



Republic of the Philippines
National Irrigation Administration
Central Office

NIA CY2021 YEAR-END REPORT



REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION
CENTRAL OFFICE

May 18, 2022

TO : GEN RICARDO R VISAYA (Ret)
Administrator
This Agency

FROM : THE MANAGER
Corporate Planning Services

SUBJECT : NIA CY2021 YEAR-END REPORT

We respectfully submit the NIA's CY2021 Year-End Report.

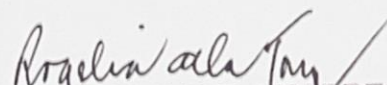
Please be informed that the Physical Accomplishment used in the report are based from the Online Physical Accomplishment Information System as an official reporting system of the agency per MC No. 9, s. 2017, others are from the submitted reports of different departments.

For a brief summary of the said document, the total service area developed as of December 2021 was 2,042,392.66 hectares comprising of 65.28% of the 3,128,631 irrigable area in hectares. Cropping intensity achieved for the 247 NIS was 157.93% based on the service area or 177.53% based on the FUSA. On the other hand, cropping intensity for the 9,397 CIS at the beginning of the year was 132.86% based on the service area and 151.15% based on FUSA.

The accomplishments under the CY2021 Program and carry-over projects from 2015 to 2020 included the following:

New Area Generation	35,150 hectares
Area Restoration	10,182 hectares
<i>Repair Works:</i>	
Earth Canals	480.98 km
Canal Lining	844.16 km
High-Density Polyethylene (HDPE) pipe	57.81 km
Coconet Slope Protection Area	141,562 m ²
Concrete Roads	110.56 km
Gravel Roads	476.62 km
Canal Structures	3,413 units

For your information and ready reference.


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cc: PAIS

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TABLE OF CONTENTS

Item	Title	Page
	COVER PAGE	i
	TABLE OF CONTENTS	ii
	LIST OF TABLES	iii
	LIST OF ANNEXES	iii
	ABBREVIATIONS/ACRONYMS USED	lv
	EXECUTIVE SUMMARY	Vii
	PLANNING AND DEVELOPMENT OF IRRIGATION PROJECTS	1
I.	Project Preparation	2
II.	Project Implementation	3
A.	Foreign-Assisted Projects (FAPs)	3
B.	Locally Funded Projects (LFPs)	7
C.	Continuing Appropriations	9
	OPERATION AND MAINTENANCE OF IRRIGATION SYSTEMS	11
I.	System Management	12
II.	Institutional Development	12
III.	Equipment Management	14
IV.	Irrigation Engineering Center	15
	ANNEXES	21

LIST OF TABLES

Table	Title	Page
1	Summary of Physical Status of Irrigation Projects	ix
2	Summary of Financial Status of Irrigation Projects	x

LIST OF ANNEXES

Annex	Title	Page
A	CY2021 Irrigation Program	22
B	Physical Status of Irrigation Projects / CY2021 Irrigation Program as of December 31, 2021	23
C	Financial Status of Irrigation Projects / CY2021 Irrigation Program / January 1 – December 31, 2021	40
D	Project Preparation Activities / Feasibility Study & Detailed Engineering for Irrigation Projects / as of December 31, 2021	48
E	Status of Irrigation Development as of December 31, 2021	49
F	Service and Irrigated Area (in ha) of National Irrigation Systems Crop Year 2020 - 2021 / as of December 31, 2021	50
G	Service and Irrigated Area of Communal Irrigation Systems Crop Year 2020 - 2021 / as of December 31, 2021	51
H	Annual Irrigation Development Program and IMT Accomplishment as of December 31, 2021	52
I	Status of NIA Equipment / as of December 31, 2021	53

PICTORIALS

ABBREVIATIONS/ACRONYMS USED

ABB/ACR	MEANING	ABB/ACR	MEANING
ARMM	Autonomous Region in Muslim Mindanao	FSDE	Feasibility Study and Detailed Engineering
B	Billion	FUSA	Firmed-Up Service Area
BSPP	Balikatan Sagip Patubig Program	GOP	Government of the Philippines
CAR	Cordillera Administrative Region	HDPE	High Density Polyethylene
CARP-IC	Comprehensive Agrarian Reform Program – Irrigation Component	Ha	hectare
CCAW	Climate Change Adaptation Works	LFPs	Locally Funded Projects
CIP or CIS	Communal Irrigation Project or System	LGU	Local Government Unit
COB	Current Operating Budget	LP	Loan Proceeds
COA	Commission on Audit	M	Million
CY	Calendar Year	MARIIS	Magat River Integrated Irrigation System
DAR	Department of Agrarian Reform	MPIP	Multipurpose Irrigation Project
DA	Department of Agriculture	NCA	Notice of Cash Allocation
DBM	Department of Budget and Management	NEDA	National Economic and Development Authority
EO	Executive Order	NGO	Non Government Organization
EDCF	Economic Development Cooperation Fund	NIA	National Irrigation Administration
FAPs	Foreign Assisted Projects	NIP or NIS	National Irrigation Project or System
		NISRIP	National Irrigation Sector Rehabilitation and

ABBREVIATIONS/ACRONYMS USED

ABB/ACR	MEANING	ABB/ACR	MEANING
O&M	Operation & Maintenance	RENIS/CIS	Restoration of National/Communal Irrigation Systems
OGA	Other Government Agencies		
PC	Peso Counterpart	REGPIP	Repair of Groundwater Pump Irrigation Project
PCRs	Project Completion Reports		
PIS	Private Irrigation Sytem	RIOs	Regional Irrigation Offices
PD	Presidential Decree	RIP or RIS	River Irrigation Project or System
PMO	Project Management Office	ROW	Right-of-Way
POW	Program of Work	SEC	Securities and Exchange Commission
QRF	Quick Response Fund	SIP	Small Irrigation Project
RA	Republic Act	SRIP	Small Reservoir Irrigation Project

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

NIA pursued the implementation of 167 infrastructure projects for CY2021. Of the total number, 40 projects are in Luzon, 31 in Visayas, and 18 in Mindanao and 78 in selected provinces nationwide. Other activities for the year were planning and development of irrigation projects, repair, rehabilitation and restoration projects of national and communal irrigation systems, organization and development of irrigators associations (IAs), implementation and monitoring of Irrigation Management Transfer (IMT), and execution and monitoring of climate change adaptation works.

The CY2021 program included the: generation of 59,802 hectares; restoration of 18,620 hectares; repair & rehabilitation works of 615.53 km earth canal, 2,652.62 km concrete lined canal, 96.97 km high density polyethylene (HDPE) pipe, 219,053 sq. m. of coconet slope protection area, 146.82 km concrete roads, 604.18 km gravel roads and 6,281 unit of canal structures.

The agency accomplished 35,150 hectares new area generation, and 10,812 hectares area restoration. Repair works dwelt on 480.98 km of earth canals, 844.16 km of canal lining, 57.81 km of high-density polyethylene (HDPE) pipe, 141,562 sq. m. of coconet slope protection area, 110.56 km concrete roads, 476.62 km gravel roads and 3,413 unit of canal structures. These included accomplishments under the CY2021 Program and carry-over projects from (2015-2020).

Some 50,284 jobs were generated in the construction of new irrigation projects and rehabilitation of existing irrigation systems. NIA's Irrigation Development Program for the year had a funding requirement of ₱ 35.997 B: ₱ 31.659 B from approved budget for CY2021, ₱ 0.301

from Special Provision and other sources and ₱ 4.036 B from previous year's unobligated balance and from other sources. Total available allotment for the year was ₱ 36.221 B with notice of cash allocation (NCA) received of ₱ 27.795 B. Obligations incurred reached ₱ 31.312 B.

NIA operated and maintained 256 NISs with an aggregate service area of 901,406 hectares and a firm-up service area (FUSA) of 816,003 hectares at the beginning of the year. The irrigation-programmed service area for this crop year is 1,422,347 hectares. Irrigated area was 739,260 hectares during the dry season 2020 (November 2020 to April 2021), 723,672 hectares during the wet season 2021 (May 2021 to October 2021), and 35,863 hectares for the third crop 2021 – equivalent to a total of 1,462,932 hectares (103% of the irrigation-programmed service area). Cropping intensity achieved was 179.28 percent based on the FUSA.

There are 9,704 Communal Irrigation Systems (CISs) at the beginning of the year with an aggregate service area of 703,918 hectares and a FUSA of 620,502 ha. In Crop Year 2020-2021, total irrigated area in the CISs was 973,167 ha—equivalent to a cropping intensity of 153.60 percent based on FUSA.

As of December 31, 2021, the total service area developed was 2,042,392.66 hectares (65.28%) compared with the CY 2020 service area of 2,006,054.90 (64.12%) of the irrigable area of 3,128,631 hectares. The service area is distributed as follows: 955,653.79 hectares are under NIS, 737,402.32 hectares in CIS and 180,501.21 hectares in private irrigation systems and 168,835.34 hectares in other government agency assisted. The remaining irrigable area for development is 1,114,259.19 hectares, which comprises those rice and corn lands with up to 3 percent field slope.

PHYSICAL STATUS OF IRRIGATION PROJECTS
FY 2021 IRRIGATION PROGRAM
As of December 31, 2021

Category	Overall Area (ha)	FY 2021 Revised Targets								FY 2021 Accomplishment							Actual to Date		
		CY 2021 Program	Carryover Program					Total CY 2021	CY 2021 Program	Carryover Program					Total CY 2021				
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016			CY 2015	CY 2020	CY 2019	CY 2018	CY 2017		CY 2016		CY 2015	
I. CY 2021 IRRIGATION PROGRAM																			
FOREIGN ASSISTED PROJECTS	New	18,200	1,000	-	-	-	-	-	1,000	-	-	-	-	-	-	-	-	493	
	Resto (ha)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120		
	Earth Canal (km)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88.15		
	Canal Lining (km)	-	-	60.00	-	-	-	-	60.00	-	-	-	-	-	-	-	1.50		
	Canal Structures (Unit)	-	-	217	1	-	-	-	218	-	-	-	-	-	-	-	22		
	COCONET (sq. m.)	-	-	-	-	-	1,240	-	1,240	-	-	-	-	1,240	-	-	1,240	84,825	
LOCALLY FUNDED PROJECTS	New (ha)	163,568	18,639	2,920	171	1,913	235	456	56	24,390	10,978	2,268	227	1,666	507	187	56	15,889	40,800
	Resto (ha)	15,461	5,347	60	1	90	-	-	-	5,498	3,783	60	-	-	-	-	-	3,843	6,044
	Earth Canal (km)	-	238.63	8.47	-	-	1.15	2.83	25.47	276.55	290.55	-	-	-	-	-	0.05	290.60	399.01
	Canal Lining (km)	9.75	185.26	58.97	12.76	1.08	1.30	0.60	11.99	271.97	232.44	35.82	12.79	0.41	0.85	4.05	37.41	323.76	671.11
	Canal Structures (Unit)	46	287	303	37	37	25	27	10	726	511	192	52	47	-	39	10	851	1,837
	HDPE (km)	-	8.88	2.35	-	-	-	-	-	11.23	10.48	1.06	-	-	-	-	-	11.54	10.91
	COCONET (sq. m.)	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	8	8
	Concrete Road (km.)	-	81.81	12.96	-	-	-	-	-	94.77	95.47	1.10	3.22	-	-	-	-	99.79	102.33
	Gravel Road (km)	2.46	185.67	64.65	36.09	-	3.00	-	-	289.41	245.88	32.50	27.81	-	3.00	-	-	309.19	380.43
TOTAL FOR CY 2021 IRRIGATION PROGRAM	New (ha)	181,768	19,639	2,920	171	1,913	235	456	56	25,390	10,978	2,268	227	1,666	507	187	56	15,889	41,293
	Resto (ha)	15,461	5,347	60	1	90	-	-	-	5,498	3,783	60	-	-	-	-	-	3,843	6,164
	Earth Canal (km)	-	238.63	8.47	-	-	1.15	2.83	25.47	276.55	290.55	-	-	-	-	-	0.05	290.60	487.16
	Canal Lining (km)	9.75	185.26	118.97	12.76	1.08	1.30	0.60	11.99	331.97	232.44	35.82	12.79	0.41	0.85	4.05	37.41	323.76	672.61
	Canal Structures (Unit)	46.00	287.00	520.00	38.00	37.00	25.00	27.00	10.00	944.00	511.00	192.00	52.00	47.00	-	39.00	10.00	851.00	1,859.00
	HDPE (km)	-	8.88	2.35	-	-	-	-	-	11.23	10.48	1.06	-	-	-	-	-	11.54	10.91
	COCONET (sq. m.)	-	-	-	-	-	1,240	-	-	1,240	-	8	-	-	1,240	-	-	1,248	84,833
	Concrete Road (km.)	-	81.81	12.96	-	-	-	-	-	94.77	95.47	1.10	3.22	-	-	-	-	99.79	102.33
	Gravel Road (km)	2.46	185.67	64.65	36.09	-	3.00	-	-	289.41	245.88	32.50	27.81	-	3.00	-	-	309.19	380.43
II. CONTINUING APPROPRIATIONS (CARRY-OVER FROM CY 2015 to CY 2020)																			
FOREIGN ASSISTED PROJECTS	New	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Resto (ha)	10,000	-	-	-	2,350	400	1,974	444	5,168	-	-	-	1,641	38	-	-	1,679	3,162
	Earth Canal (km)	18.00	-	-	-	-	-	-	42.84	42.84	-	-	-	-	-	-	-	-	-
	Canal Lining (km)	78.30	-	-	-	-	0.64	13.03	104.36	118.02	-	-	-	-	-	-	13.98	13.98	44.10
	Canal Structures (Unit)	177	-	-	-	-	-	35	206	241	-	-	-	-	-	-	18	18	95
LOCALLY FUNDED PROJECTS	New (ha)	87,553	-	13,159	5,771	1,968	1,351	2,479	1,808	26,536	-	9,258	4,089	1,233	28	864	1,619	17,092	145,635
	Resto (ha)	2,508	-	5,291	348	261	81	1,096	659	7,736	-	4,634	348	56	36	150	66	5,290	83,411
	Earth Canal (km)	-	-	115.83	31.39	44.69	19.50	-	84.73	296.14	-	92.39	18.85	7.50	3.02	-	14.62	136.38	2,845.32
	Canal Lining (km)	19.84	-	569.88	129.57	197.55	870.49	111.68	334.04	2,202.63	-	291.20	88.15	27.72	24.63	37.77	47.54	506.43	7,695.80
	Canal Structures (Unit)	64	-	2,219	505	1,100	394	341	568	5,096	-	1,779	312	273	102	67	42	2,544	29,214
	HDPE (km)	-	-	35.63	18.64	24.04	3.06	4.37	-	85.74	-	29.43	15.67	0.27	-	0.90	-	46.27	849.83
	COCONET (sqm)	-	-	17,671	100	19,172	6,890	173,980	-	217,813	-	17,772	100	7,975	4,000	110,475	-	140,322	1,808,433
	Concrete Road (km)	-	-	5.49	6.68	4.09	35.79	-	-	52.05	-	6.10	4.66	-	-	-	-	10.77	215.78
	Gravel Road (km)	-	-	132.08	42.21	43.06	8.79	11.44	77.20	314.77	-	110.35	53.08	3.54	0.40	0.06	-	167.43	1,008.01
TOTAL FOR CONTINUING APPROPRIATIONS	New (ha)	87,553	-	13,159	5,771	1,968	1,351	2,479	1,808	26,536	-	9,258	4,089	1,233	28	864	1,619	17,092	145,635
	Resto (ha)	12,508	-	5,291	348	2,611	481	3,070	1,103	12,904	-	4,634	348	1,697	74	150	66	6,969	86,573
	Earth Canal (km)	18.00	-	115.83	31.39	44.69	19.50	-	127.58	338.98	-	92.39	18.85	7.50	3.02	-	14.62	136.38	2,845.32
	Canal Lining (km)	98.14	-	569.88	129.57	197.55	871.13	124.71	438.40	2,320.65	-	291.20	88.15	27.72	24.63	37.77	61.52	520.40	7,739.89
	Canal Structures (Unit)	241	-	2,219	505	1,100	394	376	774	5,337	-	1,779	312	273	102	67	60	2,562	29,309
	HDPE (km)	-	-	35.63	18.64	24.04	3.06	4.37	-	85.74	-	29.43	15.67	0.27	-	0.90	-	46.27	849.83
	COCONET (sqm)	-	-	17,671	100	19,172	6,890	173,980	-	217,813	-	17,772	100	7,975	4,000	110,475	-	140,322	1,808,433
	Concrete Road (km)	-	-	5.49	6.68	4.09	35.79	-	-	52.05	-	6.10	4.66	-	-	-	-	10.77	215.78
	Gravel Road (km)	-	-	132.08	42.21	43.06	8.79	11.44	77.20	314.77	-	110.35	53.08	3.54	0.40	0.06	-	167.43	1,008.01
TOTAL FOR NIA IRRIGATION DEVELOPMENT PROGRAM	New (ha)	269,321	19,639	16,079	5,942	3,881	1,586	2,935	1,864	51,926	10,978	11,526	4,316	2,899	535	1,051	1,675	32,980	186,929
	Resto (ha)	27,969	5,347	5,352	349	2,701	481	3,070	1,103	18,402	3,783	4,694	348	1,697	74	150	66	10,812	92,737
	Earth Canal (km)	18.00	238.63	124.30	31.39	44.69	20.66	2.83	153.05	615.53	290.55	92.39	18.85	7.50	3.02	-	14.67	426.98	3,332.48
	Canal Lining (km)	107.89	185.26	688.85	142.33	198.63	872.43	125.31	450.39	2,652.62	232.44	327.01	100.94	28.13	25.48	41.82	98.93	844.16	8,412.50
	Canal Structures (Unit)	287	287	2,739	543	1,137	419	403	784	6,281	511	1,971	364	320	102	106	70	3,413	31,168
	HDPE (km)	-	8.88	37.98	18.64	24.04	3.06	4.37	-	96.97	10.48	30.49	15.67	0.27	-	0.90	-	57.81	860.74
	COCONET (sqm)	-	-	17,671	100	19,172	8,130	173,980	-	219,053	-	17,780	100	7,975	5,240	110,475	-	141,570	1,893,266
	Concrete Road (km)	-	81.81	18.45	6.68	4.09	35.79	-	-	146.82	95.47	7.21	7.88	-	-	-	-	110.56	318.11
	Gravel Road (km)	2.46	185.67	196.72	78.30	43.06	11.79	11.44	77.20	604.18	245.88	142.84	80.89	3.54	3.40	0.06	-	476.62	1,388.44



Republika ng Pilipinas
National Irrigation Administration
(Pambansang Pangasiwaan ng Patubig)
Lungsod ng Quezon

Table 2

SUMMARY OF FINANCIAL STATUS OF IRRIGATION PROJECTS
FY 2021 IRRIGATION PROGRAM (GAA - R.A. No. 11640)
January 1 - December 31, 2021
(All Amount in Thousand Pesos)

PARTICULARS	CY 2021 IRRIGATION PROGRAM						CARRY-OVER FUNDS				REGULAR CY 2021 PROGRAM & CARRY-OVER FUNDS			
	CY 2021 PROGRAM	Allotment Received	NBC 580	Net of SARO	NCA Received	Obligation	Unobligated Allotment as of Dec. 2020	Allotment Received	NCA Received	Obligation	Total CY 2021 Program	Total Available Allotment	NCA Received	Obligation
	(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)	(9=1+5+6)	(10=2+5+6)	(11=3+7)	(12=4+8)
PROGRAMS														
TOTAL GENERAL ADMINISTRATION AND SUPPORT	11,188,899	11,188,899	(232,895)	10,956,004	6,394,386	8,477,703	1,573,055	(452)	116,546	1,567,585	12,761,502	12,528,607	6,510,932	10,045,289
TOTAL SUPPORT TO OPERATIONS	1,043,239	1,043,239	-	1,043,239	211,336	589,605	431,674	161,458	662,554	394,725	1,636,371	1,636,371	873,890	984,330
OPERATIONS														
PROGRAM 1: Irrigation Systems Restoration Program	6,452,945	6,452,945	-	6,452,945	4,741,681	6,269,528	5,663	-	120,714	5,663	6,458,608	6,458,608	4,862,396	6,275,192
Sub-Program 1: National Irrigation Systems (NIS)	6,247,321	6,247,321	-	6,247,321	4,618,694	6,070,917	5,663	-	120,714	5,663	6,252,984	6,252,984	4,739,409	6,076,581
Sub-Program 2: Communal Irrigation Systems (CIS)	15,730	15,730	-	15,730	3,261	10,964	-	-	-	-	15,730	15,730	3,261	10,964
Sub-Program 3: Other Irrigation Systems	189,894	189,894	-	189,894	119,726	187,647	-	-	-	-	189,894	189,894	119,726	187,647
PROGRAM 2: Irrigation Systems Development Program	12,973,756	12,973,756	-	12,973,756	5,609,632	11,209,694	1,115,407	(272,444)	3,124,375	959,373	13,816,719	13,816,719	8,734,007	12,169,067
Sub-Program 1: New National Irrigation Systems	5,068,636	5,068,636	-	5,068,636	1,812,147	4,186,514	584,206	(264,407)	1,583,098	528,182	5,388,436	5,388,436	3,395,245	4,714,696
Sub-Program 2: Establishment of Pump Irrigation Systems	2,201,782	2,201,782	-	2,201,782	978,045	1,706,257	41,862	-	1,125,790	41,862	2,243,644	2,243,644	2,103,835	1,748,119
Sub-Program 3: Small Reservoir Irrigation Systems	1,074,380	1,074,380	-	1,074,380	150,158	935,486	489,339	(8,037)	415,486	389,330	1,555,681	1,555,681	565,645	1,324,816
Sub-Program 4: Special Irrigation Systems	3,560,996	3,560,996	-	3,560,996	1,806,958	3,357,312	-	-	-	-	3,560,996	3,560,996	1,806,958	3,357,312
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems	466,962	466,962	-	466,962	333,443	431,316	-	-	-	-	466,962	466,962	333,443	431,316
Sub-Program 6: Other Irrigation Systems	601,000	601,000	-	601,000	528,881	592,807	-	-	-	-	601,000	601,000	528,881	592,807
TOTAL FOR OPERATIONS	19,426,701	19,426,701	-	19,426,701	10,351,314	17,479,222	1,121,070	(272,444)	3,245,089	965,037	20,275,327	20,275,327	13,596,403	18,444,259
SUB-TOTAL FOR FY 2021 PROGRAM	31,658,839	31,658,839	(232,895)	31,425,944	16,957,036	26,546,530	3,125,799	(111,437)	4,024,189	2,927,347	34,673,201	34,440,306	20,981,225	29,473,878
SUB-TOTAL FOR OTHER SOURCES	-	456,839	-	456,839	186,299	432,450	-	180,857	180,857	177,297	180,857	637,696	367,156	609,747
TOTAL FOR FY 2021 PROGRAM	31,658,839	32,115,678	(232,895)	31,882,783	17,143,335	26,978,980	3,125,799	69,420	4,205,046	3,104,645	34,854,058	35,078,002	21,348,381	30,083,625
II. CONTINUING APPROPRIATIONS														
TOTAL FOR CONTINUING APPROPRIATIONS	-	-	-	-	-	-	778,934	(101,606)	5,857,449	764,864	677,328	677,328	5,857,449	764,864
TOTAL FOR OTHER SOURCES	-	-	-	-	-	-	131,600	333,576	589,472	463,550	465,175	465,175	589,472	463,550
TOTAL FOR CONTINUING APPROPRIATIONS	-	-	-	-	-	-	910,534	231,969	6,446,921	1,228,414	1,142,504	1,142,504	6,446,921	1,228,414
GRAND TOTAL FOR CY 2019 IRRIGATION PROGRAM	31,658,839	32,115,678	(232,895)	31,882,783	17,143,335	26,978,980	4,036,334	301,389	10,651,967	4,333,059	35,996,562	36,220,506	27,795,302	31,312,039

NOTE:

CARRY-OVER FUNDS includes balances from CY 2020 Regular Appropriations
Unaudited Financial Status as of December 31, 2021

**A. PLANNING AND
DEVELOPMENT OF
IRRIGATION PROJECTS**

I. Project Preparation

Irrigation development depends on the sustainability of project preparation which includes the conduct of feasibility study and detailed engineering study prior to construction or project implementation. In line with these activities, funds for Feasibility Study and Detailed Engineering (FS&DE) are programmed annually.

For CY2021, the total budgetary allocation of ₱ 776.912 Million programmed to support project preparation particularly the conduct of feasibility study and detailed engineering study for Small Irrigation Projects (SIPs), Small Reservoir Irrigation Projects (SRIPs), and National Irrigation Projects (NIPs)– Multipurpose Projects and Pump Irrigation Projects.

There are 6 projects completed for feasibility study as of December 31, 2021. Most ongoing FS&DE are SRIPs and NIPs that require more than a year to complete the studies. (Annex D).

NIA Flagship Infrastructure Projects

NIA remains at the forefront of the Administration's objective in accelerating infrastructure development and inclusive development in the countryside. In pursuing these objectives, nine (9) major projects are included in the list of Flagship Infrastructure Projects namely (1) Chico River Pump Irrigation Project; (2) Jalaur River Multipurpose Project Stage II; (3) Lower Agno River Irrigation System Improvement Project; (4) Balog-Balog Multipurpose Project Phase II; (5) Malitubog-Maridagao Irrigation Project Stage II; (6) National Irrigation Sector Rehabilitation and Improvement Project; (7) Bohol Northeast Basin Multipurpose

Dam Project; (8) Panay River Basin Integrated Development Project; and (9) Kabulnan 2 Multipurpose Irrigation Project.

II. Project Implementation

A. Foreign-Assisted Projects (FAPs)

Under the CY2021 Irrigation Program as per GAA - R.A. No. 11640, NIA implemented 2 continuing FAPs and one(1) from previous years allocation. These are the (1) Chico River Pump Irrigation Project; (2) Jalaur River Multipurpose Project Stage II in Iloilo; and (3) National Irrigation Sector Rehabilitation and Improvement Project (covering Regions 1, 3, 4-A, 4-B, 6, 10, 11, 12 and 13).

1. Chico River Pump Irrigation Project

The Chico River Pump Irrigation Project (CRPIP) is a flagship infrastructure project financed by China under the Duterte Administration's "Build Build Build" Program. The project aims to provide substantial and timely water supply for irrigation to support agricultural development. It covers the municipality of Pinukpuk, Kalinga in the Cordillera Administrative Region (CAR) and the Municipalities of Tuao & Piat of Cagayan Province, Region 02 with a total service area of 8,700 hectares.

Major components of the project consist of the Construction of Pump House with Six (6) units electric driven motor pumps and appurtenances, such as 30 km Transmission Line and 69 kV Substation, Construction of 4.403 km Diversion Main Canal (2.93 km Open Canal, 1.91 km Tunnel), Construction of 33.60 km Main Canal, 100.06 km Lateral Canals, Construction of 518 units Canal Structures and terminal Facilities (501 assy Steel Slide Gates), Project Facilities and Access Road.

PLANNING AND DEVELOPMENT OF IRRIGATION PROJECTS

The project has an original project cost of ₱ 4.372 Billion and was revised to ₱ 4.497 Billion due to the inclusion of the amount used in the early stage of the project which includes the initial fund for the Pre-Construction Activities amounting to ₱ 50.00 Million and the fund used in the payment of Right-of-Way & Crop Damages amounting to ₱ 74.174 Million. Part of the project cost amounting to ₱ 3.135 Billion is a Loan Grant from the People's Republic of China thru the China Export Import Bank and ₱ 1.362 Billion is a GOP Counterpart. It is a multi-year project originally scheduled for three (3) years of implementation starting September 7, 2018 to September 6, 2021. However, due to the effect of Covid-19 Pandemic and Unfavorable Weather Conditions prevailed in the project which undeniably slumped the progress of project implementation, an extension of Sixteen (16) months or 481 Calendar Days was approved moving the project target completion date to December 31, 2022.

Based on the actual ASA releases, a total of ₱ 3,823,470,831.11 was released to the project as of CY2021 broken down as follows:

Calendar Year	Amount (P)
2017	50,000,000.00
2018	200,000,000.00
2019	937,553,797.00
2020	1,462,599,687.48
2021	1,173,317,346.63
Total	3,823,470,831.11

The project has a remaining balance of ₱ 673.60 Million for CY 2022 Program under the Loan Proceed of the project. The said remaining balance will be allocated for the completion of the remaining works of the Commercial Contract.

As of December 31, 2021, the Project Overall Physical Accomplishment is 82.88% compared to the target accomplishment of 75.08%, ahead of schedule of 7.8% based on December 31, 2022 completion date. The remaining works under the General Contract of the project is expected to complete on June 30, 2022.

2. Jalaur River Multipurpose Project Stage II (JRMP-II)

Jalaur River Multipurpose Project Stage-II is the NIA's Flagship project in Western Visayas and it is also the first large-scale water reservoir to be constructed in Visayas and Mindanao Regions.

The Project will construct three dams in the Municipality of Calinog. These are the 109-meter Jalaur High Dam and 38-meter Jalaur Afterbay Dam across the Jalaur River and a catch-dam across the Alibunan River. The Dams will be constructed using Roller-Compacted Concrete (RCC), the first of its kind in NIA's long history. The project also includes the construction of an 80-kilometer high line canal. Traversing through nine (9) municipalities in the Province of Iloilo, the high line canal will convey water from the dams to the farm lots.

Original overall project cost amounting to ₱ 11,212.14 M broken down into Loan Proceeds amounting to ₱ 8.950 B and GOP counterpart amounting to ₱ 2.261 B. The project primarily aims to increase economic growth and improve irrigation services while strengthening the institutional capacities of NIA and other stakeholder. The project will benefit the 18,782 families out of the 22,340 hectares service area upon completion of the project.

Implemented under Daewoo E&C, known to have built two major hydropower dams abroad. These are Pakistan's Patrind Hydropower Project and Laos' Houay Ho Dam.

As of December 2021, overall physical accomplishment is 44.50% based on approved original project cost of P11,212.14 M. Accomplishment involves the Alibunan Catch Dam (67.44%), Access Roads (44.85%), Highline Canal (31.43%), Afterbay Dam (22.67%) and High Dam (16.44%). This drastic accomplishment is staying true to the slogan of "Its Possible" of Daewoo E&C despite the covid19 challenges.

3. National Irrigation Sector Rehabilitation and Improvement Project

National Irrigation Administration committed to repair eleven (11) irrigation system under the National Irrigation Sector Rehabilitation and Improvement Project (NISRIP). It is funded by the Japan International Cooperation Agency (JICA) under Loan Agreement No PH-254 amounting to 6.187B Yen to support the Philippine government effort to achieve rice sufficiency. Original total project cost from P4.007 B to P 3.134 B with reallocation of funds to the unavailable balance category amounting to 586.5 M Japanese Yen.

The project extension implementation period for civil works contracts and activities from the originally approved period of February 2012 – June 30, 2019 to February 2012 – June 30, 2021. Loan Validity extension from July 3, 2021 to December 31, 2021 was approved by the NIA Board last December 17, 2020 and on June 25, 2021, the NEDA ICC-CabCom approved Ad Referendum of NIA.

NISRIP is envisioned to restore 10,606 hectares and to rehabilitate 23,610 hectares with total service area of 34,216 hectares thus to increase rice productivity and to

PLANNING AND DEVELOPMENT OF IRRIGATION PROJECTS

establish sustainable O&M system through 1) Rehabilitation and Improvement of irrigation facilities, 2) Strengthening of Irrigators Associations and provision of IA support facilities as well as O&M equipment and 3) Agricultural support services by PhilRice.

For the last year of project implementation, the project accomplished the following:

Completed Projects: Sta. Barbara, Mal, Malatgao, Dumacaa, San Fabian, Porac-Gumain, Madongan, Solsona and Muleta.

B. Locally-Funded Projects (LFPs)

Some 65 LFPs were implemented under the CY2021 Program. Total approved allocation for these projects was ₱ 28.438 B—equivalent to 89.83 percent of the approved budget for NIA. Allotment through Agency Budget Matrix (ABM) was ₱ 28.438 B or 100 percent of the allocation. Adding the ₱ 3.257 B unobligated balance from previous year's allotment and from other sources, this year's available allotment was ₱ 31.694 B and total obligation incurred was ₱ 27.560 B.

Physical targets of these projects under the CY2021 Program were: generation of 18,639 ha of new area, restoration of 5,347 ha, repair of 238.63 km earth canal, 185.26 km concrete lined canal, 8.8 km HDPE, 81.81 km concrete road, 185.67 km gravel road and 287 unit of canal structures.

Physical accomplishments under the CY2021 Program were: 10,978 ha new area generated, 3,783 ha of area restored and repair of 290.55 km earth canal, 232.44 km of canal lining, 10.48 km HDPE, 95.47 km concrete road, 245.88 km gravel road and 511 unit of canal structures. Carry-over projects generated 4,911 ha new area, restore 60 ha and

PLANNING AND DEVELOPMENT OF IRRIGATION PROJECTS

repair 0.05 km earth canal, 91.32 km of canal lining, 4.32 km concrete road, 63.31 km gravel road and 340 unit of canal structures.

Small Reservoir Irrigation Projects (SRIP)

SRIPs are multi-oriented projects that require the identification, investigation, validation, feasibility studies, detailed design and construction of a Reservoir Dams and appurtenant structures to provide a year-round irrigation. Other benefits derived from completed SRIPs include flood control, aquaculture, hydropower, domestic water supply and recreational facilities for local tourism.

For CY2021, an amount of ₱ 1.074 B is allotted to SRIP for the implementation of seventeen (17) projects nationwide as follows.

NAME OF PROJECT		CY2021 ALLOCATION (P'M)	Overall Status (%)
1	Marimay SRIP, CAR	20,000	66.02
2	Bayaoas SRIP, Region 1	10.000	6.93
3	Dumuloc SRIP, Region 1	150.000	3.72
4	Gaco SRIP, Region 1	50.000	25.79
5	Sulvec SRIP, Reg. 1	69.130	72.59
6	Bulo SRIP, Region 3	15.000	97.01
7	Balbalungao SRIP, Region 3 UPRIIS	280.000	55.90
8	Macalelon SRIP, Region 4A	100.000	61.24
9	Ibato-Iraan SRIP	50,000	69.27
10	Ibingan SRIP, Region 5	20.250	80.78
11	Bayuyan SRIP, Region 6	100.000	23.32
12	Benliw SRIP, Region 7	22.500	86.02
13	Cabano SRIP, Region 6	50.000	3.39
14	Hibale SRIP, Region 7	5.000	32.27
15	Bonot-Bonot SRIP, Region 7	22.500	69.31
16	Calunasan SRIP, Region 7	100.000	50.61
17	Tulunan SRIP, Region 12	10.000	24.67
TOTAL		1,074.380	

Comprehensive Agrarian Reform Program (CARP) Regular- Locally funded projects

There are sixty-one (61) projects implemented this CY2021, with a target area of 1,399 ha new area and 556 ha for restoration to benefit around 2,535 farmer beneficiaries. There were thirty-six (36) projects completed with generated new area of 915 ha and 322 ha of restored area. Repair works dwelt on 1.02 km of canal lining. The remaining twenty-five (25) projects are expected for completion on or before June 30, 2021.

Twenty-four (24) carry-over projects were completed as of December 31, 2021 with an area of 569 ha new and 460 ha restored.

For CY2021, the approved allocation was ₱ 601 M, with incurred obligation of ₱ 592.807 M and unobligated balance from previous years allocation of ₱ 9.753 M.

C. Continuing Appropriations

Other than the projects implemented under the CY2021 Program, 100 carry-over projects were pursued. Unobligated balances made available during the year under review were used in the implementation of these carry-over projects. These projects generated 17,092 ha new area, restore 6,969 ha and repair 136.38 km earth canal, 520.40 km of canal lining, 140,322 sq. m. coconet slope protection area, 46.27 km HDPE, 10.77 km concrete road, 167.43 km gravel road and 2,562 unit of canal structures. (Table 1)

III. Irrigation Development

The total service area developed as of December 31, 2021 was 2,042,392.66 ha equivalent to 65.28 percent of the irrigable area of 3,128,631 ha. Of this area, 955,653.79 ha are under NIS, 737,402.32 ha in CIS and 180,501.21 ha in private irrigation systems and 168,835.34 ha in other government agency assisted. The remaining irrigable area for development is 1,114,259.19 ha, which comprises those rice and corn lands with up to 3 percent slope. (Annex E)

**B. OPERATIONS
AND
MAINTENANCE OF
IRRIGATION SYSTEMS**

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

I. System Management

a. National Irrigation Systems (NISs)

NIA operated and maintained 256 National Irrigation Systems (NISs) nationwide with an aggregate service area of 901,406 ha and a firm-up service area (FUSA) of 816,003 ha.

For this crop year the irrigation-programmed service area is 1,422,347 ha. Irrigated area was 739,260 ha during the dry season 2020 (November 2020 to April 2021), 723,672 ha during the wet season 2021 (May 2021 to October 2021), and 35,863 ha for the third crop 2021 – equivalent to a total of 1,462,932 ha (103% of the irrigation-programmed service area). Cropping intensity achieved was 179.28 percent based on the FUSA (Annex F).

b. Communal Irrigation Systems (CISs)

There are 9,704 communal irrigation systems (CISs) at the beginning of the year with an aggregate service area of 703,918 ha and a FUSA of 620,502 ha. In Crop Year 2020-2021, total irrigated area in the CISs was 973,167 ha—equivalent to a cropping intensity of 153.60 based on FUSA (Annex G).

II. Institutional Development

For CY2021, there are 2,406 IAs covering an area of 434,114 hectares with farmer beneficiaries of 252,729 strengthened. IA strengthening is being done to uplift the performance of IAs. Necessary capability building programs in relation to operation and maintenance aspect of irrigation system as well as leadership and management of IAs affair were conducted. Likewise, these IAs were provided skills by having them attend a strategic planning and policy formulation where IA officers and leaders prepare their Vision, Mission

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

and Objective, programs and projects and formulate some policy in consonance with their VMO and projects.

The number of IAs sustained was 2,990 covering an area of 699,201.16 ha with 506,457 farmer beneficiaries. Activities provided for the sustenance of these IAs includes Review and Planning Sessions, Technology Enhancement Program for the officers and leaders to cope up to the present needs of their members and IAs to other Government Agencies and NGOs that provide agricultural support through linkages and assistance program.

A total of 8,827 IAs and 119,525 participants were provided with capacity building programs in the form of trainings, seminars, workshops, consultation meetings and other activities to enhance their management capabilities. Training provided includes, Modified Formal/Conventional Training Mode, Supervisor Modular Learning Mode, Internet-Based Learning Mode and Tutorial, Instructional, Techo Mode and other applicable modes in the area.

