

4.0 PUBLIC CONSULTATION

The DPWH sent out invitations for a public consultation meeting regarding the proposed project. Copies of the invitations are presented in the annexes. The meeting was conducted at the Laoag ampitheater in the afternoon of 30 May 1997. It was attended by representatives of the stakeholders. Representatives of the Ilocos Norte PENRO Office and the DENR's Region I Office also attended the meeting. A copy of the attendance sheet is also presented in the annexes.

4.1 Issues and Concerns

The consultation meeting went smoothly. The public appreciated the importance of the project. They are hopeful that the proposed project will provide them with the relief from the disastrous annual flooding. The issues, concerns, and suggestions are enumerated in Table G.2.

Table G.2

SUMMARY OF ISSUES AND CONCERNS

STAKEHOLDER	ISSUES AND CONCERNS /SUGGESTIONS	DPWH ACTION/ REMARKS
Mayor of Sarrat	Why other barangays are not included in the proposed project?	Selection of coverage is based on flooding intensity; DPWH will visit the LGU and explain further the project
NIA	Will the river improvement works affect the present irrigation intakes at San Nicolas and Sarrat? Requesting that any new irrigation intakes shall be provided by DPWH without cost to NIA	The project will have no adverse impacts on the present structures along the rivers The matter will be decided by DPWH main office in Manila
NEDA	DPWH should coordinate with the DENR	DPWH has been coordinating with DENR since last year

PENRO	Basis of design period	The design period was based on the historical flooding data and the economic and financial viability of the project
	Potential risk due to sabo dam presence	The potential risk due to the presence of the sabo dam is quite low. However, in the event of a dam failure, the channels in the immediate downstream reaches have enough capacity to absorb the released sediments from a dam break
	Suggestion on integrating a watershed management program	The proponent will discuss this with the LGUs and other concerned agencies
Media Practitioner	Source of project funds	The government will get a loan from the Japanese Government
Barangay Officials	Capacities of sabo dams might not be sufficient for the sediments	A comprehensive study was undertaken and the sediment dynamics was studied carefully

4.2 Summary of Proceedings

The project proponent was represented mainly by Engr. Rolando H. Tamayo, District Engineer - Ilocos Norte 1st Engineering District. Representatives of DPWH's Project Management Office for major flood control projects and the JICA Study Team were also present. The DENR was represented by Engr. Benedicto Molano of the DENR Region-I Office and Ms. Dorica N. Hipe of the DENR PENRO Ilocos Norte. The complete list of participants is presented in the annexes.

Opening

The consultation meeting started at around 2:30 P.M. with Engr. Tamayo welcoming the public, LGUs, and the representatives of the various government agencies. He then introduced members of the JICA Study Team and DPWH Officials.

Introduction of the project

Engr. Tamayo discussed the various details of the proposed project through the use of overhead transparencies and a big project map which was placed in front of the participants. Earlier, small project maps were distributed to the participants before the start of the meeting. Most of the participants in the meeting have already heard of the proposed project, while some have attended a previous project presentation by the proponents.

It was mentioned that the total estimated project cost for the entire plan is 2,177 million pesos and will be implemented in three phases. For the Phase I Priority Projects, which is the subject of the ECC application, project components will only include five sabo dams and seven river improvement works.

Important considerations in the planning and design of this project are the selection of the: (1) design flood discharge and (2) possible structural measures. In addition, the irrigation function of the sabo dams was also considered.

The selected design flood discharge is the flood with a 25-year return period. Construction of dikes is the principal selected measure for flood control of the Laoag River including the tributaries, while sabo dams are selected to control the excessive sediment runoff in the downstream reaches of the various rivers. Reforestation is also considered for the effective mitigation of the annual excessive sediment runoff.

The participants were informed that the proposed plan on sabo and flood control in the Laoag River Basin is an outcome of the request for technical assistance by the Government of the Philippines (GOP) from the Government of Japan (GOJ) in 1992.

The implementing agency for the GOP is the Department of Public Works and Highways (DPWH), while the Japan International Cooperation Agency (JICA) is for the GOJ. The JICA Study Team was dispatched to the Philippines on 24 March 1996 for carrying out the study.

Discussions

Everybody were unanimous in saying that the project area is really in need of the project due to the annual flooding experienced by the people. Hence, the proposed project is a welcome relief to this annual flooding problem.

The main issue raised by some LGUs is the non-coverage by the project of some areas in their respective localities. The Mayor of Sarrat asked why only one barangay is included, as identified in the map, in his town. The DPWH officials responded by explaining that the selection of the areas was based on the flood damage survey and the design flood discharge. Nevertheless, the DPWH officials promised to further talk to the Mayor of Sarrat regarding this matter.

The National Irrigation Administration (NIA) representative raised the following items:

(1) NIA is requesting DPWH that any new irrigation intakes shall be provided without cost to NIA, (2) irrigation intakes at San Nicolas and Sarrat should not be affected adversely, (3) NIA is also requesting the improvement of the irrigation lateral canals for Laoag City, and (4) the maintenance issue of the previous irrigation project which DPWH turned over to NIA. Unfortunately, items "3 and 4" are not related to the proposed project. The DPWH officials responded by explaining that the river improvement works will not affect the existing irrigation intakes along the Laoag River, while the decision to charge NIA for any new irrigation intakes will be decided by the DPWH main office in Manila.

The National Economic and Development Authority (NEDA) representative informed the body that DPWH should coordinate with the DENR for the reforestation of the watersheds. DPWH was also reminded of the required Environmental Compliance Certificate (ECC) since it will be a requirement when DPWH will request for project funding. The DPWH officials responded by informing the body that DPWH is closely coordinating with the DENR and that this consultation meeting is part of the DENR requirement, while the reforestation component of the project is also being considered.

The representative of DENR's Ilocos Norte PENRO Office informed the body that the JICA Study Team is indeed coordinating closely with the DENR. The following items were raised: (1) basis of selecting the Laoag River Basin as the project beneficiary, (2) basis of the design period, and (3) potential risk due to presence of the sabo dam. It was also suggested that a watershed management program should be integrated to the project and the dams should be desilted from time to time to extend its useful life. The DPWH officials responded by informing the body that most of the eleven river basins in the country are already being studied, while the Laoag River Basin does not have a comprehensive master plan for flood control. The GOP and GOJ have therefore agreed to prepare a comprehensive master plan for the flood control of this basin. The design period was based on the historical flooding data and the economic viability of the project, while the potential risk due to the presence of the sabo dam is quite low.

