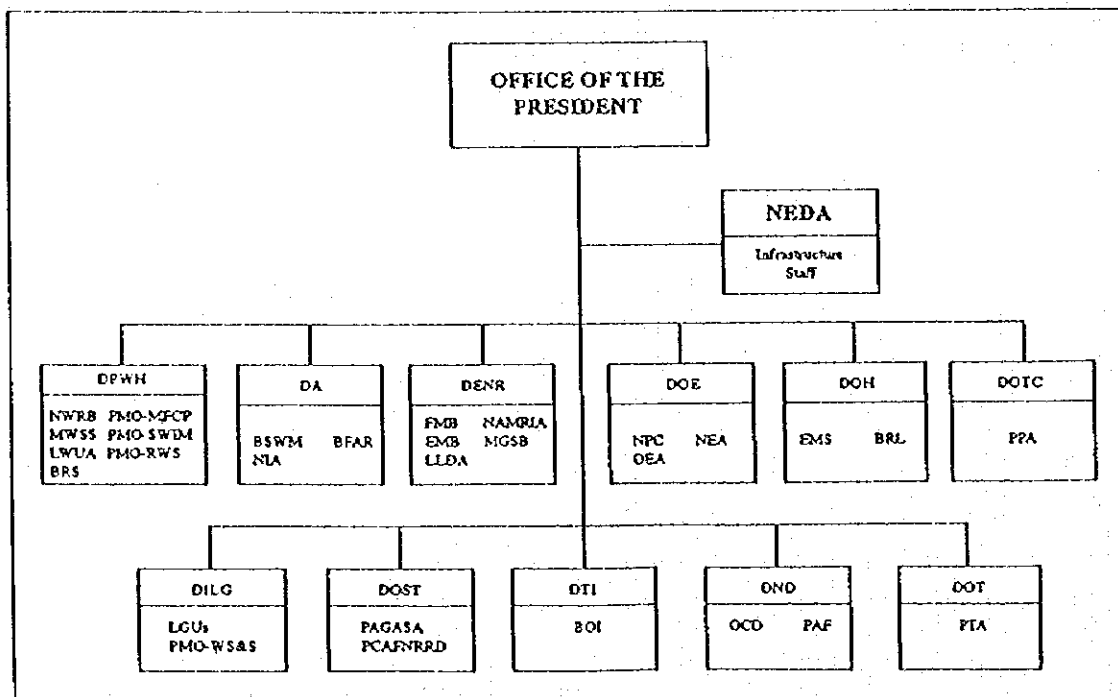


Table 3 - Government Agencies Related to Water Works (U2)

DEPARTMENT OF GOVERNMENT	LINE BUREAU OF ATTACHED AGENCY	RESPONSIBILITIES/CONCERNS RELATED TO WATER
1. National Economic and Development Authority (NEDA)	1. Infrastructure Staff 2. Regional Development Councils (RDCs) 3. Investment Coordination Committee/NEDA Board	Formulates and approves policies on water resources.  Sets direction of economic and social development in region through which regional development efforts are coordinated.  Evaluates/appraises/approves major development Projects
2. Department of Public Works & Highways (DPWH)	3. National Water Resources Board (NWRB)  4. Metropolitan Water-works & Sewerage System (MWSS)  5. Local Water Utilities Administration (LWUA)  6. Bureau of Research & Standards (BRS)  7. PMO - Major Flood Control Projects (PMO-MFCP)  8. PMO - Rural Water Supply (PMO-RWS)  9. PMO - Small Water Impounding Projects (PMO-SWIM)	Coordinates and regulates water activities in the country; supervises and regulates operations of water utilities outside the jurisdiction of LWUA and MWSS; formulates and recommends policies on water resources.  Constructs, maintains and operates domestic/municipal water supply and sewerage projects in Metropolitan Manila and contiguous areas including watershed mg'mt.  Specialized lending institution for promoting, developing, regulating & financing water utilities (excl. Metro-Manila).  Undertakes hydrological surveys and data collection.  Manages the planning, design, construction, organization and maintenance of major flood-control projects.  Manages the planning, design, construction, organization & maintenance of foreign-assisted rural water supply projects.  Manages the planning, design and construction of locally-funded and foreign-assisted SWIM projects.
3. Department of Agriculture (DA)	10. National Irrigation Administration (NIA)  11. Bureau of Soils & Water Management (BSWM)  12. Bureau of Fisheries & Aquatic Resources (BFAR)	Undertakes program-oriented and comprehensive water resources projects for irrigation purposes, as well as concomitant activities such as flood control, drainage, land reclamation, hydraulic power development, watershed management, etc.  Undertakes assessment, development and conservation of existing and potential soil and water sources for agriculture; undertakes cloud seeding activities.  Formulates plans for the proper management, accelerated development and proper utilization of the country's fisheries and aquatic resources.
4. Department of Energy (DOE)	13. National Power Corporation (NPC)  14. National Electrification Administration (NEA)  15. Office of Energy Affairs (OEA)	Develops electric power generation facilities including hydroelectric and geothermal power, constructs dams, reservoirs, diversion facilities and plants and watershed management.  Promotes, encourages and assists public service entities to achieve service objectives, implements mini-hydro projects.  Promotes development of indigenous energy resources such as mini-hydro projects.