Furthermore, 2,274 batches of capacity building programs were conducted, benefiting 45,697 NIA staff. Capacity building focused on enhancing the skills, knowledge and right attitude of participants in supervising, monitoring and managing the implementation of IDP and the conduct of trainings to IAs. These are more in the form of facilitators and/or trainers training.

NIA also facilitated the provision of assistance programs and support services aside from its internal resources through linkages with other government and non-government organizations (NGO). Hence, 9,546 IAs with 89,309 FBs received numerous benefits from these programs and services.

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

As of December 31, 2021, there are already 11,141 IAs organized covering an area of 1,615,151 hectares with 1,290,299 farmer beneficiaries wherein 1,126,018 of these farmer applied for membership to their respective IAs either in the national or in communal system. Out of the 11,141 organized IAs, 10,553 were registered to the government which is about 94.72%. There are 8,899 IAs entered into O&M contract with the NIA wherein 2,969 are from NIS and 778 from NIP/SIS/SRIS. Presently 6,073 CIS had been turnover to organized farmers of the same number covering an area of 542,752 hectares with farmer beneficiaries of 462,868.

The Enhanced Partnership against Hunger and Poverty (EPAHP) is a collaborative government initiative designed to mitigate hunger, promote food security, and reduce poverty by 2030. It involves a partnership with various government agencies and private institutions in agricultural product sourcing from agrarian reform beneficiaries and irrigators associations. (See Annex H)

III. Equipment Management

NIA maintained in operating condition 3,375 units of equipment (A1+A2) of heavy, light/transport, other support and special equipment in support to the O&M and/or rehabilitation of National Irrigation Systems (NIS) and construction of both national and communal irrigation projects. The total number of A3 equipment or non-operable equipment needing repair is 640 units and the total number of equipment recommended for disposal is 1,227 units. The overall total inventory of equipment as of December 31, 2021 was 5,242 units (See Annex I).

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

Equipment Management Information System (EMIS) is a tool for the inventory of all NIA Equipment Nationwide. It is updated based on the latest actual inventory and EM-12B reports submitted by field offices every quarter.

NIA have generated an income amounting to ₱ 381.871 M from the equipment rental for CY2021.

For CY2021, NIA have repaired a total of 1,126 units of O&M Equipment with repair expenses amounting to ₱ 108.373 M from the Equipment Repair Fund per MC No. 50 series of 2012.

IV. Irrigation Engineering Center (IEC)

The Irrigation Engineering Center (IEC) activities in CY 2021 include implementation of the Farmland Geographic Information System (FGIS) in National Irrigation Systems, monitoring of Climate Change Adaptation Works and Coconet Slope Protection, crafting of procedural interventions, conduct of technical training and the processing of reactivation of IEC Soils and Water Laboratory intended for research purposes, water quality monitoring and soil and materials testing.

Establishment of Farmland Geographic Information System (eFGIS)

The eFGIS aims to upgrade the existing parcellary maps of NIA rectifying all discrepancies of NIA records using enhanced version of Farmland GIS. The GIS database has a large amount of reliable data and information which can be utilized as an analytical tool for decision making such as ISF Record, Water Apportioning / Water Delivery and Distribution (WDD), Asset Management, Devastation / Disaster Assessment, Hazard Map, Diversified Crops, Indigenous People and Project Monitoring.

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

Status of FGIS as of 31 December 2021

Project Year		Coverage		CY 2021 Accomplishment as of 31 December 2021			
		System (No.)	Service Area (Has)	Physical		Financial	
				Target	Actual	Target	Actual
2018	Contract	62	126,006.85	100.00	100.00	100.00	100.00
	Force Account			100.00	100.00	100.00	99.27
	Overall			100.00	100.00	100.00	99.74
2020	Contract	27	142,138.83	100.00	100.00	100.00	100.00
	Force Account			100.00	99.15	100.00	97.39
	Overall			100.00	99.63	100.00	98.88
2021	Contract	42	134,767.74	100.00	100.00	100.00	100.00
	Force Account			100.00	70.29	100.00	62.20
	Overall			89.68	86.56	88.45	69.89
GRAND TOTAL		131	402,913.42				

The total area covered in CY 2018, CY 2020, and CY 2021 Farmland Geographic Information System is 402,913.42 hectares in 131 National Irrigation Systems (NISs). The scope of the CY 2018 FGIS includes digitization of parcellary maps, farmland database development and enhancement, conduct of training/workshop for the developed software, and procurement of IT and surveying equipment. The physical and financial target for the CY 2018 FGIS Contract and Force Account Works were attained covering a total area of 126,006.85 hectares in 62 NISs.

The CY 2020 FGIS has covered 27 NISs with a total area of 142,138.63 hectares and an allocation of ₱ 87.175 M. The contract works, which involved parcellary mapping and farmland dataset development, have been 100.00% completed while the remaining 0.87% of the activities to be undertaken under Force Account Works area mostly validation of the final output. Overall, the CY 2020 FGIS is 99.63% completed with 98.88% financial accomplishment.

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

The CY 2021, the IEC has programmed the establishment of FGIS in 42 NISs covering 134,767.74 ha. Both the Contract and Force Account Works, which include data gathering and procurement of surveying equipment, are ongoing with an overall physical and financial accomplishment of 86.56% and 69.89% respectively.

The Operations Department thru the Irrigation Engineering Center have acquired three (3) units of surveying equipment for land and water.

Land: Real Time Kinematic Positioning (RTK) application of surveying to correct common error in current satellite navigation (GNSS) systems.

AIR: Falcon 8 – rotary wing unmanned aerial vehicle designed for survey mapping, inspection and monitoring.

WATER: iBoat BS3 USV (Hi-Target surveying instrument) – a swift and intelligent surveying unmanned surfaced vehicle which offers measurement range from 0.15m to 300m. its side scan sonar system provides clearer view to help map, detect and image objects in the water bottom.

Climate Change Adaptation Works (CCAW)

The Operations Department, thru the Irrigation Engineering Center has been monitoring activities under Climate Change Adaptation Works for almost 9 years. This include the review of Program of Works, budget preparation and facilitation of release of Advice of Sub-Allotment (ASA) to RIOs.

For CY 2021, the CCAW has as approved budget of ₱ 1.1B and was implemented in 169 National Irrigation Systems. Out of 169 projects, only 105 projects are completed and 46 are

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

ongoing while the remaining 18 projects are for bidding. As of 31 December 2021, the physical and financial accomplishment is 81.68% and 53.89%, respectively.

Furthermore, Memorandum Circular No. 72 s. 2021 with the subject Eligible Activities under Climate Change Adaptation works was circularized to clarify the activities under CCAW.

1. Slope/Diversion Protection Works (Dam).
2. Procurement, Supply, Installation and Automation of Control/Steel Gates and Sluice Gates.
3. Watershed Management
4. Establishment of SMS Telemetered Rainfall/River Gauges and Water Level Sensors.
5. Establishment of Rain Collector/Harvester.
6. Establishment of Solar/Renewable Energy Powered Irrigation Pumps.
7. Establishment of Solar Powered Fertigation Systems.
8. Establishment/Rehabilitation of Dam Information System, Flood Forecasting and Warning Systems.

Diversified Cropping

Crop Diversification Strategy was adopted through issuance of Memorandum Circular No. 63 s. 2019, to promote and improve agricultural development while adopting to climate change. It includes planting of vegetables, some fruit bearing trees, Cash Crop and intercrops after rice/main crop.

The total Firmed-up Service Area allocated for National Irrigation Systems and Communal Irrigation Systems are 801,898.55 ha and 608,518.28 ha respectively. As of December 31, 2021, the total area planted with Diversified Crops for NIS during wet season is 13,597.65 ha with 8,719 farmer beneficiaries while 28,660.32 ha with 45,020 farmer beneficiaries during dry season. However, for CIS, the total area planted during wet season is 24,708.78 ha with 18,298 farmer beneficiaries while 31,108.42 ha with 44,261 farmer beneficiaries during dry

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

season. The crops planted in all both NIS and CIS area are corn, mung bean, watermelon, eggplant, sweet potato, okra, string beans, squash and ampalaya.

Moreover, with the intension to include in report the target/programmed area in ha for every NIS/CIS to be planted or being planted with Diversified Crops, submission of monthly diversified cropping report was implemented through the issuance of Memorandum Circular No. 63 s. 2019.

Aquaculture

Aquaculture had been proposed as an additional solution for Food Sufficiency in the country. Ass of Decenber 31, 2021, the Term of Reference and Policy Guidelines had been approved. Also, the total allotted area (1,518.76 ha or 15,187,586.83 squre meters) for Aquaculture was submitted by Field Offices.

OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS

Reactivation of the Chemical Laboratory

Regulatory Body	Requirement	Status
Professional Regulation Commission (PRC) – Board of Chemistry	Certificate of Authority to Operate a Chemical Laboratory (CATO)	- A provisional certificate from PRC was obtained - Safety Manual and Standard Operating Procedure - Drafted the Implementing Rules and Regulation on Magna Carta Benefits with ongoing review of the NIA Agency Screening Committee
Philippine Nuclear Research Institute (PNRI)	Radiation Material License	- Radiation Material License renewed - Radiation Safety Program/Manual
Philippine Drug Enforcement Agency (PDEA)	P-6 License	- P-6 License Obtained - Semi-annual reporting of handling of chemicals with timely submission to PDEA
Philippine National Police (PNP)	Permit to Move and Purchase Controlled Chemicals	- Passed inspection from Kamuning Police Station - Passed inspection of Bureau of Fire Protection - Passed 1st inspection of PNP-FEO - Pending final inspection of PNP-EMD upon submission of documentary requirements of the Deputy Administrator for Engineering and Operations
Environmental Management Bureau- Department of Environment and Natural Resources (EMB-DENR)	Environmental Compliance Certificate (ECC) Hazardous Waste Generator ID Pollution Control Officer (PCO) Accreditation	- IEC Chemical Laboratory-concerned documentary requirements - PCO Training - EMB-DENR had interposed no objection to NIA's request to operate while the ECC application is ongoing - Awaiting rehabilitation and upgrading of NIA Sewerage Treatment Plant c/o GSD
Laguna Lake Development Authority (LLDA)	Discharge Clearance and Permit/PCO Accreditation	Pre-requisite are compliance to EMB-DENR requirements

ANNEXES



Republika ng Pilipinas
National Irrigation Administration
 (Pambansang Pangasiwaan ng Patubig)
 Lungsod ng Quezon

FY 2021 APPROVED IRRIGATION PROGRAM (GAA - R.A. No. 11640)

PARTICULARS	Allocation (P'000)	T A R G E T S										
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works							Farmer Beneficiaries (No)	Jobs Generation (No)
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sqm)	Concrete Roads (Km)	Gravel Roads (Km)		
GENERAL ADMINISTRATION AND SUPPORT												
1. Operating Subsidy	7,476,122	-	-	-	-	-	-	-	-	-	-	-
3. Operation and Maintenance of NIS Pump IS	264,976	-	-	-	-	-	-	-	-	-	3,687	105
2. Payment of NIA's Obligation to CE-Casecnan for Water delivery fee	3,447,801	-	-	-	-	-	-	-	-	-	-	-
TOTAL GENERAL ADMINISTRATION AND SUPPORT	11,188,899	-	-	-	-	-	-	-	-	-	3,687	105
SUPPORT TO OPERATIONS												
1. Establishment of Farmland Geographic Information System (G	115,327											
2. Feasibility Study, Detailed Eng'g. & Pre-Eng'g. Activities	776,912											
3. Irrigation Management Transfer Support Services (IMTSS)	141,000										16,916	89
4. Payment for ROW, Completion Works & Unpaid Claims and	10,000											
TOTAL SUPPORT TO OPERATIONS	1,043,239	-	-	-	-	-	-	-	-	-	16,916	89
OPERATIONS												
PROGRAM 1: Irrigation Systems Restoration Program	6,452,945	-	4,332	214.00	169.00	169	2.00	-	80.00	185.00	88,044	46,016
Sub-Program 1: National Irrigation Systems (NIS)	6,247,321		4,332	206.00	166.00	166	-	-	80.00	185.00	84,548	45,236
Sub-Program 2: Communal Irrigation Systems (CIS)	15,730			-	-	-	-	-	-	-	-	-
Sub-Program 3: Other Irrigation Systems	189,894			8.00	3.00	3	2.00	-	-	-	3,496	780
PROGRAM 2: Irrigation Systems Development Program	12,973,756	19,464	1,055	1.00	10.00	10	7.00	-	-	-	26,345	82,478
Sub-Program 1: New National Irrigation Systems	5,068,636	6,007	337	-	-	-	-	-	-	-	9,196	39,047
Sub-Program 2: Establishment of Pump Irrigation Systems	2,201,782	2,282	-	-	-	-	-	-	-	-	1,668	13,241
Sub-Program 3: Small Reservoir Irrigation Systems	1,074,380	42	-	-	-	-	-	-	-	-	1,666	2,852
Sub-Program 4: Special Irrigation Systems	3,560,996	8,194	72	1.00	10.00	10	7.00	-	-	-	9,560	21,434
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems	466,962	1,340	-	-	-	-	-	-	-	-	1,809	2,704
Sub-Program 6: Other Irrigation Systems	601,000	1,599	646	-	-	-	-	-	-	-	2,446	3,200
TOTAL FOR OPERATIONS	19,426,701	19,464	5,387	215.00	179.00	179	9.00	-	80.00	185.00	114,389	128,494
GRAND TOTAL	31,658,839	19,464	5,387	215.00	179.00	179	9.00	-	80.00	185.00	134,992	128,688

PHYSICAL STATUS OF IRRIGATION PROJECTS
FY 2020 IRRIGATION PROGRAM
As of December 31, 2020

As of December 31, 2020																			
CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2021 Program	FY 2021 REVISED TARGETS							FY 2021 ACCOMPLISHMENT							Actual to Date *	Overall Project Status (%)	
			Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program								Total CY 2021
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
I. FY 2021 PROGRAM																			
GENERAL ADMINISTRATION AND SUPPORT																			
1. Operation Subsidy																			
2. Payment of NIA's Obligation to CE-Cascanan for Water delivery																			
3. Operation and Maintenance of NIS Pump IS																			48.79
SUPPORT TO OPERATIONS																			
1. Establishment of Farmland Geographic Information System (GIS)																			47.35
2. Feasibility Study & Detailed Engineering (FSDE) and Pre-Engineering Activities of Various Projects																			16.49
3. Irrigation Management Transfer Support Services (IMTSS)																			34.97
4. Payment for ROW, Completion Works & Unpaid Claims and Damages of Completed Projects																			
OPERATIONS																			
PROGRAM 1: Irrigation Systems Restoration Program																			
Sub-Program 1: National Irrigation Systems																			
1. Climate Change Adaptation Works NIS Nationwide			Canal Structures (Unit)	Annual Program	-					-	4						4.00	4.00	87.42
			Canal Lining (km)		-					-	1.46						1.46	1.46	
2. Improvement of Service Roads in National Irrigation Systems, Nationwide			Concrete Roads (km.)	Annual Program	75.51					75.51	68.25						68.25	68.25	95.58
			Gravel Road (km)		145.46					145.46	141.52						141.52	141.52	
			Canal Structures (Unit)		-					-	1						1	1	
3. Abra River Irrigation System Improvement Project, Abra			Resto (ha)		200					200	84						84	84	78.40
			Canal Lining (km)		3.00					3.00	3.00						3.00	3.00	
			Canal Structures (Unit)		1					1	1						1	1	
4. Angat Maasim RIS Improvement Project, Bulacan			Earth Canal (km)		74.00					74.00	74.00						74.00	74.00	100.00
			Canal Lining (km)		1.50					1.50	1.50						1.50	1.50	
			Concrete Roads (km.)		0.50					0.50	0.50						0.50	0.50	
			Gravel Road (km)		21.00					21.00	21.00						21.00	21.00	
5. Colo Layac Balsik RIS Improvement Project, Bulacan			Earth Canal (km)		2.30					2.30	5.00						5.00	5.00	100.00
			Canal Lining (km)		2.30					2.30	0.60						0.60	0.60	
			Canal Structures (Unit)		3					3	4						4	4	
6. Agos RIS Improvement Project Quezon, Region 4A			Resto (ha)		22					22							-	-	
			Canal Lining (km)		4.66	5.59				10.24		4.54	5.57				10.11	8.41	
			Canal Structures (Unit)	1	27	19				47	28	20					48	-	
			HDPE (km)		2.35					2.35	0.77						0.77		
			Concrete Roads (km.)		0.72					0.72	1.10	3.22					4.32		
			Gravel Road (km)		3.22					3.22							-	-	
7. Lasang RIS Improvement Project Davao del Norte, Region 11			Resto (ha)	4,800	177					177	70						70	703	94.34
			Canal Lining (km)			15.80	1.38		0.85	18.03		15.80	1.38			0.85	18.03	54.18	
			Canal Structures (Unit)							1							1	1	
			COCONET (sq. m.)									8					8	8	
8. Repair of National Irrigation Systems			Resto (ha)		775					775	632						632	632	95.37
			Earth Canal (km)		129.86					129.86	177.02						177.02	177.02	
			Canal Lining (km)		158.93					158.93	149.21						149.21	149.21	
			Canal Structures (Unit)		174					174	163						163	163	
			Concrete Roads (km.)		3.50					3.50	24.47						24.47	24.47	
			Gravel Road (km)		18.80					18.80	29.71						29.71	29.71	
9. Restoration of National Irrigation Systems Nationwide			Resto (ha)	Annual Program	3,158					3,158	2,255						2,255	2,255	91.24
			Canal Lining (km)		0.15					0.15	1.68						1.68	1.68	
			Canal Structures (Unit)		3					3	5						5	5	
			Gravel (km.)		-					-	33.00						33.00	33.00	
Sub-Program 2: Communal Irrigation Systems																			
10. Repair of Communal Irrigation Systems			Annual Program	-															85.08
Sub-Program 3: Other Irrigation Systems																			
11. Repair of Groundwater Pump Irrigation Systems			Earth Canal (km)	Annual Program	8.37					8.37	7.83						7.83	7.83	95.50
			Canal Lining (km)		2.89					2.89	3.84						3.84	3.84	
			HDPE (km)		1.92					1.92	1.92						1.92	1.92	
			Canal Structures (Unit)		19					19	16						16	16	
			Gravel (km.)		-					-	2.00						2.00	2.00	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)		
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021				
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015					
PROGRAM 2: Irrigation Systems Development Program																					
Sub-Program 1: New National Irrigation Systems																					
12. Lower Apayao River Irrigation Project Apayao, CAR	New (ha) Canal Structures (Unit) Gravel Road (km) Canal Lining (km) Concrete Roads (km.)	1,211		15	11 14.55					- 26 14.55 - 12.00		15	11 14.55				- 26 14.55 - -	- 26 14.55 - -	19.31		
13. Ilocos Norte Irrigation Project, Stage 2 Region 1	New (ha)	7,519								-							-	-	1.03		
14. Ilocos Sur Transbasin Project Ilocos Sur, Region 1																			-		
15. Lower Agno RIS Improvement Project Pangasinan, Region 1	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) Gravel (km.)	7,519 1,786	3,714 337	217 60 5.67 36 38.50	0 1 4.09 3 0.36					3,931 398 9.76 39 38.85	2,312 263 4.83 39.50 199 18.06	217 60		4.33			2,529 323 4.83 52.21 272 42.71	5,186 1,711 5 169.50 467 106.99	68.78		
16. Dabubu Irrigation Project Region 2	New									-							-	1,101	100.00		
17. Dibuluan Irrigation Project Isabela, Region 2	New	2,080								-							-	50	90.52		
18. Tumauini River Multipurpose Project Isabela, Region 2	New (ha)	4,585								-							-	-	4.65		
19. Balog-Balog MPIP, Phase II Tarlac, Region 3	New Resto Canal Lining (km) Canal Structures (Unit)	17,890 4,045								- - - -							- - - -	- - - -	50.65		
20. Bayabas Irrigation Project Bulacan, Region3	New Gravel Road (km)	1,565	0.41							0.41	0.31						0.31	0.31	3.39		
21. North Lawis Palongohan Irrigation Project Zambales, Region 3	New Canal Lining (km) Canal Structures (Unit) Concrete Roads (km)	1,464	180	100 6						280 - 6 -	133 3.50 6	100 6					233 3.50 6 2.89	563 18.79 39 2.89	96.42		
22. Upper Gumain River IP Pampanga, Region 3	New Earth Canal (km) Canal Lining (km) Canal Structures (Unit) Concrete Roads (km) Gravel Road (km)	16,750								- - - - -	0.76 1.46 4 0.97						0.76 1.46 4 0.97 -	1 5.47 7 2.45 1.80	3.40		
23. Marikit Irrigation Project Nueva Ecija, Region 3	New Canal Lining (km) Canal Structures (Unit) Gravel Road (km)	280 9.75 45 2.46	110	45 1.45 12		15				155 1.45 27 -		45 1.45 12		15			45 1.45 27 -	114 4.12 27 2.13	93.12		
24. Hilabangan Irrigation Project Iloilo, Region 6	New Canal Lining (km) Canal Structures (Unit)	1,700	300	1,000		700	150			2,150 - -	60	945		600	113		1,718 - -	2,928 0.47 1	70.74		
25. Jalaur River Multipurpose Project - Stage II Iloilo, Region 6	New Resto Earth Canal (km) Canal Lining (km) Canal Structures (Unit) COCONET (sqm) Gravel Road (km)	9,500								- - - - 11 1,240 3.00							- - - - 1,240 3.00	493 120 88.15 1.50 22 84,825 3	45.30		
26. Malogo Irrigation Project Negros Occidental, Region 6	New	4,000	500	500						1,000		500					500	900	28.25		
27. Panay River Basin Integrated Dev't. Project Capiz, Region 6	New	26,800								-							-	-	1.46		
28. Amlan Irrigation Project Negros Oriental, Region 7	New (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	500	25	7						32 - - -	17	7					24 - - -	537 - - -	97.04		

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
29. Bohol Northeast Basin Multipurpose Dam Proj. Bohol, Region 7	New (ha) 12,500								-								-	-	2.07
30. Malinao Dam Improvement Project Bohol, Region 7	Resto 4,740								-								-	180	19.92
31. Sta. Agueda-Datagon Irrigation Project Negros Oriental, Region 7	New (ha) 1,000 Canal Lining (km) Canal Structures (Unit) HDPE (km)	90	21						111 - - -	77	21						98 - - -	1,037 - - -	98.52
32. Tanjay-Bais River Irrigation Project Negros Oriental, Region 7	New (ha) 3,900								-								-	-	5.61
33. Ditsaan-Ramain River IP Lanao del Sur, Region 10 (ARMM)	New (ha) 4,000 Earth Canal (km) Canal Lining (km) Canal Structures (Unit) Gravel Road (km)	865	10 0.65 5	50 1.15 2	119 0.59		0.50 2		1,044 - 2.90 9 1.98	690	10 0.65 5	50 1.15 2	84 0.41		-		834 - 2.22 7 1.98	3,010 - 18.56 11 2.22	79.21
34. Talakag Irrigation Project Phase II Bukidnon, Region 10	New 1,895 Resto Canal Lining (km) Canal Structures (Unit)	43							43 - - -	37							37 - - -	1,885 - 21.03 159	98.12
35. Manat Irrigation Project Compostella Valley, Region 11	New (ha) 1,000								-								-	-	23.44
36. Kabilnan 2 MIPP S.Kudarat, Maguindanao, Region 12	New 19,330 Concrete Roads (km) Gravel Road (km)								- - 18.62								- - 3.16	- - 3.16	0.71
37. Lebak Integrated River Irrigation Project Sultan Kudarat	Canal Lining (km) Canal Structures (Unit)		5.00 10	9.64					5.00 10		3.16						- -	- -	17.75
38. Malitubog-Maridagao Irrigation Project Phase II North Cotabato, Region 12	New 9,784 Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	18	770 8.47 2.56 81	71	159	76 1.15 0.45 25	176 2.83 0.10 15	56 25.47 11.99 10	1,308 37.92 15.59 149		127	34	47	294	122 - - -	56 0.05 37.41 10	680 0.05 37.41 10	8,399 54.46 68.03 186	79.74
39. Upi Integrated Irrigation Project Maguindanao, Region 12	New (ha) 821 Canal Structures (Unit) Gravel Road (km)								- - 0.25		0.25						- - 0.25	- 5 1.65	2.30
40. Bislig City Integrated Dev't Project-IC Surigao del Sur, Region 13	New 1,250 Resto (ha) 90 Canal Lining (km) Canal Structures (Unit) Concrete Roads (km)	1.00	5.30 51		90		60		60 90.00 5.30 51.00 1.00	1.00			-		-		- 3.06 29.00 1.00	1,250 27.87 135 1.00	97.51
41. Libang Irrigation Project Agusan del Sur, Region 13	New (ha) 3,500 Canal Lining (km) Canal Structures (Unit) Gravel Road (km) Concrete Roads (km)		250 14 11.64						250 - 14 11.64 1.00		62 14 9.36						62 - 14 9.36 -	62 - 14 9.36	8.75
42. Bugko Irrigation Project Northern Samar, Region 8	New (ha) 1,010 Canal Lining (km) Canal Structures (Unit)		0.17 4				9		9 0.17 4						5 4.05 38		5 4.05 38	1,006 27.13 184	88.74
43. Lower Sibuguey I RIS Extension Project Zamboanga Sibugay, Region 9	New (ha) 1,400 Resto Canal Lining (km) Canal Structures (Unit) HDPE (km)	180		0.55	22	9	51		240 - 0.55 31		0.30 3 0.30	14	32		-		- 0.30 49 0.30	1,400 - 23.48 82 0.43	99.58
Sub-Program 2: Establishment of Pump Irrigation																			
44. Chico River Pump Irrigation Project Cagayan, Region 2	New (ha) 8,700 Canal Lining (km) Canal Structures (Unit)	1,000	60.00 207						1,000 60.00 207								- - -	- - -	86.79
45. EGPIP-Solar Power-Driven Pump Irrigation Projects	New (ha) Annual Program Resto	1,302 30							1,302 30	704							704	704	74.95
Sub-Program 3: Small Reservoir Irrigation Systems																			
46. Marimay SRIP Apayao, CAR	New (ha) 1,160 Canal Lining (km) Canal Structures (Unit) Gravel Road (km)			2 6.35	935				935 - 2 6.35			143 2 6.35	935	100			1,178 - 2 6.35	1,243 14.85 48 6.35	66.02

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2021 Program	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
			Carryover Program							Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015	CY 2020			CY 2019	CY 2018	CY 2017	CY 2016	CY 2015				
47. Bavaoas SRIP Pangasinan, Region 1	New (ha) 400	42							42								-	-	6.93	
48. Dumuloc SRIP Pangasinan, Region 1	New (ha) 200								-								-	-	3.72	
49. Gaco SRIP Ilocos Sur, Region 1	New (ha) 600								-								-	-	25.79	
50. Sulvec SRIP Ilocos Norte, Region 1	New Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	500		50					50 - - -								- - - -	200 0.60 3.22 4	72.59	
51. Bulo SRIP Bulacan, Region 3	New (ha) Canal Lining (km) Canal Structures (Unit) Concrete Roads (km) Gravel Road (km)	1,000							- 3.07 20 0.24 5.28		- - - - -						- - - - -	- 2.66 11 - -	97.01	
52. Balbalungao SRIP Nueva Ecija, Region 3	New (ha) Canal Lining (km) Canal Structures (Unit)	500							- - -								- - -	535 8.10 67	55.90	
53. Macalelon SRIP Quezon, Region 4A	New (ha) Canal Lining (km) Canal Structures (Unit)	630							- 5.14 21								- - -	- - -	61.24	
54. Ibato-Iraan SRIP Palawan, Region 4B	New Resto Canal Lining (km) Canal Structures (Unit)	860					160		160 - - -	29					60		89 - - -	789 - 2.03 37	69.27	
55. Ibingan SRIP Sorsogon, Region 5	New (ha) Canal Lining (km)	255		7.00					- 7.00								- -	- -	80.78	
56. Bavuyan SRIP Capiz, Region 6	New (ha) Canal Lining (km) Canal Structures (Unit)	120							- - -								- - -	90 - -	23.32	
57. Cabano SRIP Guimaras, Region 6	New (ha) Gravel Road (km)	340							- -								- -	- 1.40	3.39	
58. Benliw SRIP Bohol, Region 7	New (ha) Canal Lining (km)	500	-						- -	30							30 -	340 -	86.02	
59. Bonot-Bonot SRIP Bohol, Region 7	New (ha) Canal Lining (km)	600	-						- -		81						81 -	430 -	69.31	
60. Calunasan SRIP Bohol, Region 7	New (ha) Canal Lining (km)	250	-						- -	5	51						56 -	56 -	50.61	
61. Hibale SRIP Bohol, Region 7	New (ha) Canal Lining (km)	375	-	-					- -	10	102						112 -	112 -	32.27	
62. Tulunan SRIP N.Cotabato, Region 12	New (ha) Canal Lining (km) Canal Structures (Unit) Concrete Roads (km)	1,590		2.50 1					- 2.50 1 -		1.63 9	0.36 1					- 1.99 10 -	- 5.23 18 2.49	24.67	
Sub-Program 4: Special Irrigation																				
63. Balikatan Sagip Patubig Program (BSPP) Nationwide	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km)	Annual Program	123 72 1.06 9.93 42 6.96						123 72 1.06 9.93 42 6.96	113 66 1.01 9.93 41 6.96							113 66 1.01 9.93 41 6.96	113 66 1.01 9.93 41 6.96	86.54	
64. Small Irrigation Projects (SIP) Nationwide	New (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km) Concrete Roads (km) Gravel Road (km)	Annual Program	8,313 - - - - - -						8,313 - 3.34 12.06 57 1.60 0.28 0.28	4,528 3.34 12.06 57 1.60 0.28 0.28							4,528 3.34 12.06 57 1.60 0.28 0.28	4,528 3.34 12.06 57 1.60 0.28 0.28	74.32	
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems																				
65. Extension/Expansion of Existing CIS Nationwide	New (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	Annual Program	1,075 2.19 0.50 3						1,075 2.19 0.50 3	967 2.03 0.68 3							967 2.03 0.68 3	967 2.03 0.68 3	91.30	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2021 Program	FY 2021 REVISED TARGETS							FY 2021 ACCOMPLISHMENT							Actual to Date *	Overall Project Status (%)		
			Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program								Total CY 2021	
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015				
66. Extension/Expansion of Existing NIS	New (ha) Annual Program	291							291	193							193	193	70.91	
Sub-Program 6: Other Irrigation Systems																				
67. Comprehensive Agrarian Reform Program-IC (CARP-IC) Nationwide	New (ha) Annual Program	1,399							1,399	1,060							1,060	1,060	84.62	
	Resto (ha)	556							556	413							413	413		
	Canal Lining (km)	3.92							3.92	3.47							3.47	3.47		
	Canal Structures (Unit)	23							23	13							13	13		
Others Sources (Special Provision)																				
1. Communal Irrigation System Extension	New (ha)	40							40										43.23	
2. EGPIP-Solar Power-Driven Pump Irrigation Projects	New (ha)	22							22										74.23	
	Canal Lining (km)	1.10							1.10	0.25							0.25	0.25		
3. Mabini Cavacav Small Reservoir Irrigation Project, Bohol																			29.35	
4. Balog-Balog Multipurpose Project Phase II																			69.66	
5. National Irrigation System Extension	New (ha)	25							25	12							12	12	77.50	
6. Repair of National Irrigation Systems	Earth Canal (km)	20.85							21	14.73							15	69	69.61	
	Canal Lining (km)	1.04							1.04	0.30							0.30	0.30		
7. Restoration of Communal Irrigation Systems	Resto (ha)	20							20								-	-	-	
8. Improvement of Service Roads in National Irrigation Systems	Concrete Roads (km)	0.30							0.30								-	-	-	
TOTAL FOR FY 2021 IRRIGATION PROGRAM	New (ha)	181,768	19,639	2,920	171	1,913	235	456	56	25,390	10,978	2,268	227	1,666	507	187	56	15,889	41,293	
	Resto (ha)	15,461	5,347	60	1	90	-	-	-	5,498	3,783	60	-	-	-	-	-	3,843	6,164	
	Earth Canal (km)	-	238.63	8.47	-	-	1.15	2.83	25.47	276.55	290.55	-	-	-	-	-	0.05	290.60	487.16	
	Canal Lining (km)	9.75	185.26	118.97	12.76	1.08	1.30	0.60	11.99	331.97	232.44	35.82	12.79	0.41	0.85	4.05	37.41	323.76	672.61	
	Canal Structures (Unit)	46	287	520	38	37	25	27	10	944	511	192	52	47	-	39	10	851	1,859	
	HDPE (km)	-	8.88	2.35	-	-	-	-	-	11.23	10.48	1.06	-	-	-	-	-	11.54	10.91	
	COCONET (sqm)	-	-	-	-	-	1,240	-	-	1,240	-	8	-	-	1,240	-	-	1,248	84,833	
	Concrete Roads (km)	-	81.81	12.96	-	-	-	-	-	94.77	95.47	1.10	3.22	-	-	-	-	99.79	102.33	
	Gravel Road (km)	2.46	185.67	64.65	36.09	-	3.00	-	-	289.41	245.88	32.50	27.81	-	3.00	-	-	309.19	380.43	
II. CONTINUING APPROPRIATIONS																				
A. BALANCE FROM CY 2020 IRRIGATION PROGRAM																				
OPERATIONS																				
PROGRAM 1: Irrigation Systems Restoration Program																				
Sub-Program 1: National Irrigation Systems																				
1. Restoration of National Irrigation Systems Nationwide	Resto (ha) Annual Program		3,659						3,659		3,079						3,079	5,340	96.74	
	Earth Canal (km)		0.48						0.48		0.33						0.33	3.41		
	Canal Lining (km)		25.21						25.21		13.02						13.02	69.16		
	Canal Structures (Unit)		117						117		80						80	164		
	HDPE (km)		0.34						0.34		0.34						0.34	5.44		
	Concrete Roads (km.)		-						-		-						-	-		
	Gravel Road (km)		8.62						8.62		3.55						3.55	6.18		
2. Climate Change Adaptation Works NIS Nationwide	Earth Canal (km) Annual Program		15.87						15.87		10.32						10.32	14.92	98.55	
	Canal Lining (km)		5.15						5.15		5.13						5.13	15.58		
	Canal Structures (Unit)		57						57		72						72	189		
	Gravel Road (km)		-						-		-						-	3.82		
	Resto (ha)										10						10	10		
3. Repair of National Irrigation Systems	Earth Canal (km) Annual Program		47.42						47.42		45.46						45.46	78.26	97.66	
	Canal Lining (km)		107.41						107.41		101.31						101.31	303.16		
	Canal Structures (Unit)		171						171		157						157	445		
	HDPE (km)		0.06						0.06		0.06						0.06	0.06		
	Concrete Roads (km.)		0.01						0.01		0.01						0.01	3.44		
	Gravel Road (km)		10.53						10.53		10.53						10.53	59.89		
	Resto (ha)		100						100		100						100	100		

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
			CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
				CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
4. National Irrigation Sector Rehabilitation & Improvement Project	New	-							-								-	-	79.81	
	Resto (ha)	10,000			2,350	400	1,974	444	5,168				1,641	38	-	-	1,679	3,162		
	Earth Canal (km)	18.00						42.84	42.84						-	-	-	-		
	Canal Lining (km)	78.30				0.64	13.03	104.36	118.02						-	13.98	13.98	44.10		
	Canal Structures (Unit)	177					35	206	241						-	18	18	95		
	Gravel Road (km)					11.44	77	77	88.65						-	-				
5. Coconet Slope Protection in National Irrigation Systems	COCONET (sq. m.)	Annual Program		17,671					17,671		17,671						17,671	83,822	100.00	
	Canal Lining (km)								-		1.22						1.22	1.37		
	Canal Structures (Unit)								-		2.00						2.00	2.00		
6. Improvement of Service Roads in National Irrigation Systems	Canal Structures (Unit)	Annual Program							-								-	3	100.00	
	Earth Canal (km)								0								-	-		
	Concrete Roads (km.)			0.15					3.24		3.09						3.09	48.97		
	Gravel Road (km)			53.82					53.82		53.72						53.72	217.48		
Sub-Program 2: Communal Irrigation Systems																				
7. Restoration of Communal Irrigation Systems	Resto (ha)	Annual Program		1,096					1,096		998						998	3,454	98.41	
	Earth Canal (km)			2.36					2.36		2.36						2.36	2.36		
	Canal Lining (km)			9.75					9.75		6.73						6.73	41.73		
	Canal Structures (Unit)			94.00					94		81						81	247		
	HDPE (km)			2.99					2.99		2.88						2.88	23.31		
	Gravel Road (km)			0.15					0.15		0.15						0.15	0.30		
	New (ha)										1						1	1		
	COCONET (sq. m.)										101						101	101		
8. Repair of Communal Irrigation Systems	Earth Canal (km)	Annual Program		3.00					3.00		0.75						0.75	5.17	97.98	
	Canal Lining (km)			52.12					52.12		52.77						52.77	190.36		
	Canal Structures (Unit)			293					293		317						317	920		
	HDPE (km)			0.91					0.91		1.14						1.14	14.87		
	Concrete Roads (km.)			-					-		1.00						1.00	1.38		
	Gravel Road (km)			0.60					0.60		0.60						0.60	1.00		
	Resto (ha)								-		10						10	10		
Sub-Program 3: Other Irrigation Systems																				
9. Repair of Groundwater Pump Irrigation Systems	Earth Canal (km)	Annual Program		0.77					0.77		0.46						0.46	1.88	100.00	
	Canal Lining (km)			3.03					3.03		2.88						2.88	8.16		
	Canal Structures (Unit)			5					5		6						6	35		
	HDPE (km)			0.34					0.34		0.22						0.22	3.39		
	New (ha)								-								-	50		
PROGRAM 2: Irrigation Systems Development Program																				
Sub-Program 1: New National Irrigation Systems																				
10. Quipot Irrigation Project Quezon, Region 4A	New	2,620		805			1,006	800	2,611								-	-	95.99	
	Resto	180						180	180								-	-		
	Earth Canal (km)			0.89					0.89								-	-		
	Canal Lining (km)			9.77					9.77								-	-		
	Canal Structures (Unit)			27					27								-	-		
	Concrete Roads (km)			1.33					1.33								-	-		
11. Catarman-Bobon IP Northern Samar, Region 8	New (ha)	1,060							-								-	560	90.64	
	Resto (ha)								-								-	-		
	Canal Lining (km)			0.51					0.51		0.45						0.45	35.52		
	Canal Structures (Unit)			3					3		7						7	207		
12. Pinipisakan Irrigation Project Northern Samar, Region 8	New (ha)	1,405		540		367	50		957				317				317	912	91.22	
	Earth Canal (km)			4.77					4.77		4.11						4	12.06		
	Canal Lining (km)			5.95					5.95		1.67		0.74				2.41	13.98		
	Canal Structures (Unit)			134					134				4				4	250		
	Concrete Rd (km)			-					-								-	30.63		
	Gravel Road (km)			4.77					4.77								-	8.28		
13. Upper Saug River Irrigation Project Davao del Norte, Region 11	New	1,070		736					736		407						407	407	85.47	
	Canal Lining (km)			6.00					6.00								-	-		
14. Sapalan River Irrigation Project Maguindanao, Region 12 (ARMM)	New	2,838		334	941	237			1,512		50	543	237				830	1,414	82.39	
	Resto (ha)								-					26			26	26		
	Earth Canal (km)												1.00				1.00	1		
	Canal Lining (km)	2.00		12.49					12.49		3.60	5.17	0.02				8.79	33.04		
	Canal Structures (Unit)	6		49					49		13	27	8				48	126		
	Gravel Road (km)			14.53					14.53		3.62	19.86					23.48	28.50		