The consultants explained that the possibility of a dam failure is quite remote since possible failure could only occur in river channels with a slope of 7% to 25%. In this project, it is very unlikely that a debris flow may eventually reach the proposed dam sites since the proposed sabo dams are to be located on riverbeds with slopes of less than 3%. However, in the event of a dam failure, the study showed that the channels in the immediate downstream reaches have enough capacity to absorb the released sediments from a dam break.

A media practitioner asked about the source of funds for the project. The DPWH officials responded by informing the body that the GOP will get a project loan from the GOJ. Another participant expressed his skepticism on the effectiveness of the proposed sabo dams in controlling the sediment deposition and believe that the proposed dam volumes are not enough. The DPWH officials responded by explaining that a comprehensive study was undertaken and the sediment dynamics was studied carefully.

The representative of DENR's Ilocos Norte PENRO Office further informed the body that DENR will carefully review the EIS of the project to assure all stake holders that their

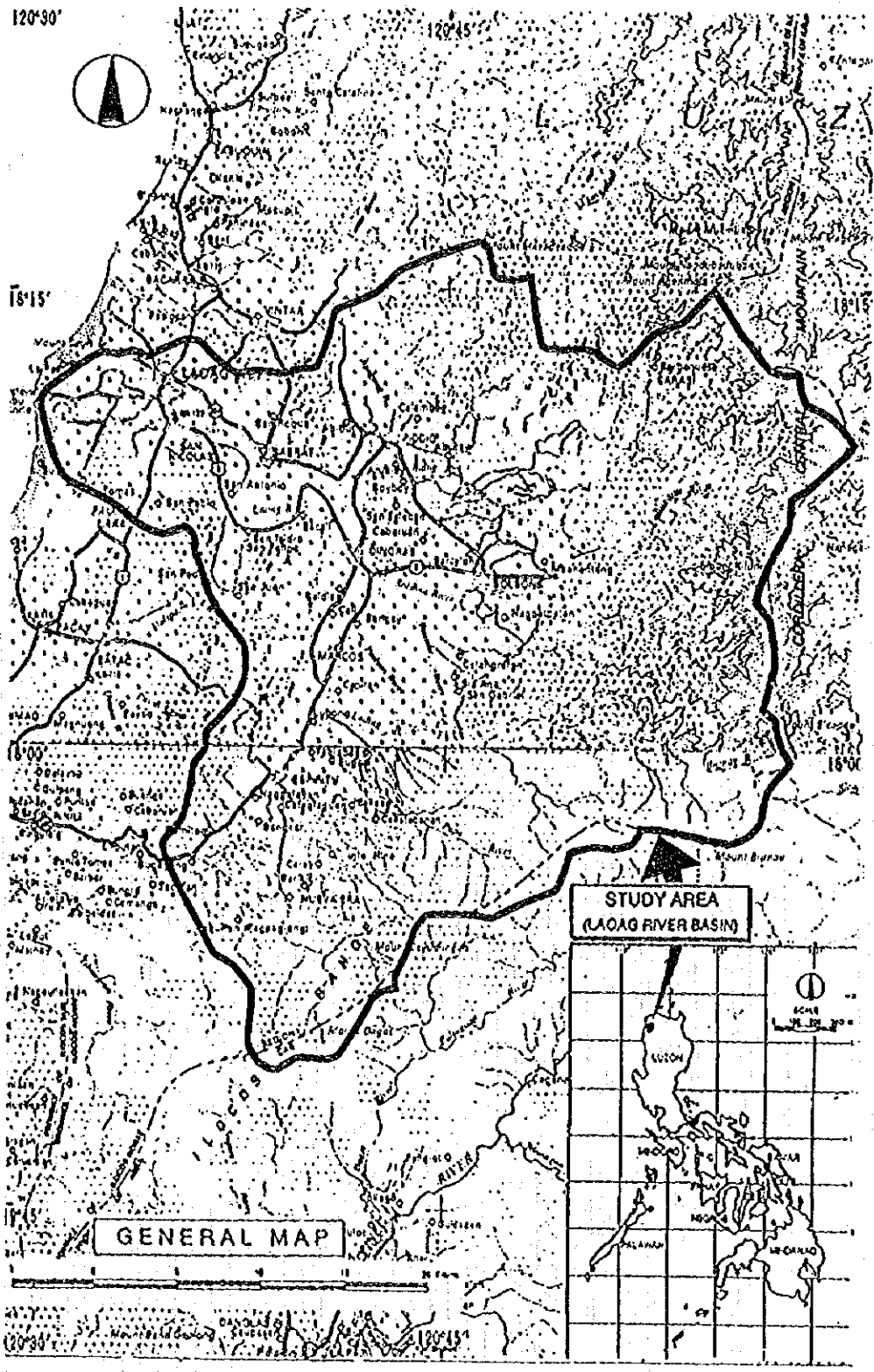
concern will be considered.

Conclusion

After all the issues were resolved/discussed, the DPWH officials asked the participants if they have any fears or apprehensions regarding the various structures to be constructed under the proposed project. The people did not express any fears nor interpose any objection to the proposed structures. Since the people accepted the project, Engr. Tamayo requested the LGUs for their official project endorsement.

The consultants further explained that there is really no cause for alarm since the proposed structures are for flood prevention. The proposed Sabo dams are very small dams whose effective heights are between four to ten meters and with design volumes between 390,000 to 2,190,000 m³.

