



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

NIA CY2017 YEAR-END REPORT

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ABBREVIATIONS/ACRONYMS USED

ABB/ACR	MEANING	ABB/ACR	MEANING
B	Billion	GOP	Government of the Philippines
ARMM	Autonomous Region in Muslim Mindanao	HDPE	High Density Polyethylene
BSPP	Balikatan Sagip Patubig Program	ha	hectare
CAR	Cordillera Administrative Region	IDP	Irrigation Development Program
CARP-IC	Comprehensive Agrarian Reform Program – Irrigation Component	IMT	Irrigation Management Transfer
CCAW	Climate Change Adaptation Works	IMTSS	Irrigation Management Transfer Support Services
CIP or CIS	Communal Irrigation Project or System	IA	Irrigators Association
COB	Current Operating Budget	IC	Irrigation Component
COA	Commission on Audit	IMOs	Irrigation Management Offices
CRRNENIS/CIS	Construction/Repair/Rehabilitation of New/Existing National Irrigation System/Communal Irrigation	IP	Irrigation Project
CY	Calendar Year	IS	Irrigation System
DAR	Department of Agrarian Reform	ISEP	Irrigation System Extension Project
DA	Department of Agriculture	JRMP	Jalaur River Multipurpose Project
DBM	Department of Budget and Management	JBIC	Japan Bank for International Cooperation
EO	Executive Order	JICA	Japan International Cooperation Agency
EDCF	Economic Development Cooperation Fund	KOICA	Korea International Cooperation Agency
FAPs	Foreign Assisted Projects	km	Kilometer
FBs	Farmer Beneficiaries	LFPs	Locally Funded Projects
FSDE	Feasibility Study and Detailed Engineering	LGU	Local Government Unit
FUSA	Firmed-Up Service Area	LP	Loan Proceeds

ABBREVIATIONS/ACRONYMS USED

ABB/ACR	MEANING	ABB/ACR	MEANING
M	Million	PD	Presidential Decree
MARIIS	Magat River Integrated Irrigation System	PMO	Project Management Office
MPIP	Multipurpose Irrigation Project	POW	Program of Work
NCA	Notice of Cash Allocation	QRF	Quick Response Fund
NEDA	National Economic and Development Authority	RA	Republic Act
NGO	Non Government Organization	RPlan	Rationalization Plan
NIA	National Irrigation Administration	RREGPIP	Repair/Establishment of Groundwater Pump Irrigation Project
NIP or NIS NIS RIP	National Irrigation Project or System National Irrigation Sector Rehabilitation and Improvement Project	RIOs RIP or RIS	Regional Irrigation Offices River Irrigation Project or System
O&M	Operation & Maintenance	ROW	Right-of-Way
OGA	Other Government Agencies	SEC	Securities and Exchange Commission
PC	Peso Counterpart	SIP	Small Irrigation Project
PCRs	Project Completion Reports	SIS	Small Irrigation System
PIDP	Participatory Irrigation Development Project	SRIP	Small Reservoir Irrigation Project
PIP	Pump Irrigation Project	SRIS	Small Reservoir Irrigation System
PIS	Private Irrigation System	WB	World Bank

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

NIA pursued the implementation of 2,072 infrastructure projects for CY2017. Of the total number, 1,214 projects are in Luzon, 423 in Visayas, and 435 in Mindanao. 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 CY2017 program included the: generation of 23,115 ha; restoration of 13,507 ha; repair & rehabilitation works of 249 km earth canal, 1,133 km concrete lined canal, 66 km high density polyethylene (HDPE) pipe, 344,906 sq. m. of coconet slope protection area, 19 km concrete roads, 67 km gravel and 3,461 unit of canal structures.

The agency accomplished 19,679 ha new area generation, and 17,788 ha area restoration. Repair works dwelt on 480.29 km of earth canals, 1,880.21 km of canal lining, 224.38 km of high density polyethylene (HDPE) pipe, 377,243 sq. m. of coconet slope protection area, 31.84 km concrete roads, 84.95 km gravel and 5,458 unit of canal structures. These included accomplishments under the CY2017 Program and carry-over projects.

Some 104,677 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 ₱ 53.30 B: ₱ 38.38 B from approved budget for CY2017 and ₱ 14.92 B from previous year's unobligated balance. Total available allotment for the year was ₱ 53.30 B with

notice of cash allocation (NCA) received of ₱ 28.60 B. Obligations incurred reached ₱ 48.71 B.

NIA operated and maintained 307 NISs nationwide which includes 59 small irrigation systems located in the Cordillera Administrative Region (CAR) considered as NISs per MC# 58, s. 2013 with an aggregate service area of 848,617 ha and a firm-up service area (FUSA) of 748,829 ha at the beginning of the year. The irrigation-programmed service area for this crop year is 1,188,164 ha. Irrigated area was 597,259 ha during the dry season 2016 (November 2016 to April 2017), 633,443 ha during the wet season 2016 (May 2017 to October 2017), and 15,538 ha for the third crop 2017 – equivalent to a total of 1,246,240 ha (105% of the irrigation-programmed service area). Cropping intensity achieved was 146.86 percent based on the service area or 166.43 percent based on the FUSA.

There are 9,196 communal irrigation systems (CISs) at the beginning of the year with an aggregate service area of 648,417 ha and a FUSA of 574,007 ha. In Crop Year 2016-2017, total irrigated area in the CISs was 804,540 ha—equivalent to a cropping intensity of 124.08 percent based on service area or 140.16 percent based on FUSA.

As of December 31, 2017, The total service area developed was 1,887,986 ha (60.35%) compared with the CY 2016 service area of 1,855,982 ha (59.32%) of the irrigable area of 3,128,631 ha. The service area is distributed as follows: 867,903 ha are under NIS, 663,230 ha in CIS, 184,870 ha in private irrigation systems and 171,984 ha in other government agency assisted. The remaining irrigable area for development is 1,240,645 ha, which comprises those rice and corn lands with up to 3 percent field slope wherein converted areas and permanently non-restorable areas were deducted.

SUMMARY OF PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2017 PROGRAM
As of December 31, 2017

