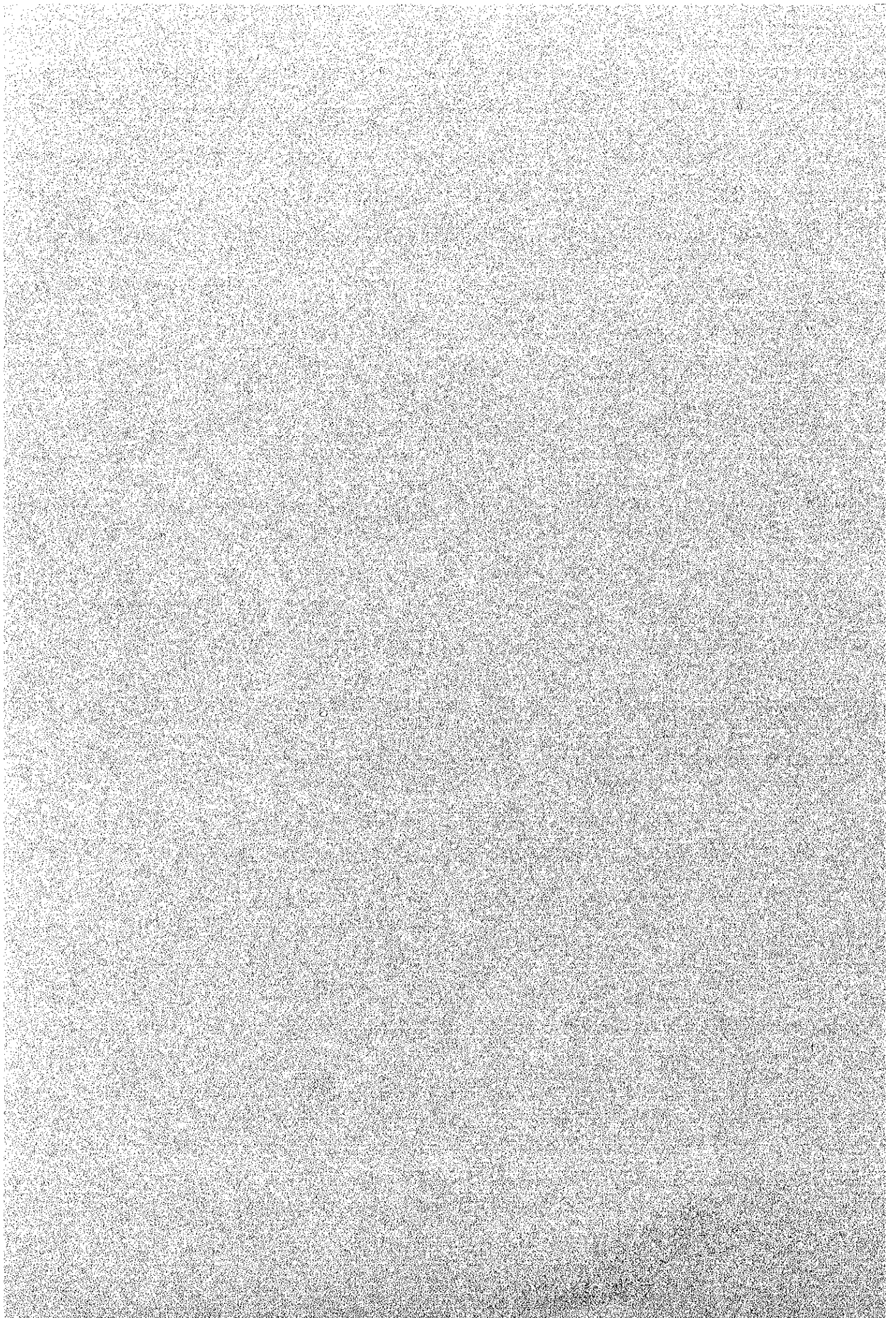


添付資料



PHILIPPINE SIDE

1. National Irrigation Administration

Apolonio V. Bautista	Administrator, NIA
Edilberto B. Punzal	OIC, PDD, NIA
Abelardo Y. Armentia	OIC, PFD, PDD, NIA
Clemente T. Alanano	Principal Engineer-A, PDD, NIA
Erdofa B. Domingo	Principal Engineer-A, PDD, NIA
Silvino B. Hernandez Jr.	Supervising Soil Technician, PDD, NIA
Reynaldo B. Llamoso	Engineer-A, PDD, NIA
Reynaldo B. Villanera	Engineer-A, PDD, NIA
Ricardo Dimaculangan	Geologist, NIA
Fernando Antolin	Economist, PDD, NIA
Francisco T. Orense	Sr. Agronomist, PDD, NIA
Rolando T. Bonrostro	Regional Irrigation Manager, RIO-IV, NIA
Wilson M. Lopez	RIO-IV, NIA
Ceser T. Lagmay	RIO-IV, NIA
Romeo R. Añonuevo	Provincial Irrigation Engineer, PIO-Laguna, NIA
Jerry Malixi	PIO-Laguna, NIA
Lutgarda Canamo	PIO-Laguna, NIA
Giovanni V. Vendiola	PIO-Laguna, NIA

2. LOCAL GOVERNMENTS

Province of Laguna

Restituto L. Luma	Governor
Oscar F. Feliciano	Provincial Administrator
Dante T. Reyes	Provincial Planning and Development Coordinator
Carol Basa	Provincial Agrarian Reform Officer I
Glenn Guidayan	Chief, Support Services Office

Municipality of Nagcarlan

Demetro T. Comendador	Mayor
Rosauro H. Suarez	Vice Mayor
Paulino Asilo	Municipal Administrator
Alberto Angeles	Municipal Development Officer
Jessie Bonbasi	Municipal Agricultural Officer
Calixto N. Delapena	Agricultural Technician

Municipality of Liliw

Cesar C. Sulibit	Mayor
Gerardo Hombrebueno	Vice Mayor
Bert A. Dimaguila	Municipal Administrator
Eduardo V. del Mundo	Municipal Development Officer
Sonia A. Monterrir	Municipal Agricultural Officer
Eduardo V. del Munds	Municipal Engineer
Elnora H. Ilocso	Municipal Cooperative Office
Pamela Monfero	Council Woman