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
Sub-Program 2: Establishment of Pump Irrigation																			
15. Alfonso Lista Pump Irrigation Project	New (ha)	2,300	800						800		554						554	554	78.31
	Canal Lining (km)		198.00						198.00		5.51						5.51	7.51	
	Canal Structures (Unit)		16		1				17		-						-	1	
16. Establishment of Groundwater Pump IP Nationwide	New (ha)		1,009						1,009		778						778	3,742	94.21
	Canal Structures (Unit)		38						38		38						38	86	
	HDPE (km)		6.77						6.77		6.77						6.77	15.56	
Sub-Program 3: Small Reservoir Irrigation Systems																			
17. Mabini-Cayacay SRIP Bohol, Region 7	New	530							-								-	210	97.48
Sub-Program 4: Special Irrigation																			
18. Balikatan Sagip Patubig Program (BSPP) Nationwide	New (ha)	Annual	9						9		9						9	62	100.00
	Resto (ha)	Program	13						13		13						13	96	
	Earth Canal (km)		-						-		-						-	-	
	Canal Lining (km)		0.72						0.72		0.72						0.72	11.73	
	Canal Structures (Unit)		48						48		48						48	99	
	HDPE (km)		2.31						2.31		2.31						2.31	28.04	
19. Small Irrigation Projects (SIP) Nationwide	New (ha)	Annual	7,778						7,778		6,477						6,477	9,757	96.46
	Earth Canal (km)	Program	21.57						21.57		11.76						11.76	23.35	
	Canal Lining (km)		84.28						84.28		57.58						57.58	167.57	
	Canal Structures (Unit)		988						988		668						668	1,181	
	HDPE (km)		17.86						17.86		10.24						10.24	25.25	
	Concrete Rd (km)										1.10						1.10	1.10	
	Gravel Road (km)		12.34						12.34		11.82						11.82	24.19	
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems																			
20. Extension/Expansion of Existing National Irrigation Systems Nationwide	New (ha)	Annual	180						180		134						134	232	96.43
	Canal Lining (km)	Program	4.20						4.20		0.54						0.54	3.85	
	Canal Structures (Unit)		11						11		6						6	38	
21. Extension/Expansion of Existing Communal Irrigation Systems Nationwide	New (ha)	Annual	412						412		400						400	1,175	98.67
	Earth Canal (km)	Program	2.10						2.10		0.15						0.15	0.88	
	Canal Lining (km)		3.59						3.59		2.86						2.86	14.29	
	Canal Structures (Unit)		31						31		46						46	119	
	HDPE (km)		1.73						1.73		1.73						1.73	6.10	
Sub-Program 6: Other Irrigation Systems																			
22. Comprehensive Agrarian Reform Program-IC (CARP-IC) Nationwide	New (ha)	Annual	417						417		385						385	1,313	98.43
	Resto (ha)	Program	129						129		129						129	771	
	Earth Canal (km)		-						-		0.45						0.45	1.02	
	Canal Lining (km)		10.25						10.25		17.58						17.58	42.28	
	Canal Structures (Unit)		92						92		200						200	341	
	HDPE (km)		2.33						2.33		3.75						3.75	9.30	
	Gravel Road (km)		-						-		-						-	0.85	
TOTAL FOR OPERATION	New (ha)	11,823	13,019	941	604	1,056	800	-	16,420		9,195	543	554	-	-	-	10,292	20,389	
	Resto (ha)	10,180	4,996	-	2,350	400	2,154	444	10,344	-	4,339	-	1,641	64	-	-	6,044	12,969	
	Earth Canal (km)	18.00	99.38	-	-	-	-	42.84	142.23		76.15	-	1.00	-	-	-	77.14	144.30	
	Canal Lining (km)	80.30	538.43	-	-	0.64	13.03	104.36	656.45		273.57	5.17	0.76	-	-	13.98	293.47	1,003.37	
	Canal Structures (Unit)	183	2,174	-	1	-	35	206	2,416		1,741	27	12	-	-	18	1,798	4,548	
	HDPE (km)	-	35.63	-	-	-	-	-	35.63		29.43	-	-	-	-	-	29.43	131.31	
	COCONET (sqm)	-	17,671	-	-	-	-	-	17,671		17,772	-	-	-	-	-	17,772	83,923	
	Concrete Roads (km)	-	4.58	-	-	-	-	-	4.58		5.19	-	-	-	-	-	5.19	85.52	
	Gravel Road (km)	-	105.36	-	-	-	11.44	77.20	194.01		83.99	19.86	-	-	-	-	103.85	350.48	
	OTHERS																		
Section 7 of CY 2020																			
1. Climate Change Adaptation Works (Communal Systems)	Canal Structures (Unit)		1						1		1						1	1	100.00
2. Climate Change Adaptation Works (National Systems)	Canal Structures (Unit)		2						2		2						2	2	100.00
3. Dabubu RIP Isabela, Region 2	Earth Canal (km)		1.80						1.80		1.80						1.80	1.80	100.00
	Canal Lining (km)		0.68						0.68		0.68						0.68	0.68	
4. Dibuluan RIP Isabela, Region 2	Earth Canal (km)		0.45						0.45		0.45						0.45	0.45	100.00
	Canal Structures (Unit)		2						2		2.00						2	2	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
5. Estab. of Groundwater Pump IP (EGPIP) North Cotabato, Region 12	New (ha) Canal Lining (km) Canal Structures (Unit)		5 0.50 1						5 0.50 1		63						63 - -	63	100.00
6. Improvement of Service Roads in NIS Isabela, Region 2	Concrete Roads (km)		0.40						0.40		0.40						0.40	0.40	100.00
7. Jalaar River Multipurpose Project Iloilo, Region 6	New (ha) Canal Lining (km)		95 14.65						95 14.65										46.72
8. Nassiping PIP Cagayan, Region 2	Canal Lining (km) Concrete Roads (km)		0.09 0.51						0.09 0.51		0.09 0.51						0.09 0.51	0.09 0.51	100.00
9. Rehabilitation of Communal Irrigation Systems (under INREMP-IFAD Financing Reallocation Project) Lanao del Sur, Region 10 (ARMM)																			81.98
10. Repair of Communal Irrigation Systems Region 2,3,12 & 13	Earth Canal (km) Canal Lining (km) Canal Structures (Unit)		0.20 4.87 9						0.20 4.87 9		5.53 6						- 5.53 6	5.53 6	100.00
11. Repair of National Irrigation Systems Region 1 & 3	Earth Canal (km) Canal Lining (km) Canal Structures (Unit) Gravel Road (km)		14.00 4.01 1 25.91						14.00 4.01 1 25.91		14.00 3.66 - 25.91						14.00 3.66 - 25.91	14.00 3.66 - 25.91	100.00
12. Restoration of Communal Irrigation Systems Region 8 & 13	Resto (ha) Canal Lining (km) Canal Structures (Unit)		295 1.97 16						295 1.97 16		295 1.67 6						295 1.67 6	295 1.67 6	100.00
13. Small Irrigation Projects (SIP) Region 8 & 13	New (ha) Canal Lining (km) Canal Structures (Unit) Gravel Road (km)		40 1.50 11 0.80						40 1.50 11 0.80		- 2.75 9 0.45						- 2.75 9 0.45	- 2.75 9 0.45	90.58
TOTAL FOR SECTION 7 OF CY 2020	New (ha)		140						140		63						63	63	
	Resto (ha)		295						295		295						295	295	
	Earth Canal (km)		16.44						16.44		16.24						16.24	16.24	
	Canal Lining (km)		28.27						28.27		14.39						14.39	14.39	
	Canal Structures (Unit)		43						43		26						26	26	
	Concrete Roads (km)		0.91						0.91		0.91						0.91	0.91	
	Gravel Road (km)		26.71						26.71		26.36						26.36	26.36	
Calamity Fund																			
1. National Disaster Risk Reduction Mgt. Fund Communal Irrigation Systems	Canal Lining (km) Canal Structures (Unit)		0.61 2						0.61 2		3.24 12						3.24 12	3.24 12	90.51
National Irrigation Systems	Canal Lining (km)		2.57						2.57										27.74
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2020 IRRIGATION PROGRAM	New (ha)	11,823	13,159	941	604	1,056	800	-	16,560	-	9,258	543	554	-	-	-	10,355	20,452	
	Resto (ha)	10,180	5,291	-	2,350	400	2,154	444	10,639	-	4,634	-	1,641	64	-	-	6,339	13,264	
	Earth Canal (km)	18.00	115.83	-	-	-	-	42.84	158.67	-	92.39	-	1.00	-	-	-	93.39	160.54	
	Canal Lining (km)	80.30	569.88	-	-	0.64	13.03	104.36	687.90	-	291.20	5.17	0.76	-	-	13.98	311.10	1,021.00	
	Canal Structures (Unit)	183	2,219	-	1	-	35	206	2,461	-	1,779	27	12	-	-	18	1,836	4,586	
	HDPE (km)	-	35.63	-	-	-	-	-	35.63	-	29.43	-	-	-	-	-	29.43	131.31	
	COCONET (sqm)	-	17,671	-	-	-	-	-	17,671	-	17,772	-	-	-	-	-	17,772	83,923	
	Concrete Roads (km)	-	5.49	-	-	-	-	-	5.49	-	6.10	-	-	-	-	-	6.10	86.43	
	Gravel Road (km)	-	132.08	-	-	-	-	11.44	77.20	220.72	-	110.35	19.86	-	-	-	130.21	376.84	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)	
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021			
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015				
B. BALANCE FROM CY 2019 IRRIGATION PROGRAM																				
GENERAL ADMINISTRATION AND SUPPORT																				
1. Repair and Maintenance of Irrigation Systems																				
a. Communal Irrigation Systems	Resto (ha)			-					-			-					-	41	99.59	
	Earth Canal (km)			2.48					2.48			0.92					0.92	47.42		
	Canal Lining (km)			32.44					32.44			26.90					26.90	469.76		
	HDPE (km)			0.13					0.13			-					-	17.12		
	Canal Structures (Unit)			116					116			103					103	1,974		
	Concrete Roads (km.)			-					-			-					-	0.29		
	Gravel Road (km)			0.24					0.24			0.24					0.24	6.53		
b. National Irrigation Systems	Resto (ha)			12					12			12					12	292	99.87	
	Earth Canal (km)			22.29					22.29			17.93					17.93	254.49		
	Canal Lining (km)			53.34					53.34			37.17					37.17	374.90		
	HDPE (km)			0.21					0.21			0.21					0.21	0.68		
	Canal Structures (Unit)			110					110			83					83	549		
	Concrete Roads (km.)			2.26					2.26			2.26					2.26	2.70		
	Gravel Road (km)			24.22					24.22			24.22					24.22	91.98		
2. Repair of Groundwater Pump Irrigation Systems	New (ha)			-					-			-					-	-	100.00	
	Resto (ha)			12					12			12					12	36		
	Earth Canal (km)			-					-			-					-	1.67		
	Canal Lining (km)			-					-			-					-	7.54		
	HDPE (km)			-					-			-					-	2.40		
	Canal Structures (Unit)			8					8			9					9	20		
TOTAL for GENERAL ADMINISTRATION AND SUPPORT				-	-	-	-	-	-	-	-	-	-	-	-	-	-	21		
	Resto (ha)			24					24			24					24	345		
	Earth Canal (km)			24.77					24.77			18.85					18.85	284.73		
	Canal Lining (km)			85.77					85.77			64.07					64.07	788.30		
	HDPE (km)			0.35					0.35			0.21					0.21	19.99		
	Canal Structures (Unit)			234					234			195					195	2,348		
	Concrete Roads (km.)			2.26					2.26			2.26					2.26	0.73		
	Gravel Road (km)			24.46					24.46			24.46					24.46	75.75		
OPERATIONS																				
PROGRAM 1: Irrigation Systems Restoration Program																				
Sub-Program 1: National Irrigation Systems																				
1. Restoration of National Irrigation Systems Nationwide	Resto (ha)	Annual Program		40					40			40					40	1,240	100.00	
	Earth Canal (km)								-								-	23.12		
	Canal Lining (km)			0.74					0.74			0.74					0.74	22.78		
	Canal Structures (Unit)			3					3			3					3	31		
	Gravel Road (km)			-					-			-					-	1.10		
2. Climate Change Adaptation Works NIS Nationwide	Resto (ha)	Annual Program							-								-	100	100.00	
	Canal Lining (km)								-								-	3.22		
	Canal Structures (Unit)			22					22			5					5	92		
	Concrete Roads (km.)			-					-			-					-	0.50		
3. Coconet Slope Protection in National IS	COCONET (sq. m.)	Annual Program		100					100			100					100	187,415	100.00	
	Canal Lining (km)								-			0.26					0.26	3.79		
	Canal Structures (Unit)			-					-			-					-	13		
4. Improvement of Service Roads in National IS	Concrete Roads (km.)	Annual Program		0.94					0.94			0.91					0.91	60.12	100.00	
	Gravel Road (km)			1.13					1.13			0.93					0.93	86.04		
	Earth Canal (km)								-								-	0.80		
	Canal Structures (Unit)								-								-	1		
Sub-Program 2: Communal Irrigation Systems																				
5. Restoration of Communal Irrigation Systems Nationwide	Resto (ha)	Annual Program		284					284			284					284	2,371	100.00	
	Earth Canal (km)								-								-	1.71		
	Canal Lining (km)			3.29					3.29			2.12					2.12	39.24		
	HDPE (km)			-					-			-					-	4.90		
	Canal Structures (Unit)			19					19			14					14	201		
6. Climate Change Adaptation Works CIS Nationwide	Canal Lining (km)	Annual Program							-								-	7.52	100.00	
	HDPE (km)								-								-	0.10		
	Canal Structures (Unit)			1					1			3					3	82		
Sub-Program 3: Other Irrigation Systems																				
8. Restoration of Groundwater Pump IS	Resto (ha)	Annual Program							-								-	244	100.00	
									-								-			

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
PROGRAM 2: Irrigation Systems Development Program																			
Sub-Program 1: New National Irrigation Systems																			
10. Bongabong River Irrigation Project Oriental Mindoro, Region 4B	New Canal Lining (km) Canal Structures (Unit)	5,100		948					948			807					807	4,959 10.45 33	98.69
11. Lower Sibuguey II RIS Extension Project Zamboanga Sibugay, Region 9	New Resto Canal Lining (km) Canal Structures (Unit) Concrete Roads (km)	1,550 40		3.55 14		68	308		376 - 3.55 36 -						-		- - - - -	1,224 - 9.40 27 2.33	99.66
12. Tandubas Irrigation Project Tawi-Tawi, Region 9	New Canal Structures (Unit) Canal Lining (km)	200		2					- 2 -								- - -	40 3.22	100.00
Sub-Program 2: Establishment of Pump Irrigation Systems																			
13. Establishment of Groundwater Pump IP Nationwide	New (ha) Resto (ha) Canal Lining (km) HDPE (km) Canal Structures (Unit) Gravel Road (km)	Annual Program		680 1.20 6.80 14 1.92					680 - 1.20 6.80 14 1.92		352						352 - - 6.54 9 -	6,876 30 5.10 55.62 104 -	95.62
Sub-Program 3: Small Reservoir Irrigation Systems																			
14. Barbar SRIP Ilocos Sur, Region 1	New (ha) Canal Lining (km) Canal Structures (Unit)	1,000		535					535 - -		680						680 - -	845 1.05 5	99.01
16. Upper Tabuating SRIP Nueva Ecija, Region 3	New (ha) Canal Lining (km)	700 5.66			5.66				- 5.66								- -	700 -	100.00
17. Hibulangan SRIP Northern Leyte, Region 8	New (ha) Canal Lining (km) Canal Structures (Unit)	1,738							- - -			0.68 10	0.49 4				1.17 14	- 17.40 181	95.16
Sub-Program 4: Special Irrigation Systems																			
18. Balikatan Sagip Patubig Program (BSPP)	New (ha) Resto (ha) Canal Lining (km) HDPE (km) Canal Structures (Unit)	Annual Program		12 0.49 1.00 4					12 - 0.49 1.00 4		12						12 - 0.47 1.00 4	464 33 24.67 53.01 218	100.00
19. Small Irrigation Projects (SIP)	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) HDPE (km) Canal Structures (Unit) Concrete Roads (km) Gravel Road (km)	Annual Program		1,685 0.40 12.48 10.19 89 - 1.43					1,685 - 0.40 12.48 10.19 89 - 1.43		928						928 - - 4.60 7.92 32 - 1.43	9,849 24 4.10 164.46 109.17 957 - 18.78	98.18
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems																			
20. Extension/Expansion of Existing CIS	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) HDPE (km) Canal Structures (Unit) Concrete Roads (km) Gravel Road (km)	Annual Program		177 3.45 0.02 15 0.01 -					177 - 3.45 0.02 15 0.01 -		64						64 - 1.94 - 4 0.01 -	3,766 12 1.34 71.72 73.17 424 0.62 6.77	98.38
21. Extension/Expansion of Existing NIS	New (ha) Earth Canal (km) Canal Lining (km) HDPE (km) Canal Structures (Unit) Gravel Road (km)	Annual Program		743 0.27 9.77 0.29 32 0.82					743 0.27 9.77 0.29 32 0.82		653						653 - 1.68 - 4 -	3,262 13.63 78.38 1.20 244 7.37	99.37

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
TOTAL FOR OPERATIONS	New (ha)	11,448		4,780	935	68	308	-	6,091	-	-	3,639	935	100	-	-	4,674	33,227	
	Resto (ha)	-		324	-	-	-	-	324	-	-	324	-	-	-	-	324	4,054	
	Earth Canal (km)	-		0.67	-	-	-	-	0.67	-	-	-	-	-	-	-	-	43.90	
	Canal Lining (km)	5.66		34.97	5.66	-	-	-	40.63	-	-	11.82	0.68	0.49	-	-	12.99	477.24	
	HDPE (km)	-		18.30	-	-	-	-	18.30	-	-	15.46	-	-	-	-	15.46	297.17	
	Canal Structures (Unit)	40		217	-	-	22	-	239	-	-	80	10	4	-	-	94	2,661	
	COCONET (sq. m.)	-		100	-	-	-	-	100	-	-	100	-	-	-	-	100	187,415	
	Concrete Roads (km.)	-		0.94	-	-	-	-	0.94	-	-	0.92	-	-	-	-	0.92	63.57	
	Gravel Road (km)	-		11.65	-	-	-	-	11.65	-	-	8.71	-	-	-	-	8.71	126.42	
SPECIAL PROVISION																			
1. Balog-Balog Multipurpose Project-Phase II Tarlac									-								-		100.00
6. Formerly Casencan Multipurpose Irrigation and Power Project									-								-		53.45
7. Improvement of Service Roads in National Irrigation Systems	Concrete Roads (km.)			3.48					3.48			1.28					1.28	14.16	100.00
8. Pinipisakan Irrigation Project, Northern Samar	Earth Canal (km)			5.30					5.30								-	6.40	66.04
	Canal Lining (km)			-					-								-	6.40	
	Canal Structures (Unit)			34					34								-	24	
	Gravel Road (km)			11.70					11.70			6.40					6.40	6.40	
9. Repair of Communal Irrigation Systems	Canal Lining (km)			1.40					1.40			0.63					0.63	6.46	100.00
	Canal Structures (Unit)			9					9			9					9	36	
	Gravel Road (km)			0.50					0.50			-					-	-	
	Concrete Roads (km.)											0.20					0.20	0.20	
10. Repair of National Irrigation Systems	Earth Canal (km)			-					-								-	79.63	100.00
	Canal Lining (km)			6.49					6.49			5.77					5.77	9.86	
	Canal Structures (Unit)			9					9			3					3	20	
	Gravel Road (km)			0.25					0.25			-					-	71.60	
12. Small Irrigation Projects (SIP)	New (ha)			50					50			50					50	400	100.00
	Canal Lining (km)			0.88					0.88			0.40					0.40	3.41	
	Canal Structures (Unit)			3					3			-					-	19	
	Gravel Road (km)			-					-			-					-	1.29	
TOTAL FOR SPECIAL PROVISION	New (ha)			50	-	-	-	-	50	-	-	50	-	-	-	-	50	400	
	Resto (ha)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Earth Canal (km)			5.30	-	-	-	-	5.30	-	-	-	-	-	-	-	-	86.03	
	Canal Lining (km)			0.88	-	-	-	-	0.88	-	-	0.40	-	-	-	-	0.40	3.41	
	Canal Structures (Unit)			55	-	-	-	-	55	-	-	12	-	-	-	-	12	99	
	Concrete Roads (km.)			3.48	-	-	-	-	3.48	-	-	1.28	-	-	-	-	1.28	14.16	
	Gravel Road (km)			12.45	-	-	-	-	12.45	-	-	6.40	-	-	-	-	6.40	79.29	
OTHER SOURCES																			
13. National Disaster Risk Reduction Management Fund																			
a. Communal Irrigation Systems	Earth Canal (km)			0.64					0.64										85.24
	Canal Lining (km)			-					-			0.23					0.23	6.81	
	Canal Structures (Unit)			1					1			-					-	6	
b. National Irrigation Systems	Canal Lining (km)			0.07					0.07			0.07					0.07	0.07	100.00
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2019 IRRIGATION PROGRAM	New (ha)	10,288	-	4,830	-	68	308	-	5,206	-	-	3,546	-	-	-	-	3,546	32,384	
	Resto (ha)	-	-	348	-	-	-	-	348	-	-	348	-	-	-	-	348	4,423	
	Earth Canal (km)	-	-	31.39	-	-	-	-	31.39	-	-	18.85	-	-	-	-	18.85	354.68	
	Canal Lining (km)	5.66	-	129.57	5.66	-	-	-	135.23	-	-	82.98	0.68	0.49	-	-	84.15	1,347.61	
	HDPE (km)	-	-	18.64	-	-	-	-	18.64	-	-	15.67	-	-	-	-	15.67	317.37	
	Canal Structures (Unit)	40	-	505	-	-	22	-	527	-	-	285	10	4	-	-	299	5,261	
	COCONET (sq. m.)	-	-	100	-	-	-	-	100	-	-	100	-	-	-	-	100	187,415	
	Concrete Road (km.)	-	-	6.68	-	-	-	-	6.68	-	-	4.66	-	-	-	-	4.66	80.92	
	Gravel Road (km)	-	-	42.21	-	-	-	-	42.21	-	-	33.22	-	-	-	-	33.22	297.88	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)	
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021			
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015				
B. BALANCE FROM CY 2018 IRRIGATION PROGRAM																				
OPERATIONS																				
PROGRAM 1: Irrigation Systems (Restoration/Repair/Rehabilitation Program)																				
Sub-Program 1: Existing National Irrigation Systems																				
1. Resto/Rehab/Repair of Existing National IS Nationwide	Resto (ha)	Annual Program				50				50				50				50	4,849	100.00
	Earth Canal (km)					20.96				20.96				-				-	287.25	
	Canal Lining (km)					37.06				37.06				1.92			1.92	479.33		
	HDPE (km)					-				-				-			-	0.96		
	Canal Structures (Unit)					96				96				2			2	667		
	Concrete Rd (km)					1.37				1.37				-			-	11.06		
	Gravel Road (km)					35.97				35.97				0.60			0.60	22.95		
2. Coconet Slope Protection in National Irrigation Systems	COCONET (sq. m.)	Annual Program				19,172				19,172				7,975			7,975	353,972	100.00	
	Canal Lining (km)																	2.39		
3. Climate Change Adaptation Works (NIS)	Resto (ha)	Annual Program								-								-	600	100.00
	Earth Canal (km)									-								-	68.15	
	Canal Lining (km)					0.44				0.44				0.01			0.01	3.65		
	Canal Structures (Unit)					60				60							-	298		
	Concrete Rd (km)					2.72				2.72							-	-		
	Gravel Road (km)					-				-							-	2.09		
Sub-Program 2: Existing Communal Irrigation Systems																				
6. Resto/Rehab/Repair of Existing Communal IS	New	Annual Program								-								-	356	99.88
	Resto (ha)					121				121				6			6	8,400		
	Earth Canal (km)					17.06				17.06				0.10			0.10	39.39		
	Canal Lining (km)					73.77				73.77				6.50			6.50	565.23		
	Canal Structures (Unit)					223				223				20			20	2,109		
	HDPE Pipes (km)					11.34				11.34				0.27			0.27	38.38		
	Concrete Rd (km)					-				-							-	0.70		
	Gravel Road (km)					1.20				1.20							-	2.06		
Sub-Program 3: Repair of Groundwater Pump IS																				
Sub-Program 4: Comprehensive Agrarian Reform Program																				
8. Comprehensive Agrarian Reform Program-IC	New	Annual Program				146				146								-	1,058	100.00
	Resto (ha)					70				70								-	796	
	Earth Canal (km)					-				-								-	1.64	
	Canal Lining (km)					5.06				5.06				0.40			0.40	45.50		
	Canal Structures (Unit)					79				79								-	210	
	HDPE (km)					-				-								-	13.35	
PROGRAM 2: IRRIGATION SYSTEMS DEVELOPMENT PROGRAM																				
Sub-Program 1: New National Irrigation Systems																				
9. Agno RIS Extension Project Pangasinan, Region 1	New	12,351								-								-	4,715	100.00
	Resto (ha)	1,869								-								-	3,038	
	Earth Canal (km)									-								-	198.92	
	Canal Lining (km)									-								-	92.42	
	Canal Structures (Unit)									-								-	864	
	COCONET (sqm)									-								-	7.24	
	Gravel Rd (km)									-								-	84.01	
10. Aklan RIS Aklan, Region 6	New									-								-	308	100.00
	Resto (ha)									-								-	-	
11. Gregorio del Pilar Impounding Project Ilocos Sur, Region 1	New	1,978								-								-	-	100.00
	Earth Canal (km)									-								-	3.37	
	Canal Structures (Unit)									-								-	37	
12. Ilocos Sur Integrated Irrigation Project Ilocos Sur, Region 1	New	7,830								-								-	-	0.11
										-								-	-	
13. Casecnan Multipurpose IP-IC Phase II Nueva Ecija, Region 3	New	20,321						798		798						798		798	22,866	97.94
	Earth Canal (km)									-								-	9.00	
	Canal Lining (km)									-								-	119.36	
	Canal Structures (Unit)									-								-	905	
	COCONET (sqm)									-								-	39,280	
	Gravel Road (km)									-								-	48.45	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
14. Imbang Irrigation Project Negros Occidental, Region 6	New 4,443								-								-	-	-
15. Bantayan Irrigation Project Northern Samar, Region 8	New 436								-								-	438	100.00
	Canal Lining (km)								-								-	25.76	
	Canal Structures (Unit)								-								-	187	
16. Bulao Irrigation Project Northern Samar, Region 8	New 742				100				100				-				-	700	67.10
	Earth Canal (km)								-								-	24.40	
	Canal Lining (km)								-				3.95	0.80			4.75	13.57	
	Canal Structures (Unit)								-				5				5	66	
	Concrete Rd (km)								-								-	1.50	
17. Calbiga Irrigation Project Western Samar, Region 8	New 913				63				63								-	850	99.99
	Canal Lining (km)								-				3.13				3.13	46.39	
	Canal Structures (Unit)								-				119				119	349	
18. Gandara IP (Concepcion Nacube Area) Western Samar, Region 8	New								-								-	-	5.61
	Canal Lining (km)								-								-	1.80	
	Canal Structures (Unit)								-								-	8	
19. Gandara IP (Pologon Area) Western Samar, Region 8	New 150								-								-	150	100.00
	Earth Canal (km)								-								-	5.54	
	Canal Lining (km)								-								-	16.84	
	Canal Structures (Unit)								-								-	128	
20. Hagbay Irrigation Project Northern Samar, Region 8	New 708				308				308				100				100	500	79.65
	Earth Canal (km)								-				4.76				4.76	8.46	
	Canal Lining (km)								-				2.39				2.39	23.75	
	Canal Structures (Unit)								-				21				21	111	
	Concrete Rd (km)								-								-	3.70	
	Gravel Road (km)								-				2.94				2.94	2.94	
21. Mat-I Ambacon Pinanaan IP Agusan del Norte, Region 13	New 1,200								-								-	1,093	100.00
	Canal Lining (km)	12.18							-								-	15.60	
	Canal Structures (Unit)	18							-								-	36	
Sub-Program 2: Establishment of Pump Irrigation Systems																			
22. Nassiping PIP Ph. 1 Cagayan, Region 2	New 1,028								-								-	166	71.22
23. Establishment of Groundwater Pump IP Nationwide	New Annual Program								-								-	6,409	100.00
	Resto (ha)								-								-	144	
	Earth Canal (km)				1.00				1.00								-	-	
	Canal Lining (km)				0.90				0.90								-	3.29	
	Canal Structures (Unit)				5				5								-	51	
	HDPE Pipes (km)								-								-	10.50	
Sub-Program 3: Small Reservoir Irrigation Program																			
24. Sta. Rita SRIP Western Samar, Region 8	New 911								-								-	-	98.71
	Earth Canal (km)								-				0.85				0.85	28.55	
	Canal Lining (km)								-				0.15				0.15	4.75	
	Canal Structures (Unit)								-				12				12	34	
Sub-Program 4: Special Irrigation																			
25. Small Irrigation Project (SIP) Nationwide	New Annual Program				667				667				509				509	15,353	99.70
	Resto (ha)				20				20								-	35	
	Earth Canal (km)				5.67				5.67				0.80				0.80	31.67	
	Canal Lining (km)				72.39				72.39				7.07				7.07	301.31	
	Canal Structures (Unit)				589				589				65				65	2,125	
	HDPE (km)				12.70				12.70								-	86.49	
	Concrete Rd (km)								-								-	1.39	
	Gravel Road (km)				2.50				2.50								-	16.94	
	Sub-Program 5: Expansion of Existing Irrigation Systems																		
26. Extention/Expansion of Existing National IS Nationwide	New Annual Program				80				80				70				70	1,165	100.00
	Resto (ha)								-								-	355	
	Earth Canal (km)								-								-	26.94	
	Canal Lining (km)				2.28				2.28				0.48				0.48	39.33	
	Canal Structures (Unit)				47				47								-	108	
	HDPE (km)								-								-	1.41	
	Gravel Road (km)				3.39				3.39								-	0.86	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
Other Sources																			
29. Quick Response Fund									-								-	198	100.00
a. QRF (Communal Systems)	Resto (ha)								-								-	13.43	
	Earth Canal (km)								-								-	4.85	
	Canal Lining (km)								-				0.29				0.29	35	
	Canal Structures (Unit)								-				7				7	4	
b. QRF (National Systems)	Canal Lining (km)								-								-	3.53	100.00
	Canal Structures (Unit)								-								-	4	
	Gravel Road (km)								-								-	0.50	
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2018 IRRIGATION PROGRAM	New	53,011			1,364	-	798	-	2,162	-	-	-	679	-	798	-	1,477	56,127	
	Resto (ha)	1,869			261	-	-	-	261	-	-	-	56	-	-	-	56	18,415	
	Earth Canal (km)	-			44.69	-	-	-	44.69	-	-	-	6.50	-	-	-	6.50	746.72	
	Canal Lining (km)	12.18			191.89	-	-	-	191.89	-	-	-	26.28	0.80	-	-	27.08	1,806.26	
	Canal Structures (Unit)	18			1,099	-	-	-	1,099	-	-	-	251	-	-	-	251	8,332	
	COCONET (sqm)	-			19,172	-	-	-	19,172	-	-	-	7,975	-	-	-	7,975	393,260	
	HDPE (km)	-			24.04	-	-	-	24.04	-	-	-	0.27	-	-	-	0.27	151.10	
	Concrete Rd (km)	-			4.09	-	-	-	4.09	-	-	-	-	-	-	-	-	18.34	
	Gravel Road (km)	-			43.06	-	-	-	43.06	-	-	-	3.54	-	-	-	3.54	177.86	
	B. BALANCE FROM CY 2017																		
1. Extension/Expansion of Existing CIS Nationwide	New (ha)	Annual Program				20			20					20			20	2,972	100.00
	Resto (ha)								-								-	243	
	Earth Canal (km)								-								-	1.77	
	Canal Lining (km)								-								-	103.19	
	HDPE (km)					1.46			1.46									35.70	100.00
	Canal Structures (Unit)					2			2								-	352	
3. Climate Change Adaptation Works (Communal IS) Nationwide	Earth Canal (km)								-								-	3.80	100.00
	Canal Lining (km)								-								-	5.36	
	Canal Structures (Unit)					8			8					-			-	129	
4. Climate Change Adaptation Works (National IS) Nationwide	New (ha)								-								-	111	100.00
	Earth Canal (km)								-								-	9.80	
	Canal Lining (km)								-								-	1.74	
	Canal Structures (Unit)					110			110					15			15	1,244	
	Gravel Road (km)								-								-	0.83	100.00
Coconet Slope Protection in National Irrigation Systems	COCONET (sqm)					6,890			6,890					4,000			4,000	384,297	
	Canal Lining (km)																	0.36	
5. Establishment of Groundwater Pump IP Nationwide	New (ha)					12			12								-	2,467	100.00
	Resto (ha)					1			1								-	83	
	Canal Lining (km)								-								-	2.92	
	Canal Structures (Unit)								-								-	6	
7. Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda	Canal Lining (km)	Annual Program				1.35			1.35					2.28			2.28	134.16	99.43
	Canal Structures (Unit)					12			12								-	46	
	Gravel Rd (km)								-								-	12.62	
8. Comprehensive Agrarian Reform Program	New	Annual Program				24			24								-	495	100.00
	Resto					77			77								-	516	
	Earth Canal (km)								-								-	2.09	
	Canal Lining (km)					2.24			2.24								-	12.66	
	Canal Structures (Unit)					15			15								-	110	
	HDPE (km)								-								-	0.50	
	Concrete Road (km)								-								-	0.60	100.00
9. Resto/Rehab/Repair of NIS Nationwide	New	Annual Program							-								-		
	Resto					1			1								-	4,215	
	Earth Canal (km)					16.43			16.43					2.72			2.72	322.14	
	Canal Lining (km)					28.56			28.56					3.10			3.10	510.10	
	Canal Structures (Unit)					64			64					17			17	674	
	COCONET (sqm)								-								-	3,750	
	Concrete Roads (km)					26.87			26.87								-	1.12	
	Gravel Road (km)								-								-	45.80	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
10. Resto/Rehab/Repair of CIS Nationwide	New Resto Annual Program				2				-								-	328	100.00
	Earth Canal (km)				3.07				2					0.24			-	9,380	
	Canal Lining (km)				57.01				3.07					6.32			0.24	52.20	
	Canal Structures (Unit)				152				57.01					33			6.32	619.18	
	HDPE (km)				1.60				152								33	1,918	
	Concrete Roads (km)				4.30				1.60								-	69.51	
	Gravel Road (km)				0.01				4.30								-	-	
									0.01								-	7.47	
11. Improvement of Service Roads in NIS Nationwide	Resto (ha) Annual Program																-	-	100.00
	Concrete Road (km)				4.62				4.62								-	18.22	
	Gravel Road (km)				8.78				8.78					0.40			0.40	73.11	
	Canal Lining (km)																-	2.48	
	Canal Structures (Unit)																-	2	
Cagavcay River Irrigation System Camarines Sur	Resto (ha)																	180	100.00
	Canal Structures (Unit)																	35	
	Canal Lining (km)																	20.18	
12. Bagtongon SRIP Marinduque, Region 4B	New 286																-	-	4.05
13. Sibagat SRIP Camarines Sur, Region 5	New 262																-	-	59.81
	Canal Lining (km)																-	20.12	
	Canal Structures (Unit)																-	93	
14. Barotac Viejo SRIP Iloilo, Region 6	New 265																-	300	100.00
	Resto 459																-	-	
15. Umayam River Irrigation Project Agusan del Sur, Region 13	New 6,729							1,619	1,619							1,619	1,619	3,686	100.00
16. Small Irrigation Project (SIP) Nationwide	New Resto (ha) Annual Program				171				171								8	7,454	100.00
	Earth Canal (km)								-					8			-	70	
	Canal Lining (km)								-								-	29.84	
	Canal Structures (Unit)								770.75					0.31			0.31	176.91	
	HDPE (km)								-					1			1	941	
									-								-	74.50	
	Gravel Road (km)								-								-	2.49	
17. Balikatan Sagip Patubig Program (BSPP) Nationwide	New Resto Annual Program																-	564	100.00
	Canal Lining (km)																-	129	
	Canal Structures (Unit)								-								-	62.91	
	HDPE (km)																-	143	
																	-	45.89	
18. Quick Response Fund a. QRF (Communal Systems)	Resto Earth Canal (km)								-					10			10	690	99.93
	Canal Lining (km)								-					0.06			0.06	1.29	
	Canal Structures (Unit)								-					0.76			0.76	11.07	
									-					1.00			1	62	
b. QRF (National Systems)	Resto Earth Canal (km)								-								-	39	100.00
	Canal Lining (km)								-								-	11.39	
	Canal Structures (Unit)								-								-	4.45	
									-								-	56	
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2017 IRRIGATION PROGRAM	New Resto 7,542 459				227	-	1,619	1,846	-	-	-	-	28	-	1,619	1,647	17,813		
	Earth Canal (km)				81	-	-	81	-	-	-	-	10	-	-	10	15,416		
	Canal Lining (km)				19.50	-	-	19.50	-	-	-	-	3.02	-	-	3.02	434.33		
	Canal Structures (Unit)				870.49	-	-	859.91	-	-	-	-	23.34	-	-	12.76	1,624.52		
	COCONET (sqm)				394	-	-	363	-	-	-	-	98	-	-	67	5,668		
	HDPE (km)				6,890	-	-	6,890	-	-	-	-	4,000	-	-	4,000	384,297		
	Concrete Road (km)				3.06	-	-	3.06	-	-	-	-	-	-	-	-	180.21		
	Gravel Road (km)				35.79	-	-	35.79	-	-	-	-	-	-	-	-	19.94		
					8.79	-	-	8.79	-	-	-	-	0.40	-	-	0.40	142.32		
C. BALANCE FROM CY 2016																			
3. Malaig RIS Ext'n. Project Lanao del Sur, Region 10	New Canal Lining (km) Canal Structures (Unit)	1,665							-								-	1,610 17.64 59	100.00