Category	Overall Area (ha)	Area (ha)												Actual To Date	
		CY 2017 Target						CY 2017 Actual Accomplishment							
		CY 2017 Program	Carry-Over Program				Total	CY 2017	Carry-Over Program				Total CY 2017		
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013			
I. CY 2017 PROGRAM															
A. PROGRAM															
A1. OPERATIONS															
	New	16,021	10,303	2,740	-	9	-	13,052	3,019	277	-	9	-	3,305	4,681
	Resto	4,408	13,026	777	-	-	-	13,803	9,422	289	-	-	-	9,711	9,792
	Earth Canals (Km)		247.07	-	-	-	-	247.07	257.71	-	-	-	-	257.71	257.71
	Canal Lining (km.)		1,103.98	60.46	-	-	-	1,164.44	923.86	66.31	-	-	-	990.17	1,001.21
	Canal Structures (Unit)	70	3,447	85	-	-	-	3,532	2,650	94	-	-	-	2,744	2,745
	HDPE (km)		66.18	-	-	-	-	66.18	94.65	-	-	-	-	94.65	94.65
	Coconet (sq.m.)		344,906	-	-	-	-	344,906	290,232	7	-	-	-	290,239	290,239
	Concrete Rd (km)		18.71	-	-	-	-	18.71	20.45	-	-	-	-	20.45	20.45
	Gravel Rd (km)		66.81	2.67	-	-	-	69.48	61.92	3.53	-	-	-	65.45	65.45
B. PROJECTS															
B1. LOCALLY FUNDED PROJECTS															
	New	110,957	12,812	3,783	3,535	2,557	95	22,782	5,777	953	601	20	485	7,836	41,483
	Resto	9,424	153	180	-	-	-	333	116	-	-	-	-	116	296
	Earth Canals (Km)		-	-	-	-	-	-	16.35	-	14.34	1.49	-	32.18	32.18
	Canal Lining (km.)		8.24	-	-	-	-	8.24	180.82	37.68	76.55	6.25	-	301.31	311.04
	Canal Structures (Unit)		2.00	-	-	-	-	2.00	503.00	280.00	103.00	21.00	-	907.00	979.00
	HDPE (km)		-	-	-	-	-	-	83.70	-	-	-	-	83.70	83.70
	Concrete Rd (km)		-	-	-	-	-	-	-	2.94	-	-	-	2.94	2.94
	Gravel Rd (km)		-	-	-	-	-	-	-	3	-	-	-	3	3
	Coconet (sq.m.)	-	-	-	-	-	-	-	-	5,845	-	-	-	5,845	5,845
B2. FOREIGN ASSISTED PROJECTS															
	New	17,591	-	1,513	400	116	-	2,029	-	-	-	-	-	-	1,430
	Resto	45,284	328	4,239	605	5,017	-	10,189	-	133	-	-	-	133	2,506
	Earth Canals (Km)	333.00	2.00	-	-	-	-	2.00	-	-	110.88	6.28	-	117.16	117.16
	Canal Lining (km.)	153.30	20.87	13.50	-	-	-	34.37	7.33	2.57	15.21	1.50	-	26.61	26.61
	Canal Structures (Unit)	455	12	22	-	-	-	34	2	20	10	9	-	41	41
TOTAL (I) CY 2017 PROGRAM															
	New	144,569	23,115	8,036	3,935	2,682	95	37,863	8,796	1,230	601	29	485	11,141	47,594
	Resto	59,116	13,507	5,196	605	5,017	-	24,325	9,538	422	-	-	-	9,960	12,594
	Earth Canals (Km)	333.00	249.07	-	-	-	-	249.07	274.07	-	125.22	7.77	-	407.06	407.06
	Canal Lining (km)	153.30	1,133.09	73.96	-	-	-	1,207.05	1,112.01	106.56	91.76	7.75	-	1,318.08	1,338.86
	Canal Structures (Unit)	525.00	3,461.00	107.00	-	-	-	3,568.00	3,155.00	393.71	113.00	30.00	-	3,691.71	3,764.71
	HDPE (km)	-	66	-	-	-	-	66	178	-	-	-	-	178	178
	Coconet (sq.m.)	-	344,906	-	-	-	-	344,906	290,232	5,852	-	-	-	296,084	296,084
	Concrete Rd (km)	-	18.71	-	-	-	-	18.71	20.45	2.94	-	-	-	23.39	23.39
	Gravel Rd (km)	-	66.81	2.67	-	-	-	69.48	61.92	6.97	-	-	-	68.89	68.89
II. CONTINUING APPROPRIATIONS															
TOTAL FOR CONTINUING APPROPRIATIONS															
	New	20,991	-	12,329	3,329	3,250	311	19,219	-	5,940	927	1,392	279	8,538	79,522
	Resto	5,321	-	17,831	46	1,532	1,332	20,741	-	4,510	2,955	354	10	7,828	63,145
	Earth Canals (Km)	-	-	343.76	20.19	-	-	363.95	-	-	35.56	37.68	-	73.24	1,132.61
	Canal Lining (km)	3.50	-	749.90	6.33	-	-	756.23	-	367.39	87.93	108.80	-	562.13	2,122.18
	Canal Structures (Unit)	15	-	1,411	8	-	-	1,419	-	1,074	298	395	-	1,767	5,961
	HDPE (km)	-	-	67.24	-	-	-	67.24	-	46.03	-	-	-	46.03	74.14
	Coconet (sq.m.)	-	-	494,887	-	-	-	494,887	-	81,159	-	-	-	81,159	380,383
	Concrete Rd (km)	-	-	13	-	-	-	13	-	8	-	-	-	8	8
	Gravel Rd (km)	-	-	3	-	-	-	3	-	16	-	-	-	16	16
TOTAL FOR IRRIGATION DEVELOPMENT PROGRAM															
	New	165,560	23,115	20,365	7,264	5,932	406	57,082	8,796	7,170	1,528	1,421	764	19,679	127,116
	Resto	64,437	13,507	23,027	651	6,549	1,332	45,066	9,538	4,932	2,955	354	10	17,788	75,739
	Earth Canals (Km)	333.00	249.07	343.76	20.19	-	-	613.02	274.07	-	160.78	45.45	-	480.29	1,539.67
	Canal Lining (km.)	156.80	1,133.09	823.86	6.33	-	-	1,963.28	1,112.01	473.95	179.70	116.55	-	1,880.21	3,461.05
	Canal Structures (Unit)	540	3,461	1,518	8	-	-	4,987	3,155	1,467	411	425	-	5,458	9,725
	HDPE (km)	-	66.18	67.24	-	-	-	133.42	178.35	46.03	-	-	-	224.38	252.49
	Coconet (sq.m.)	-	344,906	494,887	-	-	-	839,793	290,232	87,011	-	-	-	377,243	676,467
	Concrete Rd (km)	-	18.71	13.00	-	-	-	31.71	20.45	11.39	-	-	-	31.84	31.84
	Gravel Rd (km)	-	66.81	5.34	-	-	-	72.15	61.92	23.03	-	-	-	84.95	84.95



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SUMMARY OF FINANCIAL STATUS OF IRRIGATION PROJECTS
 FY 2017 IRRIGATION PROGRAM (R.A. 10924)
 January 1 - December 31, 2017
 (All Amount in Thousand Pesos)

Project	CY 2017 IRRIGATION PROGRAM				CARRY-OVER FUNDS				REGULAR CY 2017 PROGRAM & CARRY-OVER FUNDS			
	CY 2017 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Balance as of Dec. 2016	Allotment Received	NCA Received	Obligation	Total CY 2017 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)
I. CY 2017 PROGRAM												
A. Programs	PC 25,651,737	25,651,737	16,883,408	24,868,926	228,090	-	672,604	225,266	25,879,827	25,879,827	17,556,012	25,094,191
B. Projects												
B1. Locally Funded Projects	PC 9,554,575	9,554,575	2,531,437	8,229,157	8,579,305	-	3,380,466	7,858,602	18,133,880	18,133,880	5,911,903	16,087,759
B2. Foreign-Assisted Projects	PC 492,788	492,788	492,788	146,401	295,245	-	-	111,847	788,033	788,033	492,788	258,247
	LP 2,677,341	2,677,341	12,176	2,255,564	4,281,643	-	55,883	3,736,513	6,958,984	6,958,984	68,059	5,992,078
	TP 3,170,129	3,170,129	504,964	2,401,965	4,576,888	-	55,883	3,848,360	7,747,017	7,747,017	560,847	6,250,325
	PC 35,699,100	35,699,100	19,907,633	33,244,483	9,102,640	-	4,053,070	8,195,715	44,801,740	44,801,740	23,960,703	41,440,198
	LP 2,677,341	2,677,341	12,176	2,255,564	4,281,643	-	55,883	3,736,513	6,958,984	6,958,984	68,059	5,992,078
	TP 38,376,441	38,376,441	19,919,809	35,500,047	13,384,283	-	4,108,953	11,932,228	51,760,724	51,760,724	24,028,762	47,432,276
TOTAL (I)												
II. CONTINUING APPROPRIATION	PC -	-	-	-	1,539,683	-	4,574,395	1,277,783	1,539,683	1,539,683	4,574,395	1,277,783
TOTAL for IRRIGATION PROGRAM	PC 35,699,100	35,699,100	19,907,633	33,244,483	10,642,323	-	8,627,465	9,473,498	46,341,423	46,341,423	28,535,098	42,717,981
	LP 2,677,341	2,677,341	12,176	2,255,564	4,281,643	-	55,883	3,736,513	6,958,984	6,958,984	68,059	5,992,078
	TP 38,376,441	38,376,441	19,919,809	35,500,047	14,923,967	-	8,683,348	13,210,012	53,300,408	53,300,408	28,603,158	48,710,059

NOTE:

CARRY-OVER FUNDS includes balances from CY 2016 and CY 2015 Regular Appropriations
 Unaudited Financial Status as of December 31, 2017.

PC - Peso Counterpart
 LP - Loan Proceeds
 TP - Total in Pesos

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**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 CY2017, the total budgetary allocation of about ₱ 383 Million was 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, Pump Irrigation Projects and Diversion Projects with service area of more than 1,000 hectares.