Municipality of Majayjay

Ruben C. Guera	Mayor
Hectar Ordonez	Municipal Administrator
Nelly C. Arguiza	Municipal Agricultural Officer
Hector V. Ordoñez	Executive Assistant and Acting Municipal Administrator

PHILIPPINE SIDE

3. RELATED GOVERNMENTS

DA

Jose D. Garrido, Jr.	Regional Director, Region IV
Benedicto S. Caballero	Supervising Agriculturalist, Bureau of Plant Industry
Romeo S. Recide	Director, Bureau of Agricultural Statistics (BAS)
Celestino C. Olalo	Chief, Crop Livestock Poultry and Statistics Division, BAS
Mariano Rondon	Section chief, Other crops Statistics, BAS
Cenon S. Atienza	OIC, Assistant Director, Bureau of Agricultural Research (BAR)
Andrea B. Agillon	Sr. Agriculturist, Research Coordination Division, BAR
Benjamin M. Legaspi	Supervising Plant Pathologist, Assistant Director, National Crop Research & Development Center, BPI
Carolina L. Bautista	Chief, Marketing Assistance Service Unit

NEDA

Lirio Y. Calixto	Ex-Regional Director, Region IV
Catalino S. Boquiren Jr.	Regional Director, Region IV
Oscar D. Balbastro	Assistant Director, Region IV

DPWH

Alfredo P. Torres	Regional Director, Region IV
Rosauro A. Adapon	Asstant District Engineer, District Office

PCARRD

Jocelyn E. Eusebio	Head of Project Resources and Development Dept.
Second Laguna de Bay Irrigation Project	
Balfazar H. Usis	Irrigation Superintendent, Second Laguna de Bay Project
Antonio G. Gerundio	Supervising Agriculturalist
Eda F. Fidel	Senior Agriculturalist

UPLB

Valentino G. Arganosa	Professor of Animal Science, UPLB
Jose M. Sossiano	Assistant Professor, Department of Horticulture, UP

Province of Benquet

Lolita B. Bentres	Provincial Agriculturalist
-------------------	----------------------------