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT							Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program							
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015		
5. Small Irrigation Project (SIP) Nationwide	New Resto Canal Lining (km) HDPE (km) Canal Structures (Unit)					134		134 - - -						16		16 - - -	5,226 - 77.46 13.74 452	99.26
6. For the Requirement of the Program Beneficiaries Development Component of the Comprehensive Agrarian Reform Program Nationwide	New Resto Canal Lining (km) Canal Structures (Unit)					155 289 3.63 77		155 289 3.63 77						0.49 5		0.49 5	318 268 16.87 73	100.00
7. Extension/Expansion of Existing NIS Nationwide	New Resto Earth Canal (km) Canal Lining (km) HDPE (km) Canal Structures (Unit) Gravel Road (km)					50 - - 6.72 - 15		50 - - 6.72 - 15						50 - - - 4 0.06		50 - - - 4 0.06	1,096 162 5.62 36.86 9.00 142 0.06	91.29
8. Extension/Expansion of Existing CIS Nationwide	New Resto Earth Canal (km) Canal Lining (km) HDPE (km) Canal Structures (Unit)					194 - 10.70 0.96 4		194 - 10.70 0.96 4						0.89 1		0.89 1	2,344 704 3.40 52.13 1.18 250	100.00
9. Coconet Slope Protection in National IS Nationwide	COCONET (sqm)					155,265		155,265						110,475		110,475	682,658	100.00
10. Coconet Slope Protection in Communal IS Nationwide	COCONET (sqm) Canal Lining (km)					18,715		18,715						-		-	76,881 2.00	100.00
11. Resto./Rep. and Maintenance of IS (National Systems) Nationwide	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) Gravel Road (km)					275 - 41.11 117 -		275 - 41.11 117 -						- 18.19 26		- 18.19 26	2,114 173.51 268.21 458 12.06	100.00
12. Resto./Rep. and Maintenance of IS (Communal Systems) Nationwide	New (ha) Resto (ha) Canal Lining (km) Canal Structures (Unit) HDPE (km) Gravel Road (km)					202 39.20 86 0.36		202 39.20 86 0.36						- 7.87 11		- 7.87 11	113 6,034 325.39 1,052 39.89 1.00	100.00
13. Improvement of Service Roads in Communal Irrigation Systems	Concrete Roads (km) Canal Structures (Unit)							- -								- -	10.15 6	100.00
Repair Of Groundwater Pump Irrigation System	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km)					150 - 10.33 20 3.05		150 - 10.33 20 3						150 10.33 20 0.90		150 - 10.33 20 1	1,168 23 23.96 66 6	100.00
14. Establishment Of Groundwater Pump Irrigation Project Nationwide	New Resto Canal Lining (km) Canal Structures (Unit)					40 - - -		40 - - -						- - - -		- - - -	1,308 108 4.03 6	100.00
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2016 IRRIGATION PROGRAM	New	4,420				573	-	573	-	-	-	-	-	66	-	66	12,015	
	Resto					916	-	916	-	-	-	-	-	150	-	150	10,558	
	Earth Canal (km)					-	-	-	-	-	-	-	-	-	-	-	205	
	Canal Lining (km)					112	-	112	-	-	-	-	-	38	-	38	825	
	COCONET (sqm)					173,980	-	173,980	-	-	-	-	-	110,475	-	110,475	759,539	
	Canal Structures (Unit)					319	-	319	-	-	-	-	-	67	-	67	2,564	
	HDPE (km)					4	-	4	-	-	-	-	-	1	-	1	70	
	Concrete Roads (km)					-	-	-	-	-	-	-	-	-	-	-	10	
	Gravel Road (km)					-	-	-	-	-	-	-	-	0.06	-	0.06	13.12	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	FY 2021 REVISED TARGETS								FY 2021 ACCOMPLISHMENT								Actual to Date *	Overall Project Status (%)
		CY 2021 Program	Carryover Program						Total CY 2021	CY 2021 Program	Carryover Program						Total CY 2021		
			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			CY 2020	CY 2019	CY 2018	CY 2017	CY 2016	CY 2015			
D. BALANCE FROM CY 2015																			
1. Asbang SRIP Davao del Sur, Region 11	New (ha) 469 Resto (ha)																	-	18.79
2. Extension/Expansion of Existing IS 2.1 Other NIS (Extension/Expansion of EIS)	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							70 17 14.90 23.26 8	70 17 14.90 23.26 8							- 5 2.28 0.15 -	- 5 2.28 0.15 -	3,339 887 159.49 100.13 305	100.00
2.2 Other CIS (Extension/Expansion of EIS)	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							48 - 3.94 25.81 35	48 - 3.94 25.81 35							- - - 1.45 4	- - - 1.45 4	3,247 717 22.59 102.78 345	100.00
3. Resto/Repair and Maintenance of IS 3.1 Resto./Rep. and Maintenance of IS (National Systems) Nationwide	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							3 41.16 105.85 160	3 41.16 105.85 160							- 1.09 12.72 9	- 1.09 12.72 9	8,996 439.54 385.92 645	100.00
3.2 Resto./Rep. and Maintenance of IS (Communal Systems) Nationwide	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							283 24.73 177.02 341	283 24.73 177.02 341							1 11.25 32.90 26	1 11.25 32.90 26	13,398 319.70 496.75 1,463	100.00
4. Comprehensive Agrarian Reform Project- Irrigat Irrigation Component Nator Nationwide	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							71 356 - 2.11 24	71 356 - 2.11 24							- 60 0.32 3	- 60 0.32 3	258 499 2.30 30.38 140	100.00
TOTAL FOR CONTINUING APPROPRIATION BALANCE FROM CY 2015 IRRIGATION PROGRAM	New (ha) 469 Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							189 659 84.73 334.04 568	189 659 84.73 334.04 568	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- 66 14.62 47.54 42	- 66 14.62 47.54 42	6,844 24,497 943.62 1,115.96 2,898		
SUB-TOTAL FOR CONTINUING APPROPRIATIONS	New (ha) 87,553 Resto (ha) 12,508 Earth Canal (km) 18.00 Canal Lining (km) 98.14 Canal Structures (Unit) 241 HDPE (km) - COCONET (sqm) - Concrete Roads (km) - Gravel Road (km) -		13,159 5,291 115.83 569.88 2,219 35.63 17,671 5.49 132.08	5,771 348 31.39 129.57 505 18.64 100 6.68 42.21	1,968 2,611 44.69 197.55 1,100 24.04 19,172 4.09 43.06	1,351 481 19.50 871.13 394 3.06 6,890 35.79 8.79	2,479 3,070 - 124.71 376 4.37 173,980 - 11.44	1,808 1,103 127.58 438.40 774 85.74 - - 77.20	26,536 12,904 338.98 2,320.65 5,337 29.43 217,813 52.05 314.77	- - - - - - - - -	9,258 4,634 92.39 291.20 1,779 15.67 17,772 6.10 110.35	4,089 348 18.85 88.15 312 0.27 100 4.66 53.08	1,233 1,697 7.50 24.63 273 - 7,975 4,000 3.54	28 74 3.02 24.63 102 - - - 0.40	864 150 - 37.77 67 0.90 - - 0.06	1,619 66 14.62 61.52 60 - - -	17,092 6,969 136.38 520.40 2,562 46.27 140,322 10.77 167.43	145,635 86,573 2,845.32 7,739.89 29,309 849.83 1,808,433 215.78 1,008.01	
TOTAL FOR NIA IRRIGATION DEVELOPMENT PROGRAM	New (ha) 269,321 Resto (ha) 27,969 Earth Canal (km) 18.00 Canal Lining (km) 107.89 Canal Structures (Unit) 287 HDPE (km) - COCONET (sqm) - Concrete Roads (km) - Gravel Road (km) 2.46	19,639 5,347 238.63 185.26 287 8.88 - 81.81 185.67	16,079 5,352 124.30 688.85 2,739 37.98 17,671 18.45 196.72	5,942 349 31.39 142.33 543 18.64 100 6.68 78.30	3,881 2,701 44.69 198.63 1,137 24.04 19,172 4.09 43.06	1,586 481 20.66 872.43 419 3.06 8,130 35.79 11.79	2,935 3,070 2.83 125.31 403 4.37 173,980 - 11.44	1,864 1,103 153.05 450.39 784 96.97 219,053 146.82 77.20	51,926 18,402 615.53 2,652.62 6,281 10.48 - - 604.18	10,978 3,783 92.39 232.44 511 30.49 17,780 7.21 245.88	4,316 4,694 18.85 100.94 364 15.67 100 7.88 80.89	2,899 348 7.50 28.13 320 0.27 5,240 - 3.54	535 74 3.02 25.48 102 - 110,475 - 3.40	1,051 150 - 41.82 106 0.90 110,475 - 0.06	1,675 66 14.67 98.93 70 - - -	32,980 10,812 426.98 844.16 3,413 57.81 141,570 110.56 476.62	186,929 92,737 3,332.48 8,412.50 31,168 860.74 1,893,266 318.11 1,388.44		



Republika ng Pilipinas
National Irrigation Administration
 (Pambansang Pangasiwaan ng Patubig)
 Lungsod ng Quezon

FINANCIAL STATUS OF IRRIGATION PROJECTS
 FY 2021 IRRIGATION PROGRAM (R.A. 11465)
 January 1 - December 31, 2021
 (All Amount in Thousand Pesos)

PARTICULARS	CY 2021 IRRIGATION PROGRAM						CARRY-OVER FUNDS				REGULAR CY 2021 PROGRAM & CARRY-OVER FUNDS			
	CY 2021 PROGRAM	Allotment Received	DBM Variance	Net of SARO	NCA Received	Obligation	Unobligated Allotment as of Dec. 2020	Allotment Received	NCA Received	Obligation	Total CY 2021 Program	Total Available Allotment	NCA Received	Obligation
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11=4+7+8)	(12=4+7+8)	(13=5+9)	(14=6+10)
PROGRAMS														
GENERAL ADMINISTRATION AND SUPPORT														
1. Operating Subsidy	7,476,122	7,476,122	(232,895)	7,243,227	3,900,226	4,786,656	1,492,286	(452)	(452)	1,486,816	8,967,956	8,735,061	3,899,774	6,273,472
2. Operation and Maintenance of NIS Pump IS	264,976	264,976	-	264,976	170,259	243,246	80,769	-	116,998	80,769	345,745	345,745	287,257	324,016
3. Payment of NIA's Obl. to CE-Casencan for Water delivery fee	3,447,801	3,447,801	-	3,447,801	2,323,901	3,447,801	-	-	-	-	3,447,801	3,447,801	2,323,901	3,447,801
TOTAL GENERAL ADMINISTRATION AND SUPPORT	11,188,899	11,188,899	(232,895)	10,956,004	6,394,386	8,477,703	1,573,055	(452)	116,546	1,567,585	12,761,502	12,528,607	6,510,932	10,045,289
SUPPORT TO OPERATIONS														
1. Establishment of Farmland Geographic Information System (GIS)	115,327	115,327	-	115,327	45,409	104,421	56,389	-	66,989	56,185	171,716	171,716	112,397	160,606
2. Feasibility Study, Detailed Eng'g. & Pre-Eng'g. Activities (FSDE)	776,912	776,912	-	776,912	82,453	382,196	297,816	222,054	602,748	308,725	1,296,782	1,296,782	685,201	690,921
3. Irrigation Management Transfer Support Services (IMTSS)	141,000	141,000	-	141,000	83,474	102,987	40,773	(214)	11,013	20,455	181,559	181,559	94,488	123,443
4. Payment for ROW, Completion Works & Unpaid Claims and Damages of Completed Projects	10,000	10,000	-	10,000	-	-	36,695	(60,381)	(18,196)	9,360	(13,687)	(13,687)	(18,196)	9,360
TOTAL SUPPORT TO OPERATIONS	1,043,239	1,043,239	-	1,043,239	211,336	589,605	431,674	161,458	662,554	394,725	1,636,371	1,636,371	873,890	984,330
OPERATIONS	19,426,701	19,426,701	-	19,426,701	10,351,314	17,479,222	1,121,070	(272,444)	3,245,089	965,037	20,275,327	20,275,327	13,596,403	18,444,259
PROGRAM 1: Irrigation Systems Restoration Program	6,452,945	6,452,945	-	6,452,945	4,741,681	6,269,528	5,663	-	120,714	5,663	6,458,608	6,458,608	4,862,396	6,275,192
Sub-Program 1: National Irrigation Systems (NIS)	6,247,321	6,247,321	-	6,247,321	4,618,694	6,070,917	5,663	-	120,714	5,663	6,252,984	6,252,984	4,739,409	6,076,581
1. Climate Change Adaptation Works (National Systems)	1,100,000	1,100,000	-	1,100,000	670,279	1,044,066	-	-	-	-	1,100,000	1,100,000	670,279	1,044,066
2. Improvement of Service Roads in National Irrigation Systems	650,000	650,000	-	650,000	534,402	629,403	-	-	-	-	650,000	650,000	534,402	629,403
3. Repair of National Irrigation Systems	3,337,321	3,337,321	-	3,337,321	2,685,637	3,270,674	-	-	-	-	3,337,321	3,337,321	2,685,637	3,270,674
4. Restoration of National Irrigation Systems	500,000	500,000	-	500,000	366,748	484,876	-	-	-	-	500,000	500,000	366,748	484,876
5. Agos RIS Improvement Project	90,000	90,000	-	90,000	37,315	89,595	2,817	-	25,518	2,817	92,817	92,817	62,833	92,411
6. Lasang RIS Improvement Project, Davao Del Norte	70,000	70,000	-	70,000	22,473	66,776	2,847	-	95,196	2,847	72,847	72,847	117,669	69,623
7. Angat Maasim RIS Improvement Project, Bulacan	100,000	100,000	-	100,000	79,297	99,726	-	-	-	-	100,000	100,000	79,297	99,726
8. Colo Lavac Balsik RIS Improvement Project, Bulacan	100,000	100,000	-	100,000	97,094	99,839	-	-	-	-	100,000	100,000	97,094	99,839
9. Abra River Irrigation System Improvement Project	300,000	300,000	-	300,000	125,448	285,963	-	-	-	-	300,000	300,000	125,448	285,963
Sub-Program 2: Existing Communal Irrigation Systems (CIS)	15,730	15,730	-	15,730	3,261	10,964	-	-	-	-	15,730	15,730	3,261	10,964
10. Repair of Communal Irrigation Systems	15,730	15,730	-	15,730	3,261	10,964	-	-	-	-	15,730	15,730	3,261	10,964
Sub-Program 3: Other Irrigation Systems	189,894	189,894	-	189,894	119,726	187,647	-	-	-	-	189,894	189,894	119,726	187,647
11. Repair of Groundwater Pump Irrigation Systems	189,894	189,894	-	189,894	119,726	187,647	-	-	-	-	189,894	189,894	119,726	187,647
PROGRAM 2: Irrigation Systems Development Program	12,973,756	12,973,756	-	12,973,756	5,609,632	11,209,694	1,115,407	(272,444)	3,124,375	959,373	13,816,719	13,816,719	8,734,007	12,169,067
Sub-Program 1: New National Irrigation Systems (NIS)	5,068,636	5,068,636	-	5,068,636	1,812,147	4,186,514	584,206	(264,407)	1,583,098	528,182	5,388,436	5,388,436	3,395,245	4,714,696
12. Balog-Balog MPIP, Phase II	400,000	400,000	-	400,000	236,363	358,025	185,274	-	553,910	184,726	585,274	585,274	790,273	542,751
13. Jalaur River Multipurpose Project - Stage II	1,819,088	1,819,088	-	1,819,088	100,000	1,435,923	120,712	-	50,547	110,712	1,939,800	1,939,800	150,547	1,546,635
	Peso 1,023,125	1,023,125	-	1,023,125	100,000	639,960	120,712	-	50,547	110,712	1,143,837	1,143,837	150,547	750,672
	Loan 795,963	795,963	-	795,963	-	795,963	-	-	-	-	795,963	795,963	-	795,963
14. Lower Apayao River Irrigation Project (LARIP)	50,000	50,000	-	50,000	7,002	49,422	6,658	(232)	1,538	6,624	56,426	56,426	8,540	56,046
15. Ilocos Norte-Ilocos Sur-Abra Irrigation Project	25,000	25,000	-	25,000	10,583	11,662	3,302	(74,300)	17,752	3,302	(45,998)	(45,998)	28,336	14,964
16. Ilocos Sur Transbasin Project	25,000	25,000	-	25,000	220	24,600	5,160	-	6,274	5,160	30,160	30,160	6,493	29,760
17. Lower Agno River Irrigation System Improvement Project	800,000	800,000	-	800,000	635,568	786,886	51,728	-	308,920	51,728	851,728	851,728	944,488	838,614
18. Dabubu Irrigation Project, Isabela	30,472	30,472	-	30,472	22,663	30,472	-	-	-	-	30,472	30,472	22,663	30,472
19. Dibuluan River Irrigation Project, Isabela	23,205	23,205	-	23,205	18,466	23,133	252	-	21,434	252	23,457	23,457	39,900	23,385
20. Tumauni River Multipurpose Project	135,000	135,000	-	135,000	64,366	127,347	17,646	-	33,423	17,646	152,646	152,646	97,789	144,992
21. Bayabas Irrigation Project	100,000	100,000	-	100,000	51,393	97,590	-	-	-	-	100,000	100,000	51,393	97,590

PARTICULARS	CY 2021 IRRIGATION PROGRAM						CARRY-OVER FUNDS				REGULAR CY 2021 PROGRAM & CARRY-OVER FUNDS			
	CY 2021 PROGRAM	Allotment Received	DBM Variance	Net of SARO	NCA Received	Obligation	Unobligated Allotment as of Dec. 2020	Allotment Received	NCA Received	Obligation	Total CY 2021 Program	Total Available Allotment	NCA Received	Obligation
22. Upper Gumain River IP	75,000	75,000		75,000	73,542	74,924	0	-	1,232	0	75,000	75,000	74,774	74,924
23. North Lawis Palongohan Irrigation Project	65,000	65,000		65,000	42,992	61,017	564	-	6,134	564	65,564	65,564	49,126	61,581
24. Marikit Irrigation Project	25,000	25,000		25,000	3,358	25,000	112	-	15,296	112	25,112	25,112	18,654	25,112
25. Hilabangan Irrigation Project, Negros Occidental	277,226	277,226		277,226	40,863	235,575	16,874	-	83,743	16,838	294,100	294,100	124,605	252,413
26. Malogo Irrigation Project, Negros Occidental	200,000	200,000		200,000	4,503	7,732	9,508	-	22,217	9,437	209,508	209,508	26,720	17,169
27. Panay River Basin Integrated Development Project (PRBIDP), Capiz	100,000	100,000		100,000	164	164	22,648	(43,151)	22,847	22,648	79,498	79,498	23,011	22,813
28. Amlan Irrigation Project, Negros Oriental	31,137	31,137		31,137	16,543	27,378	2,154	-	11,522	2,154	33,291	33,291	28,066	29,532
29. Bohol Northeast Basin Multi-purpose Dam Project, Bohol	50,000	50,000		50,000	60	39,050	11,576	(76,280)	15,017	11,576	(14,704)	(14,704)	15,077	50,627
30. Malinao Dam Improvement Project, Bohol	26,536	26,536		26,536	5,456	11,841	71,758	-	24,596	33,082	98,294	98,294	30,052	44,923
31. Sta. Agueda-Datagon Irrigation Project, Negros Oriental	45,000	45,000		45,000	29,882	41,023	2,812	-	38,280	2,812	47,812	47,812	68,162	43,835
32. Tanjay-Bais River Irrigation Project, Negros Oriental	100,000	100,000		100,000	40,503	96,491	53,285	-	10,697	53,285	153,285	153,285	51,200	149,776
33. Bugko Irrigation Project, Northern Samar	41,540	41,540		41,540	29,408	41,540	3,618	-	2,000	3,618	45,158	45,158	31,408	45,158
34. Lower Sibuguey I RIS Extension Project, Zamboanga Sibugay	62,000	62,000		62,000	51,574	58,710	246	-	13,518	246	62,246	62,246	65,092	58,956
35. Ditsaan-Ramain Irrigation Project, Lanao del Sur	100,614	100,614		100,614	26,514	91,312	3,972	-	28,513	3,972	104,586	104,586	55,027	95,289
36. Talakag Irrigation Project Phase II, Bukidnon	120,000	120,000		120,000	71,284	111,850		-			120,000	120,000	71,284	111,850
37. Manat NIP, Compostella Valley	100,000	100,000		100,000	72,544	98,641	6,105	-	44,489	6,105	106,105	106,105	117,034	104,746
38. Malitubog-Maridagao Irrigation Project Phase II, North Cotabato	141,818	141,818		141,818	86,100	141,626	-	-	68,000	-	141,818	141,818	154,100	141,626
39. Kabunlan 2 Multipurpose Irrigation & Power Project, Sultan Kudarat	50,000	50,000		50,000	45,154	30,683	(46,397)	(70,444)	32,804	(53,058)	(66,841)	(66,841)	77,958	(22,375)
40. Lebak Integrated River Irrigation Project, Sultan Kudarat	30,000	30,000		30,000	12,577	29,936	29,857	-	43,634	29,857	59,857	59,857	56,211	59,794
41. Upi Integrated Irrigation Project, Maguindanao	5,000	5,000		5,000	5,000	3,531	86	-	-	86	5,086	5,086	5,000	3,616
42. Bislig City Integrated Development Project-IC, Surigao Del Sur	5,000	5,000		5,000	5,000	4,145	847	-	26,110	847	5,847	5,847	31,110	4,991
43. Libang Irrigation Project, Agusan del Sur	10,000	10,000		10,000	2,500	9,282	3,848	-	78,652	3,848	13,848	13,848	81,152	13,130
Sub-Program 2: Establishment of Pump Irrigation	2,201,782	2,201,782	-	2,201,782	978,045	1,706,257	41,862	-	1,125,790	41,862	2,243,644	2,243,644	2,103,835	1,748,119
44. Chico River Pump Irrigation Project	1,401,782	1,401,782		1,401,782	558,012	935,178	41,862	-	1,125,790	41,862	1,443,644	1,443,644	1,683,802	977,040
	<i>Peso</i> 501,782	501,782		501,782	54,954	35,178	41,862	-	34,313	41,862	543,644	543,644	89,267	77,040
	<i>Loan</i> 900,000	900,000		900,000	503,058	900,000	-	-	1,091,477	-	900,000	900,000	1,594,535	900,000
45. EGPIP-Solar Power-Driven Pump Irrigation Projects	800,000	800,000		800,000	420,033	771,079		-			800,000	800,000	420,033	771,079
Sub-Program 3: Small Reservoir Irrigation	1,074,380	1,074,380	-	1,074,380	150,158	935,486	489,339	(8,037)	415,486	389,330	1,555,681	1,555,681	565,645	1,324,816
46. Bayaas Small Reservoir Irrigation Project	10,000	10,000		10,000	1,247	10,000	-	-	11,256	-	10,000	10,000	12,503	10,000
47. Dumoloc Small Reservoir Irrigation Project	150,000	150,000		150,000	14,599	150,000	89,507	-	93,661	89,507	239,507	239,507	108,260	239,507
48. Gaco Small Reservoir Irrigation Project	50,000	50,000		50,000	2,536	49,691	119,200	-	6,628	119,200	169,200	169,200	9,165	168,891
49. Sulvec Small Reservoir Irrigation Project	69,130	69,130		69,130	32,055	68,408	516	-	15,800	516	69,646	69,646	47,854	68,925
50. Bulo Small Reservoir Irrigation Project, Bulacan	15,000	15,000		15,000	11,739	12,021	2,042	(7,288)	8,043	2,042	9,754	9,754	19,782	14,063
51. Balbalungao Small Reservoir Irrigation Project, Nueva Ecija	280,000	280,000		280,000	28,731	280,000	1,758	-	95,527	1,758	281,758	281,758	124,259	281,758
52. Macalelon Small Reservoir Irrigation Project	100,000	100,000		100,000	17,078	98,676	4,398	(749)	30,529	4,398	103,649	103,649	47,607	103,074
53. Ibato-Iraan Small Reservoir Irrigation Project, Palawan	50,000	50,000		50,000	6,119	47,660		-			50,000	50,000	6,119	47,660
54. Ibingan Small Reservoir Irrigation Project, Sorsogon	20,250	20,250		20,250	1,350	18,392	17,822	-	15,247	17,822	38,072	38,072	16,597	36,215
55. Bayuyan Small Reservoir Irrigation Project	100,000	100,000		100,000	473	620	94,330	-	1,010	4,130	194,330	194,330	1,483	4,750
56. Cabano Small Reservoir Irrigation Project	50,000	50,000		50,000	73	43,423	96,785	-	590	96,785	146,785	146,785	662	140,208
57. Benliw Small Reservoir Irrigation Project	22,500	22,500		22,500	5,135	15,899	11,007	-	3,473	10,198	33,507	33,507	8,608	26,098
58. Bonotbonot Small Reservoir Irrigation Project	22,500	22,500		22,500	202	11,245	17,684	-	8,485	8,684	40,184	40,184	8,686	19,929
59. Calunasan Small Reservoir Irrigation Project	100,000	100,000		100,000	682	94,589	19,734	-	25,995	19,734	119,734	119,734	26,677	114,324
60. Hibale Small Reservoir Irrigation Project	5,000	5,000		5,000	3,163	4,967	12,782	-	42,164	12,782	17,782	17,782	45,327	17,749
61. Marimay Small Reservoir Irrigation Project, Apayao	20,000	20,000		20,000	15,135	19,975		-			20,000	20,000	15,135	19,975
62. Tulunan Small Reservoir Irrigation Project	10,000	10,000		10,000	9,843	9,919	1,772	-	57,078	1,772	11,772	11,772	66,921	11,691
Sub-Program 4: Special Irrigation	3,560,996	3,560,996	-	3,560,996	1,806,958	3,357,312	-	-	-	-	3,560,996	3,560,996	1,806,958	3,357,312
63. Balikatan Sagip Patubig Program (BSPP)	72,000	72,000		72,000	19,284	65,805		-			72,000	72,000	19,284	65,805
64. Small Irrigation Projects (SIP)	3,488,996	3,488,996		3,488,996	1,787,673	3,291,507		-			3,488,996	3,488,996	1,787,673	3,291,507
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems	466,962	466,962	-	466,962	333,443	431,316	-	-	-	-	466,962	466,962	333,443	431,316
65. Extension/Expansion of Existing Communal Irrigation Systems				370,650	261,093	338,140		-			370,650	370,650	261,093	338,140
66. Extension/Expansion of Existing National Irrigation Systems				96,312	72,350	93,176		-			96,312	96,312	72,350	93,176
Sub-Program 6: Other Irrigation Systems	601,000	601,000	-	601,000	528,881	592,807	-	-	-	-	601,000	601,000	528,881	592,807
67. Comprehensive Agrarian Reform Program-IC (CARP-IC)	601,000	601,000		601,000	528,881	592,807		-			601,000	601,000	528,881	592,807
TOTAL FOR OPERATIONS	19,426,701	19,426,701	-	19,426,701	10,351,314	17,479,222	1,121,070	(272,444)	3,245,089	965,037	20,275,327	20,275,327	13,596,403	18,444,259

PARTICULARS	CY 2021 IRRIGATION PROGRAM						CARRY-OVER FUNDS				REGULAR CY 2021 PROGRAM & CARRY-OVER FUNDS			
	CY 2021 PROGRAM	Allotment Received	DBM Variance	Net of SARO	NCA Received	Obligation	Unobligated Allotment as of Dec. 2020	Allotment Received	NCA Received	Obligation	Total CY 2021 Program	Total Available Allotment	NCA Received	Obligation
SUB-TOTAL FOR FY 2021 PROGRAM	31,658,839	31,658,839	(232,895)	31,425,944	16,957,036	26,546,530	3,125,799	(111,437)	4,024,189	2,927,347	34,673,201	34,440,306	20,981,225	29,473,878
OTHER SOURCES														
1. Integrated Resources and Environment Management Project - International Fund for Agricultural Development - LP		173,774		173,774	59,749	150,087		180,857	180,857	177,297	180,857	354,631	240,606	327,384
SPECIAL PROVISION NO. 7														
1. Balog-Balog MPIP, Phase II, Tarlac		20,000		20,000	11,955	19,895						20,000	11,955	19,895
2. Extension/Expansion of Existing Communal Irrigation Systems		1,314		1,314	47	1,314						1,314	47	1,314
3. EGPIP-Solar Power-Driven Pump Irrigation Projects		26,400		26,400	5,918	26,339						26,400	5,918	26,339
4. Improvement of Service Roads in National Irrigation Systems		5,000		5,000	-	4,952						5,000	-	4,952
5. Mabini-Cayacay Small Reservoir Irrigation Project, Bohol		25,000		25,000	-	25,000						25,000	-	25,000
6. Extension/Expansion of Existing National Irrigation Systems		20,000		20,000	13,116	20,000						20,000	13,116	20,000
7. Repair of National Irrigation System		156,665		156,665	87,242	156,177						156,665	87,242	156,177
8. Restoration of Communal Irrigation System		28,686		28,686	8,271	28,686						28,686	8,271	28,686
TOTAL FOR SPECIAL PROVISION NO. 7	-	283,065	-	283,065	126,550	282,363	-	-	-	-	-	283,065	126,550	282,363
SUB-TOTAL FOR OTHER SOURCES	-	456,839	-	456,839	186,299	432,450	-	180,857	180,857	177,297	180,857	637,696	367,156	609,747
TOTAL FOR FY 2021 PROGRAM	31,658,839	32,115,678	(232,895)	31,882,783	17,143,335	26,978,980	3,125,799	69,420	4,205,046	3,104,645	34,854,058	35,078,002	21,348,381	30,083,625
II. CONTINUING APPROPRIATIONS														
II. A. BALANCE FROM CY 2020 PROGRAM														
OPERATIONS														
PROGRAM 1: Irrigation Systems Restoration Program							297,592	(85,765)	2,958,496	294,528	211,827	211,827	2,958,496	294,528
Sub-Program 1: National Irrigation Systems (NIS)	-	-	-	-	-	-	182,663	(76,147)	2,047,106	180,631	106,516	106,516	2,047,106	180,631
1. Restoration of National Irrigation Systems							54,654	(4,397)	447,530	54,176	50,257	50,257	447,530	54,176
2. Climate Change Adaptation Works (National Systems)							7,096	(9,687)	355,979	6,668	(2,591)	(2,591)	355,979	6,668
3. Repair of National Irrigation Systems							107,832	(10,291)	1,054,781	107,044	97,541	97,541	1,054,781	107,044
4. National Irrigation Sector Rehabilitation and Improvement Project (NISRIIP)							76	(50,000)	-	-	(49,924)	(49,924)	-	-
5. Coconet Slope Protection in National Irrigation Systems							1,302	(264)	37,917	1,293	1,038	1,038	37,917	1,293
6. Improvement of Service Roads in National Irrigation Systems							11,704	(1,508)	150,899	11,449	10,196	10,196	150,899	11,449
Sub-Program 2: Existing Communal Irrigation Systems (CIS)							108,227	(9,382)	857,848	107,245	98,845	98,845	857,848	107,245
7. Restoration of Communal Irrigation Systems							26,665	(4,037)	215,026	26,333	22,629	22,629	215,026	26,333
8. Repair of Communal Irrigation Systems							81,488	(5,212)	641,169	80,838	76,276	76,276	641,169	80,838
9. Coconet Slope Protection in Communal Irrigation Systems							73	(133)	1,652	73	(59)	(59)	1,652	73
Sub-Program 3: Other Irrigation Systems							6,701	(237)	53,542	6,652	6,465	6,465	53,542	6,652
10. Repair of Groundwater Pump Irrigation Systems							6,701	(237)	53,542	6,652	6,465	6,465	53,542	6,652
PROGRAM 2: Irrigation Systems Development Program							481,342	(15,841)	2,898,953	470,337	465,502	465,502	2,898,953	470,337
Sub-Program 1: New National Irrigation Systems (NIS)							116,271	-	204,873	116,271	116,271	116,271	204,873	116,271
11. Quipot Irrigation Project							10,523	-	4,040	10,523	10,523	10,523	4,040	10,523
12. Catarman-Bobon Irrigation Project, Samar (Northern)							-	-	3,213	-	-	-	3,213	-
13. Pinipisanan Irrigation Project							669	-	24,622	669	669	669	24,622	669
15. Upper Saug River Irrigation Project							222	-	25,137	222	222	222	25,137	222
16. Sapalan River Irrigation Project							104,857	-	147,860	104,857	104,857	104,857	147,860	104,857
Sub-Program 2: Establishment of Pump Irrigation							44,634	(2,591)	357,920	41,304	42,042	42,042	357,920	41,304
17. Alfonso Lista Pump Irrigation Project							14,737	-	152,618	12,537	14,737	14,737	152,618	12,537
18. Establishment of Groundwater Pump IP (EGPIP)							29,896	(2,591)	205,302	28,767	27,305	27,305	205,302	28,767
Sub-Program 3: Small Reservoir Irrigation							6,490	-	15,122	6,490	6,490	6,490	15,122	6,490
19. Mabini-Cayacay SRIP							6,490	-	15,122	6,490	6,490	6,490	15,122	6,490
Sub-Program 4: Special Irrigation	-	-	-	-	-	-	260,869	(11,946)	2,045,348	253,258	248,923	248,923	2,045,348	253,258
20. Balikatan Sagip Patubig Program (BSPP)							1,660	(1,425)	32,762	1,620	235	235	32,762	1,620
21. Small Irrigation Projects (SIP)							259,208	(10,520)	2,012,586	251,637	248,688	248,688	2,012,586	251,637
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems	-	-	-	-	-	-	43,326	(1,304)	156,904	43,261	42,023	42,023	156,904	43,261
22. Extension/Expansion of Existing National Irrigation Systems							8,062	-	18,278	8,062	8,062	8,062	18,278	8,062
23. Extension/Expansion of Existing Communal Irrigation Systems							35,264	(1,304)	138,626	35,198	33,960	33,960	138,626	35,198
Sub-Program 6: Other Irrigation Systems	-	-	-	-	-	-	9,753	-	118,786	9,753	9,753	9,753	118,786	9,753
24. Comprehensive Agrarian Reform Program-IC (CARP-IC)							9,753	-	118,786	9,753	9,753	9,753	118,786	9,753
TOTAL FOR OPERATIONS							778,934	(101,606)	5,857,449	764,864	677,328	677,328	5,857,449	764,864

PARTICULARS	CY 2021 IRRIGATION PROGRAM						CARRY-OVER FUNDS				REGULAR CY 2021 PROGRAM & CARRY-OVER FUNDS			
	CY 2021 PROGRAM	Allotment Received	DBM Variance	Net of SARO	NCA Received	Obligation	Unobligated Allotment as of Dec. 2020	Allotment Received	NCA Received	Obligation	Total CY 2021 Program	Total Available Allotment	NCA Received	Obligation
OTHER SOURCES														
SECTION 7														
1. Repair of National Irrigation Systems							3,097	(223)	68,299	3,085	2,874	2,874	68,299	3,085
2. Climate Change Adaptation Works (National Systems)							-	-	6,000	-	-	-	6,000	-
3. Integrated Resources and Environment Management Project - International Fund for Agricultural Development							16,346	-	15,589	15,546	16,346	16,346	15,589	15,546
4. Improvement of Service Roads in National Irrigation Systems							3,190	-	3,183	3,183	3,190	3,190	3,183	3,183
5. Repair of Communal Irrigation Systems							1,488	223	64,821	1,136	1,711	1,711	64,821	1,136
6. Restoration of Communal Irrigation Systems							2,940	-	56,632	2,940	2,940	2,940	56,632	2,940
7. Climate Change Adaptation Works (Communal Irrig. Systems)							-	-	3,000	-	-	-	3,000	-
8. Nassiping PIP, Cagayan							0	-	3,437	-	0	0	3,437	-
9. Dibuluan River Irrigation Project, Isabela							(0)	-	3,294	-	(0)	(0)	3,294	-
10. Dabubu Irrigation Project, Isabela							-	-	2,766	-	-	-	2,766	-
11. Jalaur River Multipurpose Project - Stage II, Iloilo							100,000	-	50,000	100,000	100,000	100,000	50,000	100,000
12. Establishment of Groundwater Pump IP (EGPIP)							179	-	6,886	179	179	179	6,886	179
13. Small Irrigation Projects (SIP)							4,360	-	46,595	4,359	4,360	4,360	46,595	4,359
TOTAL FOR SECTION 7	-	-	-	-	-	-	131,600	-	330,501	130,427	131,600	131,600	330,501	130,427
CALAMITY FUND														
1. National Disaster Risk Reduction and Management Fund								333,576	258,972	333,123	333,576	333,576	258,972	333,123
TOTAL FOR OTHER SOURCES							131,600	333,576	589,472	463,550	465,175	465,175	589,472	463,550
TOTAL FOR CONTINUING APPROPRIATIONS							910,534	231,969	6,446,921	1,228,414	1,142,504	1,142,504	6,446,921	1,228,414
GRAND TOTAL FOR CY 2021 IRRIGATION PROGRAM	31,658,839	32,115,678	(232,895)	31,882,783	17,143,335	26,978,980	4,036,334	301,389	10,651,967	4,333,059	35,996,562	36,220,506	27,795,302	31,312,039

NOTE:

CARRY-OVER FUNDS includes balances from CY 2020 Regular Appropriations
Unaudited Financial Status as of December 31, 2021



Republic of the Philippines
National Irrigation Administration

STATUS OF FUNDS
GAA 2021
as of December 31, 2021
(In Thousand Pesos)