It should be emphasized that 172 projects were completed for feasibility study and 111 projects for detailed engineering design as of December 30, 2017. Most ongoing FS&DE are SRIPs and NIPs that require more than a year to complete the studies. (see 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, eight (8) major projects are included in the list of Flagship Infrastructure Projects namely (1) Chico River Pump Irrigation Project; (2) Malitubog-Maridagao Irrigation Project, Phase II; (3) Gregorio del Pilar Impounding Project; (4) Ilocos Norte Irrigation Project, Stage II; (5) Tumauni River Multipurpose Project; (6) Panay River Basin Integrated Development Project; (7) Bohol Northeast Basin Multipurpose Project; and (8) Asbang Small Reservoir Irrigation Project.

II. Project Implementation

A. Foreign-Assisted Projects (FAPs)

Under the CY2017 Irrigation Program as per RA 10924, NIA implemented 3 continuing FAPs. These were the (1) Participatory Irrigation Development Project (Phase I, nationwide), (2) National Irrigation Sector Rehabilitation Project (covering Regions 1, 3, 4-A, 4-B, 6, 10, 11, 12 and 13), and (3) Jalaur River Multipurpose Project Stage II in Iloilo. These projects have an aggregate total funding requirement of ₱ 3.17 B—equivalent to 8 percent of the total approved budget of ₱ 38.38 B.

As of the end of the year, total allotment released for these projects was ₱ 3.17 B or 100 percent of the amount programmed but the obligation incurred was ₱ 2.4 B. Carry-over fund of ₱ 4.58 B, which was unobligated from the previous year's allocation for these projects, was utilized during the year. Total available allotment for FAPs thus amounted to ₱ 7.75 B with a total obligation of ₱ 6.25 B.

Under the CY2017 Program, these projects intended to restore 328 ha, repair 2 km earth canal, 20.87 km of canal lining and 12 unit of canal structures that will benefit some 220 farmer beneficiaries.

As of December 31, 2017, these projects restored 133 ha, repaired 117.16 km earth canal, 26.61 km of canal lining and 41 unit of canal structures. These included accomplishments under the CY2017 Program and carry-over projects.

1. Participatory Irrigation Development Project (PIDP)

PIDP is now on its final year of implementation. The original Loan closing date was March 31, 2015 but was extended until August 31, 2018 after the loan restructuring proposal was approved by the World Bank on February 14, 2017 duly countersigned by the Government of the Philippines thru the Department of Finance (DOF) on February 27, 2017.

The Rationalization Plan was fully completed in CY 2014 while the IMT continues with its implementation on the IMT Modified Contracting pursuant to MC13 s. 2017. For this year, there are 913 (99%) out of 922 IAs in the PIDP covered NISs have already entered into a Modified Contract.

Institutional strengthening includes a capability training programs for Staff and IAs. In CY2017, 60 batches of trainings with 2,506 participants were provided for the IAs and staff in RIOs and IMO's which contributed in the improved performance of the staff as well as the IAs in assuming their responsibilities in the Operation and Management of the systems.

The compliance of Environmental and Social Management Plans (ESMP) in Core A and B NISs and Contractors' Environmental Management Plans (CEMP in Core A NISs of PIDP are continuously being monitored by the Project. Implementation and monitoring of Resettlement Action Plan (RAPs) of 8 NIS were done and facilitated payment of compensations for the Project Affected Persons (PAPs). For CY2017, 20 out of 27 unpaid PAPs in CY2016 were paid of their

compensations for the affected assets. Eight (8) Livelihood proposals were approved by the PMO and now being implemented in the area.

Accomplishment of the civil works for this year include the completion of the twelve (12) packages under the additional works in Region 2 and on-going works of the remaining four (4) Core A NISs while the 2 big contracts (Upper Chico RIS and Zinundungan RIS) were terminated and repackaged. The four (4) Core B NISs under the PIDP restructuring are progressing well with two (2) out of 9 contracts were completed.

This year, the project was able to repair 50.71 km of earth canal, 22.54 km of canal lining and 12 unit of canal structures. Over-all, the project accomplished 1,430 ha of new area and 2,253 ha of restored area.

The three (3) remaining consultancy services (Project Impact Assessment Study, Preparation of PIDP Project Completion Report and External Evaluation Consultant for PIDP RAP) are under procurement process.

The over-all accomplishment of PIDP as of December 31, 2017 is 84.48% .

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

JRMP-II is funded by the Economic Development Cooperation Fund (EDCF) of Korea through a loan approved on 09 August 2012 that took effect on 28 November 2012.

The year 2017 is momentous for the Jalaur River Multi-Purpose Project Stage II. The issuance of Notice of Award (NOA) to the winning contractor after the International Competitive Bidding (ICB) marked the start of the realization of the biggest irrigation development project of Iloilo. Said NOA was given to Daewoo of South Korea on December 27, 2017. Succeeding activities will be the finalization of contract and granting of the Notice to Proceed (NTP) which will officially commence the construction activities.

On the other hand, the Investment Coordination Committee – Cabinet Committee (ICC-CabCom) approved the extension of loan validity and project completion schedule of JRMP II on December 6, 2017. It is a 46 months extension of loan validity which starts on May 28, 2018 until March 28, 2022 and Project Completion Schedule from November 2017 to September 2021. This ensures the implementation of the project despite the years of delay in complying necessary requirements and responding to court complaints files by opposing parties.

As for the approval of the Project Affected Families (PAF) and farmer beneficiaries, signed Memorandum of Understanding (MOU) was at 96% by the end of 2017 and Offer to Buy (OTB) at 93%. The MOU serves as the permit to enter and construct while necessary documents for payment of affected properties are processed. Meanwhile, it is stated in the OTB the area affected by the project for each PAF and its equivalent value. It also gives the PAF the option to accept or deny the said offer.

As a tied loan, JRMP II is monitored and guided by the Safeguard Policy of the Economic Development Cooperation Fund (EDCF). Environmental and Social Safeguards is commissioned by the funding institution. During their last mission on November 13-17, 2017, the safeguards team reported that NIA has satisfactorily complied with the Conditions to Contract (CC) with one remaining condition out of the 24 that was left to be complied. This condition is on Compensation Enforcement for Affected Land. NIA is working to comply with the remaining condition pursuant to Republic Act 10752 or AN ACT FACILITATION THE ACQUISITION OF RIGHT-OF-WAY, SITE OR LOCATION FOR NATIONAL GOVERNMENT INFRASTRUCTURE PROJECTS.

In JRMP II, we believe that the **MILLIONS** of smiles from our beneficiaries is invaluable than the Irrigation Service Fee (ISF). Palay was planted to the thousand hectares of land but what really grows is the **HAPPINESS** in the heart of our farmers. Uplifting people's lives to the fullest is just a few steps away. The "much-needed" and "long-awaited" biggest irrigation development project is nigh from its full realization.

Overall Physical Accomplishment is 16.23%.

3. National Irrigation Sector Rehabilitation and Improvement Project (NISRIP)

The National Irrigation Sector Rehabilitation and Improvement Project (NISRIP) is funded by the Japan International Cooperation Agency (JICA) under Loan Agreement No. PH-P254. The

main purpose of NISRIP is to increase food production by strengthening the irrigation sector to contribute to the rice self-sufficiency program of the government. This will be realized through: a) restoration of the original functions of the National Irrigation Systems (NIS), b) implements Irrigation Management Transfer (IMT) and the NIS to enable management to improve operation and maintenance (O&M) to be sustainable, and c) agricultural support for farmers to further increase productivity. The NISRIP was originally proposed to cover 11 NISs subprojects with a total Firmed-Up Service Area (FUSA) of 35,670 has. With a total project cost of ₱ 4.007 B and implementation period of 5 years from 2012 to 2017, co-implemented by the NIA civil works and institutional development component and PhilRice for the Agri-support component.

For CY2017, NISRIP shown a remarkable recovery despite encountering construction problems from the past years of implementation. The project finished 2017 with an accomplishment of 49.95% compared with the CY2016 accomplishment of 20.05%. Since it worked out that very nearly half was done by the project, NISRIP PMO anticipated the circumstance and made plans to ask for augmentation of execution plan toward the start of 2017 to adapt up to the objective. It has taken right around a year to submit the request of extension of implementation schedule to NEDA since, three (3) sub-projects were terminated and there were some considerable measures of corrections made. The NIA Board recommended the request for extension to NEDA Board last November 20, 2017. Thus, Contract No. NISRIP-C-1 was terminated last July 20, 2017 whilst the other two (2) contracts NISRIPD-

C-3R2 and CP-C-9R were simultaneously terminated last December 7, 2017.