DENR

Celestino B. Ulep	Assistant Director, Protected Area and Wildlife Bureau (PAWB)
Angelita P. Meniado	Sr. Ecosystems Management Specialist/Chief, Terrestrial Parks Section, PAWB
Antonio G. Principe	Executive Director, Region IV
Luciana Hornilla	OIC/Chief, EIA Division, Region IV
Antonio P. Tullas Jr.	OIC/Chief, Forest Resources Development Division, Region IV
Mercedita A. Eusebio	Coordinator, Regional Forestation Development Office, Reforestation Division, Region IV
Gregorio D. Reyes	Chief/Science Research Specialist, Upland Farms Ecosystem Research Division, Ecosystem Research and Development Bureau (EDB)
Lopes A. Calanog	Supervising Science Research Specialist, ERDB
Ray P. Alcances	Chief, EIA Division, Environmental Management Bureau (EMB)
Cesar S. Siador Jr.	Task Force Leader, EIA Infra and Energy, EMB

PENRO, St. Cruz

Ricardo F. Trinos	Executive Assistant
Rogelio L. Delgado	Provincial Environmentalist
Conrado C. Monterola	Community Development Assistant

PHILIPPINE SIDE

CENRO, Los Baños

Federico L. Ocampo	Community Environment and National Resources Office (CENRO), Laguna
Wilfredo R. Angeles	Forester III
Melito A. Camara	Biologist
Rico Galing	EMS II
Jose C. Panaglima	Ecosystem Management Specialist (OIC Mts. Banahaw-San Cristobal National Park)

NCPC

Susan May F. Calumpang	National Crop Protection Center
------------------------	---------------------------------

LLDA

Ariel R. Almendral	Director, Laguna Lake Development Authority
Derlyn D. Gemeniano	Chief, Pollution Control Section

NAPCOR

E. P. Anguluan	Manager, Watershed Management Department
Eduardo R. Salvador	Watershed Management Department
Wilfredo Ducusin	Project Planning and Development Chief, Mak-Ban Watershed Area Team

BSWM

Nestor Ticzon	Bureau of Soil and Water Management, Region IV
---------------	--

Cooperatives

Pedro Coronado	President of Masilayan Multi-purpose Cooperative
Rogelio B. Borlaza	President of Kaunlaran Sa Banahaw Multi-purpose Cooperative
Rodrigo Arvesu	Liliw Multi-purpose Cooperative

JAPANESE SIDE

1. Embassy of Japan

Yugo Matsuda	First Secretary
Katsuhiko Yamauchi	First Secretary

2. JICA Philippines Office

Akihiko Hashimoto	Resident Representative, JICA Philippines office
Katsumi Yoshida	Assistant Resident Representative, JICA Philippines office
Naoyuki Ochiai	Assistant Resident Representative, JICA Philippines office
Takeshi Ishida	JICA Expert, NIA
Yasutaka Hosono	JICA Expert, NIA
Tastuo Hokari	JICA Expert, NIA
Norikazu Tsujii	Team Leader, DCIEP-2
Akira Nagaoka	JICA Advisor, BAR, DA
Takayoshi Mori	JICA Consultant, PAWB, DENR
Toshinori Sekishita	JICA Advisor, Forest Management Bureau (FMB), DENR
Izuru Nakamura	JICA Coordinator, JICA Tokyo Head Office