PARTICULARS	GAA	SARO	DBM VARIANCE	SARO NET OF VARIANCE	NCA	OBLIGATION	DISBURSEMENT	BALANCES					UTILIZATION RATE		
								UNRELEASED SARO	UNFUNDED SARO	UNOBLIGATED SARO	UNUTILIZED NCA	UNPAID OBLIGATION	OBLIGATION/ SARO	DISBURSEMENT/ NCA	DISBURSEMENT/ OBLIGATION
1	2	a	b	3 = a+b	4	5	6	7=2-3	8=3-4	9=3-5	10=4-6	11=5-6	12=5/2	13=6/4	14=6/5
I. GENERAL ADMINISTRATION AND SUPPORT	11,188,899	11,188,899	(232,895)	10,956,004	6,394,386	8,477,703	6,296,851	-	4,794,513	2,478,301	97,535	2,180,852	75.77%	98.47%	74.28%
II. SUPPORT TO OPERATIONS	1,043,239	1,043,239	-	1,043,239	211,336	589,605	170,525	-	831,903	453,634	40,811	419,080	56.52%	80.69%	28.92%
III. OPERATIONS	19,426,701	19,426,701	-	19,426,701	10,351,314	17,479,222	9,694,311	-	9,075,387	1,947,479	657,002	7,784,911	89.98%	93.65%	55.46%
PROGRAM 1: IRRIGATION SYSTEMS RESTORATION PROGRAM	6,452,945	6,452,945	-	6,452,945	4,741,681	6,269,528	4,534,615	-	1,711,264	183,417	207,067	1,734,914	97.16%	95.63%	72.33%
SUB-PROGRAM 1: NATIONAL IRRIGATION SYSTEMS	6,247,321	6,247,321	-	6,247,321	4,618,694	6,070,917	4,416,155	-	1,628,627	176,404	202,539	1,654,762	97.18%	95.61%	72.74%
SUB-PROGRAM 2: COMMUNAL IRRIGATION SYSTEMS	15,730	15,730	-	15,730	3,261	10,964	3,261	-	12,469	4,766	-	7,703	69.70%	100.00%	29.74%
SUB-PROGRAM 3: OTHER IRRIGATION SYSTEMS	189,894	189,894	-	189,894	119,726	187,647	115,198	-	70,168	2,247	4,528	72,448	98.82%	96.22%	61.39%
PROGRAM 2: IRRIGATION SYSTEMS DEVELOPMENT PROGRAM	12,973,756	12,973,756	-	12,973,756	5,609,632	11,209,694	5,159,697	-	7,364,124	1,764,062	449,936	6,049,997	86.40%	91.98%	46.03%
SUB-PROGRAM 1: NEW NATIONAL IRRIGATION	5,068,636	5,068,636	-	5,068,636	1,812,147	4,186,514	1,562,818	-	3,256,489	882,122	249,329	2,623,696	82.60%	86.24%	37.33%
SUB-PROGRAM 2: ESTABLISHMENT OF PUMP IRRIGATION	2,201,782	2,201,782	-	2,201,782	978,045	1,706,257	887,777	-	1,223,737	495,525	90,268	818,480	77.49%	90.77%	52.03%
SUB-PROGRAM 3: SMALL RESERVOIR IRRIGATION	1,074,380	1,074,380	-	1,074,380	150,158	935,486	149,932	-	924,222	138,894	227	785,555	87.07%	99.85%	16.03%
SUB-PROGRAM 4: SPECIAL IRRIGATION	3,560,996	3,560,996	-	3,560,996	1,806,958	3,357,312	1,727,502	-	1,754,038	203,684	79,455	1,629,810	94.28%	95.60%	51.45%
SUB-PROGRAM 5: EXTENSION/EXPANSION OF EXISTING IRRIGATION SYSTEMS	466,962	466,962	-	466,962	333,443	431,316	302,786	-	133,519	35,646	30,657	128,530	92.37%	90.81%	70.20%
SUB-PROGRAM 6: OTHER IRRIGATION SYSTEMS	601,000	601,000	-	601,000	528,881	592,807	528,881	-	72,119	8,193	-	63,926	98.64%	100.00%	89.22%
TOTAL	31,658,839	31,658,839	(232,895)	31,425,944	16,957,036	26,546,530	16,161,688	-	14,701,803	4,879,414	795,348	10,384,842	83.85%	95.31%	60.88%
OTHERS															
I. Integrated Resources and Environment Management Project - International Fund for Agricultural Development - LP	-	173,774		173,774	59,749	150,087	59,749		114,025	23,687	-	90,338	86.37%	100.00%	39.81%
II. Special Provision No. 7	-	283,065		283,065	126,550	282,363	126,550		156,515	702	-	155,813	99.75%	100.00%	44.82%
TOTAL	-	456,839		456,839	186,299	432,450	186,299	-	270,540	24,389	-	246,151	94.66%	100.00%	43.08%

PARTICULARS	GAA	SARO	DBM VARIANCE	SARO NET OF VARIANCE	NCA	OBLIGATION	DISBURSEMENT	BALANCES					UTILIZATION RATE		
								UNRELEASED SARO	UNFUNDED SARO	UNOBLIGATED SARO	UNUTILIZED NCA	UNPAID OBLIGATION	OBLIGATION/ SARO	DISBURSEMENT/ NCA	DISBURSEMENT/ OBLIGATION
1	2	a	b	3 = a+b	4	5	6	7=2-3	8=3-4	9=3-5	10=4-6	11=5-6	12=5/2	13=6/4	14=6/5
GENERAL ADMINISTRATION AND SUPPORT															
Operating Subsidy	7,476,122	7,476,122	(232,895)	7,243,227	3,900,226	4,786,656	3,900,226	-	3,575,896	2,456,571	-	886,430	64.03%	100.00%	81.48%
Operation and Maintenance of NIS Pump Irrigation Systems	264,976	264,976		264,976	170,259	243,246	156,971	-	94,717	21,730	13,288	86,275	91.80%	92.20%	64.53%
Payment of NIAs Obligation to CE-Casencan for Water delivery fee	3,447,801	3,447,801		3,447,801	2,323,901	3,447,801	2,239,654	-	1,123,900	-	84,247	1,208,147	100.00%	96.37%	64.96%
TOTAL GENERAL ADMINISTRATION AND SUPPORT	11,188,899	11,188,899	(232,895)	10,956,004	6,394,386	8,477,703	6,296,851	-	4,794,513	2,478,301	97,535	2,180,852	75.77%	98.47%	74.28%
SUPPORT TO OPERATIONS															
Establishment of Farmland GIS	115,327	115,327		115,327	45,409	104,421	44,120	-	69,919	10,906	1,289	60,302	90.54%	97.16%	42.25%
Feasibility Study & Detailed Engineering (FSDE) and Pre-Engineering Activities of Various Projects	776,912	776,912		776,912	82,453	382,196	70,078	-	694,459	394,716	12,375	312,118	49.19%	84.99%	18.34%
Irrigation Management Transfer Support Services (IMTSS)	141,000	141,000		141,000	83,474	102,987	56,327	-	57,526	38,013	27,147	46,660	73.04%	67.48%	54.69%
Payment for ROW, Completion Works & Unpaid Claims and Damages of Completed Projects	10,000	10,000		10,000	-	-	-	-	10,000	10,000	-	-			
TOTAL SUPPORT TO OPERATIONS	1,043,239	1,043,239	-	1,043,239	211,336	589,605	170,525	-	831,903	453,634	40,811	419,080	56.52%	80.69%	28.92%
OPERATIONS															
PROGRAM 1: Irrigation Systems Restoration Program	6,452,945	6,452,945		6,452,945	4,741,681	6,269,528	4,534,615	-	1,711,264	183,417	207,067	1,734,914	97.16%	95.63%	72.33%
Sub-Program 1: National Irrigation Systems	6,247,321	6,247,321		6,247,321	4,618,694	6,070,917	4,416,155	-	1,628,627	176,404	202,539	1,654,762	97.18%	95.61%	72.74%
Climate Change Adaptation Works (National Systems)	1,100,000	1,100,000		1,100,000	670,279	1,044,066	655,118	-	429,721	55,934	15,161	388,947	94.92%	97.74%	62.75%
Improvement of Service Roads in National Irrigation Systems	650,000	650,000		650,000	534,402	629,403	500,810	-	115,598	20,597	33,592	128,593	96.83%	93.71%	79.57%
Repair of National Irrigation Systems	3,337,321	3,337,321		3,337,321	2,685,637	3,270,674	2,587,979	-	651,684	66,647	97,658	682,695	98.00%	96.36%	79.13%
Restoration of National Irrigation Systems	500,000	500,000		500,000	366,748	484,876	344,471	-	133,252	15,124	22,277	140,406	96.98%	93.93%	71.04%
Agos RIS Improvement Project, Quezon	90,000	90,000		90,000	37,315	89,595	17,397	-	52,685	405	19,918	72,198	99.55%	46.62%	19.42%
Lasang RIS Improvement Project, Davao del Norte	70,000	70,000		70,000	22,473	66,776	11,473	-	47,527	3,224	11,000	55,303	95.39%	51.05%	17.18%
Aligat-waasin RIS Improvement Project, Davao del Norte	100,000	100,000		100,000	79,297	99,726	79,297	-	20,703	274	-	20,428	99.73%	100.00%	79.52%
Colo Layac Balsik RIS Improvement Project, Bulacan	100,000	100,000		100,000	97,094	99,839	97,094	-	2,906	161	-	2,744	99.84%	100.00%	97.25%
Abra River Irrigation System Improvement Project, Bulacan	300,000	300,000		300,000	125,448	285,963	122,516	-	174,552	14,037	2,932	163,447	95.32%	97.66%	42.84%
Sub-Program 2: Communal Irrigation Systems	15,730	15,730		15,730	3,261	10,964	3,261	-	12,469	4,766	-	7,703	69.70%	100.00%	29.74%
Repair of Communal Irrigation Systems	15,730	15,730		15,730	3,261	10,964	3,261	-	12,469	4,766	-	7,703	69.70%	100.00%	29.74%
Sub-Program 3: Other Irrigation Systems	189,894	189,894		189,894	119,726	187,647	115,198	-	70,168	2,247	4,528	72,448	98.82%	96.22%	61.39%
Repair of Pump Irrigation Systems	189,894	189,894		189,894	119,726	187,647	115,198	-	70,168	2,247	4,528	72,448	98.82%	96.22%	61.39%
PROGRAM 2: Irrigation Systems Development Program	12,973,756	12,973,756		12,973,756	5,609,632	11,209,694	5,159,697	-	7,364,124	1,764,062	449,936	6,049,997	86.40%	91.98%	46.03%
Sub-Program 1: New National Irrigation	5,068,636	5,068,636		5,068,636	1,812,147	4,186,514	1,562,818	-	3,256,489	882,122	249,329	2,623,696	82.60%	86.24%	37.33%
Balog-Balog Multipurpose Project-Phase II	400,000	400,000		400,000	236,363	358,025	151,144	-	163,637	41,975	85,218	206,880	89.51%	63.95%	42.22%
Jalaur River Multipurpose Project - Stage II	1,819,088	1,819,088		1,819,088	100,000	1,435,923	54,609	-	1,719,088	383,165	45,391	1,381,314	78.94%	54.61%	3.80%
Peso-Counterpart Loan-Proceeds	1,023,125	1,023,125		1,023,125	100,000	639,960	54,609	-	923,125	383,165	45,391	585,351	62.55%	54.61%	8.53%
	795,963	795,963		795,963	-	795,963	-	-	795,963	-	-	795,963	100.00%		0.00%
Lower Apayao Irrigation Project, Apayao	50,000	50,000		50,000	7,002	49,422	7,002	-	42,998	578	-	42,420	98.84%	100.00%	14.17%
Ilocos Norte Irrigation Project - Stage II, Ilocos Norte	25,000	25,000		25,000	10,583	11,662	8,343	-	14,417	13,338	2,240	3,320	46.65%	78.83%	71.54%
Ilocos Sur Transbasin Project, Ilocos Sur	25,000	25,000		25,000	220	24,600	220	-	24,780	400	-	24,380	98.40%	100.00%	0.89%
Lower Agno River Irrigation System Improvement Project, Pangasinan	800,000	800,000		800,000	635,568	786,886	635,568	-	164,432	13,114	-	151,318	98.36%	100.00%	80.77%
Dabubu Irrigation Project, Isabela	30,472	30,472		30,472	22,663	30,472	22,663	-	7,809	-	-	7,809	100.00%	100.00%	74.37%
Dibulan River Irrigation Project, Isabela	23,205	23,205		23,205	18,466	23,133	18,466	-	4,739	72	-	4,667	99.69%	100.00%	79.83%
Tumauni River Multipurpose Project, Isabela	135,000	135,000		135,000	64,366	127,347	64,366	-	70,634	7,653	-	62,980	94.33%	100.00%	50.54%
Bayabas Irrigation Project, Bulacan	100,000	100,000		100,000	51,393	97,590	51,393	-	48,607	2,410	-	46,196	97.59%	100.00%	52.66%
Upper Gornain River Irrigation Project, Pangasinan	75,000	75,000		75,000	73,542	74,924	73,542	-	1,458	76	-	1,382	99.90%	100.00%	98.16%
North Lawis Palongohan IP, Zambales	65,000	65,000		65,000	42,992	61,017	42,992	-	22,008	3,983	-	18,025	93.87%	100.00%	70.46%
Marikit Irrigation Project, Nueva Ecija	25,000	25,000		25,000	3,358	25,000	3,358	-	21,642	-	-	21,642	100.00%	100.00%	13.43%
Hilabangan Irrigation Project, Negros Occidental	277,226	277,226		277,226	40,863	235,575	31,376	-	236,363	41,651	9,487	204,199	84.98%	76.78%	13.32%
Malogo Irrigation Project, Negros Occidental	200,000	200,000		200,000	4,503	7,732	4,503	-	195,497	192,268	-	3,229	3.87%	100.00%	58.24%
Panay River Basin Integrated Development Project (PRBIDP), Capiz	100,000	100,000		100,000	164	164	164	-	99,836	99,836	-	-	0.16%	100.00%	100.00%
Amlan Irrigation Project, Negros Oriental	31,137	31,137		31,137	16,543	27,378	15,603	-	14,594	3,759	940	11,775	87.93%	94.32%	56.99%

PARTICULARS	GAA	SARO	DBM VARIANCE	SARO NET OF VARIANCE	NCA	OBLIGATION	DISBURSEMENT	BALANCES					UTILIZATION RATE		
								UNRELEASED SARO	UNFUNDED SARO	UNOBLIGATED SARO	UNUTILIZED NCA	UNPAID OBLIGATION	OBLIGATION/ SARO	DISBURSEMENT/ NCA	DISBURSEMENT/ OBLIGATION
1	2	a	b	3 = a+b	4	5	6	7=2-3	8=3-4	9=3-5	10=4-6	11=5-6	12=5/2	13=6/4	14=6/5
Bohol Northeast Basin Multi-purpose Dam Project, Bohol	50,000	50,000		50,000	60	39,050	60	-	49,940	10,950	-	38,990	78.10%	100.00%	0.15%
Malinao Dam Improvement Project, Bohol	26,536	26,536		26,536	5,456	11,841	5,456	-	21,080	14,695	-	6,385	44.62%	100.00%	46.08%
Sta. Agueda-Datagon Irrigation Project, Negros Oriental	45,000	45,000		45,000	29,882	41,023	29,882	-	15,118	3,977	-	11,141	91.16%	100.00%	72.84%
Tanjay-Bais River Irrigation Project, Negros Oriental	100,000	100,000		100,000	40,503	96,491	39,756	-	59,497	3,509	746	56,734	96.49%	98.16%	41.20%
Bugko Irrigation Project, Northern Samar	41,540	41,540		41,540	29,408	41,540	1,847	-	12,132	-	27,561	39,693	100.00%	6.28%	4.45%
Lower Sibuguey I RIS Extension Project, Zamboanga Sibugay	62,000	62,000		62,000	51,574	58,710	51,574	-	10,426	3,290	-	7,136	94.69%	100.00%	87.85%
Ditsaan-Ramain Irrigation Project, Lanao del Sur	100,614	100,614		100,614	26,514	91,316	26,514	-	74,100	9,298	-	64,802	90.76%	100.00%	29.04%
Talakag Irrigation Project Phase II, Bukidnon	120,000	120,000		120,000	71,284	111,850	71,284	-	48,716	8,150	-	40,566	93.21%	100.00%	63.73%
Manat NIP, Compostella Valley	100,000	100,000		100,000	72,544	98,641	45,206	-	27,456	1,359	27,338	53,434	98.64%	62.32%	45.83%
Malitubog-Maridagao Irrigation Project Phase II, North Cotabato	141,818	141,818		141,818	86,100	141,626	82,711	-	55,718	192	3,389	58,915	99.86%	96.06%	58.40%
Kabulan 2 Multipurpose Irrigation & Power Project, Sultan Kudarat	50,000	50,000		50,000	45,154	30,683	8,213	-	4,846	19,317	36,941	22,470	61.37%	18.19%	26.77%
Lebak Integrated River Irrigation Project, Sultan Kudarat	30,000	30,000		30,000	12,577	29,936	8,820	-	17,423	64	3,757	21,116	99.79%	70.13%	29.46%
Uja Integrated Irrigation Project, Maguindanao	5,000	5,000		5,000	5,000	3,531	3,495	-	-	1,469	1,505	36	70.61%	69.90%	98.99%
Bislig City Integrated Development Project-IC, Surigao Del Sur	5,000	5,000		5,000	5,000	4,145	309	-	-	855	4,691	3,836	82.90%	6.18%	7.45%
Libang Irrigation Project, Agusan del Sur	10,000	10,000		10,000	2,500	9,282	2,376	-	7,500	718	124	6,906	92.82%	95.05%	25.60%
Sub-Program 2: Establishment of Pump Irrigation	2,201,782	2,201,782		2,201,782	978,045	1,706,257	887,777	-	1,223,737	495,525	90,268	818,480	77.49%	90.77%	52.03%
Chico River Pump Irrigation Project	1,401,782	1,401,782		1,401,782	558,012	935,178	514,896	-	843,770	466,604	43,117	420,282	66.71%	92.27%	55.06%
Peso-Counterpart	501,782	501,782		501,782	54,954	35,178	11,838	-	446,828	466,604	43,117	23,340	7.01%	21.54%	33.65%
Loan-Proceeds	900,000	900,000		900,000	503,058	900,000	503,058	-	396,942	-	-	396,942	100.00%	100.00%	55.90%
EGPIP-Solar Power-Driven Pump Irrigation Projects	800,000	800,000		800,000	420,033	771,079	372,881	-	379,967	28,921	47,152	398,198	96.38%	88.77%	48.36%
Sub-Program 3: Small Reservoir Irrigation	1,074,380	1,074,380		1,074,380	150,158	935,486	149,932	-	924,222	138,894	227	785,555	87.07%	99.85%	16.03%
Bayabas Small Reservoir Irrigation Project	10,000	10,000		10,000	1,247	10,000	1,247	-	8,753	-	-	8,753	100.00%	100.00%	12.47%
Dumoloc Small Reservoir Irrigation Project	150,000	150,000		150,000	14,599	150,000	14,599	-	135,401	-	-	135,401	100.00%	100.00%	9.73%
Gaco Small Reservoir Irrigation Project	50,000	50,000		50,000	2,536	49,691	2,536	-	47,464	309	-	47,155	99.38%	100.00%	5.10%
Sulvec Small Reservoir Irrigation Project	69,130	69,130		69,130	32,055	68,408	32,055	-	37,075	722	-	36,354	98.96%	100.00%	46.86%
Bulo Small Reservoir Irrigation Project, Bulacan	15,000	15,000		15,000	11,739	12,021	11,739	-	3,261	2,979	-	282	80.14%	100.00%	97.65%
Balbalungao Small Reservoir Irrigation Project, Nueva Ecija	280,000	280,000		280,000	28,731	280,000	28,731	-	251,269	-	-	251,269	100.00%	100.00%	10.26%
Macalelon Small Reservoir Irrigation Project	100,000	100,000		100,000	17,078	98,676	17,078	-	82,922	1,324	-	81,598	98.68%	100.00%	17.31%
Ibato-Iraan Small Reservoir Irrigation Project, Palawan	50,000	50,000		50,000	6,119	47,660	6,016	-	43,881	2,340	104	41,645	95.32%	98.31%	12.62%
Ibingan Small Reservoir Irrigation Project, Sorsogon	20,250	20,250		20,250	1,350	18,392	1,227	-	18,900	1,858	123	17,165	90.83%	90.89%	6.67%
Bayuyan Small Reservoir Irrigation Project	100,000	100,000		100,000	473	620	473	-	99,527	99,380	-	147	0.62%	100.00%	76.27%
Cabano Small Reservoir Irrigation Project	50,000	50,000		50,000	73	43,423	73	-	49,927	6,577	-	43,350	86.85%	100.00%	0.17%
Benliw Small Reservoir Irrigation Project	22,500	22,500		22,500	5,135	15,899	5,135	-	17,365	6,601	-	10,764	70.66%	100.00%	32.30%
Bonotbonot Small Reservoir Irrigation Project	22,500	22,500		22,500	202	11,245	202	-	22,298	11,255	-	11,043	49.98%	100.00%	1.79%
Calunasan Small Reservoir Irrigation Project	100,000	100,000		100,000	682	94,589	682	-	99,318	5,411	-	93,908	94.59%	100.00%	0.72%
Hibale Small Reservoir Irrigation Project	5,000	5,000		5,000	3,163	4,967	3,163	-	1,837	33	-	1,805	99.35%	100.00%	63.67%
Manmay Small Reservoir Irrigation Project	20,000	20,000		20,000	15,135	19,975	15,135	-	4,865	25	-	4,840	99.87%	100.00%	75.77%
Tulunian Small Reservoir Irrigation Project	10,000	10,000		10,000	9,843	9,919	9,843	-	157	81	-	75	99.19%	100.00%	99.24%
Sub-Program 4: Special Irrigation	3,560,996	3,560,996		3,560,996	1,806,958	3,357,312	1,727,502	-	1,754,038	203,684	79,455	1,629,810	94.28%	95.60%	51.45%
Balikatan Sagip Patubig Program (BSPP)	72,000	72,000		72,000	19,284	65,805	19,284	-	52,716	6,195	-	46,521	91.40%	100.00%	29.31%
Small Irrigation Projects (SIP)	3,488,996	3,488,996		3,488,996	1,787,673	3,291,507	1,708,218	-	1,701,323	197,489	79,455	1,583,289	94.34%	95.56%	51.90%
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems	466,962	466,962		466,962	333,443	431,316	302,786	-	133,519	35,646	30,657	128,530	92.37%	90.81%	70.20%
Extension/Expansion of Existing Communal Irrigation Systems	370,650	370,650		370,650	261,093	338,140	246,299	-	109,557	32,510	14,794	91,841	91.23%	94.33%	72.84%
Extension/Expansion of Existing National Irrigation Systems	96,312	96,312		96,312	72,350	93,176	56,488	-	23,962	3,136	15,862	36,689	96.74%	78.08%	60.62%
Sub-Program 6: Other Irrigation Systems	601,000	601,000		601,000	528,881	592,807	528,881	-	72,119	8,193	-	63,926	98.64%	100.00%	89.22%
Comprehensive Agrarian Reform Program-Irrigation Component (CARP-IC)	601,000	601,000		601,000	528,881	592,807	528,881	-	72,119	8,193	-	63,926	98.64%	100.00%	89.22%
TOTAL OPERATIONS	19,426,701	19,426,701	-	19,426,701	10,351,314	17,479,222	9,694,311	-	9,075,387	1,947,479	657,002	7,784,911	89.98%	93.65%	55.46%
GRAND TOTAL	31,658,839	31,658,839	(232,895)	31,425,944	16,957,036	26,546,530	16,161,688	-	14,701,803	4,879,414	795,348	10,384,842	83.85%	95.31%	60.88%

PARTICULARS	GAA	SARO	DBM VARIANCE	SARO NET OF VARIANCE	NCA	OBLIGATION	DISBURSEMENT	BALANCES					UTILIZATION RATE		
								UNRELEASED SARO	UNFUNDED SARO	UNOBLIGATED SARO	UNUTILIZED NCA	UNPAID OBLIGATION	OBLIGATION/ SARO	DISBURSEMENT/ NCA	DISBURSEMENT/ OBLIGATION
1	2	a	b	3 = a+b	4	5	6	7=2-3	8=3-4	9=3-5	10=4-6	11=5-6	12=5/2	13=6/4	14=6/5
Others	-														
I. Integrated Resources and Environment Management Project - International Fund for Agricultural Development - LP		173,774		173,774	59,749	150,087	59,749		114,025	23,687	-	90,338	86.37%	100.00%	39.81%
II. Special Provision No. 7		283,065		283,065	126,550	282,363	126,550	-	156,515	702	-	155,813	99.75%	100.00%	44.82%
Balog-Balog MPIP, Phase II, Tairac		20,000		20,000	11,955	19,895	11,955		8,045	105	-	7,940	99.48%	100.00%	60.09%
Extension/Expansion of Existing Communal Irrigation Systems		1,314		1,314	47	1,314	47		1,267	-	-	1,267	100.00%	100.00%	3.58%
EGPIP-Solar Power-Driven Pump Irrigation Projects		26,400		26,400	5,918	26,339	5,918		20,482	61	-	20,421	99.77%	100.00%	22.47%
Improvement of Service Roads in National Irrigation Systems		5,000		5,000	-	4,952	-		5,000	48	-	4,952	99.05%		0.00%
Mabini-Cayacay Small Reservoir Irrigation Project, Bohol		25,000		25,000	-	25,000	-		25,000	-	-	25,000	100.00%		0.00%
Extension/Expansion of Existing National Irrigation Systems		20,000		20,000	13,116	20,000	13,116		6,884	-	-	6,884	100.00%	100.00%	65.58%
Repair of National Irrigation System		156,665		156,665	87,242	156,177	87,242		69,423	488	-	68,935	99.69%	100.00%	55.86%
Restoration of Communal Irrigation System		28,686		28,686	8,271	28,686	8,271		20,414	-	-	20,414	100.00%	100.00%	28.83%
GRAND TOTAL		456,839	-	456,839	186,299	432,450	186,299		270,540	24,389	-	246,151	94.66%	100.00%	43.08%



Republika ng Pilipinas
National Irrigation Administration
(Pambansang Pangasiwaan ng Patubig)
Lungsod ng Quezon

Annex D

PROJECT PREPARATION ACTIVITIES
FEASIBILITY STUDY AND DETAILED ENGINEERING FOR IRRIGATION PROJECTS
As of 30 DECEMBER 2021

REGION	ALLOCATION (P'000)	CY 2021 PROGRAM & ACCOMPLISHMENT					
		NUMBER OF PROJECTS					
		PROGRAM		COMPLETED			
				No. of Projects		%	
		FS	DE	FS	DE	FS	DE
CAR	84,857	2	2			-	-
1	33,200	1	-			-	-
2 (Proper)	23,322	1	11			-	-
3 (Proper)	115,657	7	4	4		57	-
4-A	19,322	1	19	1		100	-
4-B	49,079	-	1			-	-
5	80,493	3	5	1		33	-
6	40,211	1	1			-	-
7	47,132	-	14			-	-
8	25,107	1	26			-	-
9	16,064	-	28			-	-
10	85,985	3	3			-	-
11	52,967	-	4			-	-
12	26,207	-	5			-	-
13	73,709	3	-			-	-
UPRIIS	450					-	-
MARIIS	3,150					-	-
TOTAL	776,912	23	123	6	0	26	-

**STATUS OF IRRIGATION DEVELOPMENT
BASED ON INVENTORY
as of December 31, 2020
In Hectares**

REGION	ESTIMATED TOTAL IRRIGABLE AREA a/	Service Area (ha.)					%
		NATIONAL IRRIGATION SYSTEM	COMMUNAL IRRIGATION SYSTEM	PRIVATE IRRIGATION SYSTEM	OTHER GOVERNMENT AGENCY ASSISTED	Total	
CAR	111,295.65	21,005.32	58,573.73	21,359.50	3,523.52	104,462.07	93.86
REGION 1	264,491.00	72,449.44	70,176.15	19,838.70	48,430.33	210,894.62	79.74
REGION 2	457,246.76	182,565.81	58,249.96	42,619.02	20,626.00	304,060.79	66.50
REGION 3	483,830.18	242,358.51	83,804.95	8,645.47	17,788.04	352,596.97	72.88
REGION 4A	85,929.00	30,012.27	27,714.25	6,505.00	2,408.00	66,639.52	77.55
REGION 4B	143,558.95	35,817.46	49,621.08	13,761.71	12,596.00	111,796.25	77.87
REGION 5	239,440.00	24,252.14	77,770.51	25,112.00	17,377.82	144,512.47	60.35
REGION 6	191,253.16	59,308.78	46,411.27	15,083.27	14,441.30	135,244.62	70.71
REGION 7	53,674.35	20,870.80	30,781.00	3,485.00	1,462.50	56,599.30	105.45
REGION 8	91,982.90	29,842.42	42,060.33	6,647.75	2,751.00	81,301.50	88.39
REGION 9	93,706.00	19,520.41	27,591.98	1,944.00	3,458.00	52,514.39	56.04
REGION 10	121,122.69	34,304.29	33,788.40	8,371.79	5,645.56	82,110.04	67.79
REGION 11	177,546.92	39,230.63	32,786.93	1,085.00	1,585.27	74,687.83	42.07
REGION 12	293,226.24	72,494.35	44,692.55	2,840.00	10,276.00	130,302.90	44.44
REGION 13	160,176.75	38,756.58	31,968.15	3,113.00	6,171.00	80,008.73	49.95
ARMM	160,150.45	32,864.59	21,411.08	90.00	295.00	54,660.67	34.13
Total	3,128,631.00	955,653.79	737,402.32	180,501.21	168,835.34	2,042,392.66	65.28

a/ - Estimated Total Irrigable Area (ETIA) is based on the 3% slope criteria.

For regions with service areas greater than the ETIA, it means that more area are now irrigated beyond the ETIA.

SERVICE AND IRRIGATED AREA OF NATIONAL IRRIGATION SYSTEMS
CROP YEAR 2020-2021
As of December 31, 2021

NIA REGION	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ha)									IRRIGATED CROPPING INTENSITY (%)
		WET SEASON			DRY SEASON			THIRD CROP			
		PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	
CAR	26,561	18,880	19,600	103.81	18,860	20,288	107.57	-	-	-	150.17
1	61,074	56,388	58,239	103.28	43,276	51,508	119.02	3,362	8,233	244.90	179.69
2	66,791	57,345	58,308	101.68	60,406	53,503	88.57	-	8,488	-	167.40
MRIIS	86,938	85,872	86,112	100.28	85,702	85,856	100.18	-	-	-	197.81
3	78,297	55,700	55,901	100.36	54,859	55,135	100.50	493	766	155.44	141.81
UPRIIS	144,498	138,638	143,441	103.46	107,792	142,909	132.58	2,242	5,374	239.68	198.17
4-A	17,962	14,353	13,448	93.69	14,343	13,253	92.40	-	569	-	148.65
4-B	25,326	24,654	24,746	100.37	24,117	24,428	101.29	654	833	127.31	194.17
5	23,753	21,503	21,467	99.83	20,772	21,230	102.21	-	-	-	179.76
6	47,103	44,117	44,181	100.14	40,819	43,066	105.51	5,862	6,973	118.95	185.22
7	15,000	12,703	13,034	102.61	12,688	12,879	101.51	20	65	325.00	172.76
8	22,668	20,628	20,635	100.04	20,545	20,606	100.30	-	-	-	181.94
9	15,836	15,183	15,286	100.67	15,183	15,327	100.95	-	-	-	193.31
10	30,919	36,132	26,476	73.28	25,713	25,772	100.23	3,150	4,562	144.84	168.99
11	36,092	31,578	31,419	99.50	31,542	31,410	99.58	-	-	-	174.08
12	86,678	80,343	80,343	100.00	79,885	79,878	99.99	-	-	-	184.85
13	30,507	25,822	26,624	103.11	26,006	26,623	102.37	-	-	-	174.54
TOTAL	816,003	739,840	739,260	99.92	682,507	723,672	106.03	15,783	35,863	227.23	179.28

NOTE:

Dry Season - November 2020 to April 2021

Wet Season - May 2021 to October 2021

Regions 8 & 13 have inverted cropping season

SERVICE AND IRRIGATED AREA OF COMMUNAL IRRIGATION SYSTEMS
CROP YEAR 2020-2021
As of December 31, 2021

NIA REGION	FIRMED-UP SERVICE AREA a/	IRRIGATED AREA (ha)									IRRIGATED CROPPING INTENSITY (%)
		WET SEASON			DRY SEASON			THIRD CROP (QTA)			
		PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	
CAR	53,990	41,683	42,686	102.41	40,062	40,832	101.92	4,665	4,665	100.00	154.69
1	61,736	50,325	53,536	106.38	36,265	37,112	102.34	2,219	3,293	148.40	146.83
2	52,918	40,390	39,960	98.94	40,390	40,373	99.96	-	1,554	-	151.81
3	72,192	58,411	60,087	102.87	54,008	55,816	103.35	-	-	-	160.55
4-A	23,082	16,749	16,430	98.10	17,188	16,781	97.63	-	-	-	143.88
4-B	43,453	38,876	38,993	100.30	36,976	37,289	100.85	2,997	3,123	-	175.55
5	52,185	40,463	40,858	100.97	40,426	40,738	100.77	-	-	-	156.36
6	38,367	28,572	30,484	106.69	25,587	27,953	109.25	3,009	4,652	154.60	152.31
7	24,259	21,951	21,930	99.90	21,824	21,880	100.25	2,060	2,083	101.12	180.59
8	38,550	25,786	26,272	101.88	25,820	26,115	101.15	-	-	-	135.89
9	27,041	17,794	18,507	104.01	17,794	17,558	98.67	-	-	-	133.37
10	30,795	22,036	20,017	90.84	20,347	20,342	99.98	-	103	-	131.06
11	29,482	22,021	22,599	102.62	21,966	22,563	102.72	-	-	-	153.19
12	48,211	40,074	40,550	101.19	42,602	39,621	93.00	-	585	-	166.29
13	24,241	18,111	17,065	94.23	18,111	18,160	100.27	-	-	-	145.31
TOTAL	620,502	483,242	489,975	101.39	459,366	463,134	100.82	14,950	20,059	134.18	153.60

NOTE:

a/ - Inventory as of December 31, 2018

Dry Season - November 2018 to April 2019

Wet Season - May 2019 to October 2019

Regions 8 & 13 have inverted cropping season

**INSTITUTIONAL DEVELOPMENT PROGRAM ACCOMPLISHMENT UNDER
IRRIGATION MANAGEMENT TRANSFER SUPPORT SERVICES
as of December 31, 2021**

PARTICULARS		NIS	CIS	NIP/SIS/SRIS	TOTAL
As of December 31, 2020 (Overall)					
IA ORGANIZED					
-	Number of IAs	3,184	6,248	1,709	11,141
-	Area Covered (ha.)	861,651.85	581,266.43	172,233.22	1,615,151.49
-	Farmer-Beneficiaries	659,054	491,037	140,208	1,290,299
-	Members	589,383	447,286	89,349	1,126,018
IA REGISTERED					
-	Number of IAs	3,128	5,839	1,586	10,553
-	Area Covered (ha.)	851,029.35	557,260.38	161,867.12	1,570,156.85
-	Farmer-Beneficiaries	651,967	475,350	130,353	1,257,670
-	Members	584,149	433,736	83,969	1,101,854
MODIFIED IMT CONTRACTS					
-	Number of IAs	2,969	5,152	778	8,899
-	Area Covered (ha.)	859,030.51	488,923.02	58,638.35	1,406,591.88
-	Farmer-Beneficiaries	629,827	420,271	44,364	1,094,462
-	Members	569,429	391,144	38,426	999,106
CIS O&M TURNOVER					
-	Number of IAs	N/A	5,360	713	6,073
-	Area Covered (ha.)	N/A	490,882.21	51,869.81	542,752.02
-	Farmer-Beneficiaries	N/A	421,269	41,599	462,868
-	Members	N/A	396,381	35,969	432,350
ENHANCED PARTNERSHIP AGAINST HUNGER AND POVERTY (EPAHP)					
-	Number of IAs	321	135	3	459
-	Number of FIAs	34	10		44
-	Number of MOA/MOU Signed	55	38	3	96
-	Number of Farmers	36,338	2,987	168	39,493
For CY 2020 (For the Year)					
IA STRENGTHENING					
-	Number of IAs				2,406
-	Area Covered (ha.)				434,114.32
-	Farmer-Beneficiaries				252,729
IA SUSTENANCE					
-	Number of IAs				2,990
-	Area Covered (ha.)				699,201.16
-	Farmer-Beneficiaries				506,457
MODIFIED IMT CONTRACTS					
•	New Contract				
-	Number of IAs				521
-	Area Covered (ha.)				52,967.04
-	Farmer-Beneficiaries				44,410
CAPACITY BUILDING FOR IA					
-	Number of IAs				8,827
-	Number of Batches				6,543
-	Number of Participants				119,525
CAPACITY BUILDING FOR STAFF					
-	Number of Batches				2,274
-	Number of Participants				45,697
ASSISTANCE PROGRAM/INTER-AGENCY COORDINATION					
-	Number of IAs				9,546
-	Number of Batches				4,846
-	Number of Participants				89,309
ENHANCED PARTNERSHIP AGAINST HUNGER AND POVERTY					
-	Number of IAs				360
-	Number FIAs				22
-	Number of MOA/MOU Signed				86
-	Number of Farmers				7,508

STATUS OF NIA EQUIPMENT
As of December 31, 2021

Region/ Office	Heavy Equipment (H)				Light Equipment (L)				Other Equipment (O)				Special Equipment (S)				Total					Percent Operable (%)				Overall Percent Operability
	A1	A2	A3	R	A1	A2	A3	R	A1	A2	A3	R	A1	A2	A3	R	H	L	O	S	TOTAL	H	L	O	S	
1	5	12	6	-	20	96	22	1	1	33	-	3	1	10	-	-	23	139	37	11	210	74	84	100	100	86
2	10	17	8	6	12	139	12	13	8	21	9	19	-	1	1	-	41	176	57	2	276	77	93	76	50	87
3	5	21	5	3	44	137	6	28	31	24	3	25	2	7	1	4	34	215	83	14	346	84	97	95	90	95
4-A	4	13	2	1	31	97	3	3	1	6	2	10	1	3	1	-	20	134	19	5	178	89	98	78	80	95
4-B	5	14	8	9	18	86	33	50	6	5	6	22	-	-	-	-	36	187	39	-	262	70	76	65	-	74
5	2	8	-	10	8	51	6	33	-	23	11	67	4	4	2	1	20	98	101	11	230	100	91	68	80	84
6	9	7	12	37	46	99	12	58	2	26	33	70	2	10	2	4	65	215	131	18	429	57	92	46	86	77
7	3	16	10	12	13	77	17	55	41	53	16	43	1	-	-	-	41	162	153	1	357	66	84	85	-	83
8	3	11	16	6	13	76	12	44	8	61	13	49	-	-	1	3	36	145	131	4	316	47	88	84	-	80
9	4	4	7	-	22	32	9	1	15	8	5	-	1	-	-	-	15	64	28	1	108	53	86	82	-	80
10	4	9	10	28	16	77	19	27	4	7	3	2	-	-	1	-	51	139	16	1	207	57	83	79	-	78
11	4	17	4	7	12	65	10	7	56	30	6	1	2	-	3	1	32	94	93	6	225	84	89	93	40	89
12	6	37	28	13	9	127	27	122	9	27	11	51	-	-	-	-	84	285	98	-	467	61	83	77	-	77
13	5	23	10	33	13	98	55	89	5	36	75	45	-	-	-	-	71	255	161	-	487	74	67	35	-	56
CAR	2	5	5	2	8	59	13	15	-	3	4	2	-	-	-	-	14	95	9	-	118	58	84	43	-	78
MRIIS	15	10	5	4	10	158	11	22	22	43	5	10	5	10	2	-	34	201	80	17	332	83	94	93	88	92
UPRIIS	5	15	-	5	29	117	-	24	50	85	-	17	10	11	-	3	25	170	152	24	371	100	100	100	100	100
BBMP	1	1	3	-	15	14	5	-	9	6	-	-	-	-	-	-	5	34	15	-	54	40	85	100	-	85
ARIIP	-	-	-	-	-	11	-	-	-	1	-	-	-	-	-	-	-	11	1	-	12	-	100	100	-	100
HCAAP	-	3	4	-	-	15	7	6	-	23	2	1	-	36	-	-	7	28	26	36	97	43	68	92	100	86
CO	-	-	-	-	26	25	-	-	-	-	-	-	-	-	-	-	-	51	-	-	51	-	100	-	-	100
JRMP2	7	4	-	-	21	46	-	-	11	20	-	-	-	-	-	-	11	67	31	-	109	100	100	100	-	100
TOTAL	99	247	143	176	386	1,702	279	598	279	541	204	437	29	92	14	16	665	2,965	1,461	151	5,242	71	88	80	90	84

NOTE:

A1 - Operable Equipment
A2 - Operating Intermittently & less reliable Equipment
A3 - Non-Operable Equipment needing repair
R - Equipment recommended for disposal

Heavy Equipment (H)
Cranes, Bulldozers, Excavators, etc.
Light Equipment (L)
Service Vehicles, Motorcycles, etc.