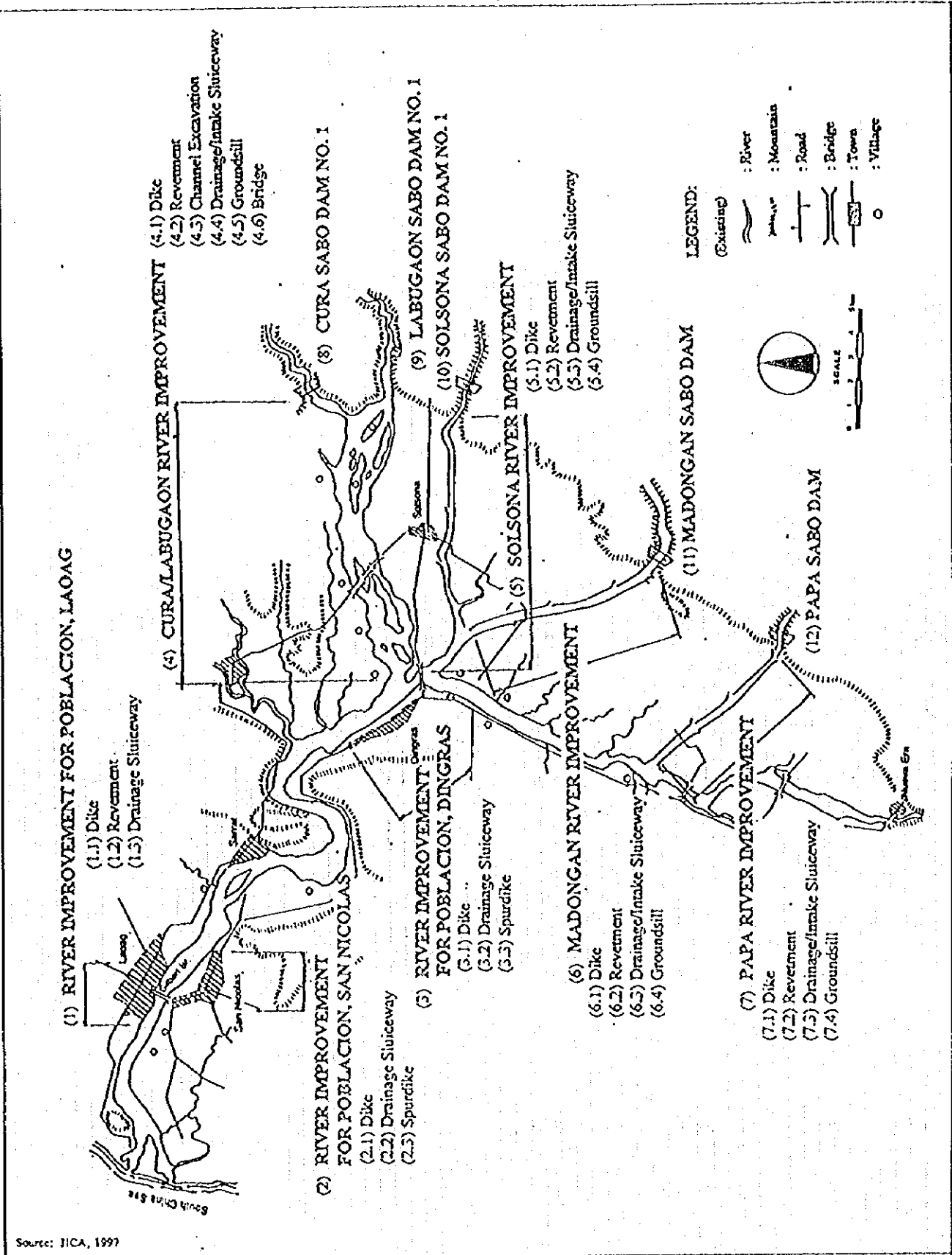
The dams are designed as sediment traps and not intended as a water impounding structure. Its volume of impounded water is quite small and will eventually represent only the void spaces of the sediments which is around 8% of the sedimentation volume for this project. Unlike the large water impounding dams, sabo dams have low potential energy. Hence, most of the adverse impacts associated with dam projects are absent in this particular project.



Source: JICA, 1997

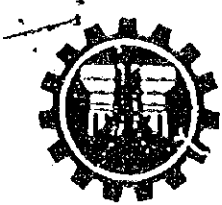
**ENVIRONMENTAL IMPACT STUDY OF THE
SABO AND FLOOD CONTROL PROJECT
OF THE LAOAG RIVER BASIN**

**GENERAL MAP OF THE
LAOAG RIVER BASIN**



ENVIRONMENTAL IMPACT STUDY OF THE SABO AND FLOOD CONTROL PROJECT OF THE LAOAG RIVER BASIN

LOCATION OF PROPOSED PHASE I PROJECT COMPONENTS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
MANILA

11 June 1996

The Honorable
GOV. RODOLFO C. FARINAS
Laoag, Ilocos Norte

Dear Gov. Farinas,

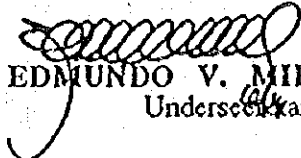
This refers to the on-going "Master Plan / Feasibility Study on Sabo and Flood Control in the Laoag River Basin in Ilocos Norte", funded under the Japanese Government.

The NEDA, in their letter of 29 May 1996 (copy attached), stressed the importance of coordination between LGUs and this Department for the effective implementation of the Project.

May we request therefore your kind cooperation on this endeavor. The Japanese Study Team, together with DPWH officials and counterpart personnel, from time to time, will visit concerned LGU offices for their data requirements. It is hoped that whatever assistance necessary be extended to them for the early completion of the Study.

Your preferential attention will be highly appreciated.

Very truly yours,


EDMUNDO V. MIR, CESO I
Undersecretary

Encls: a/s

cc: The Assistant Secretary for Planning
This Department

Mr. Nashito Murata
Team Leader
JICA Study Team

Mr. Rolando H. Tamayo
District Engineer

OPG-RCF	CONTROL NO. 96-01-2275
RECEIVED	RELEASED
DATE 6-21-96	DATE
TIME 11:25	TIME
SIGNATURE a.l.	SIGNATURE



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Atty. Rodolfo C. Farinas
Honorable Governor
Province of Ilocos Norte
Provincial Capitol, Laoag City

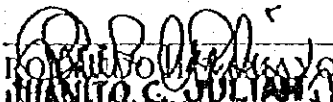
Sir:

This is to inform you that the DPWH-JICA Study Team on Sabo and Flood Control Study in Laoag River Basin will conduct a public/community consultation meeting on Friday, May 30, 1997, 1:30 p.m. at the Laoag City Amphitheater.