-
- 1 The 1991 Local Government Code, Republic Act No.7160, Oct., 1991
 - 2 Horticulture Sector project, Vol. 1, 2 and 3, ADB, Feb., 1991
 - 3 Operation Plan 1993, Bureau of Plant Industry
 - 4 Annual Report, Bureau of Plant Industry
 - 5 Selected Statistics on Agriculture, Bureau of Agricultural Statistics (BAS), Jun., 1993
 - 6 Implementing Rules and Regulations of Seed Industry Development Act of 1992, BPI
 - 7 Development Act of 1992, Bureau of Plant Industry
 - 8 Trends in Agricultural Wages with a supplementary Report on Women Participation in Agricultural Production Activities, Bureau of Agricultural Statistics, Sept., 1991
 - 9 Development Indicators in Philippines Agriculture, BAS, 1987
 - 10 Agricultural Indicators System, BAS, 1991
 - 11 Retail Price Index of the Agricultural Food Basket, Philippines, 1980 - 1989
 - 12 Annual Report 1992, National Irrigation Administration (NIA)
 - 13 Report on the Performance of Agriculture, Jan. - Sept., 1993, BAS
 - 14 Annual Report 1992, BPI
 - 15 Statistical Handbook on Supply and Utilization Accounts of Fruit and Vegetables, 1978 - 1988, BAS
 - 16 Retail Price Index of the Agricultural Food Basket for Metro Manila, 1980 - 1989, BAS
 - 17 Agricultural Commodity Distribution System 1983 - 1986, BAS
 - 18 Cost of Production (Vegetables) 1992, BPI
 - 19 Plant Industry Production Guide, BPI
Vol. 18: Tomato, Vol. 32: Chayote, Vol.42: Chinese Cabbage, Vol. 48: White Beans, Vol. 63: Celery,
Vol. 82: White Potato
 - 20 Socio-Economic - Physical Profile and Comprehensive Development Plan, Municipality of Nagcarlan, 1991
 - 21 Socio-economic Profile, Municipality of Liliw, 1991
 - 22 Socio-economic Profile, Municipality of Majayjay, 1986
 - 23 Feasibility Study Report on the Vegetable Component of Second Laguna de Bay Irrigation Project, NIA, April 1980
 - 24 Annual Report CY-1993, Vegetable Component of Second Laguna de Bay Irrigation Project, Jan., 1994
 - 25 Estimated Cost of Production and Return, Vegetable Component of Second Laguna de Bay Irrigation Project, Jan., 1994
 - 26 Brief Profile of Second Laguna de Bay Irrigation Project, NIA
 - 27 Estimates of Trend Co-efficients and Seasonality Indices of the Prices of Various Vegetables, Second Laguna de Bay Irrigation Project, Jan., 1994
 - 28 An Overview of Second Laguna de Bay Irrigation Project - Vegetable Component, 1993
 - 29 Planting, Harvesting and Trading months of Major vegetables, Laguna, BAS
 - 30 Trading Matrix of Major Vegetables in Different Municipalities, Laguna, BAS
 - 31 Municipal Statistics of vegetable Production, Laguna, BAS
 - 32 Updated Average Production Costs and Returns per ha, Philippines, 1985 - 1992, BAS
 - 33 Master List of Vegetable Farmers, Liliw
 - 34 Weekly Farm gate Prices of Tomato and Cabbage 1993, Nagcarlan
 - 35 Weekly Farm gate Prices of Tomato 1993, Liliw
 - 36 Cost of Production and Prices of Vegetables 1993, Nagcarlan
 - 37 Cost of Production and Prices of Vegetables 1990 - 1993, Liliw
 - 38 Price List of Vegetable Seeds, Philippine Kaneko Seeds Corporation, Dec., 1993
 - 39 Baranguay Profiles, Municipality of Nagcarlan
 - 40 Baranguay Profiles, Municipality of Liliw
 - 41 Baranguay Profiles, Municipality of Majayjay
 - 42 Fruit and Vegetable Development Plan 1992 - 1995, DA, Jan., 1992
-