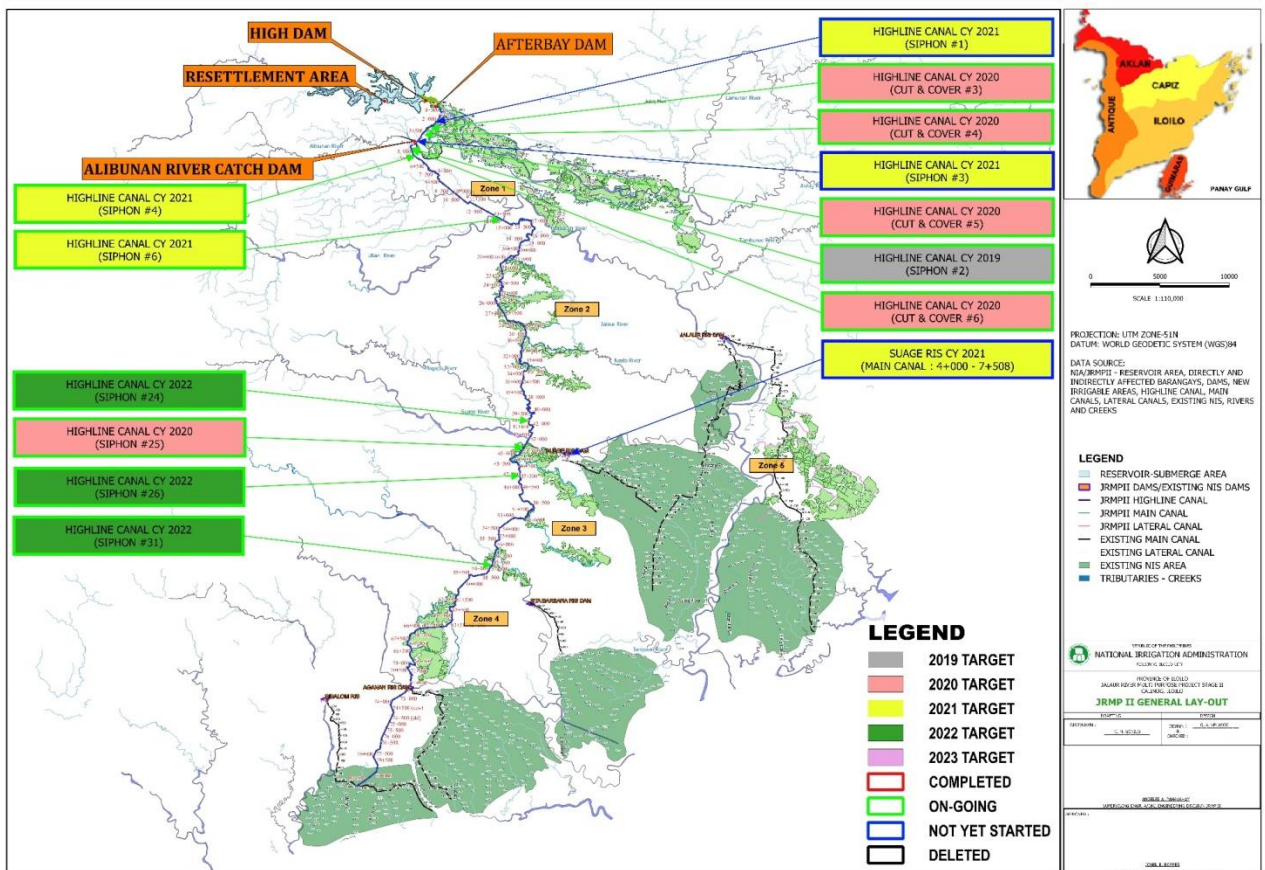
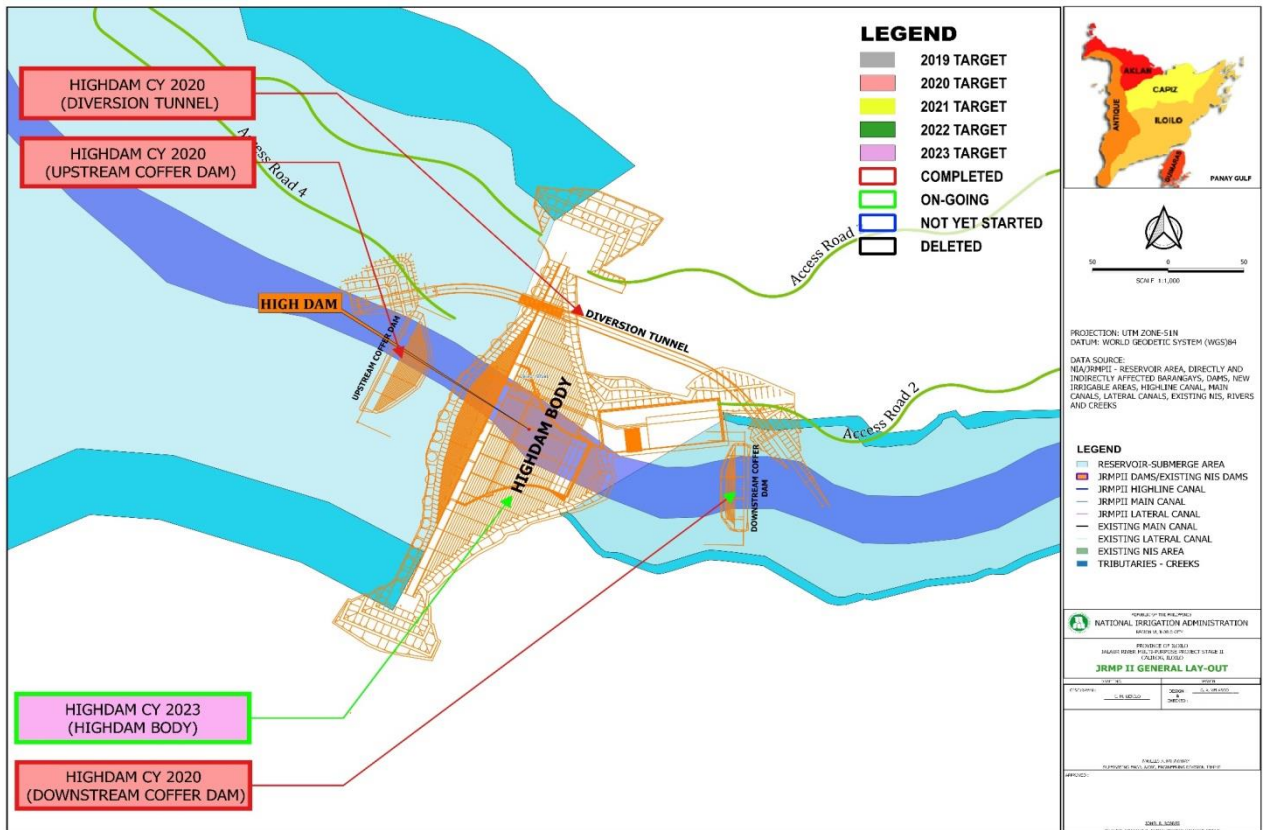
Other Equipment (O)
Chainsaws, Motorboats, etc.
Special Equipment (S)
Drilling Rings, Rice Threshers, etc

Overall % Operability = $\frac{A1+A2}{A1+A2+A3} \times 100$

PICTORIALS

1. Jalaur River Multipurpose Project – Stage II

a. Project Layout



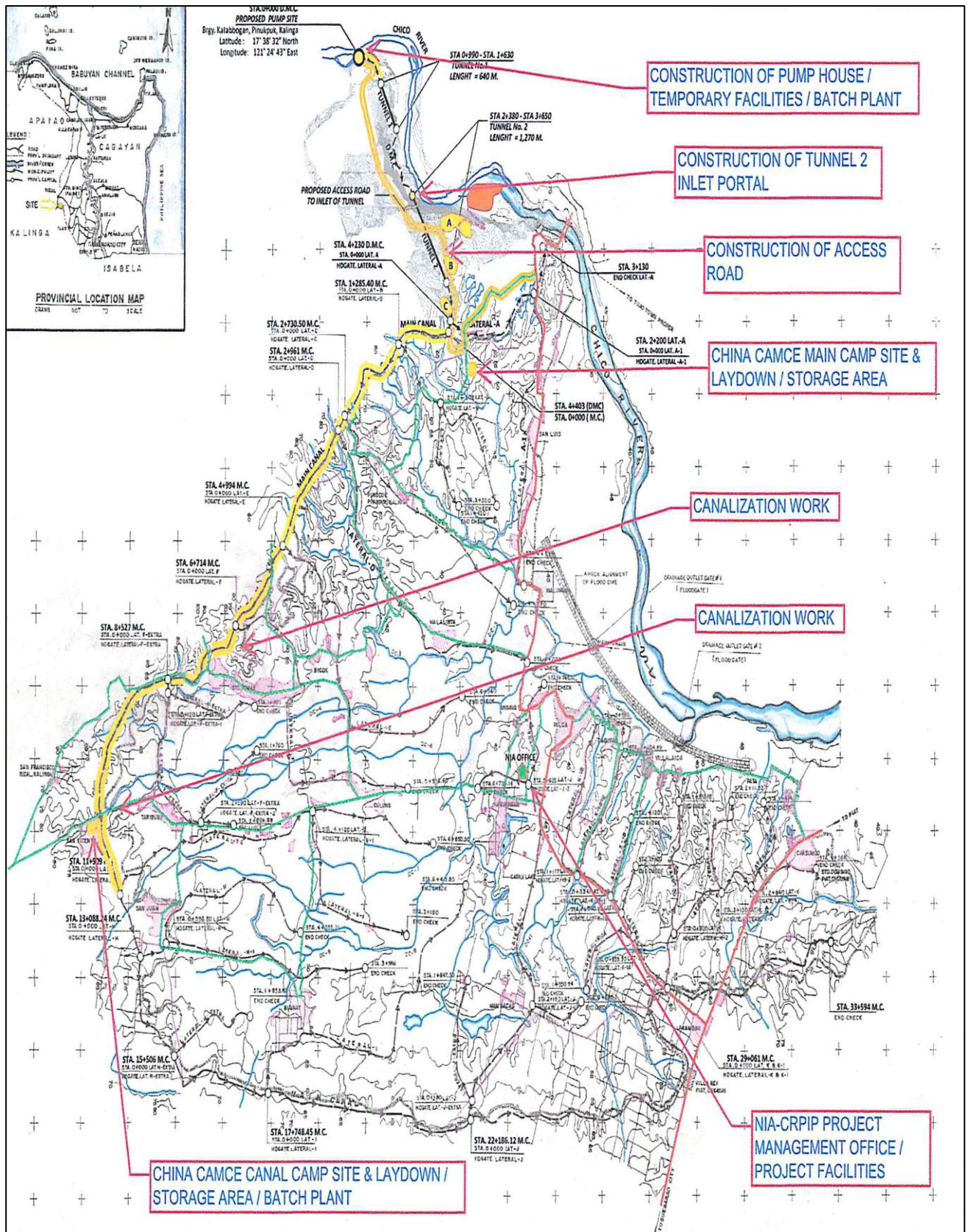
b. Progress Pictures



Resettlement Area

2. Chico River Pump Irrigation Project

a. Project Layout



b. Progress Pictures



Completed Pump House Structure

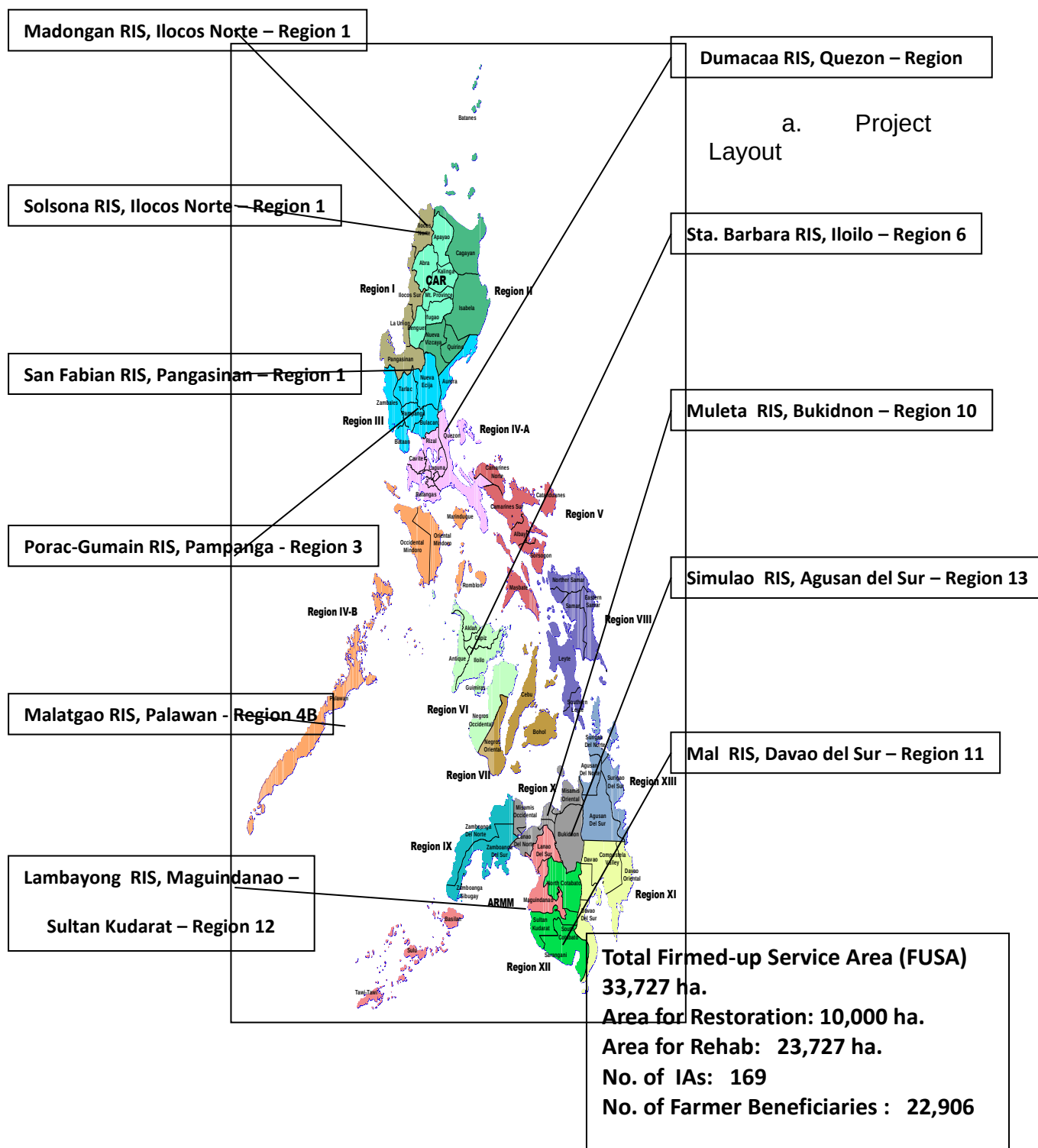


69KV Substation



Ongoing Construction of Lateral Canal

3. National Irrigation Sector Rehabilitation and Improvement Project



b. Progress Pictures



Alsam Dam, Dumacaa RIS



IA Office with Support Facilities,
Lambayong RIS

San Fabian Dam, San Fabian RIS



4. Integrated Resources and Environment Management Project (INREMP)

a. Progress Pictures

MAPANTAO-LUBO & BARARAY CIS



TUNGCOBAN CIS



NIOG POLO CIS



PANGADAPUN CIS



GAMOT CIS

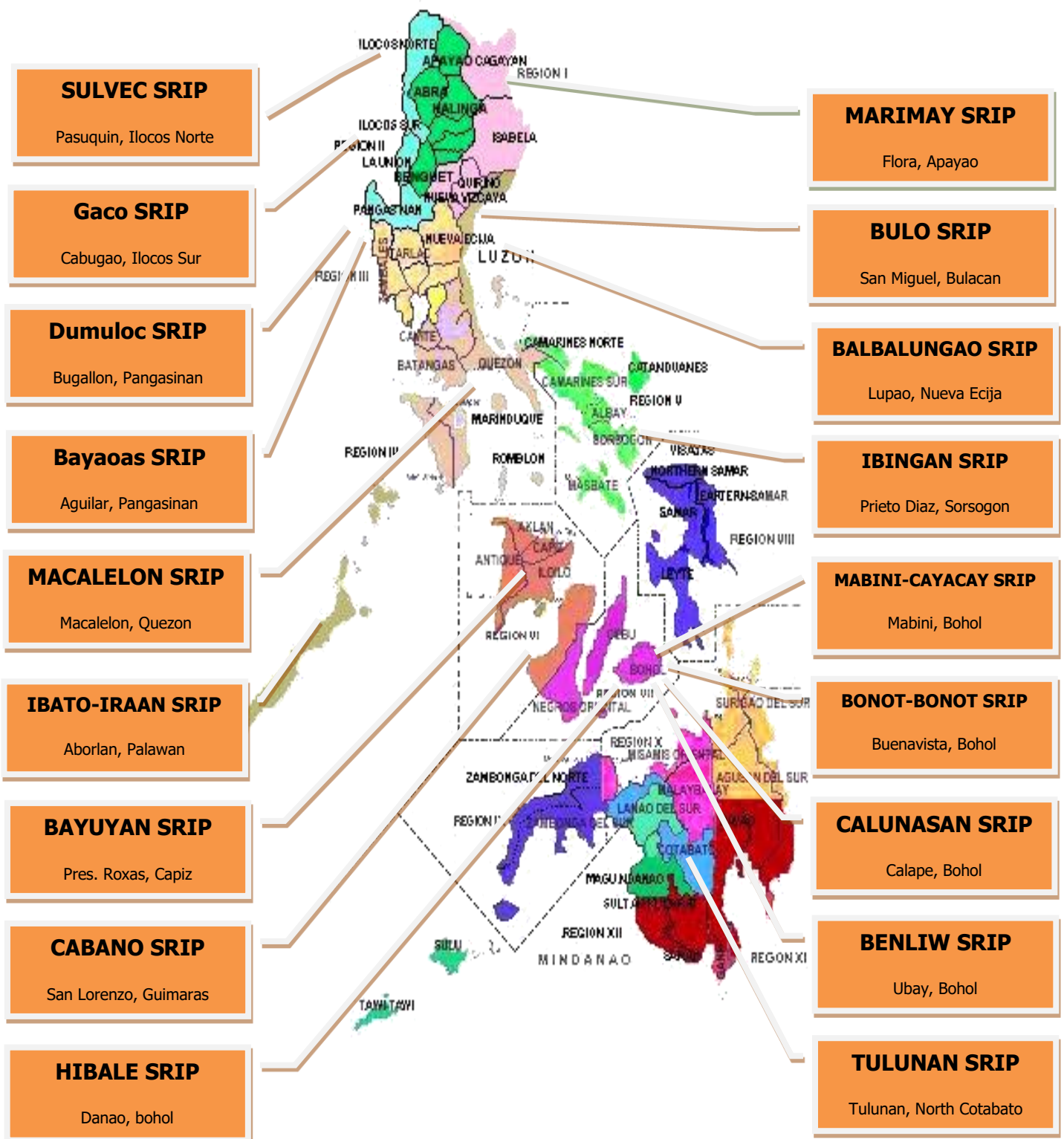


KIANODAN MAPOLING CIS



5. Small Reservoir Irrigation Project

a. Project Layout



b. Progress Pictures



Embankment Dam, **MARIMAY SRIP**



Construction of Canals
BAYAOAS SRIP





Construction of Field Office, DUMULOC SRIP



Completed Field Office, GACO SRIP





Ongoing construction @ Spillway
Area & Diversion Conduit,
SULVEC SRIP



Ongoing construction of
Diversion Conduit, **BULO SRIP**





Construction of Embankment Dam, **BALBALUNGAO SRIP**



Concreting
Works @
Diversion
Conduit,
**Balbalungao
SRIP**



Solar Panel & Pump House of
Main Canal 2,
MACALELON SRIP

Canal lining of Main Canal 2,
MACALELON SRIP





Construction of Spillway,
IBATO-IRAAN SRIP



Construction of Additional Facilities,
IBATO-IRAAN SRIP



Water Distribution Systems with Deep Well



Access Road with Slope Protection



Gravel Bedding & Riprap, Spillway Area **IBINGAN SRIP**



Canal Lining & Structures,
BAYUYAN SRIP



Completed Benchflume
CABANO SRIP





Completed Embankment Dam, **BENLIW SRIP**



Spillway structure, **BONOT-BONOT SRIP**



Irrigation Facilities, **BONOT-BONOT SRIP**





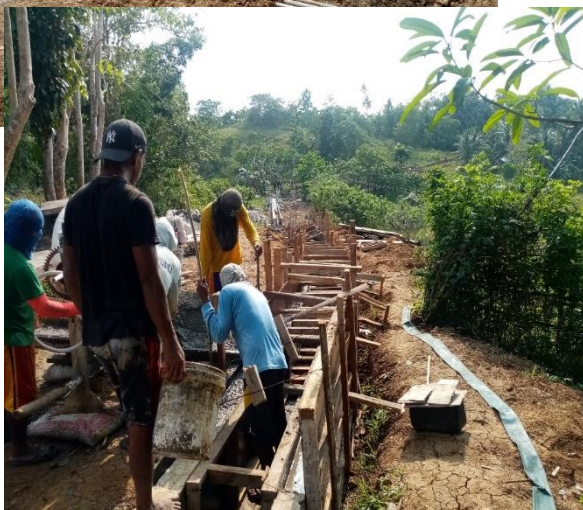
Diversion Conduit,
CALUNASAN SRIP



Canals & Canal Structures, **CALUNASAN SRIP**



Canals & Canal Structures, **HIBALE SRIP**

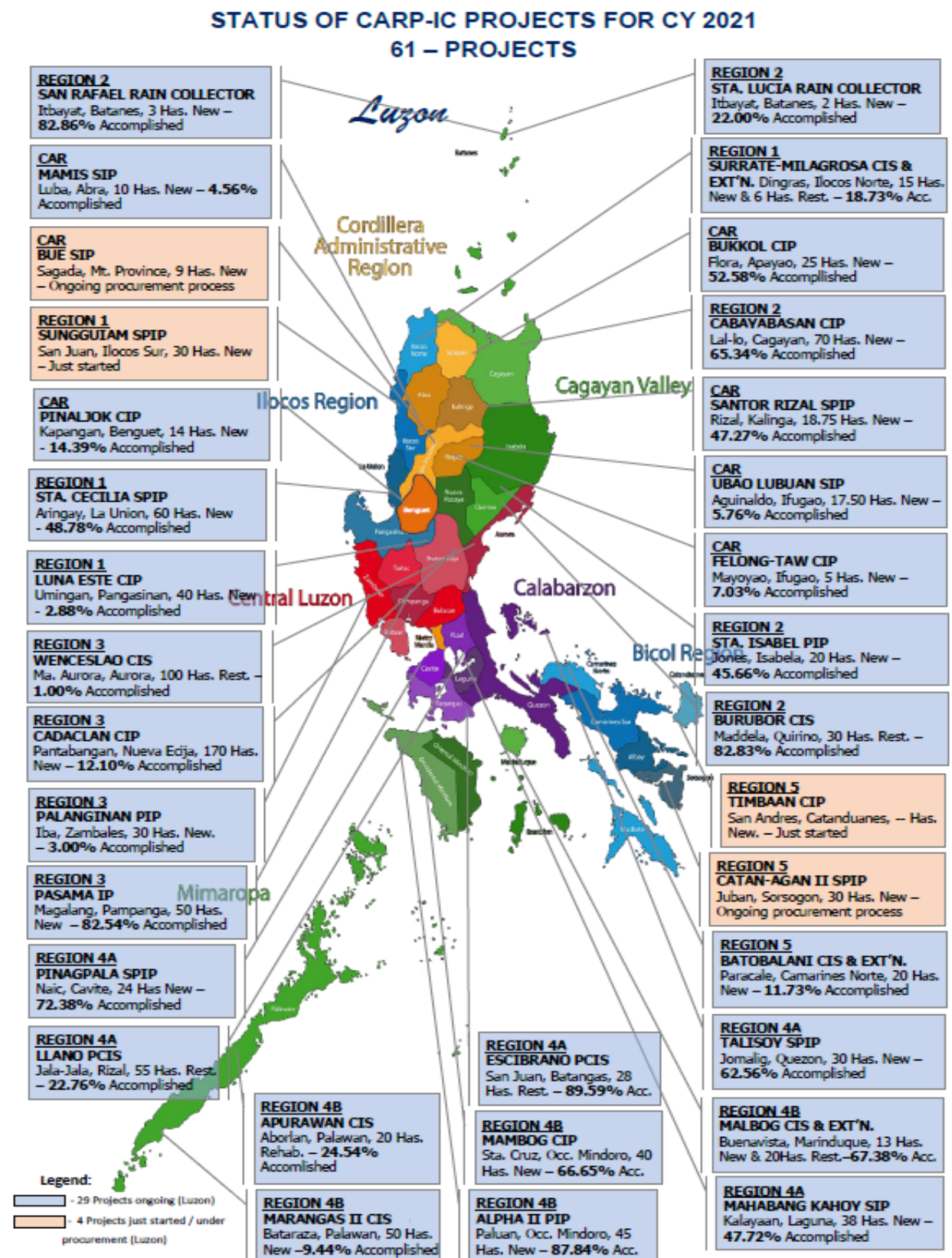




Completed Irrigation Facilities, **TULUNAN SRIP**

6. Comprehensive Agrarian Reform Program

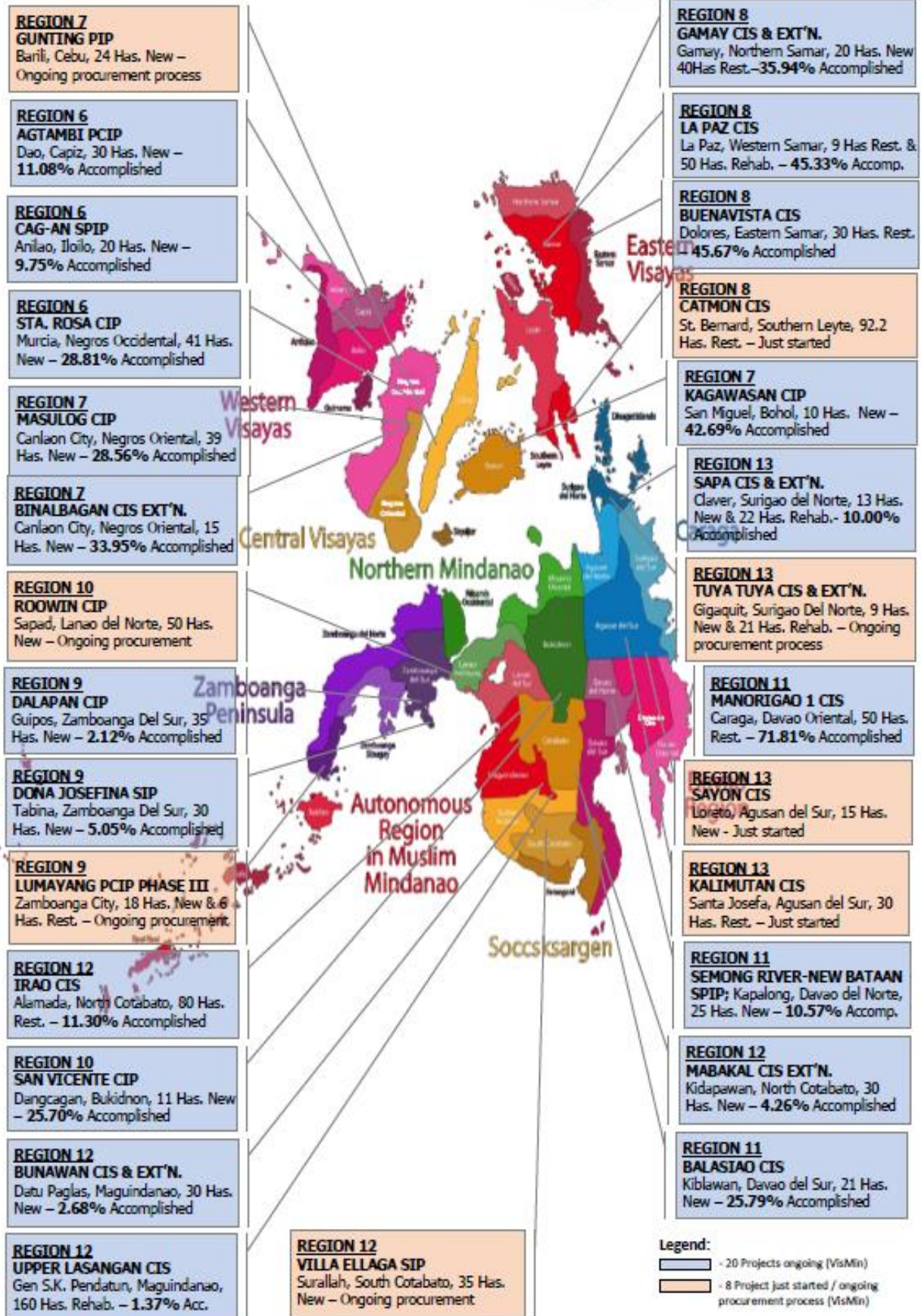
a. Project Layout



STATUS OF CARP-IC PROJECTS FOR CY 2021

61-PROJECTS

Visayas-Mindanao



b. Progress Pictures



Completed Solar Powered Project, Sta. Isabel PIP in Region 2



Completed Solar Powered Project, Llano PCIS in Region 4A



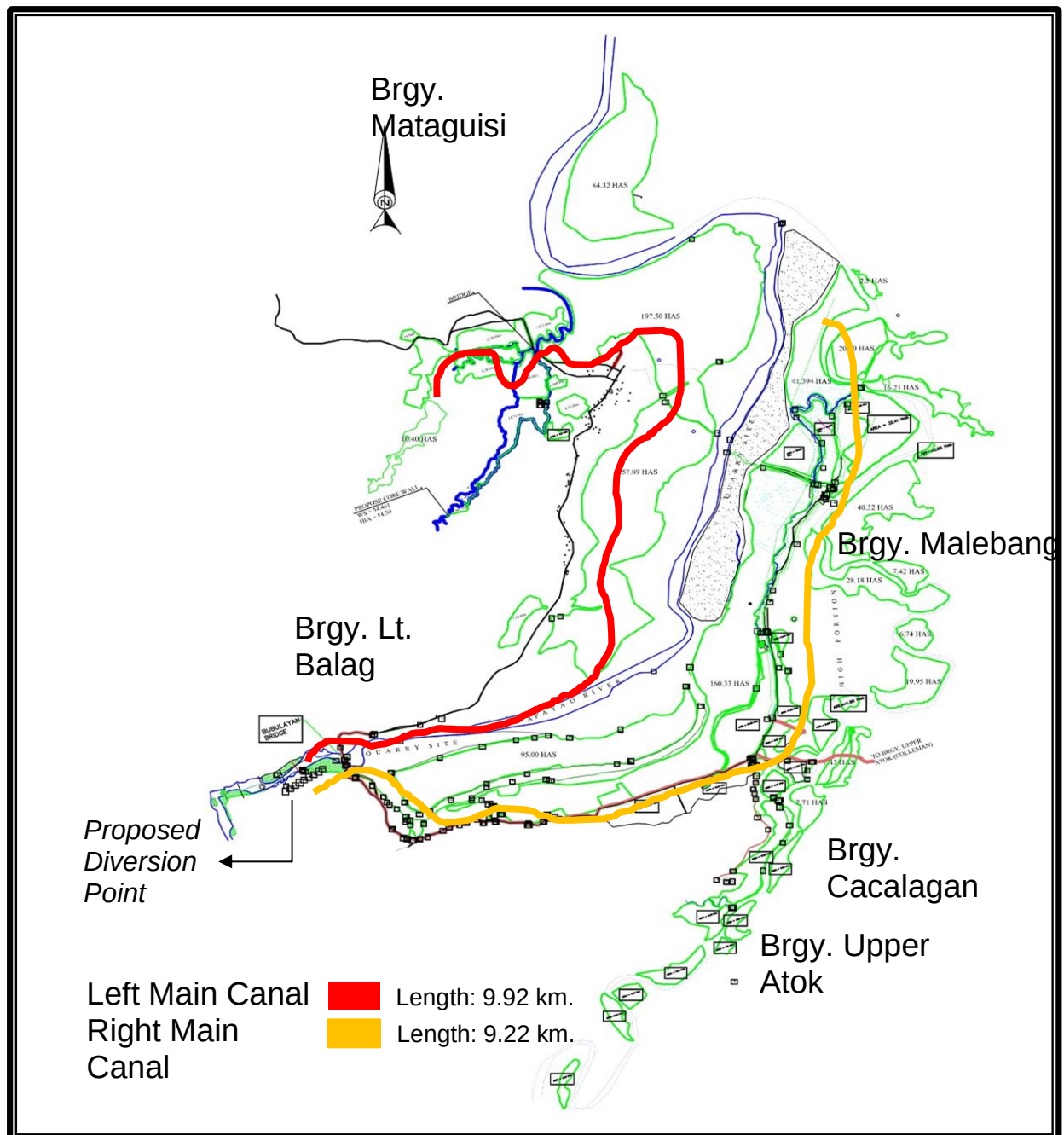
Completed Solar Powered Project, Talisoy SIP in Region 4A