In this regard, may we request you to please send your representative on the above consultation meeting. We will discuss the proposed flood control scheme conceptualized by the JICA consultants and hear your comments and suggestion on this regard.

Your presence on this meeting is highly appreciated.

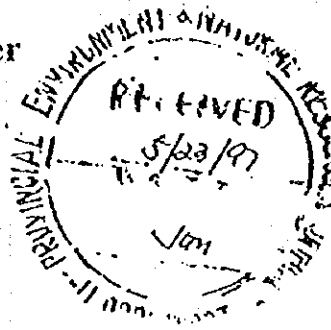
Very truly yours,


DANILLO C. JULIAN
Asst. Dist. Engr.
Laoag District

Received:
Vance 5/27/97
10:17 am



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City



Date: May 23, 1997

Mr Lino Rustia
Chief DENR
Laoag City

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Very truly yours,

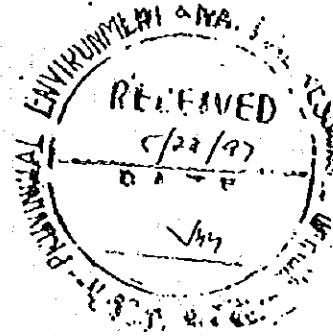
ROBANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavlt, Laoag City

Date: May 23, 1997

Ms. Dorica N. Hipe
Chief EMPAS Resources Office
PENRO, Ilocos Norte




Madam:

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Very truly yours,



ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 23, 1997

Mr Alfredo Lorenzo
Superintendent, NIA
Laoag City


Sir:

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Very truly yours,


ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District

received

jad 5.23.97

Send 071...
May 23, 1997



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavlt, Laoag City

Date: May 23, 1997

Mr Leonardo N. Quitos, Jr.
Director, NEDA Regional Office-I


Sir:

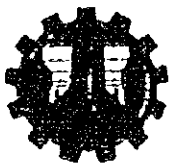
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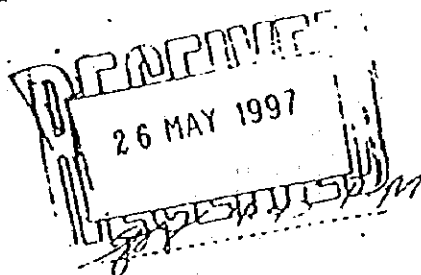
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ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City



Date: May 26, 1997

Honorable Clydel Garcia
Municipal Mayor
Marcos, Ilocos Norte

Sir:

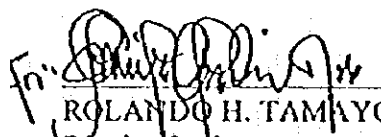
This has reference to the on-going Study on Sabo and Flood Control Project in Laoag River Basin being conducted by the Japan International Cooperation Agency (JICA).

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Your presence on this meeting is very important.

Very truly yours,


ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Wilfredo Parado
Municipal Mayor
Dingras, Ilocos Norte

OFFICE OF THE MAYOR DINGRAS NO 2196	
RECEIVED	RELEASED
DATE 26 MAY 1997	DATE
TIME 9:40 P.M.	TIME
SIGNATURE <i>gcw</i>	SIGNATURE
DINGRAS - ILOCOS NORTE	

Sir:

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Very truly yours,

Rolando H. Tamayo
ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Bernardo Gano
Municipal Mayor
Sarrat, Ilocos Norte

Sir:

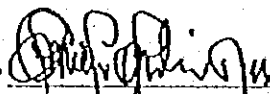
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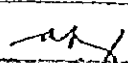
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Very truly yours,


RCLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District

OFFICE OF THE MAYOR SARRAT, ILOCOS NORTE	
RECEIVED	RELEASE
DATE: 5-26-97	DATE:
TIME: 1:15 PM	TIME:
BY: 	BY:



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Generoso Aquino
Municipal Mayor
Piddig, Ilocos Norte

Sir:


This has reference to the on-going Study on Sabo and Flood Control Project in Laoag River Basin being conducted by the Japan International Cooperation Agency (JICA).

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Very truly yours,


ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District

*Rec'd by:
Anten B. Sabon
26 May 97
2:05 pm*



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Joseph De Lara
Municipal Mayor
Solsona, Ilocos Norte

Sir:

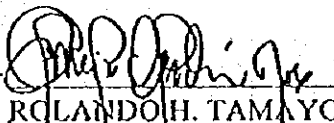
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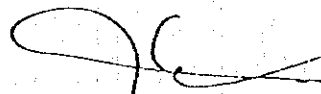
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ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District


5/26/97



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Albert Carte
Municipal Mayor
Carasi, Ilocos Norte

Sir:

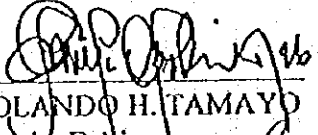
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ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District

Received
In copy
Mr. Accountant
Mr. Mayor Carte



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Angelo Barba
Municipal Mayor
San Nicolas, Ilocos Norte

Sir:


This has reference to the on-going Study on Sabo and Flood Control Project in Laoag River Basin being conducted by the Japan International Cooperation Agency (JICA).

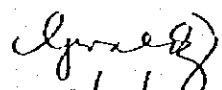
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ROLANDO H. TANIAYO
District Engineer
Ilocos Norte 1st Engineering District

Received: 
5/27/97
9:45 A.M.



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 27, 1997

Mr. Dominador H. Almogela
DENR Regional Director
San Fernando, La Union

Sir:


This is to inform you that the DPWH-JICA Study Team on Sabo and Flood Control Study in Laoag River Basin will conduct a public/community consultation meeting on Friday, May 30, 1997, 1:30 p.m. at the Laoag City Amphitheater.