-
- 43 1993 Philippine Statistical Yearbook, National statistical Coordination Board
 - 44 National Physical Framework Plan, 1993-2033, NEDA, 1992
 - 45 National Handbook on Land and Other Physical Resources, NEDA, 1991
 - 46 Philippine Development, Involving Women in Development, 1993
 - 47 Philippine Development, Economic Growth and Employment Alternatives, 1993
 - 48 Compilation of Weather Data For 1991, 1992, International Rice Research Institute
 - 49 Framework Plan (Laguna Lake Basins), National Water Resources
 - 50 Framework Plan (Taal Lake Basins), National Water Resources
 - 51 Framework Plan (Quezon Basins), National Water Resources
 - 52 Phillipine Weather Bureau Scientific Papers, Department of Commerce and Industry Weather Bureau
 - 53 Meteorological Data, PAGASA, University of Philippines, Los Banos
 - 54 Run-off Data (Study area), NIA Region IV Office
 - 55 Surface Water Supply Bulletin / Surface Water Supply of the Philippines , Bureau of Public Works
 - 56 DENR Administrative Order No. 34 (Revised), March 20, 1993
 - 57 DENR Administrative Order No. 35 (revised), March 20, 1990
 - 58 Watershed Reservation Map, scale 1/50,000, National Power Corporation
 - 59 Philippine Environment Law, Vol. 1 and 2, Comments and Materials, National Environment Protection Council, 1981
 - 60 Environmental Impact Assessment Handbook, National Environment Protection Council, Nov., 1983
 - 61 Report on the Philippine Environment in the 80's, DENR, Nov., 1990
 - 62 NIPAS ACT - R.A.No.7586 and Implementing Rules and Regulations DAO 25, S1992, Protected Area and Wildlife Bureau, DENR, 1992
 - 63 Amending The Revised Rules and Regulations Implementing P.D.1586 (Environmental Impact Statement System) - DENR Administrative Order No.21, Series of 1992, Environmental Management Bureau, DENR, 1992
 - 64 ERMP Report No.7 - Laguna Lake Basin, Philippines: Problems and Opportunities, Halifax, Nova Scotia, Canada and UPLB College Laguna, 1993
 - 65 Philippine Strategy for Sustainable Development - Part 1: Conceptual Framework, DENR, January, 1990
 - 66 The Integrated Social Forestry Program: A Primer, DENR
 - 67 Manual on the Restoration of Degraded Habitats within Protected Areas 1992, Protected Area and Wildlife Bureau, DENR, 1993
 - 68 Census/Inventory of Forest Occupants within Mts. Banahaw-San Cristbal National Park, CENRO, Los Baños, Lagna, 1991
 - 69 1st NGO Consultative Workshop on Upland Development Issues: Proceedings, Philipppnes Upland Resource Center, 1991
 - 70 2nd NGO Consultative Workshop on Upland Development Issues: Proceedings, Philipppnes Upland Resource Center, 1992
 - 71 3rd NGO Consultative Workshop on Upland Development Issues: Proceedings, Philipppnes Upland Resource Center, 1993
 - 72 1992 Statistics on Philippine Protected Area and Wildlife Resources, Protected Area and Wildlife Bureau, DENR, 1993
 - 73 Erosion Map - Region IV, Bureau of Soils and Water Management, November 1990
 - 74 Slope Map - Region IV, Bureau of Soils and Water Management, November 1990
 - 75 Geologic Map of the Macdod Corvidor 1:100,000 (Taal-Banahow), Philippine Institute of Volcanology and Seismology, Institute of Mineralogy and Economic Geology Aachen, Germany, 1991
 - 76 Rapid Assessment of Water Supply Sources, Province of Laguna, National Water Resources Council, May 1982
 - 77 Project Proposal Form, Majayjay Integrated Agro-Forest Project, 1991
 - 78 Project Proposal Form, Nagcarlan Vegetable Basket of Southern Tagalog, 1991
 - 79 5-year Investment Plan, Municipality of Liliw, Province of Laguna, 1991
 - 80 Program of Work/Budget for Road and Bridges, Municipality of Liliw, Province of Laguna, 1993
-