Completed Solar Powered Project, Catan-agan II SPIP in Region 5

7. Lower Apayao Irrigation Project

a. Project Layout



b. Progress Pictures



Completed LARIP Office

Completed Staff
House Building



Nueva Era Access Road



Palsiguan Access Road

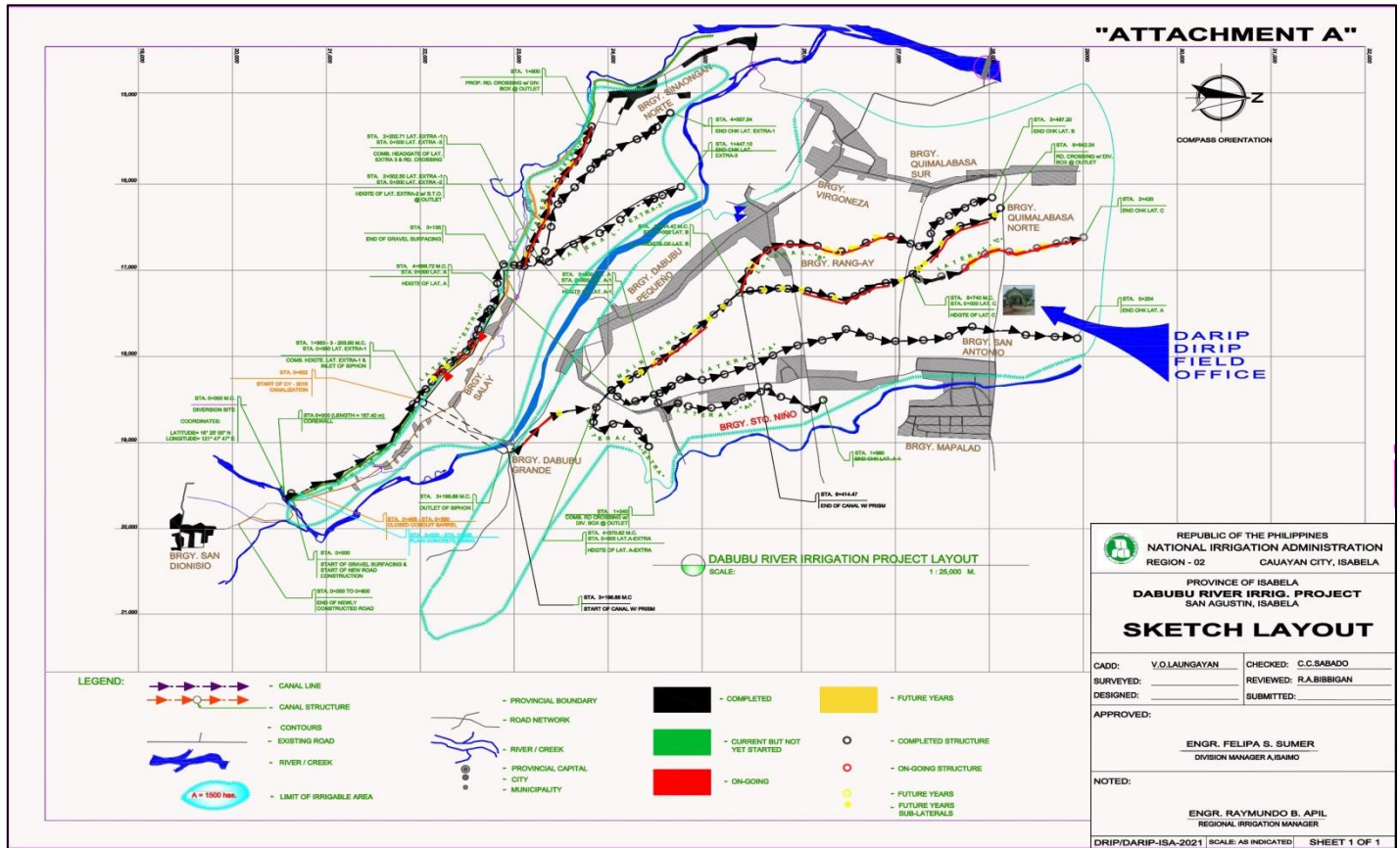


Office Building Slope Protection



9. Dabubu River Irrigation Project

a. Project Layout



b. Progress Pictures

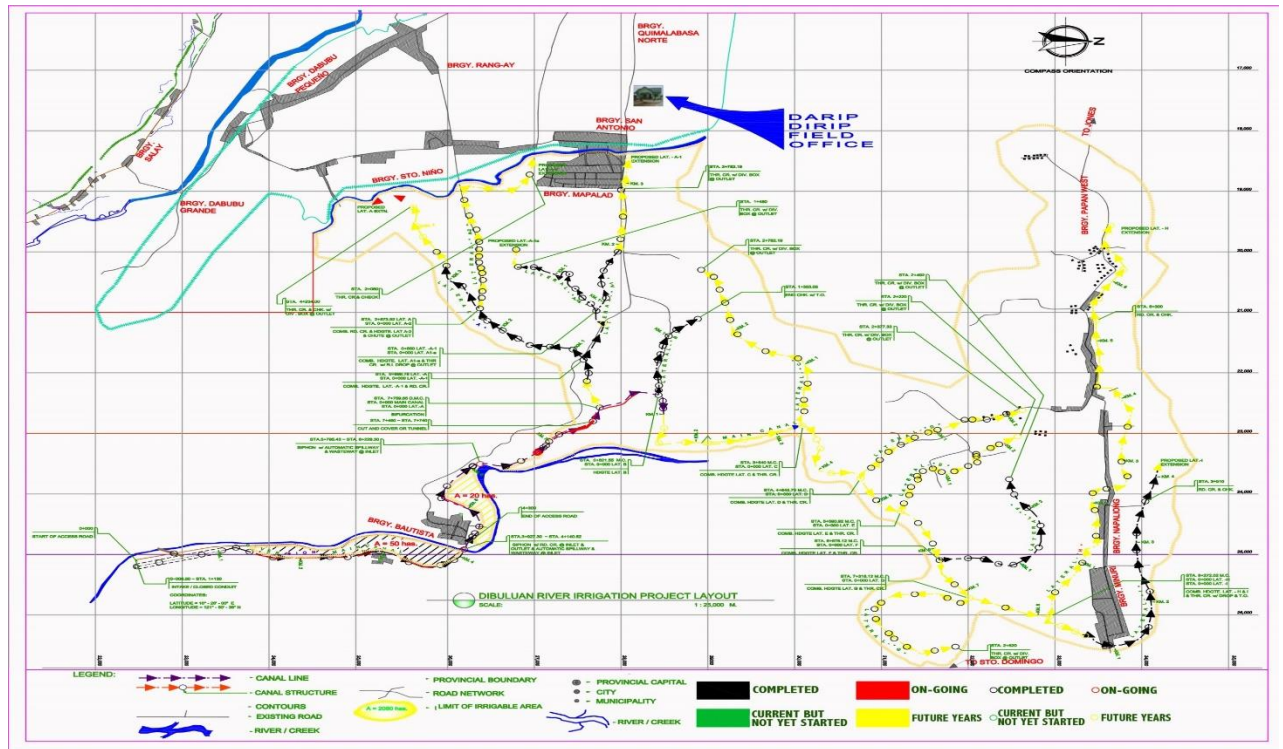


Construction of Irrigation Facilities



10. Dibuluan River Irrigation Project

a. Project Layout



b. Progress Pictures



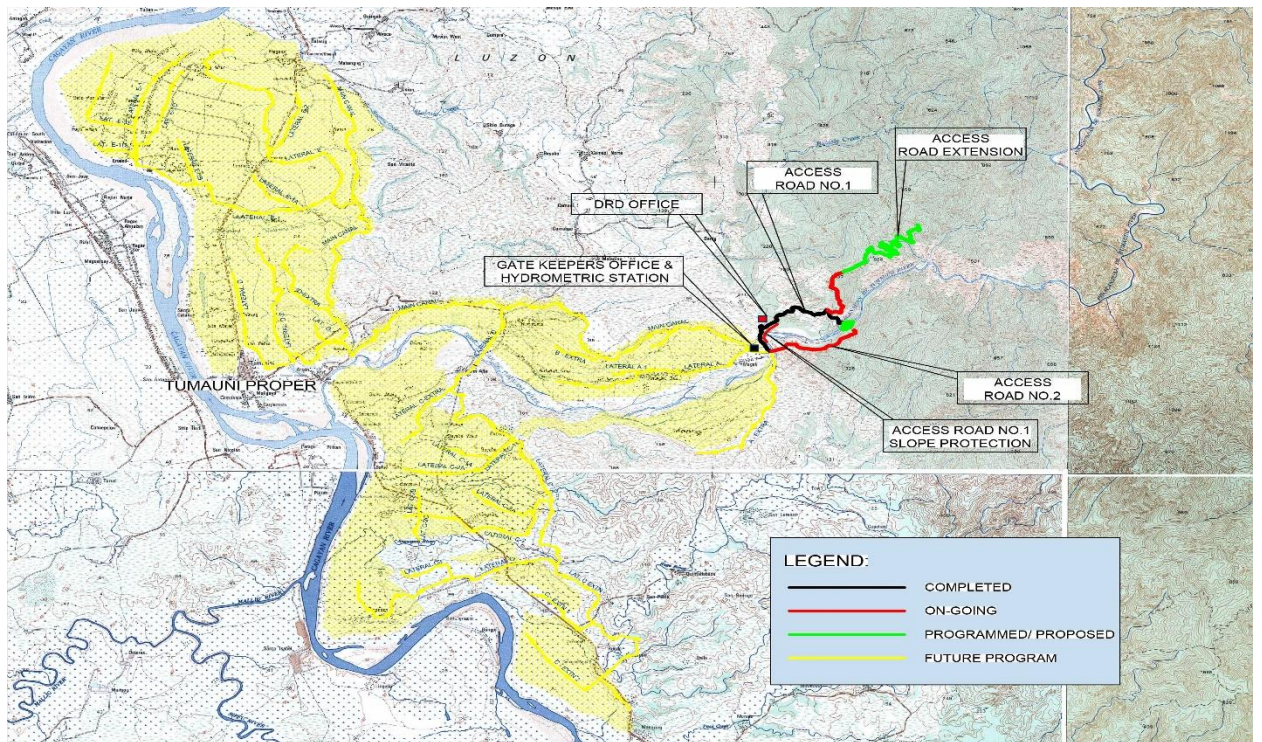
Ongoing Construction of floor slab of closed conduit

Ongoing Construction of canal lining



11. Tumauni River Multipurpose Project

a. Project Layout



b. Progress Pictures



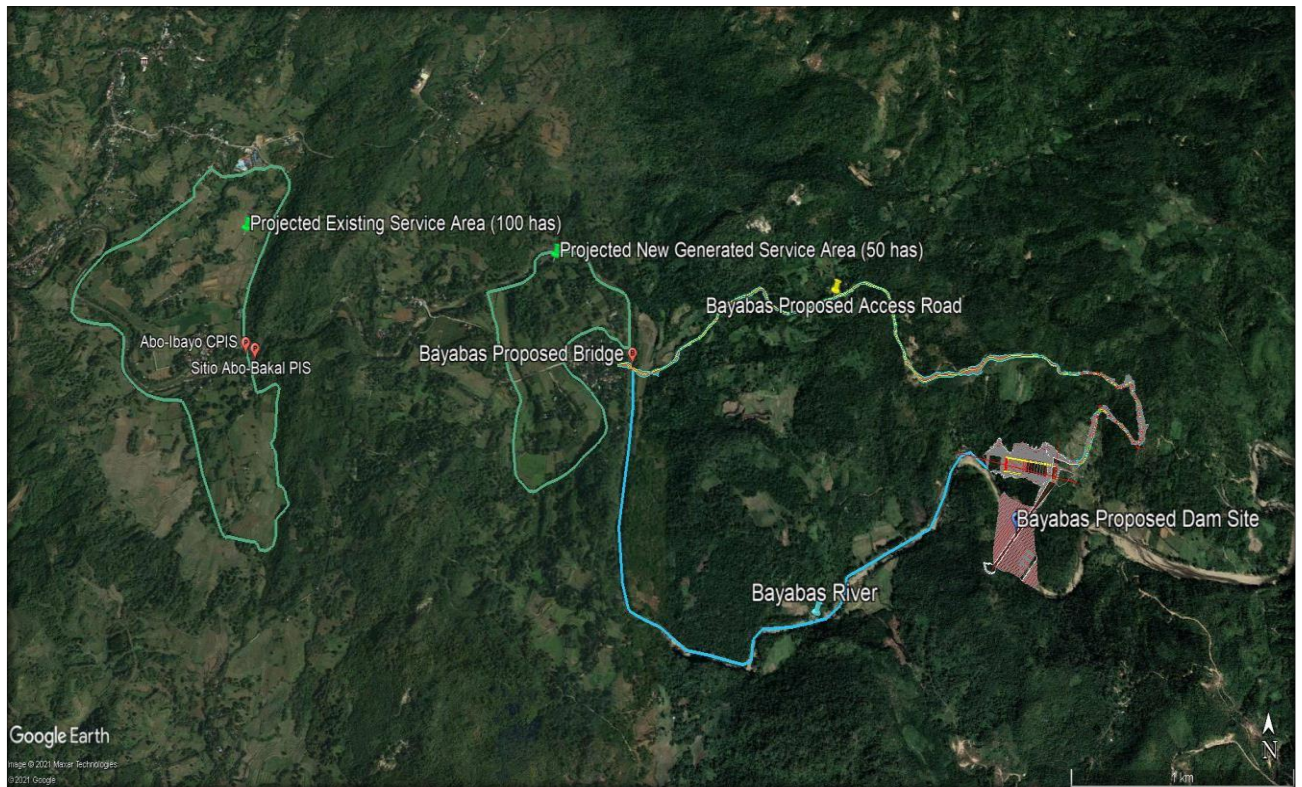
Construction of Access Road 2

Construction of Sope Protection



12. Bayabas Irrigation Project

a. Project Layout



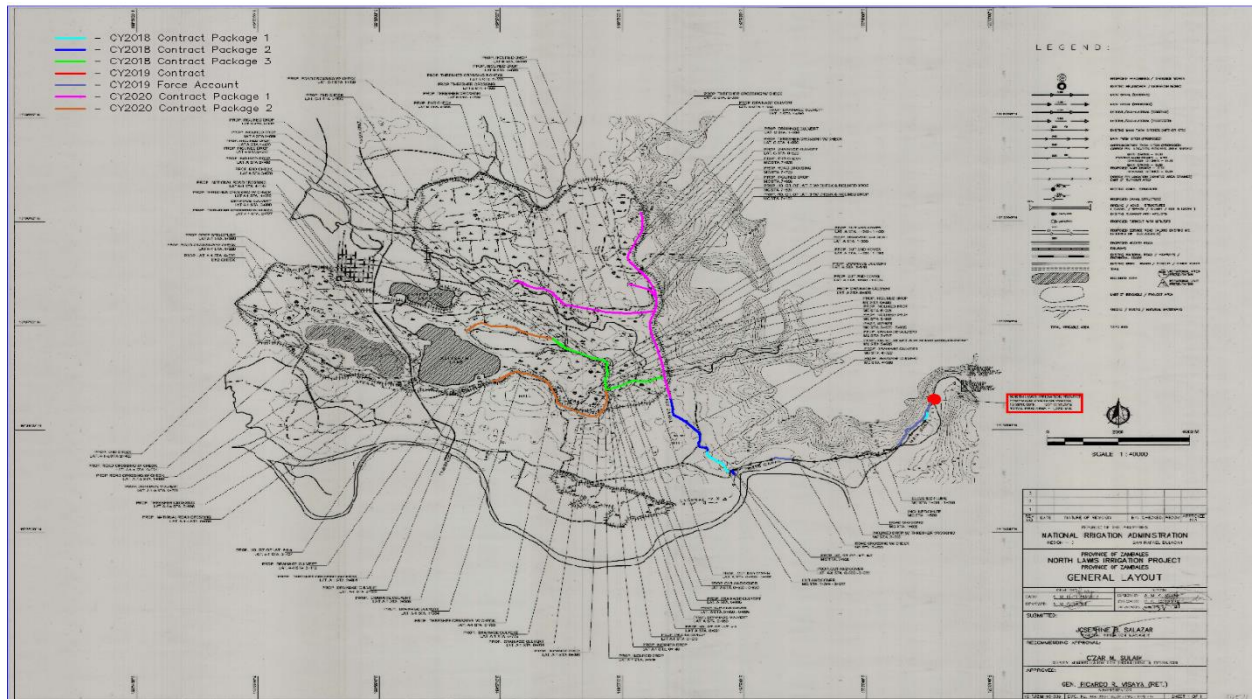
b. Progress Pictures



Construction of Access Bridge and Access Road

13. North Lawis Palongohan Irrigation Project

a. Project Layout



b. Progress Pictures



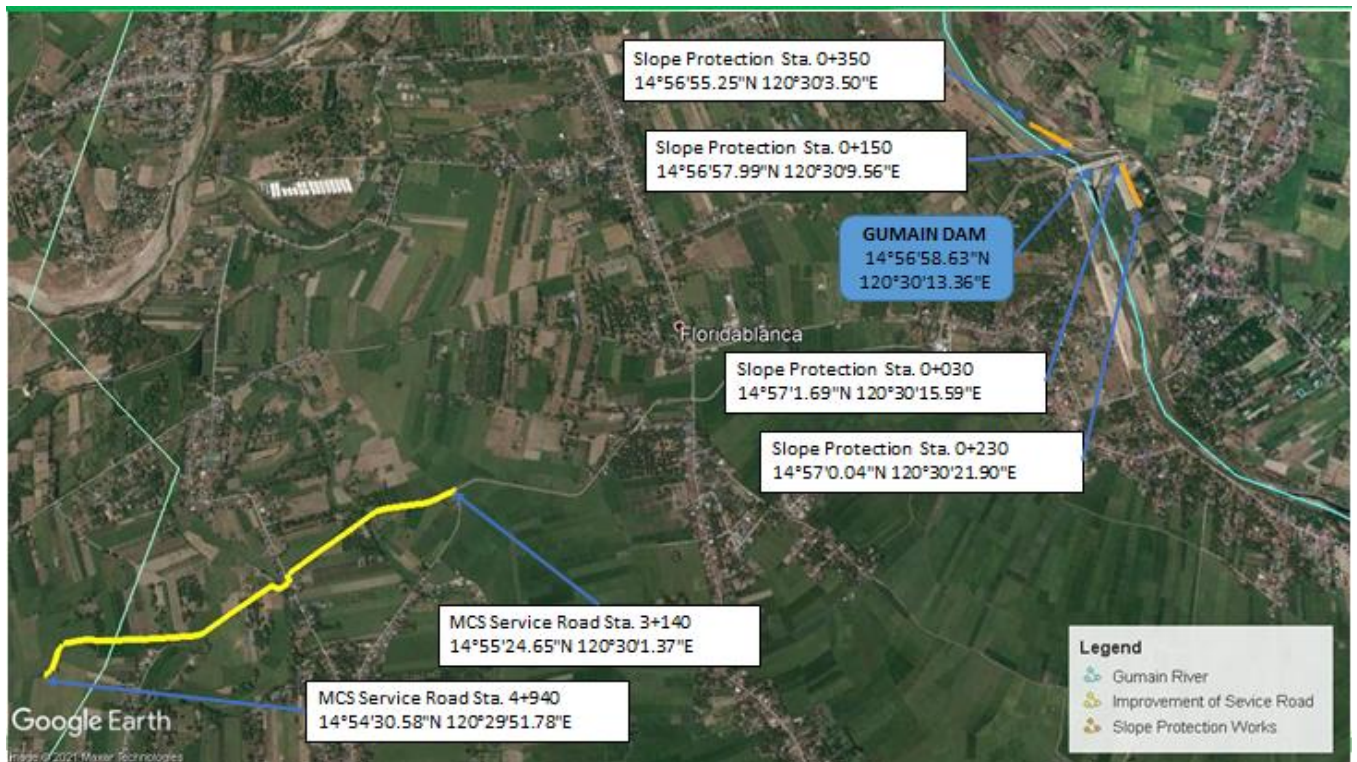
Diversion Dam

Construction of Canal Lining



14. Upper Gumain Irrigation Project

a. Project Layout



b. Progress Pictures

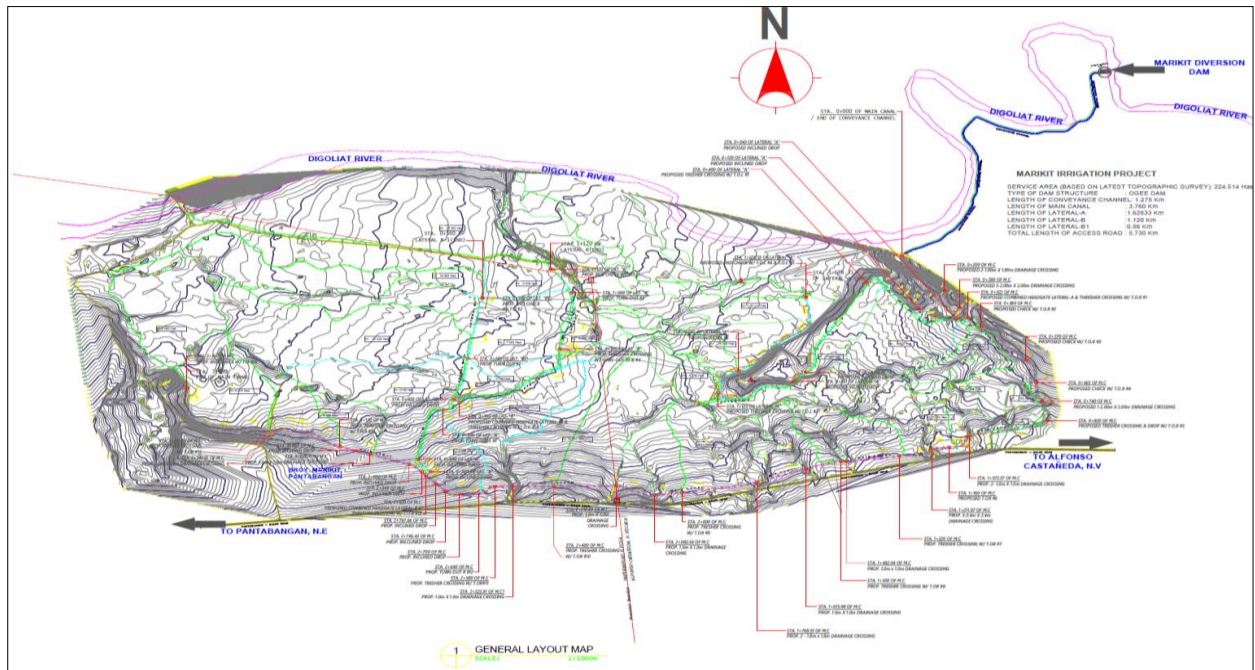


Construction of Canal and structures



15. Marikit Irrigation Project

a. Project Layout



b. Progress Pictures

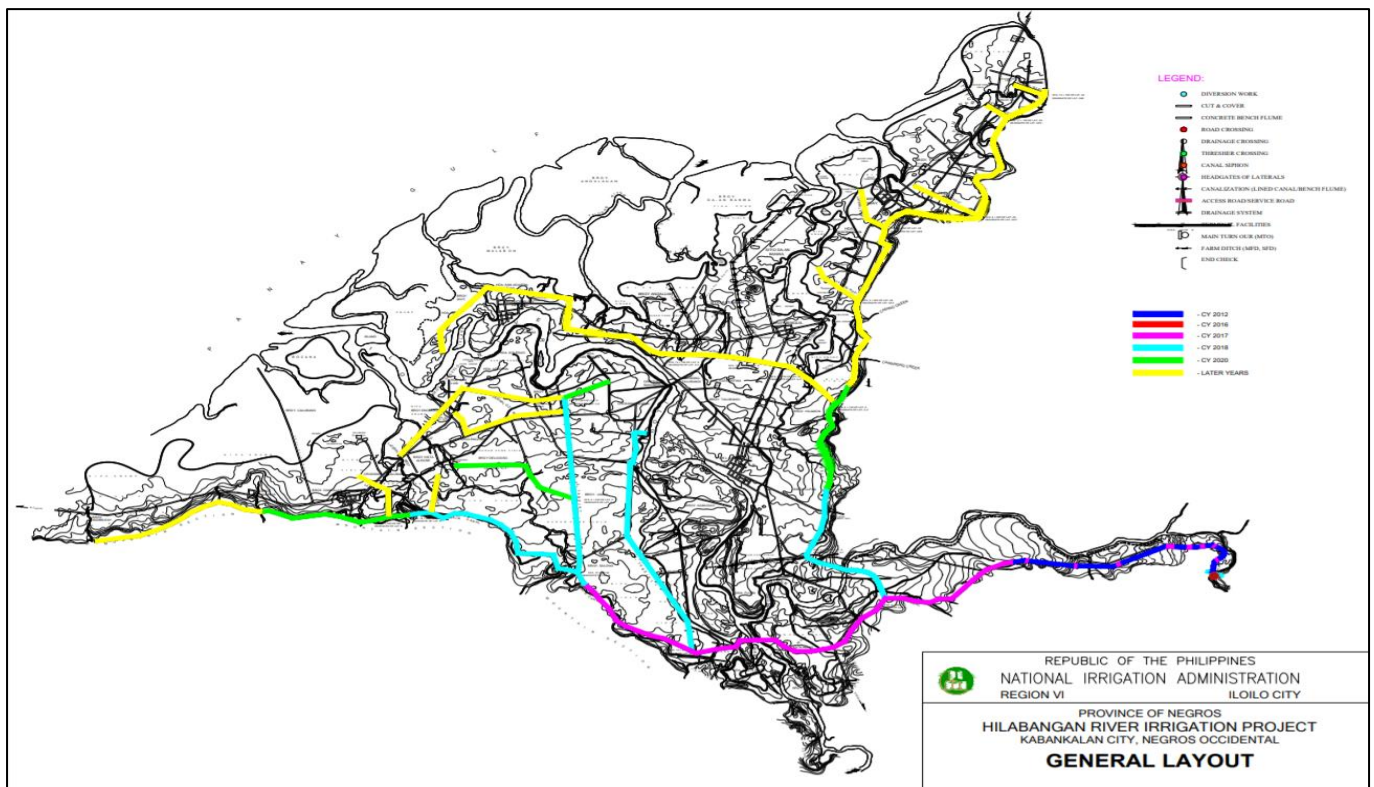


Construction of Drainage Structures & Embankment Compaction @ Main Canal



16. Hilabangan Irrigation Project

a. Project Layout



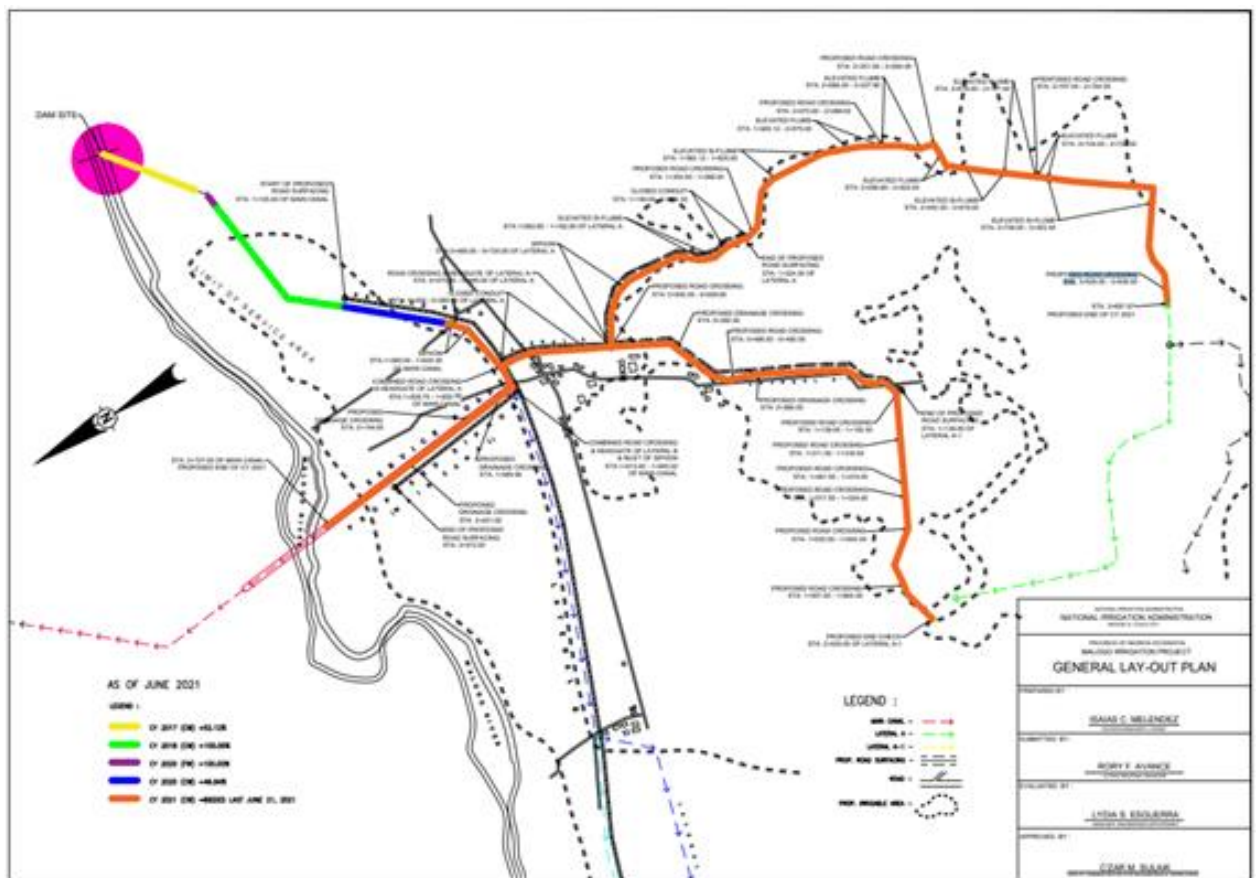
b. Progress Pictures



Completed Bench Flume @
Main Canal

17. Malogo Irrigation Project

a. Project Layout



b. Progress Pictures

Ongoing construction of Diversion Dam



Ongoing construction of Main Canal

18. Panay River Basin Integrated Development Project

a. Project Layout



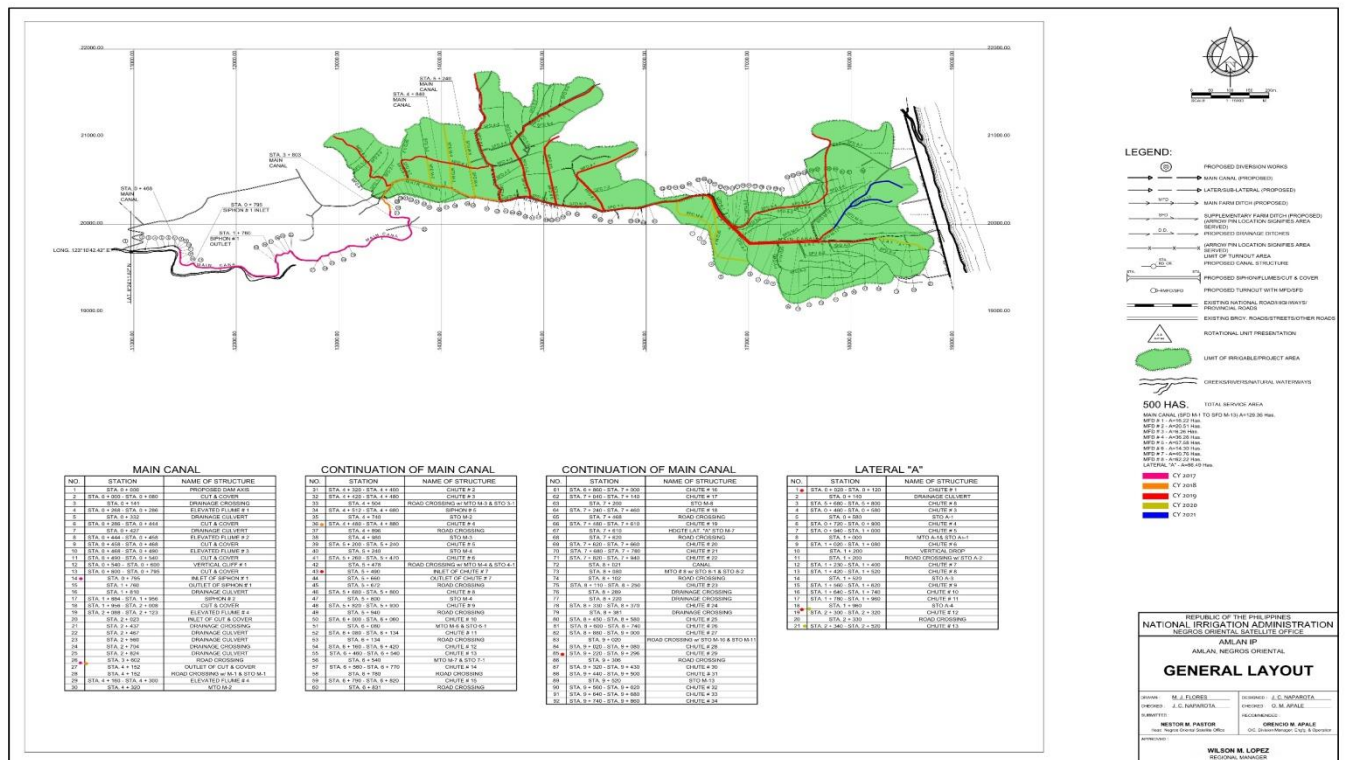
b. Progress Pictures



Construction of 2-storey office building, 2-Storey Dormitory, All-Weather Road and Perimeter Fence