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ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District

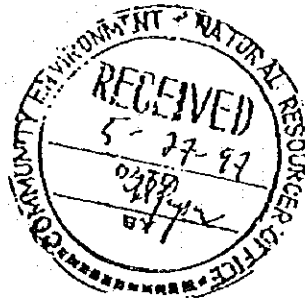

JUANITO C. JULIAN
ASST. DIST. ENGR.
OIC - DIST. ENGINEER



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Mr. Benjamin S. Abucay
CENRO Officer
DENR, CENRO-2
Laoag City



Sir:

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For: [Signature]
JOAQUIN C. HUUBIANO
DIRECTOR (DIST. ENGR.)
OIC - DIST. ENGINEER
Ilocos Norte 1st Engineering District



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Joseph Arzadon
Municipal Mayor
Nueva Era, Ilocos Norte

Sir:

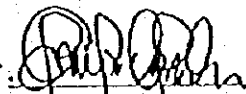
This has reference to the on-going Study on Sabo and Flood Control Project in Laoag River Basin being conducted by the Japan International Cooperation Agency (JICA).

The DPWH with the assistance of the JICA Study Team will conduct a public/community consultation meeting on Friday, May 30, 1997, 1:30 p.m. at the Laoag City Amphitheater.

In this regard, may we request you to please attend or send your representative on the above said consultation meeting. We will discuss the proposed flood control scheme being planned by the consultants and hear your comments and suggestions on this regard.

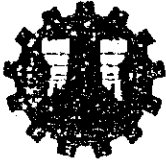
Your presence on this meeting is very important.

Very truly yours,


ROLANDO H. TAMAYO
District Engineer

Ilocos Norte 1st Engineering District

Recd: 5/26/97
J. Arzadon



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

The Community Environmental
and Natural Resources Officer
Marcos, Ilocos Norte

Sir:

This is to inform you that the DPWH-JICA Study Team on Sabo and Flood Control Study in Laoag River Basin will conduct a public/community consultation meeting on Friday, May 30, 1997, 1:30 p.m. at the Laoag City Amphitheater.

In this regard, may we request you to please attend or send your representative on the above consultation meeting. We will discuss the proposed flood control scheme conceptualized by the JICA consultants and hear your comments and suggestion on this regard.

Your presence on this meeting is highly appreciated.

Very truly yours,

[Handwritten Signature]
ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District

[Handwritten Note]
120
Rolando H. Tamayo
3.28.97



Republic of the Philippines
Department of Public Works and Highways
Region I
Office of the District Engineer
Airport Avenue, Bgy. Cavit, Laoag City

Date: May 26, 1997

Honorable Carlito Abadilla
Municipal Mayor
Espiritu, Ilocos Norte

Sir:

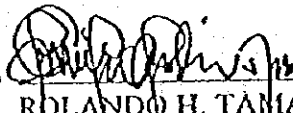
This has reference to the on-going Study on Sabo and Flood Control Project in Laoag River Basin being conducted by the Japan International Cooperation Agency (JICA).


The DPWH with the assistance of the JICA Study Team will conduct a public/community consultation meeting on Friday, May 30, 1997, 1:30 p.m. at the Laoag City Amphitheater.

In this regard, may we request you to please attend or send your representative on the above said consultation meeting. We will discuss the proposed flood control scheme being planned by the consultants and hear your comments and suggestions on this regard.

Your presence on this meeting is very important.

Very truly yours,


ROLANDO H. TAMAYO
District Engineer
Ilocos Norte 1st Engineering District

Received: 
5-26-97

COMMUNITY / PUBLIC CONSULTATION MEETING
Regarding the Sabo and Flood Control in the Laoag River Basin

Date: May 30, 1997

Place: Laoag Ampitheater, Laoag City

No.	Name	Position	Town/Office	Signature
1	ROMULO E. HILARIO	MPDC	PID 016	[Signature]
2	EMILY G. CASPAR	MUN. ENGR.	CAR 151	[Signature]
3	DANTE V. MADANAL	FORESTER II	DENR	[Signature]
4	John Reyes	MEDIA	Laoag City	[Signature]
5	DORICA NAZ-HIPE	Senior Envtl. Mgmt. Specialist	PENRO	[Signature]
6	Celestino Mariano	Brig. Kagawad	Integrity	[Signature]
7	AVELINO GUARINO	BRIGY CAPT.	36 ARANILW L.C.	[Signature]
8	AFREDO FLORENTO	IRMG. SUPT.	NIA-INIS	[Signature]
9	Edmund P. Pascua	SUPV'S DS. Eng	NIA-INIP	[Signature]
10	Ricardo Pamao	Capt.	30-A Saly	[Signature]
11	Rebecca E. Velasco	#15, L.C. Brigy. Kagawad	Laoag City	[Signature]
12	Ricardo J. Samalor	Brig. Chair.	Laoag City	[Signature]
13	Redentor Anchoa	BRIGY KAGAWAD	BRIGY #11 Laoag City	[Signature]
14	ARTURO GERONIMO	Brig. i	Chairman	[Signature]
15	ROLAND GUZMAN	BRIGY KAGAWAD	BRIGY #1, L.C.	[Signature]
16	JUANITO J. DOMINGO	" "	" " "	[Signature]
17	Pedro Araya	" "	" " "	[Signature]
18	CRESCENCIA E. FARFALLI	" "	Brig. 19, L.C.	[Signature]
19	PEDRO AGUILAR JR.	PED III - DIC	PPRO - I. NIP	[Signature]
20	MICHAEL P. RAMOS	PDU III	PPRO - I. NIP	[Signature]
21	RUEL J. ANTONIO	CONSULTANT	WCJ	[Signature]
22	MELCIBAL O. LIPON JR.	Asst. Technology	PAO - Laoag City	[Signature]
23	Engenia T. P. Hays	Brig. Kagawad	Laoag City	[Signature]
24	PERPETUA RAVOS	Brig. Kagawad	io L.C.	[Signature]
25	Patricio R. Eugenio	Brig. Kagawad	Laoag City	[Signature]
26	Lourdes A. Paron	Brig. 15 Laoag	Laoag City	[Signature]
27	Benedicto Malara	Supv. ENG	DEU	[Signature]

COMMUNITY / PUBLIC CONSULTATION MEETING
Regarding the Sabo and Flood Control in the Laoag River Basin