Government Agencies Related to Water Works (2/2)

<p>5. Department of Environment &amp; Natural Resources (DENR)</p>	<p>16. Environmental Management Bureau (EMB) 17. Mines &amp; Geo-Science Bureau (MGSB) 18. Forest Management Bureau (FMB) 19. Protected Areas &amp; Wildlife Bureau (PAWD) 20. National Mapping &amp; Resources Management Authority (NAMRIA) 21. Laguna Lake Development Authority (LLDA)</p>	<p>Formulates environment quality standards for water, air, land, noise &amp; radiation; Approves environment impact statements and issues Environmental Clearance Certificates. Manages, develops and conserves the country's mineral resources; monitors and maps groundwater resources. Formulates and recommends policies and programs for the effective protection, development, management and conservation of forest lands and watersheds. Undertakes the protection and conservation of natural wetlands such as lakes, marshes, swamps etc. Responsible for integrated surveys, mapping, charting, oceanography, land classification, aerial photography, remote sensing etc. Responsible for regional water resources development and management in the Laguna Lake catchment area.</p>
<p>6. Department of Health (DOH)</p>	<p>22. Environmental Health Services (EHS) 23. Bureau of Research Laboratories (BRL)</p>	<p>Responsible for water supply &amp; sanitation programs and strategies to forestall environment-related diseases. Monitors quality of drinking water.</p>
<p>7. Department of Science &amp; Technology (DOST)</p>	<p>24. Philippine Atmospheric, Geophysical &amp; Astron. Services Admin. (PAGASA) 25. Phil. Council for Agric. Forestry &amp; Natural Resources Research &amp; Develop. (PCAFNRD)</p>	<p>Disseminates atmospheric, geophysical and astronomical data for use by economic sectors, the scientific and engineering community and the general public. Formulates national agricultural, forestry &amp; natural resources research &amp; development programs on a multi-disciplinary, inter-agency approach for the various commodities including water resources.</p>
<p>8. Department of Interior &amp; Local Government (DILG)</p>	<p>26. PMO-Water Supply &amp; Sanitation (PMO-WSS) 27. Provincial Governments 28. Municipal &amp; Barangay Governments</p>	<p>Supports the provision of WS&amp;S Services by Local Government Units (LGUs) Coordinated with, and supported by, national line agencies and other entities, promote development of infrastructure including irrigation, water supply, electric power and roads. Coordinated with, &amp; supported by, national/agencies, promote municipal &amp; barangay WS&amp;S, watershed &amp; other programs.</p>
<p>9. Department of National Defense (DND)</p>	<p>29. Office of Civil Defense (OCD) 30. Philip. Air Force (PAF)</p>	<p>Monitors safety of dams and other water resources projects; prepares and support the General public in emergencies. Undertakes rain enhancement through cloud seeding.</p>
<p>10. Dept. of Transportation &amp; Comm. (DOTC)</p>	<p>31. Philippine Ports Authority (PPA)</p>	<p>Plans, develops, operates and maintains ports and port facilities.</p>
<p>11. Department of Tourism (DOT)</p>	<p>32. Philippine Tourism Authority (PTA)</p>	<p>Promotes and develops the recreational use of water resources.</p>
<p>12. Dept. of Trade &amp; Industry (DTI)</p>	<p>33. Board of Investments (BOI)</p>	<p>Proponent of the Calabarzon integrated area study, covering water resources among, other aspects.</p>

Source: Based on NWRB: "Situation Report on Water Resources", 1994

JICA