Given all these situations on civil works, other components of the project like institutional development and Agri-support were still performing better. Due to the delays of construction and anticipated termination, a series of meetings, dialogues, conferences, stakeholder meetings, LGU meetings and field group discussions were conducted to at ease the farmers of the project. With the help of the top management, regional and provincial level management, the beneficiaries were able to understand and grasp the current situation regarding the impending implementation. The National Irrigation Systems come up with ways to operate at the same time give way for the construction without hindering the activities of the farmers.

The PMO also conducted a series of coordination meetings involving NIA's top management, NISRIP PMO and Consultants, RIO/IMO/CMU, and Contractors to settle the issues and arrive with immediate action plans for the standing situations therein. Unfortunately, Contractors commitments were not realized and that resulted in the termination of contracts and warnings to other contracts with critical slippages.

B. Locally-Funded Projects (LFPs)

Some 2,058 LFPs were implemented under the CY2017 Program. Total approved allocation for these projects was ₱ 35.21 B—equivalent to 92 percent of the approved budget for NIA. Allotment through Agency Budget Matrix (ABM)

was ₱ 35.21 B or 100 percent of the allocation. Adding the ₱ 10.34 B unobligated balance from previous year's allotment, this year's available allotment was 45.55 B but the total obligation was ₱ 42.46 B.

Physical targets of these projects under the CY2017 Program were: generation of 23,115 ha of new area, restoration of 13,179 ha, and repair of 247 km earth canal, 1,112 km concrete lined canal, 66 km HDPE, 344,906 sq. m. coconet slope protection area, 19 km concrete road, 67 gravel road and 3,449 unit of canal structures.

Physical accomplishments under the CY2017 Program were: 8,796 ha new area generated, 9,538 ha of area restored and repair of 274.07 km earth canal, 1,104.68 km of canal lining, 178 km HDPE, 290,232 sq. m. coconet slope protection area, 20.45 km concrete road, 61.92 km gravel road and 3,153 unit of canal structures. Carry-over projects generated 2,345 ha new area, restore 289 ha and repair 15.83 km earth canal, 186.79 km of canal lining, 5,852 sq. m. coconet slope protection area, 2.94 km concrete road, 6.97 km gravel road and 498 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 CY2017, an amount of ₱ 2.237 B is allotted to SRIP for the implementation of sixteen (16) projects nationwide as follows.

PLANNING AND DEVELOPMENT OF IRRIGATION PROJECTS

NAME OF PROJECT		CY2017 ALLOCATION (P'M)	Overall Status (%)
1	Marimay SRIP, CAR	45.33	45.33
2	Barbar SRIP, Reg. 1	48.49	48.49
3	Sulvec SRIP, Reg. 1	30.36	30.36
4	Bulo SRIP, Reg. 3	27.58	27.58
5	Upper Tabuating SRIP, Reg. 3 UPRIIS	74.46	74.46
6	Balbalungao SRIP, Reg. 3 UPRIIS	34.94	34.94
7	Macalelon SRIP, Reg. 4A	7.19	7.19
8	Bagtingon SRIP, Reg 4B	4.22	4.22
9	Sibagat SRIP, Reg. 5	25.87	25.87
10	Ibingan SRIP, Reg. 5	22.13	22.13
11	Barotac-Viejo SRIP, Reg. 6	59.43	59.43
12	Mabini-Cayacay SRIP, Reg. 7	32.66	32.66
13	Bonot-Bonot SRIP, Reg. 7	27.56	27.56
14	Benliw SRIP, Reg. 8	25.68	25.68
15	Hibulangan SRIP, Reg. 8	63.38	63.38
16	Sta. Rita SRIP, Reg. 8	68.46	68.46
TOTAL		2,237.35	

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

There are forty two (42) projects implemented this CY2017, with a target area of 430 ha new areas and 531 ha for restoration to benefit around 640 farmer beneficiaries. There were twenty three (23) projects completed with generated new area of 281 ha and 303 ha of restored area. Repair works dwelt on 0.68 km of earth canal, 30.83 km of canal lining and 40 unit of canal structures. The remaining nineteen (19) projects are expected for completion on or before June 30, 2018.

Fourteen (14) carry-over projects were completed as of December 31, 2017 with an area of 122 ha new, 191 ha restored and 156 ha rehabilitated.

For CY2017, the approved allocation was ₱ 282.040 M, with incurred obligation of ₱ 276.865 M and unobligated balance of ₱ 5.175 M.

As of December 31, 2017, a total of seventy (70) IAs were organized while three hundred ninety four (394) were strengthened with a combined membership of forty eight thousand sixty-nine (48,069). There were seven hundred forty-six (746) batches of IA development trainings were given to twenty-two thousand one hundred thirty-nine (22,139) members of the associations. Two hundred sixty-three (263) batches of staff development trainings were conducted, attended by five thousand eight hundred twenty six (5,826) NIA personnel nationwide.

C. Continuing Appropriations

Other than the projects implemented under the CY2017 Program, 54 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 8,538 ha new area, restore 7,828 ha and repair 73.24 km earth canal, 562.13 km of canal lining, 81,159 sq. m. coconet slope protection area, 46.03 km HDPE, 8 km concrete road, 16 km gravel road and 1,767 unit of canal structures.

D. Convergence Projects

**Mindanao Sustainable Agrarian and Agriculture Development (MinSAAD)–
DAR Funded Project**

The Mindanao Sustainable Agrarian and Agriculture Development (MinSAAD) Project is now on its third year of implementation. The project had already completed and submitted 24 Feasibility Study Reports (FSRs) with nineteen (19) projects found to be technically, economically, financially viable and recommendable for implementation. Of these, 17 projects with Detailed Design and Program of Works were already submitted for review and recommendation for approval by MinSAAD PMO and two (2) projects are for final submission of revised D/D and POW as agreed by and between DAR MinSAAD CPMO and CARP-IC PMO. Nineteen (19) irrigation projects have been approved for funding by Sub-Project Approval Committee (SAC) for implementation.

Of the seventeen (17) projects approved by SAC for construction, two (2) projects were already completed, five (5) irrigation sub-projects were on-going, three (3) projects for contract award, and seven (7) projects for contract procurement.

As of December 31, 2017, a total of ₱ 288.282 M allotment was received. Around ₱ 159.607 M or 55.36% of the allotments released to NIA were supported with cash. Total obligation of ₱ 182.077 M or 63.16% absorptive capacity was intended for pre-engineering, civil works, institutional development and support to agency. Fund utilization/cash released to field offices was noted at ₱ 87.290 M or 54.69%.

Physical Accomplishments for CY2017 were 69 ha of new area generated, 153 ha of restored area and rehabilitated 162 ha or a total of 384 ha.

As of December 31, 2017, a total of five (5) IAs were organized while eight (8) were strengthened with a combine membership of six hundred sixty-eight (668). There were eighteen (18) batches of IA development trainings given to five hundred twenty-six (526) members of the association. A total of eight (8) batches staff development trainings were provided to one hundred nine (109) NIA personnel for Regions 10, 11 and 12.

III. Irrigation Development

The total service area developed as of December 31, 2017 was 1,887,986 ha—equivalent to 60.35 percent of the irrigable area of 3,128,631 ha. Of this area, 867,903 ha are under NIS, 663,230 ha in CIS, 184,870 ha in private irrigation systems and 171,984 ha in other government agency assisted. The remaining irrigable area for development is 1,240,645 ha, which comprises those rice and corn lands with up to 3 percent field slope wherein converted areas and permanently non-restorable areas were deducted (see Annex E).

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

I. System Management

a. National Irrigation Systems (NISs)

NIA operated and maintained 307 National Irrigation Systems (NISs) nationwide consisting of 248 NIS and 59 Small Irrigation Systems (SIS) which are also considered as NISs per MC# 58, s. 2013 with an aggregate service area of 848,617 ha and a firmied-up service area (FUSA) of 748,829 ha.