Date: May 30, 1997

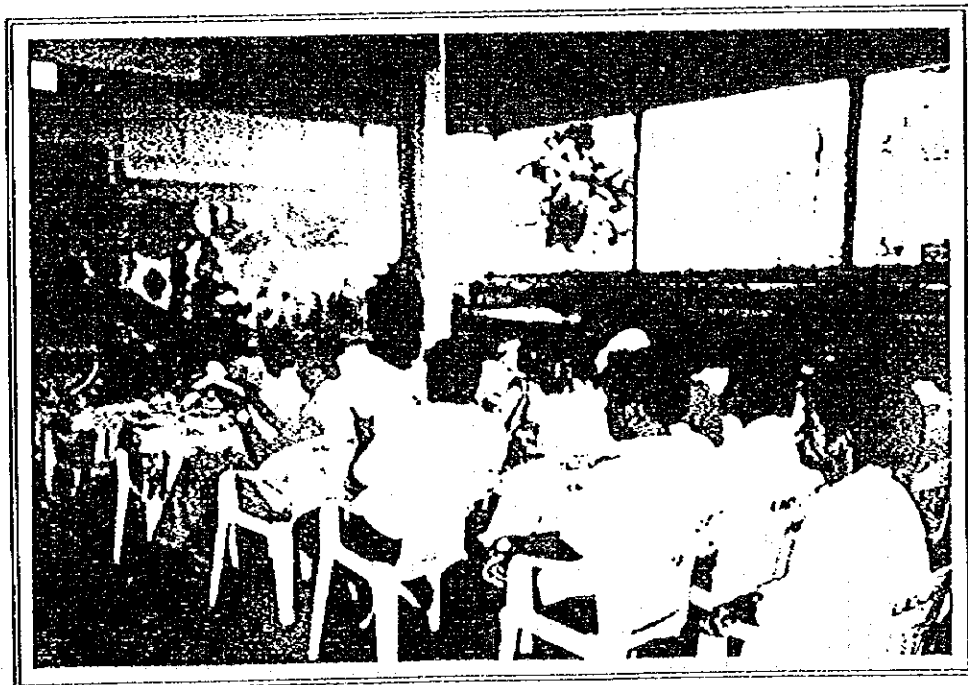
Place: Laoag Amphitheater, Laoag City

No.	Name	Position	Town/Office	Signature
28	ERME U. FANO	ENGR IV	Pro- NFE	
29	CAMOS P. ZAMOR	Eng II	CO DPUH	
30	Joseph Reyes	-	Buttangh. C	
31	COMPTON S. VARGAS	CEM III	PRO- NFE	
32	Felimon C. Vargali	Kagawad	Brgy. 14 L.C.	
33	Francis V. Muro	DRP DE	INSA	
34	Bonifacio E. Parina	Engr. IV	PEO, IN	
35	ROGARIO C. ARCANO	CHAIRMAN	L.C.	
36	Higino S. Alpio	Kagawad	L.C.	
37	Armando B. Loui	Kagawad	L.C.	
38	John S. Quizon	Kagawad	L.C.	
39	SILVINO D. GABRIEL	KAGAWAD	L.C.	
40	Eusebio Domingo	Kagawad	Laoag City	
41	Romulo C. Cruz	Brgy Capt	Laoag City	
42	Enrique P. Beaulieu	Brgy Capt	L.C.	
43	EDMUNDO H. TAMAYO	CCR	LAOAG CITY	
44	MELANIE PEDRA	Brgy. Capt	37, L.C.	
45	Picard J. Corpuz	Brgy. Capt.	60-B L.C.	
46	Bernardo G. Garcia	MAYOR	Laoag	
47	Ernesto S. Quino	Kagawad	L.C.	
48	JOY MARIE T. TUASON	Sr. SDS	NEDA-1	
49	Daniela P. de la Cruz	KAGAWAD	#1 Laoag C	
50	MARK PASCUAL	KAGAWAD	#17 L.C.	

NAME	POSITION	TOWN/OFFICE	Signature
51) ALPHONSIUS G. RIGORAN	M.P.D.C.	BANNA	
52) FERNANDO RAMOS	BRGY. Capt.	"	
53) DAMIAN BENITO	BRG. Capt.	"	
54) Antonio Galante	BRG. Capt.	Banna	
55) Domingo Abia	"	"	
56) SONIA B. SIDZAN	BRG. CHAIRMAN	Prge 21	
57) SAMSON MACAYAG	MUN. ENGR.	MARCOS TR.	
58) JOSE C. CHAVEZ	BRG. 24 L.C.	Prge 21	
59) FORTON O. ...	"	"	
60) NAJJIAN TUZON	BRG. CHAIRMAN BRG. 5	LAROG CITY	
61) MICHAEL V. TAMPAK	BRG. CHAIRMAN BRG. 11	LAROG CITY	
62) MICHAEL A. AGUSTIN	BRG. KAGAWAD BRG. 7A	LAROG CITY	
63) ERNESTO N. JOCUE	BRG. KAGAWAD BRG. 8	LAROG CITY	
64) LITO ZENARRADO	BRG. KAGAWAD BRG. 7A	L.C.	
65) Leonard S. ...	BRG. 15	Larog City	
66) ALEXANDER ROCA	BRG. CHAIRMAN	BANNA	
67) GLENN V. REYES	LAROG CITY		
68) WILSON QUIJANAR	LAROG CITY		
69) MARIBES JIMBOR	Adm.	LAROG CITY	
70) Rogue ...	Larog City		
71) NAOHITO MURATA	Leader	JICA Study Team	
72) Kaneshiro MORISHITA	Co-Leader	- do -	
73) AKIO SHI CHI JUGARI	JICA Member	- do -	
74) YUZO MIZOTA	JICA member	- do -	
75) NOBUYUKI TAKANASHI	JICA member	- do -	
76)			
77)			
78)			
79)			
80)			
81)			
82)			



Photograph No.1 - Engr. Tamayo, at the podium, discussing the proposed project.



Photograph No.2 - Municipal and barangay officials and representatives of government agencies attended the consultation meeting.



Photograph No.3 - Mayor of Sarrat raises a point during the consultation meeting.



Photograph No.4 - A municipal official asks on why some areas are not included in the project coverage.



Photograph No.5 - A barangay official raises a point during the consultation meeting.



Photograph No.6 - Members of the JICA Study Team were present during the consultation meeting.