19. Amlan Irrigation Project

a. Project Layout



b. Progress Pictures



Slope Protection works and canalization works



20. Bohol Northeast Basin Irrigation Project

a. Progress Pictures



Construction of Irrigation Facilities

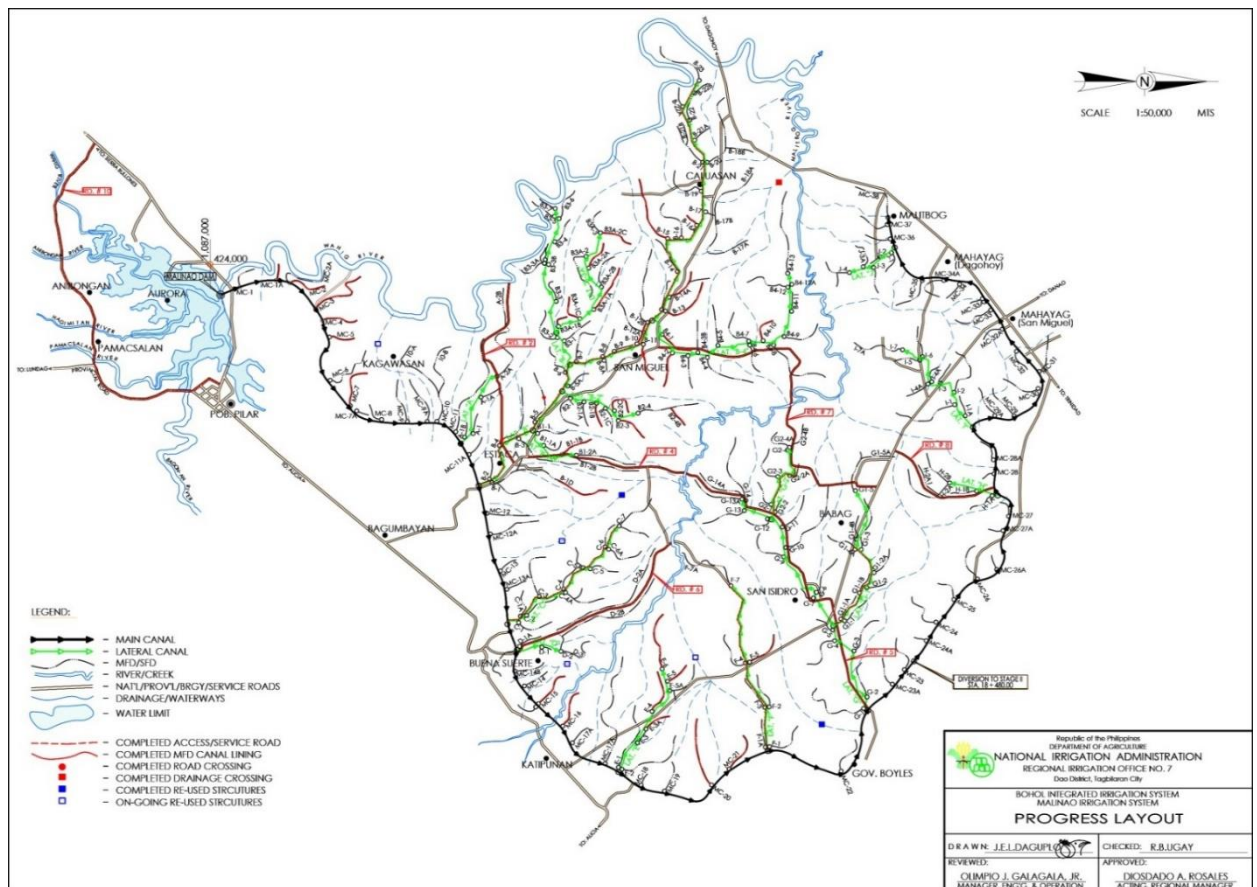


Construction of Access Roads and Buildings



21. Malinao Dam Improvement Project

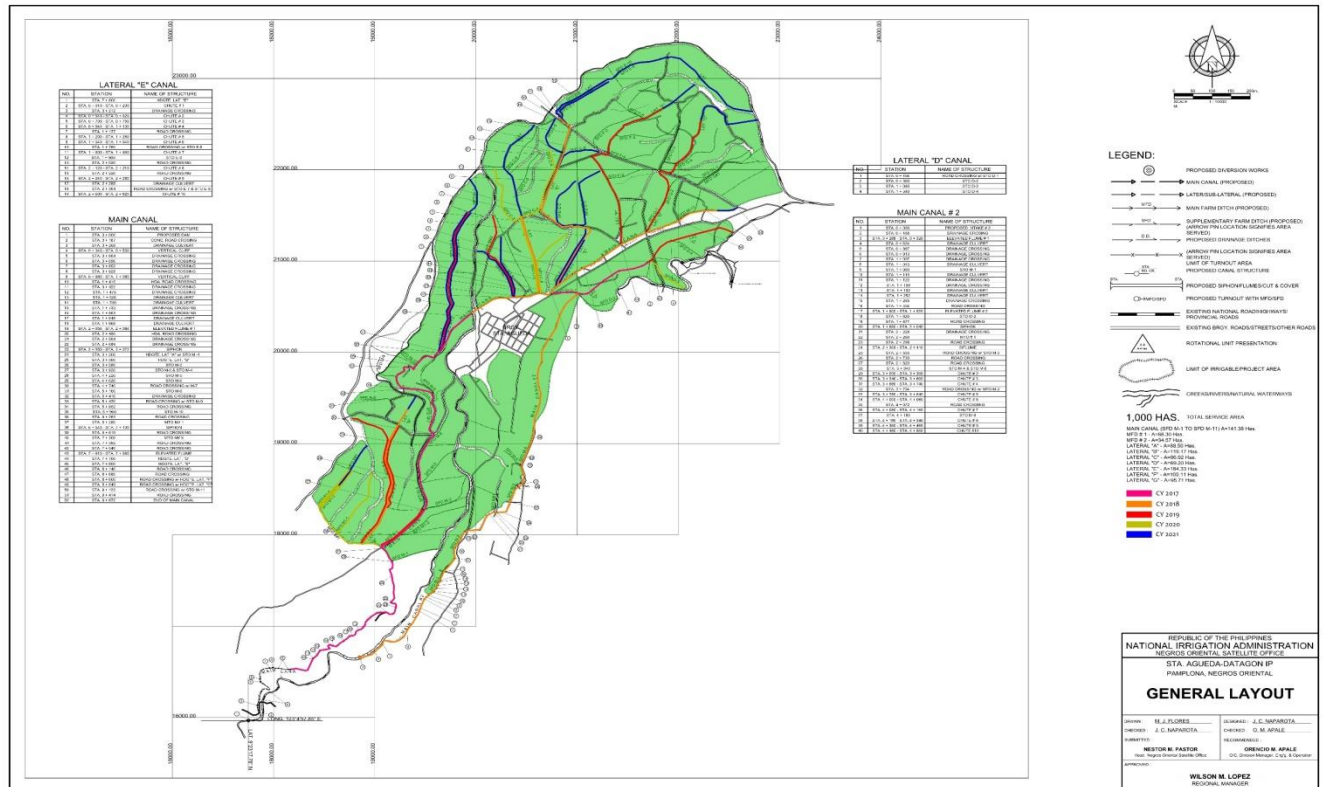
a. Project Layout



b. Progress Pictures



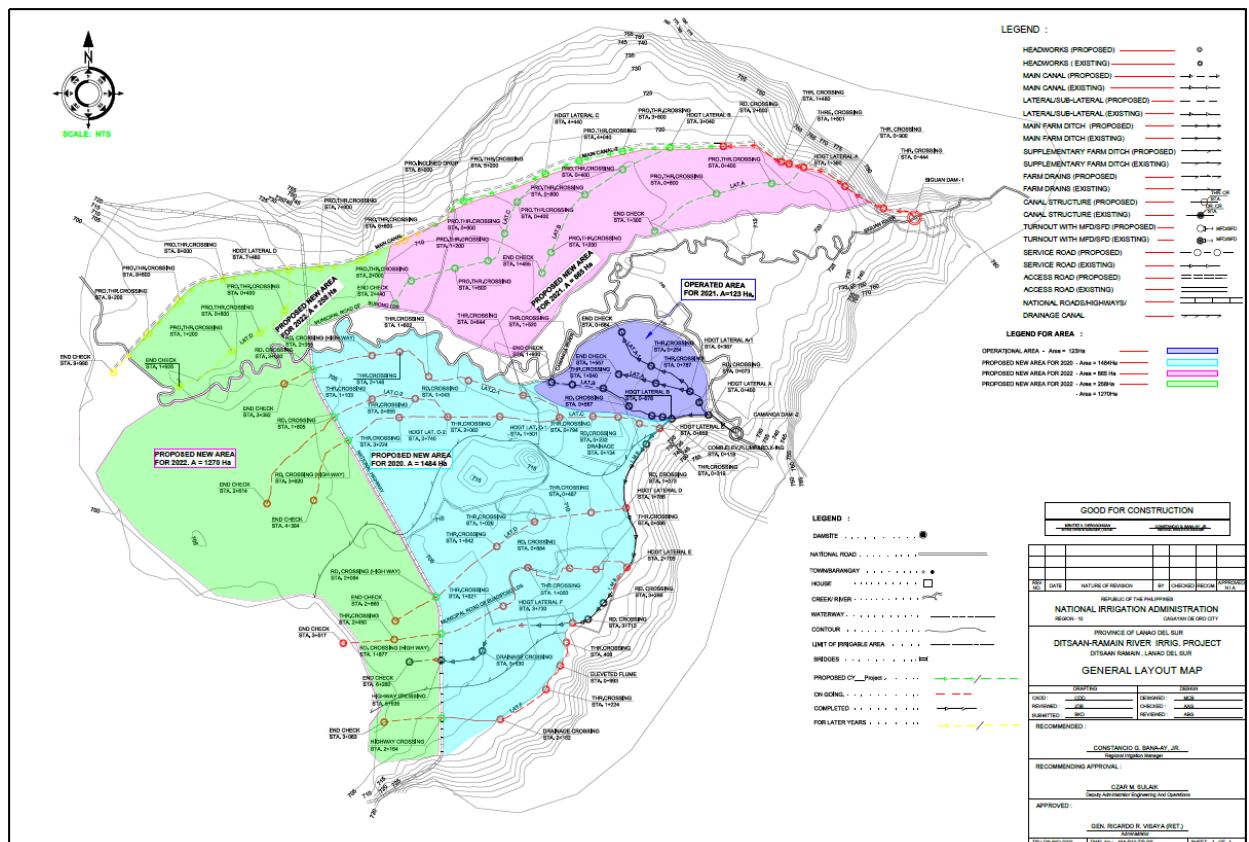
a. Project Layout



b. Progress Pictures



a. Project Layout



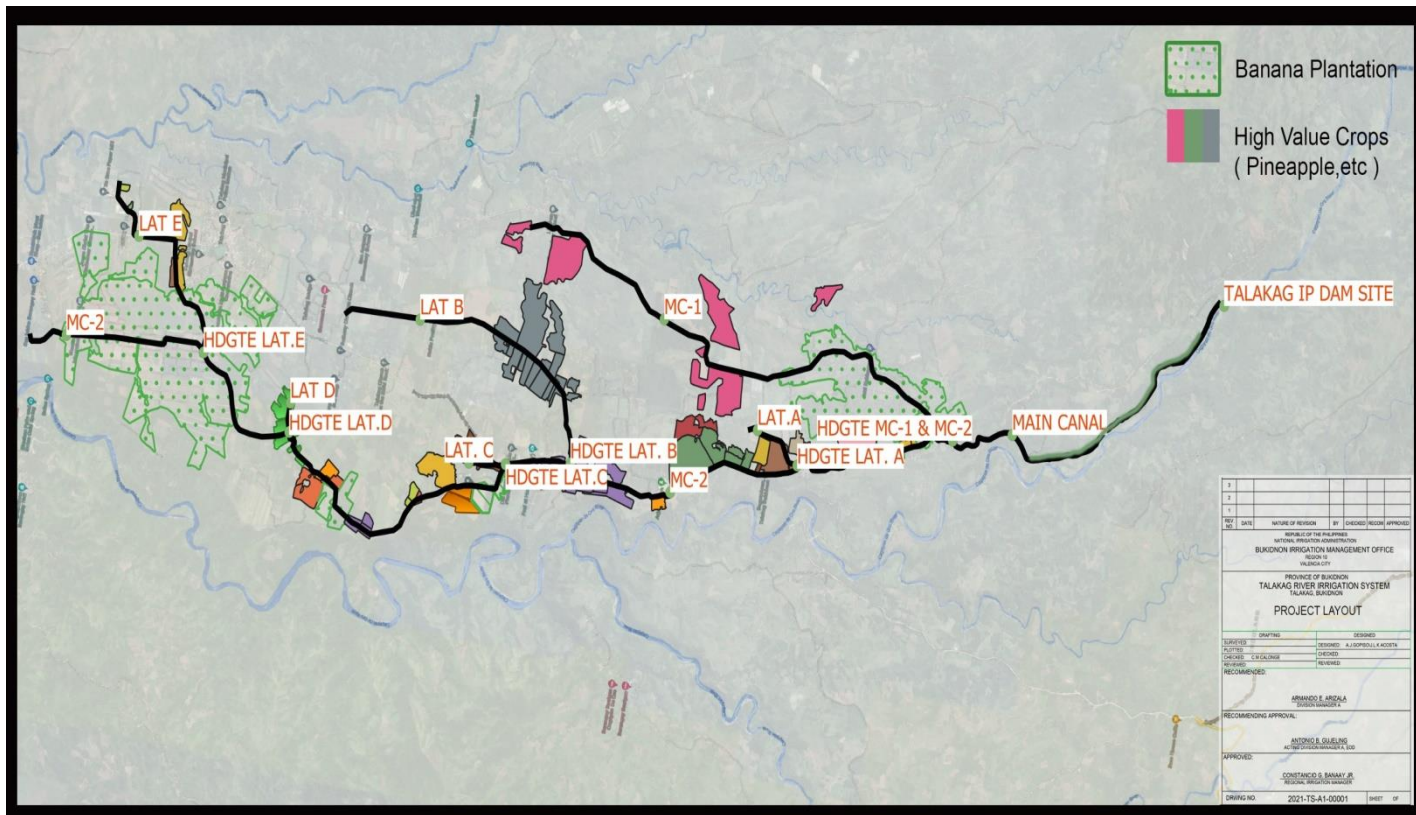
b. Progress Pictures



Construction of Main and Lateral Canals

24. Talakag Irrigation Project

a. Project Layout



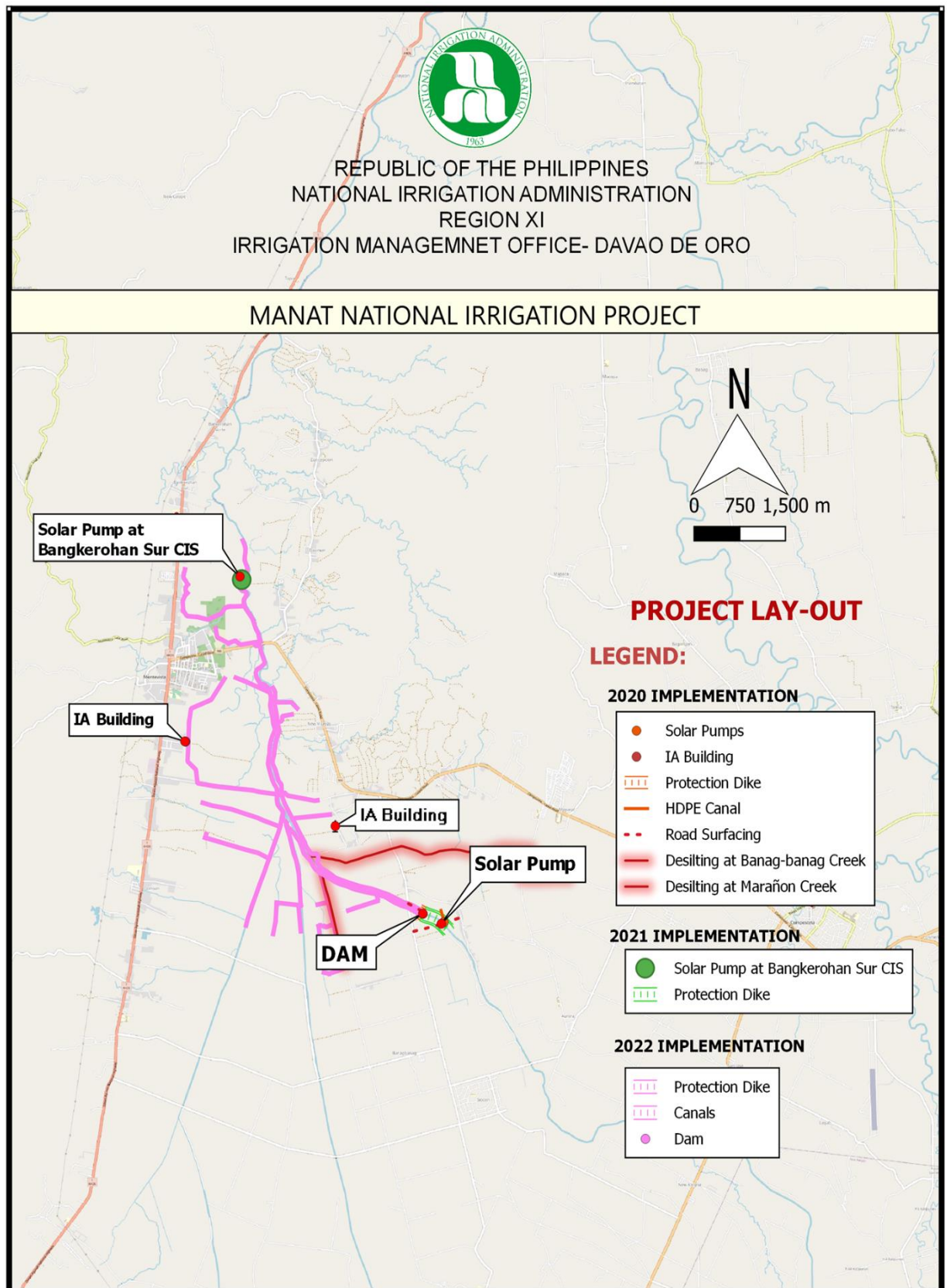
b. Progress Pictures



Construction of Irrigation Facilities

25. Manat National Irrigation Project

a. Project Layout



b. Progress Pictures



Solar Powered Irrigation Pumps



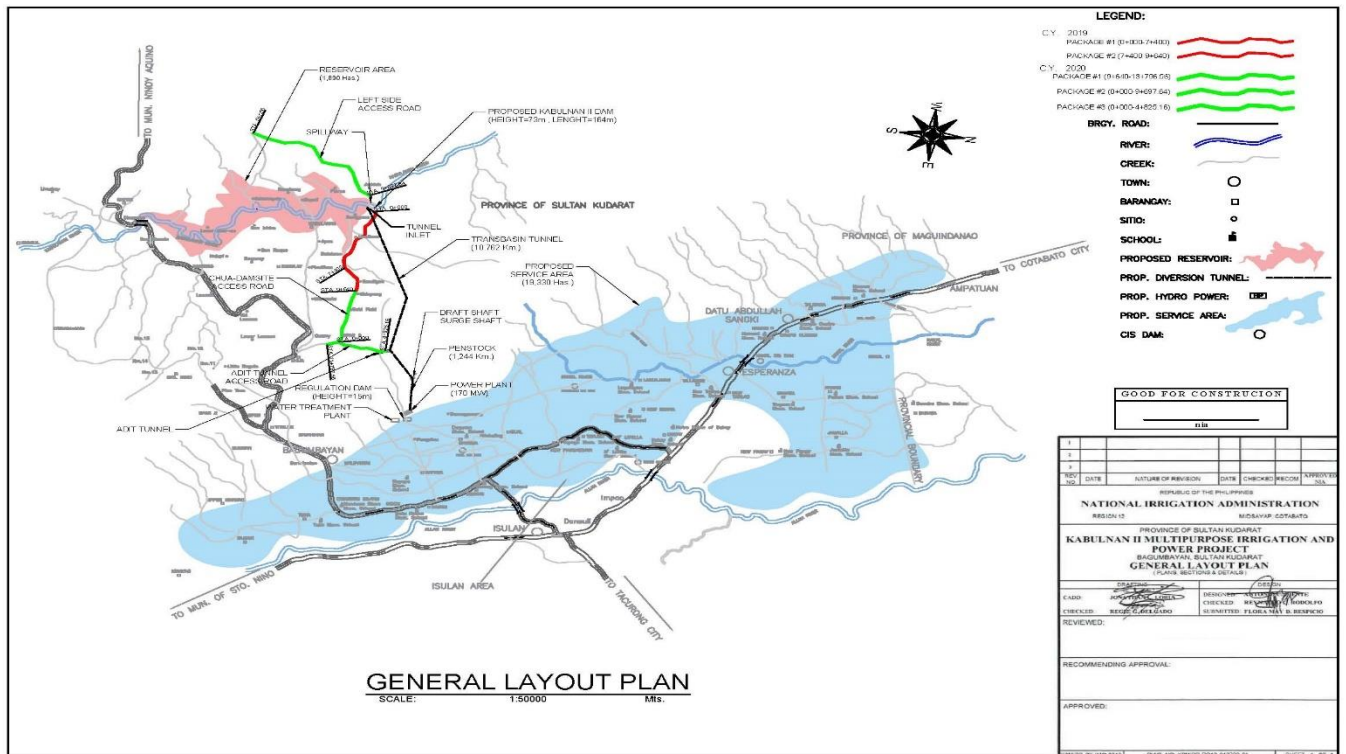
142m Protection Dike



1.33 km Road System

26. Kabulan 2 Multipurpose Irrigation and Power Project

a. Project Layout



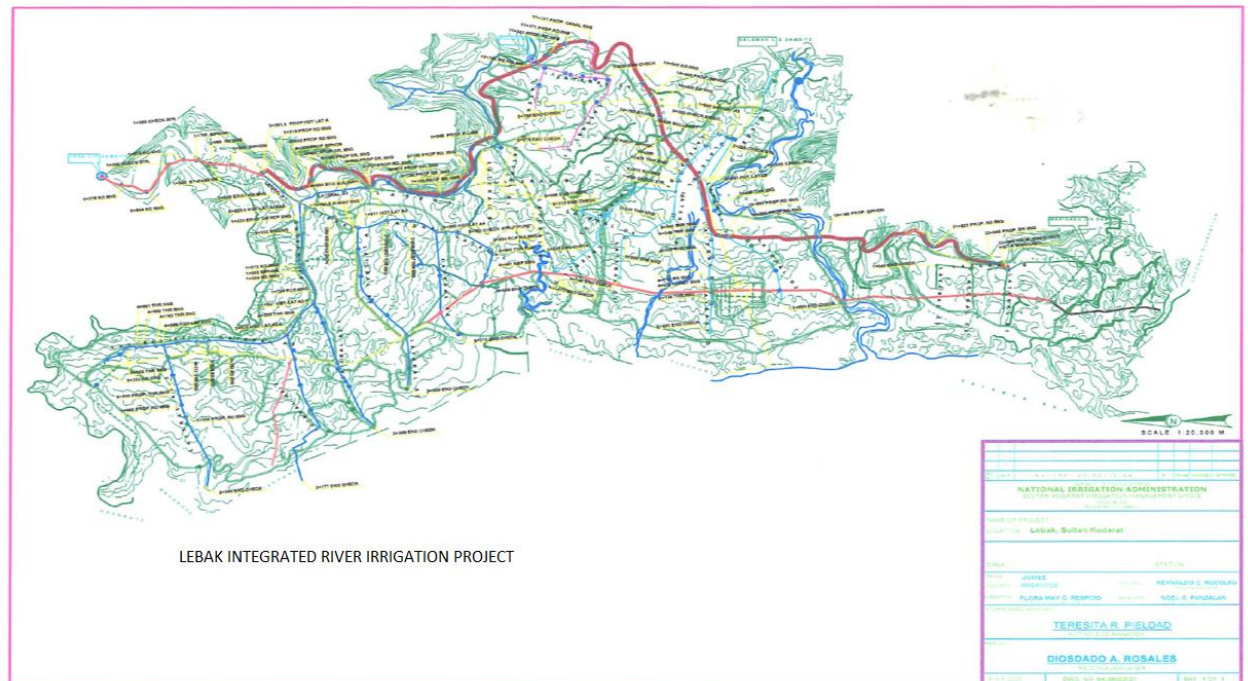
b. Progress Pictures



Construction of Access Road

27. Lebak Integrated River Irrigation Project

a. Project Layout



b. Progress Pictures

COMPLETED 245 METERS PROTECTION DIKE (PACKAGE 1)



MECHANIZED EXCAVATION, INSTALLATION OF MATTRESS BOX, GABION BOX AND FILTER CLOTH (PACKAGE 2)

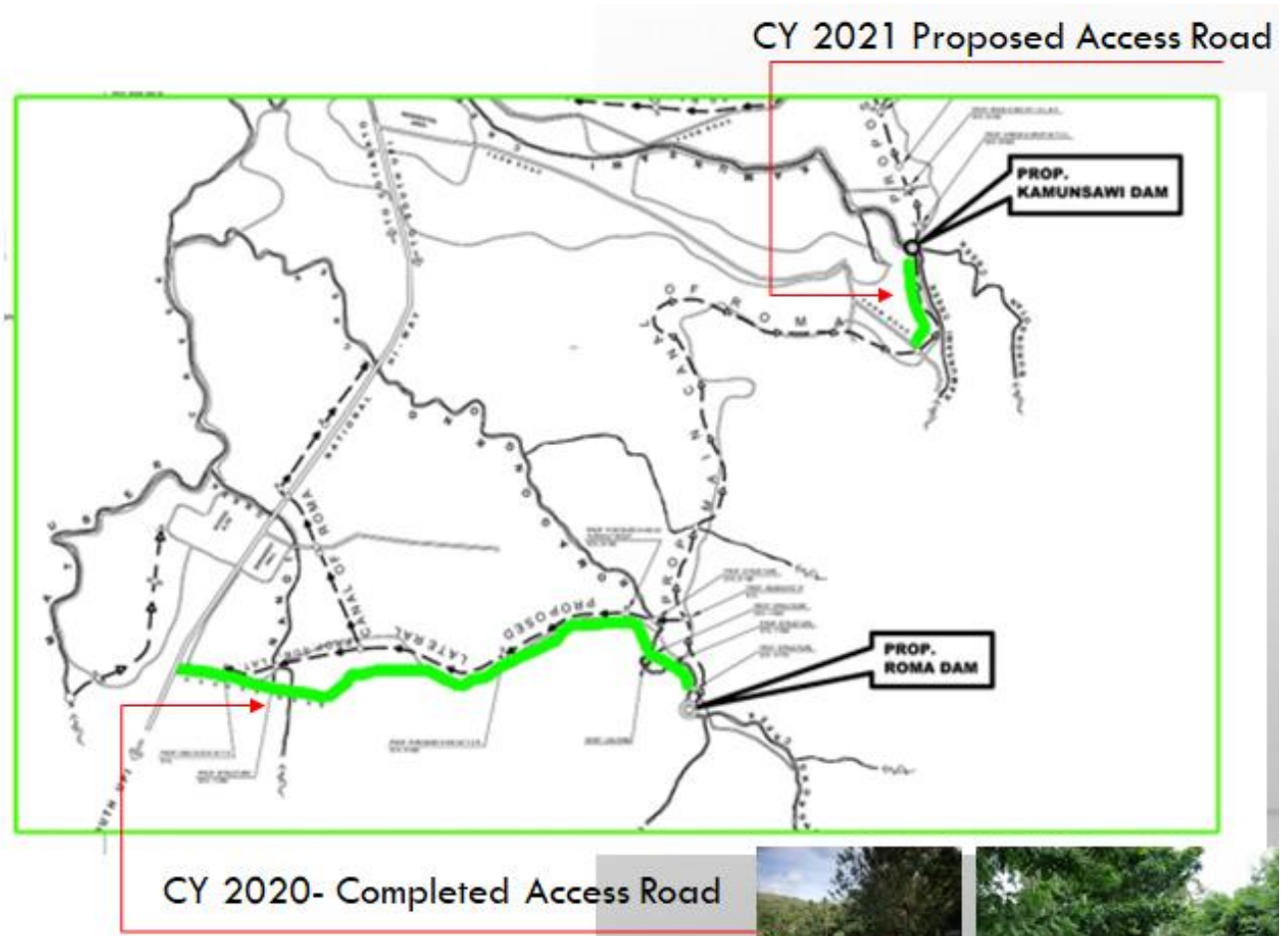


COMPLETED 120 METERS PROTECTION DIKE (PACKAGE 3)



28. UPI Integrated Irrigation Project

a. Project Layout



b. Progress Pictures

Service road



Construction of Project Facility

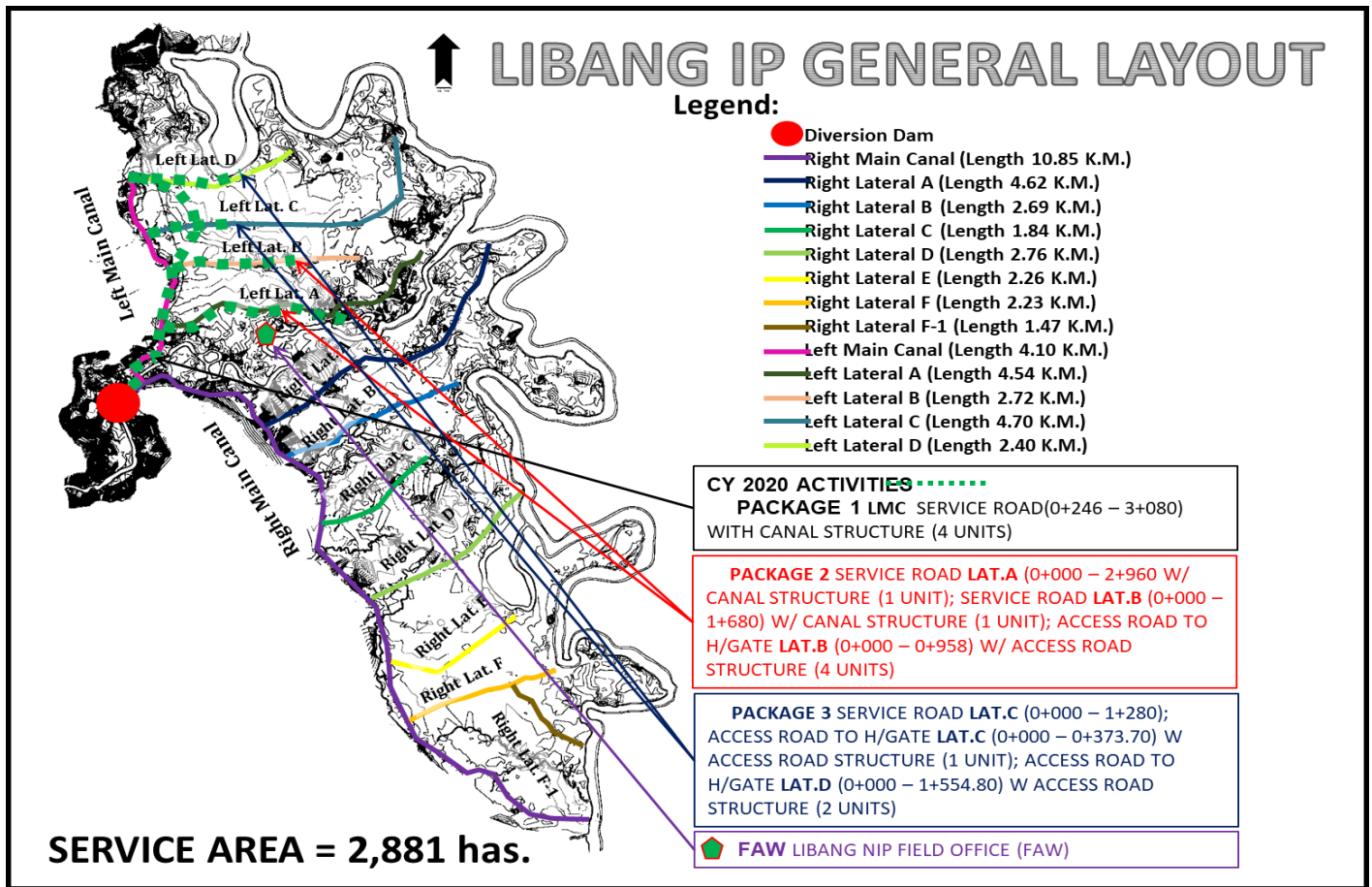


a. Project Layout



30. Libang Irrigation Project

a. Project Layout



b. Progress Pictures



31. Bugko Irrigation Project

a. Project Layout



b. Progress Pictures



ON-GOING REHABILITATION OF DAM



UPDATE OF BUGKO DAM



ON-GOING CONST. OF MAIN CANAL



SLUICEWAY & TOWER



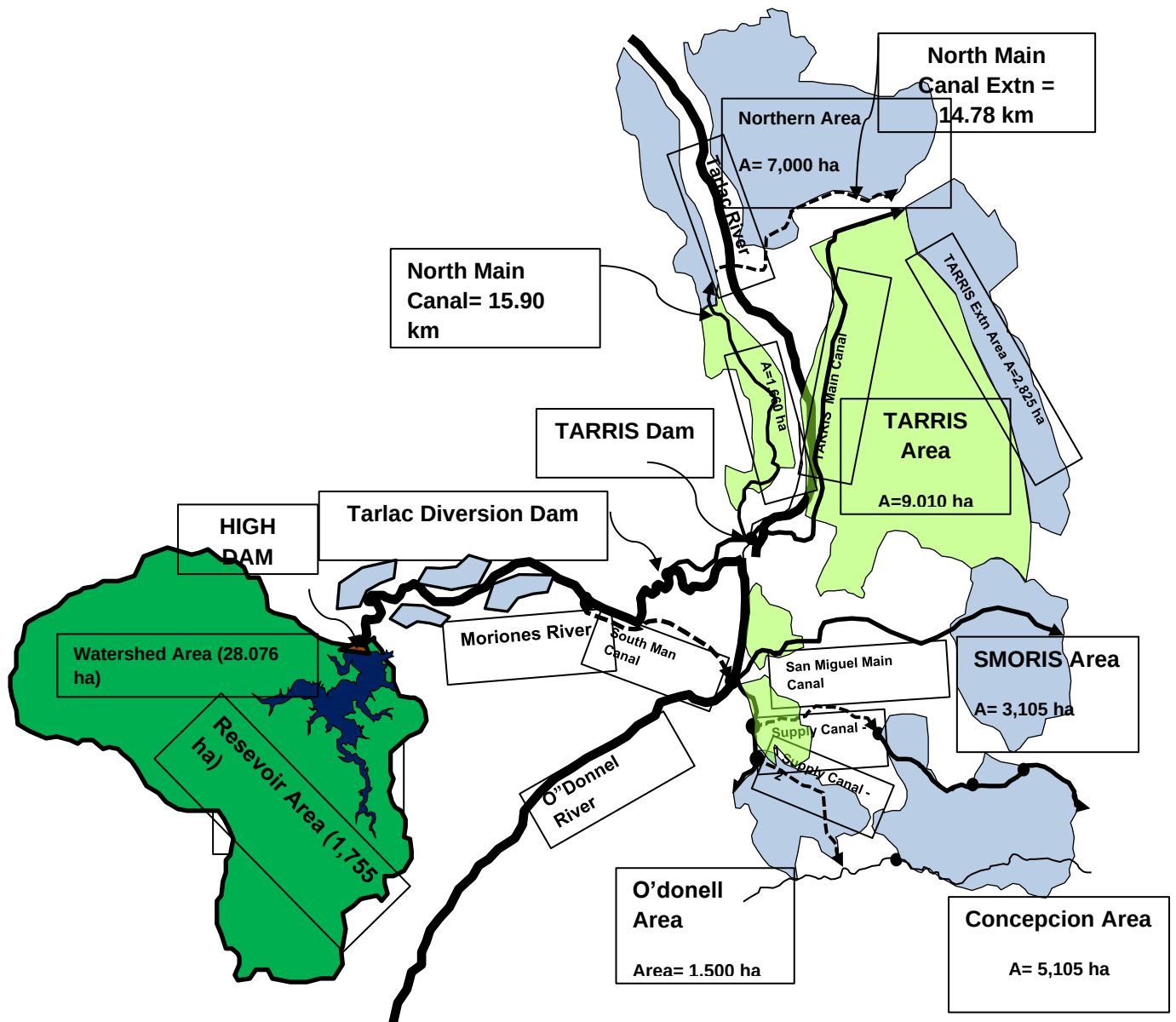
LATERAL A @ STA. 5+064 TO 5+580



ON-GOING CONSTRUCTION OF ELEVATED FLUME
MAIN CANAL @ STA. 15+955 TO 15+967

32. Balog-Balog Multipurpose Project Phase II

a. Project Layout



b. Progress Pictures



Construction of Lateral C-1



Ongoing South Main Canal



Ongoing construction of Tunnel 3

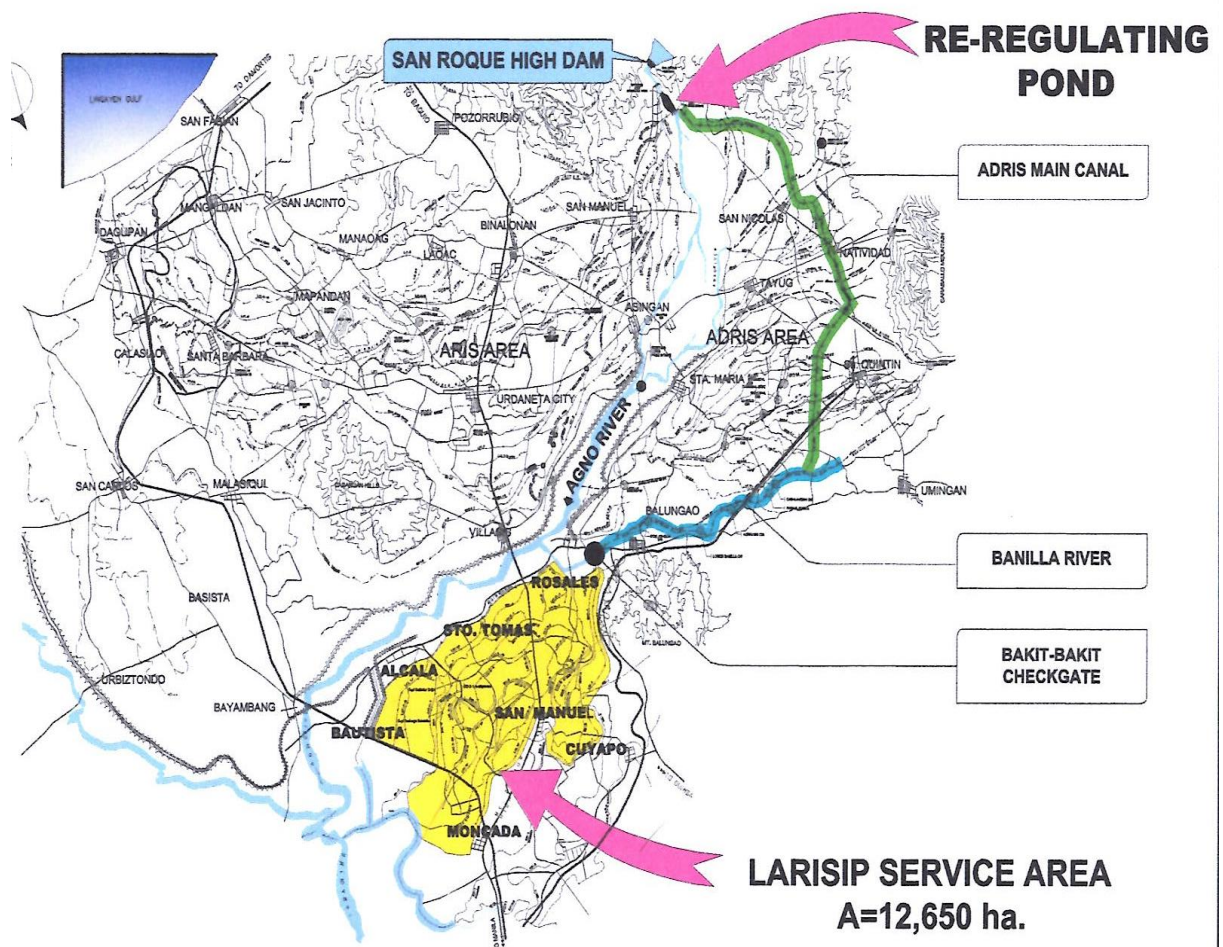


Construction of Lateral N

33. Lower Agno River Irrigation System Improvement Project

a. Project Layout

PROJECT LOCATION



b. Progress Pictures



CONSTRUCTION OF SLOPE PROTECTION (STA. 25+295-
STA. 25+868) OF BANILLA RIVER



CONSTRUCTION OF RECTANGULAR CONCRETE CANAL LINING & APPURTENANT STRUCTURES
(STA. 0+000-STA. 2+426.15) OF LARIS SUB-LATERAL B-1



CONSTRUCTION OF TRAPEZOIDAL & RECTANGULAR CONCRETE CANAL LINING, CLOSED
CONDUIT, APPURTENANT STRUCTURES & DEBLOCKING OF EXISTING STRUCTURES (STA. 0+000-
STA. 2+455)
OF LARIS SUB-LATERAL B-4



CONSTRUCTION OF TRAPEZOIDAL & RECTANGULAR CONCRETE CANAL LINING &
APPURTENANT STRUCTURES (STA. 0+000-STA. 1+203.80) OF LARIS-SUB LATERAL B-2 A



CONSTRUCTION OF OVERFLOW STRUCTURE (STA. 21+902)
@ ADRI'S MAIN CANAL



CONSTRUCTION OF closed conduit & appurtenant
Structures (sta. 0+117) - STA. 0+640) OF LAGASIT SUPPLY CANAL



CONSTRUCTION OF closed conduit & appurtenant
Structures (sta. 0+640 - STA. 1+184) OF LAGASIT SUPPLY CANAL

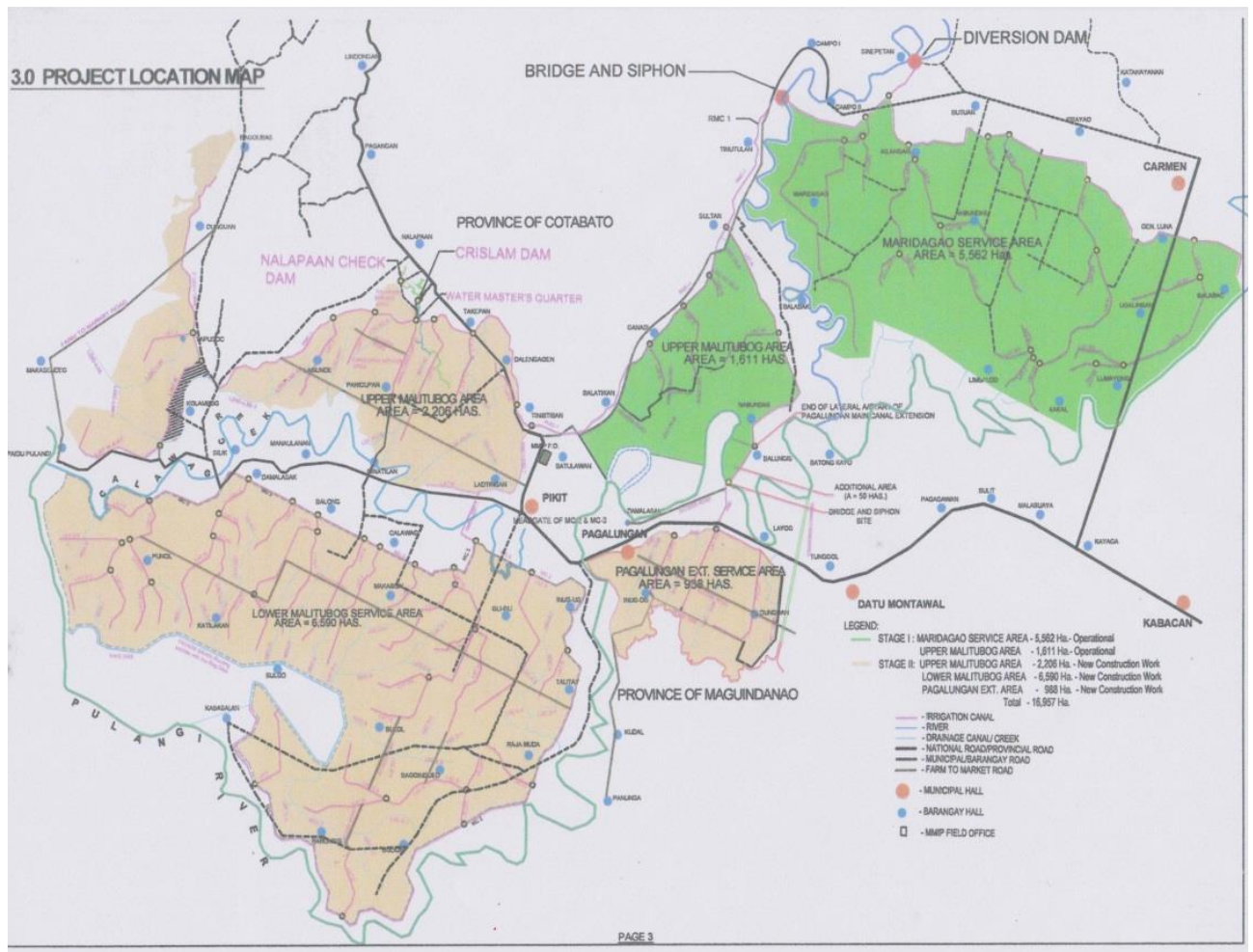


CONSTRUCTION OF CLOSED CONDUIT & APPURTENANT
STRUCTURES (STA. 1+184-STA. 1+740) OF LAGASIT SUPPLY CANAL



34. Malitubog-Maridagao Irrigation Project, Stage II

a. Project Layout



b. Progress Pictures



NIA Central Office conducted site visit headed by Deputy Administrator for Engineering
& Operations