For this crop year the irrigation-programmed service area is 1,188,164 ha. Irrigated area was 597,259 ha during the dry season 2016 (November 2016 to April 2017), 633,443 ha during the wet season 2017 (May 2017 to October 2017), and 15,538 ha for the third crop 2017 – equivalent to a total of 1,246,240 ha (105% of the irrigation-programmed service area). Cropping intensity achieved was 146.86 percent based on the service area or 166.43 percent based on the FUSA (see Annex F).

b. Communal Irrigation Systems (CISs)

There are 9,196 communal irrigation systems (CISs) at the beginning of the year with an aggregate service area of 648,417 ha and a FUSA of 574,007 ha. In Crop Year 2016-2017, total irrigated area in the CISs was 804,540 ha equivalent to a cropping intensity of 124.08 based on service area or 140.16 percent based on FUSA (see Annex G).

II. Institutional Development

For CY2017, there are 3,670 IAs covering an area of 45,509 hectares with farmer beneficiaries of 671,216 was strengthened. This was done by uplifting the performance of IAs in the form of providing necessary capacity and capability building

OPERATION AND MAINTENANCE OF IRRIGATION SYSTEMS

programs in relation to operation and maintenance aspect of irrigation system as well as leadership and management of IAs affair. 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 and Objective, programs and projects and formulate some policy in consonance with their VMO and projects.

The number of IAs sustained was 2,725 covering an area of 641,590 ha with 550,074 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 797 IAs and 225,513 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, Leadership and Management, Financial Management System, System Management Training, Water Management, Operation and Maintenance, Strategic Planning and Policy Formulation, Work Attitude and Values Enhancement, Technology Enhancement Program, Gender Based Effectiveness skills training and Team Building.

On the other hand, 1,115 batches of capacity building programs were conducted, benefiting 30,087 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, 9,128 IAs with 87,822 FBs received numerous benefits from these programs and services.

As of December 31, 2017, there are already 8,732 IAs organized covering an area of 1,289,816.57 hectares with 1,108,960 farmer beneficiaries wherein 986,032 of these farmer applied for membership to their respective IAs either in the national or in communal system. Out of the 8,732 organized IAs, 8,195 were registered to the government which is about 93.85%. There are 2,773 IAs entered into O&M contract with the NIA wherein 2,655 are from NIS and 118 from NIP/SIS/SRIS. Presently 4,878 CIS had been turnover to organized farmers of the same number covering an area of 430,103.37 hectares with farmer beneficiaries of 383,463. (See Annex H)

III. Equipment Management

NIA maintained in operating condition 3,245 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 628 units and the total number of equipment recommended for disposal is 1,443 units. The overall total inventory of equipment as of December 31, 2017 was 5,316 units (See Annex I).

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.

OPERATION AND MAINTENANCE OF IRRIGATION SYSTEMS

NIA have generated an income amounting to ₱ 338.39 M from the equipment rental against ₱ 269.52 M target for CY2017.

For CY2017, NIA have repaired a total of 232 units of O&M Equipment with repair expenses amounting to ₱ 40.80 M from the Equipment Repair Fund per MC No. 50 series of 2012.

IV. Irrigation Engineering Center (IEC)

a. Climate Change Adaptation Works (CCAW)

The Irrigation Engineering Center (IEC) had been monitoring prime intervention activities under Climate Change Adaptation Works (CCAW) being implemented by NIA Field Offices. Priority activities under CCAW include, among others, flood/river protection works, canal and diversion improvement works, watershed development and plantation, installation of control and steel turn-out gates and establishment of telemetry rainfall/river gauge stations (water level sensors).

The CY2017 CCAW (National Systems) approved budget of ₱ 538.633 M was implemented in 154 NIS and the CY2017 CCAW (Communal Systems) approved budget of ₱ 95.420 was implemented in 42 CIS under Regions CAR, 1, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 10, 11, 12, CARAGA, MARIIS AND UPRIIS. Physical Accomplishment as of December 31, 2017 for NIS and CIS are 69.78% and 76.04%, respectively.

b. Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda

The Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda covers eight (8) NISs in Region 8 with approved budget of ₱ 555.425 M for CY 2017. The

OPERATION AND MAINTENANCE OF IRRIGATION SYSTEMS

program focuses on rehabilitation, construction and maintenance of earthen and concrete-lined canals and hydraulic structures. In terms of physical accomplishment, the program has completed 63.58% which consists of repair of 70.75 km canal lining, 7.78 km gravel roads and 9 unit of canal structures.

c. Coconet Slope Protection Project in NIS/CIS

The NIA Board Resolution No. 8190-15 Series of 2015 confirms and approves the Memorandum of Agreement (MOA) between OPAFSAM, DPWH, NIA and PCA on the convergence and integration on the use of coconut coir in government infrastructure projects to increase coco coir production and thereby increasing the income of coconut farmers and generating more jobs in the countryside.

Thru the supportive effort of our Agency and in collaboration with other government agencies relative to the "Coconet Slope Protection in NIS and CIS" (Bio-Engineering Technology), NIA was blessed and provided with ₱ 222.049 M under Republic Act No. 10924 otherwise known as General Appropriation Act for CY2017 for this project.

NIA accomplished 290,231.85. sq. m. of coconet slope protection area as of December 31, 2017. Overall Physical accomplishment is 80.38%.

d. Focal Team for Innovative Agricultural Irrigation Development

To promote renewable energy and provide additional income to the agency, the IEC initiate the promotion of Floating Solar Panel at the Pantabangan Reservoir wherein the investor will pay the agency for the space rental.

e. Focal Team for Water Quality Monitoring

In line with the implementation of water quality assessment initially at UPRIIS, Regions 3 and 4-A, the focal team for water quality monitoring initiate to consolidate guidelines and policies for classification/water quality criteria for Irrigation and agricultural drainage wastewater. Quality Water Sampling and Water Quality Assessment Report was submitted.

ANNEXES



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FY 2017 IRRIGATION PROGRAM (R.A. 10924)

PARTICULARS	Allocation (P'000)	T A R G E T S										Farmer Beneficiaries (No)	Jobs Generated (No)
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works									
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)			
PROGRAMS													
GENERAL ADMINISTRATION AND SUPPORT	10,711,537	-	-	-	-	-	-	-	-	-	-	-	
SUPPORT TO OPERATIONS	140,500	-	-	-	-	-	-	-	-	-	-	-	
OPERATIONS	14,799,700	10,303	13,026	247	1104	3,447	66	344,906	19	67	15,530	85,812	
TOTAL PROGRAMS	25,651,737	10,303	13,026	247	1104	3,447	66	344,906	19	67	15,530	85,812	
PROJECTS													
LOCALLY-FUNDED PROJECTS	9,554,575	12,812	153	-	8	2	-	-	-	-	8,630	55,050	
FOREIGN-ASSISTED PROJECTS	3,170,129	-	328	2	21	12	-	-	-	-	220	4,600	
TOTAL PROJECTS	12,724,704	12,812	481	2	29	14	-	-	-	-	8,850	59,650	
GRAND TOTAL	38,376,441	23,115	13,507	249	1133	3,461	66	344,906	19	67	24,380	145,462	

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Republika ng Pilipinas
National Irrigation Administration
(Pambansang Pangasiwaan ng Patubig)
FY 2017 IRRIGATION PROGRAM (R.A. 10924)

Annex A

PARTICULARS	Allocation (P'000)	T A R G E T S										Farmer Beneficiaries (No)	Jobs Generated (No)
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works									
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)			
PROGRAMS													
<u>GENERAL ADMINISTRATION AND SUPPORT</u>													
1 Agri-Agra NDC Loan repayment	1,498,870	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL OFFICE	1,498,870	-	-	-	-	-	-	-	-	-	-	-	-
2 Irrigation Fee Subsidy	2,000,000	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL OFFICE	2,000,000	-	-	-	-	-	-	-	-	-	-	-	-
3 Operating Subsidy	1,690,657	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL OFFICE	1,690,657	-	-	-	-	-	-	-	-	-	-	-	-
4 Payment of NIA's Obligation to CE-Casencan for Water delivery fee	2,880,000	-	-	-	-	-	-	-	-	-	-	-	-
REGION 3 (PROPER)	2,880,000	-	-	-	-	-	-	-	-	-	-	-	-
5 Provision for the Non-Power Component of the San Roque Multi-Purpose Project	2,642,010	-	-	-	-	-	-	-	-	-	-	-	-
REGION 1	2,642,010	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GENERAL ADMINISTRATION AND SUPPORT	10,711,537	-	-	-	-	-	-	-	-	-	-	-	-
<u>SUPPORT TO OPERATIONS</u>													
1 Heavy Equipment Procurement for Irrigation Systems	110,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 1	6,500	-	-	-	-	-	-	-	-	-	-	-	-
CAR	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 2 (PROPER)	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 2 (MARIIS)	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 3 (PROPER)	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 3 (UPRIIS)	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 4A	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 4B	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 5	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 6	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 7	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 8	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 9	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 10	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 11	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 12	6,500	-	-	-	-	-	-	-	-	-	-	-	-
REGION 13	6,500	-	-	-	-	-	-	-	-	-	-	-	-