Photograph No.7 - Typical informal meeting with the barangay officials, DPWH Representative, and consultants



Photograph No.8 - Another informal consultation meeting with the barangay officials of another barangay.

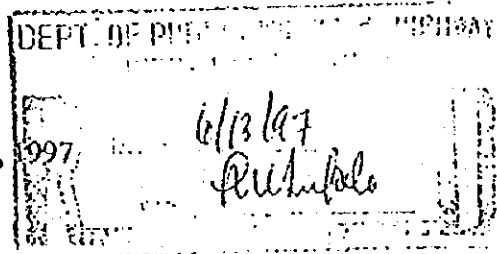
APPENDIX II
PROJECT ENDORSEMENT



Republic of the Philippines
Province of Ilocos Norte
CITY OF LAOAG

OFFICE OF THE CITY MAYOR

Hon. Roger C. Farinas
CITY MAYOR



June 9, 1997

ENGR. ROLANDO H. TAMAYO
District Engineer
1st Ilocos Norte Engineering District
Brgy. Cavit, Laoag City

Dear Engineer Tamayo:

This refers to your letter dated June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River Basin which was presented and discussed during a consultation meeting held last May 30, 1997 at the City Amphitheater, with various local and barangay officials in attendance.

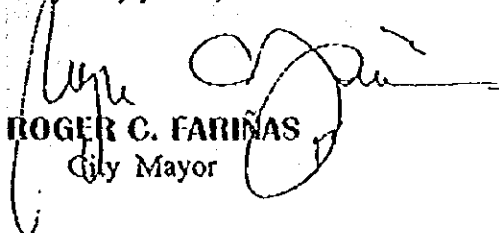
After consultation with all concerned, especially with my constituents, this representation interposes no objection on the proposed project.

In view hereof, I endorse the proposed project for favorable consideration of the Department of Environment and Natural Resources (DENR) on the issuance of Environmental Compliance Certificate (ECC), and the National Economic and Development Authority (NEDA), for financial requirement from any local and foreign funding institutions.

Rest assured that the City Government will be supportive to any project and other similar undertakings espoused and implemented by the Department of Public Works and Highways that will redound to the good of the city and its people.

Thank you and MABUHAY!

Very truly yours,


ROGER C. FARINAS
City Mayor



Republic of the Philippines
Province of Ilocos Norte
MUNICIPALITY OF SAN NICOLAS

Office of the Mayor

04 January 1997

MR. ROLANDO H. TAMAYO
District Engineer
1st Ilocos Norte Engineering District
Barangay Cavit, Laoag City
Ilocos Norte

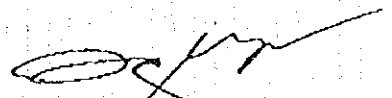
Sir:

This has reference to your letter of June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River basin which was discussed last May 30, 1997 at the Laoag Amphitheater, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interpose no objection on the project proposal.

In view hereof, I hereby endorse the implementation of the project to the government agencies concerned.

Rest be assured of our full support and cooperation in the realization of this project.

Very truly yours,


ANGELO MARCOS BARBA
Mayor

"Building the Future of San Nicolas together."

Republic of the Philippines
Province of Ilocos Norte
Municipality of Sarat

OFFICE OF THE MAYOR

June 5, 1997

Engr. Rolando H. Tamayo
District Engineer
1st Ilocos Norte Engineering District
Brgy. Cavit, Laoag City, Ilocos Norte

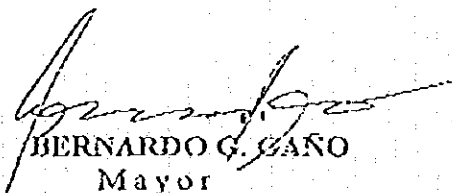
Sir:

This has reference to your letter of June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River Basin which was discussed last May 30, 1997 at the Laoag Amphitheater, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interpose no objection on the project proposal. Provided, it will also include Barangays San Lorenzo and San Nicolas, a minimum of two (2) kilometers immediately upstream where erosion on said areas are great as indicated in the map.

In view hereof, I hereby endorse the proposed project to Department of Environmental and Natural Resources (DENR) for the issuance of Environmental Compliance Certificate (ECC) and National Economic Development Authority (NEDA) for financial requirement from any local and foreign funding institutions.

Please be assured of our support and cooperation in undertaking like this.

Very truly yours,

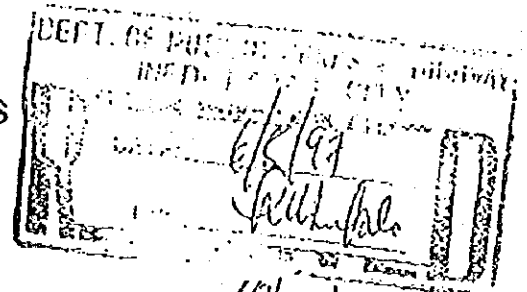

BERNARDO G. GANO
Mayor

Note:

* Additional condition requested above:



Republic of the Philippines
Province of Ilocos Norte
MUNICIPALITY OF DINGRAS



Wilfredo P. Parado
MUNICIPAL MAYOR
PRESIDENT, L.M.P.-IN. CHAPTER

05 June 1997

Mr. ROLANDO H. TAMAYO
District Engineer
1st Ilocos Norte Engineering District
Brqy. Cavit, Laoag City, Ilocos Norte

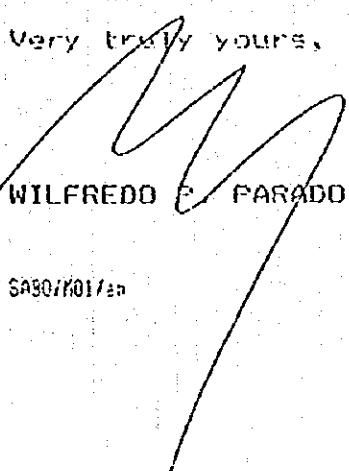
S I R :

This has reference to your letter of June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River Basin which was discussed last May 30, 1997 at the Laoag Amphitheater, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interposes no objections on the project proposal.

In view hereof, I hereby endorse the implementation of the project to the government agencies concerned.

Please be assured of our full support and cooperation in undertakings like this.