-
- 81 Individual Project Program of Work, Department of Public Works and Highway, Regional Office IV, 1992
 - 82 Outstanding and Priority Projects, Laguna Lake Development Authority, December 1993
 - 83 Provincial Irrigation Profile, Province of Laguna, 1987
 - 84 Provincial Irrigation Profile, Province of Laguna, 1989
 - 85 Water Supply, Sewerage and sanitation Sector Plan 1992 - 2010 Province of Laguna, DPWH, 1992
 - 86 Organization chart with explanation note of Municipal Government, Nagcarlan, Liliw, Majayjay
 - 87 Annual Budget of Municipal Government, Nagcarlan, Liliw, Majayjay
 - 88 Organization Chart with explanation note of Provincial Government, Province of Laguna
 - 89 Socio-economic profile, Laguna, Provincial Government of Laguna
 - 90 Consolidated Laguna Agricultural, Social Services and Infrastructure Concerns Program Part II, Provincial Government of Laguna, May, 1991
 - 91 Proposed Plans and Programs for Development, Provincial Government of Laguna, may, 1991
 - 92 Philippines Water Code and the Implementing Rules and Regulations, National Water Resources Board, 1991
 - 93 Proposed Policies and Implementing Guidelines in the Development of Irrigation Projects, National Irrigation Administration
 - 94 Proceedings of the National Vegetable Industry Review and Planning Workshop, Tagaytay City, 15-17 November, 1989, Asian Vegetable Research and Development Center, BAR/DA and PICARRD
 - 95 Monthly Wholesales Prices of Major Vegetables at Divisoria market, 1989-1994, BAS
 - 96 Monthly Retail Prices of Major Vegetables at Divisoria market, 1989-1994, BAS
 - 97 Monthly Ex-Trading Prices at La Trinidad, 1992-1993, Provincial Agricultural Offices, Benguet Province
 - 98 Crop Production Costs of vegetables, 1993, Provincial Agricultural Offices, Benguet Province
 - 99 Crop Production Costs of vegetables, 1993, Second Laguna de Bay Irrigation Project-Vegetable Component, Cavite Province
 - 100 Vegetable Marketing System in the province of Laguna, Marketing Assistance services, DA
 - 101 Project Completion report of the Highland Agriculture Development Project, June 1994, ADB
 - 102 Changes in Marketing Behavior as a Result of Road Construction and Marketing Assistance Program, December, 1993, ADB
 - 103 NIPAS ACT - R.A.No.7586 and Implementing Rules and Regulations DAO 25, S1992, Protected Area and Wildlife Bureau, DENR, 1992
 - 104 Amending The Revised Rules and Regulations Implementing P.D.1586 (Environmental Impact Statement System) - DENR Administrative Order No.21, Series of 1992, Environmental Management Bureau, DENR, 1992
 - 105 ERMP Report No.7 - Laguna Lake Basin, Philippines: Problems and Opportunities, Halifax, Nova Scotia, Canada and UPLB College Laguna, 1993
 - 106 Philippine Strategy for Sustainable Development - Part 1: Conceptual Framework, DENR, January, 1990
 - 107 The Integrated Social Forestry Program: A Primer, DENR
 - 108 Manual on the Restoration of Degraded Habitats within Protected Areas 1992, Protected Area and Wildlife Bureau, DENR, 1993
 - 109 Census/Inventory of Forest Occupants within Mts. Banahaw-San Cristbal National Park, CENRO, Los Baños, Lagna, 1991
 - 110 1st NGO Consultative Workshop on Upland Development Issues: Proceedings, Philippines Upland Resource Center, 1991
 - 111 2nd NGO Consultative Workshop on Upland Development Issues: Proceedings, Philippines Upland Resource Center, 1992
 - 112 3rd NGO Consultative Workshop on Upland Development Issues: Proceedings, Philippines Upland Resource Center, 1993
 - 113 1992 Statistics on Philippine Protected Area and Wildlife Resources, Protected Area and Wildlife Bureau, DENR, 1993
 - 114 Erosion Map - Region IV, Bureau of Soils and Water Management, November 1990
 - 115 Slope Map - Region IV, Bureau of Soils and Water Management, November 1990
 - 116 World Bank, Forestry, Fisheries and Agricultural Resources Study - Philippines, 1988
-

-
- 117 W. Cruz, H. Francisco and Conway, "On-Site and Downstream Costs of Soil Erosion in the Magat and Pantabangan Watersheds," Journal of Philippine Development, Manila: Philippine Institute for Development Studies, 1988
- 118 A Manual on Integrated Social Forestry in the Philippines, DENR-FAO-UNDP, 1991
- 119 Annual Report 1992, Los Baños National Crop Research and Development Center (Economic Garden)
- 120 Annual Report 1993, Los Baños National Crop Research and Development Center (Economic Garden)
- 121 Article of Cooperation & By-laws, Masilayan Multi-purpose Cooperative
- 122 Article of Cooperation & By-laws, Kaunlaran Sa Banahaw Multi-purpose Cooperative
- 123 Article of Cooperation & By-laws, Liliw Multi-purpose Cooperative
-

ASSIGNMENT	NAME	1994												1995			
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	
Team Leader & Rural Infrastructure	KIMURA Katsuhiko	■	■	■		□	■	■	■	□			■				
Sub-Leader, Irrigation & Drainage, Water Management	YATABE Kenjiro	■	■	■		□	■	■	■	□			■				
Meteorology & Hydrology	KATO Takahiro	■	■	■		□	■	■									
Hydrogeology & Groundwater	TATEBATASHI Motoaki	■	■	■		□	■	■									
Soil & Land Use	NISHIYA Mitsuo	■	■	■		□	■	■	■	□							
Agriculture, Farmers' Organization, Agricultural Supporting Service	OHNO Kunihiko	■	■	■		□	■	■	■	□			■				
Design & Cost Estimation	HOTTA Tomoki			■		□	■	■	■	□							
Agro-economy, Marketing, Project Evaluation	ARIGA Naoki			■		□	■	■	■	□							
Environment	SASAKI Akihiko			■		□	■	■		□							
Coordinator	TAKAHASHI Yoichi	■	■	■		□	■	■	■	□							
Report		△	△	△		△							△	△	△		△
Phase		Phase 1			Phase 2												

IC/R: Inception Report
P/R (II): Progress Report (II)
P/R (I): Progress Report (I)
IT/R: Interim Report
DF/R: Draft Final Report
F/R: Final Report

During Phase 1 and 2 Field Work, following seven kinds of investigation works have been conducted by local contractors under supervision by JICA Study Team. These subletted works have completed successfully, and those results were used as basic data in the Development Plan of the Project.