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Annex A

PARTICULARS	Allocation (P'000)	TARGETS										Farmer Beneficiaries (No)	Jobs Generated (No)
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works									
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)			
2 Payment for ROW, Completion Works & Unpaid Claims and Damages of Completed Projects	30,000	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL OFFICE	30,000	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL SUPPORT TO OPERATIONS	140,500	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS													
1 Agno RIS Extension Project, Pangasinan	900,351	6,167	-	-	-	-	-	-	-	-	-	4,120	4,840
REGION 1	900,351	6,167	-	-	-	-	-	-	-	-	-	4,120	4,840
2 Lower Sibuguey I RIS Extension Project, Zamboanga Sibugay	140,000	60	-	-	-	-	-	-	-	-	-	40	840
REGION 9	140,000	60	-	-	-	-	-	-	-	-	-	40	840
3 Lower Sibuguey II RIS Ext'n. Project, Zamboanga Sibugay	150,000	100	-	-	-	-	-	-	-	-	-	70	900
REGION 9	150,000	100	-	-	-	-	-	-	-	-	-	70	900
4 Upper Sibuguey RIS Extension Project, Zamboanga Sibugay	69,443	90	-	-	-	-	-	-	-	-	-	60	420
REGION 9	69,443	90	-	-	-	-	-	-	-	-	-	60	420
5 Extension/Expansion of Existing National Irrigation Systems	385,527	877	-	-	-	-	-	-	-	-	-	580	2,310
REGION 1	102,500	145	-	-	-	-	-	-	-	-	-	96	615
CAR	4,450	22	-	-	-	-	-	-	-	-	-	15	27
REGION 2 (PROPER)	49,420	70	-	-	-	-	-	-	-	-	-	46	297
REGION 2 (MARIIS)	40,207	75	-	-	-	-	-	-	-	-	-	48	241
REGION 3 (PROPER)	20,000	60	-	-	-	-	-	-	-	-	-	40	120
REGION 4A	24,000	139	-	-	-	-	-	-	-	-	-	93	144
REGION 4B	12,200	41	-	-	-	-	-	-	-	-	-	27	73
REGION 7	51,500	100	-	-	-	-	-	-	-	-	-	66	306
REGION 12	81,250	225	-	-	-	-	-	-	-	-	-	149	487
6 Extension/Expansion of Existing Communal Irrigation Systems	1,060,014	2,579	243	-	-	-	-	-	-	-	-	1,880	6,360
REGION 1	35,000	90	66	-	-	-	-	-	-	-	-	104	210
CAR	193,620	389	91	-	-	-	-	-	-	-	-	319	1,162
REGION 2 (PROPER)	42,804	75	-	-	-	-	-	-	-	-	-	51	257
REGION 3 (PROPER)	122,813	210	30	-	-	-	-	-	-	-	-	160	737
REGION 4A	40,729	50	-	-	-	-	-	-	-	-	-	33	244
REGION 4B	20,500	120	-	-	-	-	-	-	-	-	-	80	123
REGION 5	48,280	190	-	-	-	-	-	-	-	-	-	126	290
REGION 6	56,700	224	-	-	-	-	-	-	-	-	-	147	340
Negros Island Region	76,980	238	41	-	-	-	-	-	-	-	-	185	462



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PARTICULARS	Allocation (P'000)	T A R G E T S										
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works							Farmer Beneficiaries (No)	Jobs Generated (No)
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)		
REGION 7	83,948	184	15	-	-	-	-	-	-	-	135	505
REGION 8	10,006	19	-	-	-	-	-	-	-	-	13	60
REGION 9	111,774	205	-	-	-	-	-	-	-	-	138	671
REGION 10	9,250	19	-	-	-	-	-	-	-	-	13	56
REGION 11	50,000	180	-	-	-	-	-	-	-	-	120	300
REGION 12	67,231	186	-	-	-	-	-	-	-	-	123	403
REGION 13	90,379	200	-	-	-	-	-	-	-	-	133	540
7 Repair, Operation and Maintenance of NIS Pump IS	176,022	-	-	-	-	-	-	-	-	-	-	-
REGION 1	18,000	-	-	-	-	-	-	-	-	-	-	-
REGION 2 (PROPER)	68,822	-	-	-	-	-	-	-	-	-	-	-
REGION 2 (MARIIS)	36,500	-	-	-	-	-	-	-	-	-	-	-
REGION 3 (PROPER)	24,000	-	-	-	-	-	-	-	-	-	-	-
REGION 4A	2,000	-	-	-	-	-	-	-	-	-	-	-
REGION 5	4,700	-	-	-	-	-	-	-	-	-	-	-
REGION 13	22,000	-	-	-	-	-	-	-	-	-	-	-
8 Repair of Groundwater Pump Irrigation Systems (RGPIS)	67,437	-	355	0.88	0.40	20	1.00	-	-	-	230	400
REGION 1	7,080	-	43	-	0.20	5	-	-	-	-	30	37
CAR	7,950	-	44	-	-	13	1.00	-	-	-	29	49
REGION 2 (PROPER)	4,560	-	38	-	-	-	-	-	-	-	25	28
REGION 3 (PROPER)	27,177	-	75	-	-	-	-	-	-	-	50	162
REGION 4A	8,570	-	88	-	-	-	-	-	-	-	56	51
REGION 4B	3,000	-	42	-	-	-	-	-	-	-	24	18
REGION 6	4,200	-	5	-	0.20	2	-	-	-	-	3	25
REGION 7	3,600	-	-	0.88	-	-	-	-	-	-	-	22
REGION 11	1,300	-	20	-	-	-	-	-	-	-	13	8
9 Irrigation Management Transfer Support Services (IMTSS)	89,000	-	-	-	-	-	-	-	-	-	-	-
CENTRAL OFFICE	21,000	-	-	-	-	-	-	-	-	-	-	-
REGION 1	5,400	-	-	-	-	-	-	-	-	-	-	-
CAR	4,500	-	-	-	-	-	-	-	-	-	-	-
REGION 2 (PROPER)	4,100	-	-	-	-	-	-	-	-	-	-	-
REGION 2 (MARIIS)	4,300	-	-	-	-	-	-	-	-	-	-	-
REGION 3 (PROPER)	4,931	-	-	-	-	-	-	-	-	-	-	-
REGION 3 (UPRIIS)	4,761	-	-	-	-	-	-	-	-	-	-	-