Very truly yours,


WILFREDDO P. PARADO

SABO/K01/20

Republic of the Philippines
Province of Ilocos Norte
SOLSONA

OFFICE OF THE MAYOR

June 4, 1997

Mr. Rolando H. Taniayo
District Engineer
1st Ilocos Norte Engineering District
Brgy. Cavit, Laoag City, Ilocos Norte

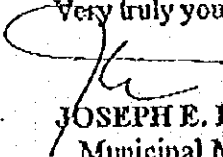
Sir:

This has reference to your letter of June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River Basin which was discussed last May 30, 1997 at the Laoag Amphitheater, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interposes no objections on the project proposals.

In view hereof, I hereby endorse the implementation of the project to the government agencies concerned.

Please be assured of our full support and cooperation in the undertaking like this.

Very truly yours


JOSEPH E. DE LARA
Municipal Mayor

Republic of the Philippines
Province of Ilocos Norte
MUNICIPALITY OF CARASI

June 8, 1997

MR. ROLANDO H. TAMAYO
District Engineer
1st Ilocos Norte Engineering District
Ermita, Cavit, Laoag City, Ilocos Norte

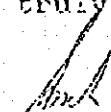
SIR:

This has reference to your letter of June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River Basin which was discussed last May 30, 1997 at the Laoag Amphitheater, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interposes no objections on the project proposal.

In view hereof, I hereby endorse the proposed project to Department of Environmental and Natural Resources (DENR) for the issuance of Environmental Compliance Certificate (ECC) and National Economic Development Authority (NEDA) for financial requirement from any local and foreign funding institutions, with reservation that unskilled laborer where Sabo Dam is implemented should come from this municipality.

Please be assured of our support and cooperation in undertaking like this.

Very truly yours,


ALBERT B. CARTE
Municipal Mayor



Republic of the Philippines
PROVINCE OF ILOCOS NORTE

Municipality of Biddig

OFFICE OF THE MAYOR

June 13, 1997

SEOR. ROLANDO TAMAYO
District Engineer
1st Ilocos Norte Engineering District
Brgy. Cavit, Laoag City, Ilocos Norte

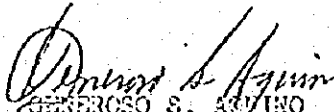
S i r :

This has reference to your letter of June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River Basin which was discussed last May 30, 1997 at the Laoag Amphitheatre, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interposes no objections on the project proposal.

In view hereof, I hereby endorse the proposed project to Department of Environmental and Natural Resources (DENR) for the issuance of Environmental Compliance Certificate (ECC) and National Economic Development Authority (NEDA) for financial requirement from any local and foreign funding institutions.

Please be assured of our support and cooperation in undertaking like this.

Very truly yours,


GENEROSO S. AQUINO
Municipal Mayor

Republic of the Philippines
Province of Ilocos Norte
MUNICIPALITY OF NUEVA ERA

OFFICE OF THE MAYOR

Joseph B. Arzadon
Municipal Mayor

June 13, 1997

MR. ROLANDO H. TAMAYO
District Engineer
1st Ilocos Norte Engineering District
Brgy. Cavit, Laoag City, Ilocos Norte

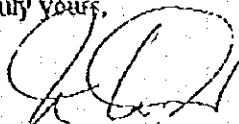
Sir:

This has reference to your letter of June 2, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laoag River Basin which was discussed last May 30, 1997 at the Laoag Amphitheater, with the various representatives of concerned local officials attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interposes no objections on the project proposal.

In view hereof, I hereby endorse the implementation of the project to the Department of Environmental and Natural Resources for the issuance of Environmental Compliance Certificate (ECC) and National Economic and Development Authority (NEDA) for possible funding application to any local and foreign assistance.

Please be assured of our full support and cooperation in undertaking like this.

Very truly yours,


JOSEPH B. ARZADON
Municipal Mayor



Republic of the Philippines
Province of Ilocos Norte
MUNICIPALITY OF MARCOS
2907 Ilocos Norte

Office of the Mayor

CLYDE J. GARCIA, M.D.
Municipal Mayor

June 16, 1997

Mr. Rolando H. Tamayo
District Engineer
1st Ilocos Norte Engineering District
Brgy. Cavit, Laoag City, Ilocos Norte

Sir,

This has reference to your letter dated June 2, 1997 regarding the implementation of the proposed project on Sabo Dam and Flood Control in the Laoag River Basin which was discussed last May 30, 1997 at the Laoag Amphitheater, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interposes no objections on the project proposal.

In view hereof, I hereby endorse the implementation of the project to the Department of Environment and Natural Resources for the issuance of ENVIRONMENTAL COMPLIANCE CERTIFICATE and to the National Economic and Development Authority for possible funding from any local and foreign sources.

Please be assured of our full support and cooperation in undertakings like this.

Very truly yours,

DEF. OFFICE
7/16/97
011-152

Republic of the Philippines
Province of Ilocos Norte
MUNICIPALITY OF BANNA
600090

OFFICE OF THE MAYOR

June 17, 1997

Mr. Rolando H. Tamayo
District Engineer
1st Ilocos Norte Engineering District

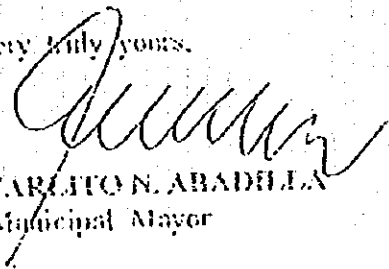
Sir:

This has reference to your letter dated June 12, 1997 regarding the implementation of the proposed project on Sabo and Flood Control in the Laog River Basin which was discussed last May 30, 1997 at the Laog Amphitheater, with the various representatives of concerned local officials who attended the consultation meeting. After due consultation with my constituents in our municipality, they likewise interposes no objections on the project proposal.

In view hereof, I hereby endorse the implementation of the project to the Department of Environment and Natural Resources for the issuance of Environmental Compliance Certificate (ECC) and National Economic Development Authority for application of possible funding to our development to our local foreign Assistance.

Please be assured of our full support and cooperation in undertaking like this.

Very truly yours,


CARLITO N. ABADILLA
Municipal Mayor

JICA