1) Groundwater Survey

Contractor: MEGA Philippines, Inc.

Duration: Phase 1

Objective: To get all information of hydrogeological condition of the area.

To estimate possibility of the groundwater irrigation.

- Scope:
- 1) Test Well Drilling 3 sites
 - Abo of Nagcarlan 125 m depth
 - Silangan Lazaan of Nagcarlan 50 m depth
 - Malinao of Nagcarlan 125 m depth
 - (Steel casing and screen pipes of 3 inches diameter)
 - 2) Observation of Groundwater Level
 - 3) Reporting

2) Soil Survey

Contractor: MEGA Philippines, Inc.

Duration: Phase 1

Objective: To investigate soil and land condition in the Study area.

To assess land capability for horticulture development.

- Scope:
- 1) Soil Test Pit 40 sites
(1.0 m depth)
 - 2) Soil Profile Survey 40 sites
(FAO standard methods)
 - 3) Soil Sampling 90 samples
(Maximum 3 horizons from the test pits)
 - 4) Laboratory Test
 - Physical Test 90 samples
(Soil Texture)
 - Chemical Test 50 samples
(pH (H₂O), pH (KCl), EC, Total-N, Organic Matter,
Available-P, CEC, ex-Ca, ex-Mg, ex-K, and ex-Na)

Fertilizer Test

25 samples

5) Data Analysis, Reporting and Mapping

3) Water Quality Survey

Contractor: MEGA Philippines, Inc.

Duration: Phase 1

Objective: To identify sound water resources availability for irrigation and domestic use.

- Scope:
- 1) Water sampling 20 sites
(Spring and river water)
 - 2) Water quality test 20 samples
(Temperature, pH, Consuctivity, DO, TSS, COD)
 - 3) Reporting

4) Farm Household Survey

Contractor: Design Factors foundation, Inc.

Duration: Phase 1

Objective: To get necessary data on living condition, economic situation, agricultural production, farming practice, cooperatives, farmers' willingness, and so on.

- Scope:
- 1) Preparation work
(Listing of farmers, preparation of questionnaire, etc.)
 - 2) Interview about 100 farmers
(Using prepared questionnaire)
 - 3) Reporting

5) Topographic Survey

Contractor: LA Construction, Corp.

Duration: Phase 2

Objective: To obtain the information on topographic condition to be needed for preliminary design,.

- Scope:
- 1) Temporary Bench Marks 37 points
(Interval of 1 km along the proposed roads)
 - 2) Topographic Survey about 22.5 ha in total
(Intake works and demonstration farms)
 - 3) Route Survey, Profiling Survey And Cross Sectional Leveling

- Profiling Survey about 34.6 km in total
(Interval of 100 m, Roads)
- Cross Sectional Leveling about 34.6 km in total
(20 m in width on both side at an interval of 200 m, Roads)
- 4) Inventory Survey
(Existing condition of water service facilities)
- 5) Drawing

6) Public Consultation Survey

- Contractor: CHERT Consulting Group, Inc.
 Duration: Phase 2
 Objective: To research farmers' direction of the development concept.
 To confirm the appropriateness of the proposed project components.
 Scope: 1) Public Consultation Meeting 16 Brangays
 2) Interview about 100 beneficiaries
 3) Reporting

7) Geotechnical Survey

- Contractor: MEGA Philippines, Inc.
 Duration: Phase 2
 Objective: To clarify characteristics of foundation.
 To obtain basic data for analyzing foundation of structures on ground.
 Scope: 1) Core boring 2 sites
 (Bukal of Nagcarlan, Novaliches of Liliw)
 2) Standard Penetration Test (SPT) 2 sites
 (Bukal of Nagcarlan, Novaliches of Liliw)
 3) Reporting

JICA