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PARTICULARS	Allocation (P'000)	T A R G E T S										
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works						Farmer Beneficiaries (No)	Jobs Generated (No)	
				Earth Canal (Km)	Concrete Lined Cana (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)			Gravel Roads (Km)
REGION 4A	3,591	-	-	-	-	-	-	-	-	-	-	-
REGION 4B	3,769	-	-	-	-	-	-	-	-	-	-	-
REGION 5	3,670	-	-	-	-	-	-	-	-	-	-	-
REGION 6	3,457	-	-	-	-	-	-	-	-	-	-	-
Negros Island Region	582	-	-	-	-	-	-	-	-	-	-	-
REGION 7	3,820	-	-	-	-	-	-	-	-	-	-	-
REGION 8	3,380	-	-	-	-	-	-	-	-	-	-	-
REGION 9	3,100	-	-	-	-	-	-	-	-	-	-	-
REGION 10	3,200	-	-	-	-	-	-	-	-	-	-	-
REGION 11	3,250	-	-	-	-	-	-	-	-	-	-	-
REGION 12	4,640	-	-	-	-	-	-	-	-	-	-	-
REGION 13	3,549	-	-	-	-	-	-	-	-	-	-	-
10 <u>Climate Change Adaptation Works (National Systems)</u>	538,633	-	-	-	-	1,293	-	-	-	-	-	3,223
REGION 1	80,000	-	-	-	-	107	-	-	-	-	-	480
CAR	31,000	-	-	-	-	14	-	-	-	-	-	186
REGION 2 (PROPER)	29,757	-	-	-	-	260	-	-	-	-	-	180
REGION 2 (MARIIS)	61,000	-	-	-	-	241	-	-	-	-	-	357
REGION 3 (PROPER)	32,000	-	-	-	-	5	-	-	-	-	-	192
REGION 3 (UPRIIS)	71,450	-	-	-	-	228	-	-	-	-	-	424
REGION 4A	71,000	-	-	-	-	60	-	-	-	-	-	420
REGION 4B	21,975	-	-	-	-	47	-	-	-	-	-	131
REGION 5	18,200	-	-	-	-	40	-	-	-	-	-	105
REGION 6	17,800	-	-	-	-	232	-	-	-	-	-	106
REGION 7	6,466	-	-	-	-	40	-	-	-	-	-	66
REGION 8	3,000	-	-	-	-	1	-	-	-	-	-	18
REGION 9	27,985	-	-	-	-	2	-	-	-	-	-	161
REGION 10	11,000	-	-	-	-	3	-	-	-	-	-	67
REGION 11	53,000	-	-	-	-	12	-	-	-	-	-	318
REGION 12	1,000	-	-	-	-	-	-	-	-	-	-	-
REGION 13	2,000	-	-	-	-	1	-	-	-	-	-	12
11 <u>Climate Change Adaptation Works (Communal Systems)</u>	95,420	-	-	-	-	136	-	-	-	-	-	719
REGION 1	11,300	-	-	-	-	10	-	-	-	-	-	68
REGION 3 (PROPER)	32,000	-	-	-	-	8	-	-	-	-	-	190



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		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works							Farmer Beneficiaries (No)	Jobs Generated (No)
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)		
REGION 4A	32,000	-	-	-	-	13	-	-	-	-	-	239
REGION 6	20,000	-	-	-	-	105	-	-	-	-	-	221
Negros Island Region	120	-	-	-	-	-	-	-	-	-	-	1
12 <u>Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda</u>	555,425	-	-	-	58.20	28	-	-	-	-	-	3,330
REGION 8	555,425	-	-	-	58.20	28	-	-	-	-	-	3,330
13 <u>Comprehensive Agrarian Reform Program-IC (CARP-IC)</u>	282,040	430	531	-	10.15	123	-	-	-	-	640	1,050
CENTRAL OFFICE	107,040	-	-	-	-	-	-	-	-	-	-	-
REGION 1	11,400	100	52	-	0.53	20	-	-	-	-	100	68
CAR	9,700	3	115	-	0.90	8	-	-	-	-	79	58
REGION 2 (PROPER)	10,200	-	20	-	1.16	4	-	-	-	-	13	61
REGION 3 (PROPER)	15,000	90	62	-	0.88	40	-	-	-	-	102	90
REGION 4A	13,500	55	39	-	0.84	4	-	-	-	-	62	81
REGION 4B	10,500	10	50	-	0.63	5	-	-	-	-	40	63
REGION 5	9,500	-	-	-	0.38	3	-	-	-	-	-	57
REGION 6	13,500	-	-	-	0.74	5	-	-	-	-	-	81
Negros Island Region	7,500	42	-	-	0.36	5	-	-	-	-	28	45
REGION 7	12,500	80	-	-	0.65	9	-	-	-	-	53	75
REGION 8	13,500	-	79	-	1.13	6	-	-	-	-	53	81
REGION 9	14,500	-	-	-	-	2	-	-	-	-	-	88
REGION 10	9,500	10	-	-	0.93	3	-	-	-	-	7	57
REGION 11	8,300	40	-	-	0.36	3	-	-	-	-	27	50
REGION 12	7,500	-	30	-	0.12	2	-	-	-	-	20	45
REGION 13	8,400	-	84	-	0.54	4	-	-	-	-	56	50
14 <u>Cagaycay RIS, Camarines Sur</u>	80,000	-	90	-	10.58	31	-	-	-	-	70	480
REGION 5	80,000	-	90	-	10.58	31	-	-	-	-	70	480
15 <u>Daet-Talisay RIS, Camarines Norte</u>	100,000	-	80	-	7.23	10	-	-	-	-	50	610
REGION 5	100,000	-	80	-	7.23	10	-	-	-	-	50	610
16 <u>Rinconada Integrated Irrigation System, Camarines Sur</u>	150,000	-	134	-	32.88	7	-	-	-	-	80	890
REGION 5	150,000	-	134	-	32.88	7	-	-	-	-	80	890
17 <u>Aklan RIS, Aklan</u>	200,000	-	-	-	-	-	-	-	-	-	-	1,200
REGION 6	200,000	-	-	-	-	-	-	-	-	-	-	1,200
18 <u>Lasang RIS Improvement Project, Davao Del Norte</u>	100,000	-	-	-	11.50	-	-	-	-	-	-	600
REGION 11	100,000	-	-	-	11.50	-	-	-	-	-	-	600



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		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works							Farmer Beneficiaries (No)	Jobs Generated (No)
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)		
19 <u>Resto/Rehab/Repair of Existing National IS-RRENIS</u>	4,861,769	-	3,613	209.15	440.42	550	-	-	-	-	2,400	
REGION 1	408,003	-	598	46.54	58.76	155	-	-	-	-	400	2,447
CAR	119,915	-	50	-	18.42	13	-	-	-	-	33	719
REGION 2 (PROPER)	260,057	-	450	-	8.44	34	-	-	-	-	297	1,259
REGION 2 (MARIIS)	382,560	-	-	1.00	36.60	29	-	-	-	-	-	2,292
REGION 3 (PROPER)	1,023,100	-	200	26.20	50.51	18	-	-	-	-	134	6,139
REGION 3 (UPRIIS)	495,095	-	-	95.82	41.63	23	-	-	-	-	-	2,970
REGION 4A	161,886	-	-	-	11.37	-	-	-	-	-	-	971
REGION 4B	147,958	-	116	-	16.79	17	-	-	-	-	77	888
REGION 5	73,561	-	231	-	13.44	23	-	-	-	-	154	442
REGION 6	242,043	-	248	8.00	42.14	23	-	-	-	-	165	1,453
Negros Island Region	38,286	-	78	-	5.00	-	-	-	-	-	52	230
REGION 7	66,486	-	60	-	23.99	15	-	-	-	-	40	399
REGION 8	68,244	-	15	-	7.60	18	-	-	-	-	10	410
REGION 9	130,147	-	-	-	11.00	35	-	-	-	-	-	781
REGION 10	222,388	-	456	-	36.80	40	-	-	-	-	303	1,335
REGION 11	353,128	-	-	5.00	33.31	91	-	-	-	-	-	2,120
REGION 12	204,142	-	40	24.39	22.14	6	-	-	-	-	27	1,225
REGION 13	464,770	-	1,071	2.20	2.50	10	-	-	-	-	708	2,780
20 <u>Resto/Rehab/Repair of Existing Communal IS-RRECIS</u>	4,463,686	-	7,980	37.04	532.62	1,249	65.18	-	-	-	5,310	
REGION 1	369,441	-	673	3.32	42.71	144	-	-	-	-	448	2,218
CAR	192,007	-	376	-	48.82	195	61.08	-	-	-	248	1,152
REGION 2 (PROPER)	257,518	-	255	2.01	23.97	43	-	-	-	-	170	1,545
REGION 3 (PROPER)	372,505	-	810	5.00	21.87	22	-	-	-	-	539	2,235
REGION 4A	193,465	-	152	-	25.31	12	-	-	-	-	102	1,161
REGION 4B	369,571	-	626	-	35.04	61	1.40	-	-	-	417	2,217
REGION 5	368,000	-	404	1.50	46.80	94	0.20	-	-	-	268	2,211
REGION 6	221,305	-	218	-	29.82	46	-	-	-	-	145	1,326
Negros Island Region	100,552	-	104	1.45	15.40	45	-	-	-	-	69	603
REGION 7	159,000	-	311	16.70	17.44	93	-	-	-	-	206	956
REGION 8	229,349	-	390	-	17.25	79	-	-	-	-	260	1,375
REGION 9	341,549	-	503	-	43.38	150	2.50	-	-	-	338	2,049
REGION 10	390,914	-	1,147	0.30	81.65	104	-	-	-	-	764	2,344



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					Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)		
	REGION 11	243,100	-	580	1.24	25.07	79	-	-	-	-	380	1,458
	REGION 12	356,980	-	426	5.13	43.05	24	-	-	-	-	285	2,141
	REGION 13	298,430	-	1,005	0.40	15.03	58	-	-	-	-	671	1,789
21	Coconet Slope Protection in National Irrigation Systems	222,049	-	-	-	-	-	-	344,906	-	-	-	1,330
	REGION 1	11,000	-	-	-	-	-	-	22,000	-	-	-	66
	CAR	45,000	-	-	-	-	-	-	90,000	-	-	-	270
	REGION 2 (PROPER)	22,110	-	-	-	-	-	-	37,627	-	-	-	133
	REGION 2 (MARIIS)	33,402	-	-	-	-	-	-	46,216	-	-	-	200
	REGION 3 (PROPER)	9,000	-	-	-	-	-	-	14,000	-	-	-	54
	REGION 4A	14,710	-	-	-	-	-	-	29,420	-	-	-	88
	REGION 5	15,405	-	-	-	-	-	-	26,990	-	-	-	92
	REGION 6	5,000	-	-	-	-	-	-	10,000	-	-	-	30
	REGION 8	8,194	-	-	-	-	-	-	8,390	-	-	-	49
	REGION 9	4,798	-	-	-	-	-	-	9,600	-	-	-	28
	REGION 11	42,430	-	-	-	-	-	-	47,914	-	-	-	254
	REGION 12	11,000	-	-	-	-	-	-	2,749	-	-	-	66
22	Improvement of Service Roads in National Irrigation Systems	112,884	-	-	-	-	-	-	-	18.71	66.81	-	670
	REGION 1	6,375	-	-	-	-	-	-	-	1.67	1.61	-	38
	CAR	6,000	-	-	-	-	-	-	-	0.30	6.80	-	36
	REGION 2 (PROPER)	6,500	-	-	-	-	-	-	-	-	10.68	-	39
	REGION 2 (MARIIS)	6,680	-	-	-	-	-	-	-	0.33	13.92	-	40
	REGION 3 (PROPER)	6,579	-	-	-	-	-	-	-	-	4.00	-	40
	REGION 3 (UPRIIS)	6,950	-	-	-	-	-	-	-	1.07	-	-	40
	REGION 4A	6,000	-	-	-	-	-	-	-	3.00	-	-	36
	REGION 4B	6,000	-	-	-	-	-	-	-	0.70	-	-	32
	REGION 5	6,180	-	-	-	-	-	-	-	0.78	-	-	35
	REGION 6	6,270	-	-	-	-	-	-	-	3.01	-	-	38
	Negros Island Region	6,000	-	-	-	-	-	-	-	-	5.21	-	36
	REGION 7	6,000	-	-	-	-	-	-	-	-	7.00	-	36
	REGION 8	6,190	-	-	-	-	-	-	-	-	4.44	-	37
	REGION 9	6,000	-	-	-	-	-	-	-	5.92	2.00	-	36
	REGION 10	6,200	-	-	-	-	-	-	-	-	6.20	-	37
	REGION 11	6,300	-	-	-	-	-	-	-	0.71	-	-	38



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		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works									
				Earth Canal (Km)	Concrete Lined Cana (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)			
REGION 12	6,460	-	-	-	-	-	-	-	-	4.95	-	38	
REGION 13	6,200	-	-	-	-	-	-	-	1.23	-	-	38	
TOTAL OPERATIONS	14,799,700	10,303	13,026	247.07		3,447	66.18	344,906	18.71	66.81			
TOTAL PROGRAMS	25,651,737	10,303	13,026	247.07		3,447	66.18	344,906	18.71	66.81			
PROJECTS													
LOCALLY-FUNDED PROJECTS													
1 Barbar Small Reservoir Irrigation Project, Ilocos Sur	120,000	-	-	-	-	-	-	-	-	-	-	720	
REGION 1	120,000	-	-	-	-	-	-	-	-	-	-	720	
2 Sulvec Small Reservoir Irrigation Project, Ilocos Norte	190,000	-	-	-	-	-	-	-	-	-	-	1,140	
REGION 1	190,000	-	-	-	-	-	-	-	-	-	-	1,140	
3 Alfonso Lista Pump Irrigation Project, Ifugao	50,000	-	-	-	-	-	-	-	-	-	-	300	
CAR	50,000	-	-	-	-	-	-	-	-	-	-	300	
4 Marimay Small Reservoir Irrigation Project, Apayao	67,000	-	-	-	-	-	-	-	-	-	-	400	
CAR	67,000	-	-	-	-	-	-	-	-	-	-	400	
5 Chico River Pump Irrigation Project, Cagayan	50,000	-	-	-	-	-	-	-	-	-	-	300	
REGION 2 (PROPER)	50,000	-	-	-	-	-	-	-	-	-	-	300	
6 Dibuluan River Irrigation Project, Isabela	75,000	-	-	-	-	-	-	-	-	-	-	450	
REGION 2 (PROPER)	75,000	-	-	-	-	-	-	-	-	-	-	450	
7 Nassiping PIP, Cagayan	244,703	-	-	-	-	-	-	-	-	-	-	1,470	
REGION 2 (PROPER)	244,703	-	-	-	-	-	-	-	-	-	-	1,470	
8 Balog-Balog Multipurpose Project-Phase II, Tarlac	812,944	-	-	-	-	-	-	-	-	-	-	4,890	
REGION 3 (PROPER)	812,944	-	-	-	-	-	-	-	-	-	-	4,890	
9 Bulo Small Reservoir Irrigation Project, Bulacan	360,000	-	-	-	-	-	-	-	-	-	-	2,160	
REGION 3 (PROPER)	360,000	-	-	-	-	-	-	-	-	-	-	2,160	
10 Casecnan Multipurpose Irrigation and Power Project, Phase II, Nueva Ecija	300,000	-	-	-	-	-	-	-	-	-	-	1,800	
REGION 3 (PROPER)	300,000	-	-	-	-	-	-	-	-	-	-	1,800	
11 Balbalungao Small Reservoir Irrigation Project, Nueva Ecija	20,000	-	-	-	-	-	-	-	-	-	-	120	
REGION 3 (UPRIIS)	20,000	-	-	-	-	-	-	-	-	-	-	120	
12 Marikit Irrigation Project, Nueva Ecija	50,000	-	-	-	-	-	-	-	-	-	-	300	
REGION 3 (UPRIIS)	50,000	-	-	-	-	-	-	-	-	-	-	300	
13 Upper Tabuating Small Reservoir Irrigation Project, Nueva Ecija	170,544	400	-	-	-	-	-	-	-	-	270	1,020	
REGION 3 (UPRIIS)	170,544	400	-	-	-	-	-	-	-	-	270	1,020	



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Annex A

PARTICULARS	Allocation (P'000)	TARGETS										Farmer Beneficiaries (No)	Jobs Generated (No)
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works						Gravel Roads (Km)			
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)				
14 Macalelon Small Reservoir Irrigation Project, Quezon	144,900	-	-	-	-	-	-	-	-	-	-	-	870
REGION 4A	144,900	-	-	-	-	-	-	-	-	-	-	-	870
15 Quipot River Irrigation Project, Quezon	69,650	1,006	-	-	-	-	-	-	-	-	-	670	420
REGION 4A	69,650	1,006	-	-	-	-	-	-	-	-	-	670	420
16 Bagtingon Small Reservoir Irrigation Project, Marinduque	3,000	-	-	-	-	-	-	-	-	-	-	-	20
REGION 4B	3,000	-	-	-	-	-	-	-	-	-	-	-	20
17 Bongabong River Irrigation Project, Oriental Mindoro	28,934	-	-	-	-	-	-	-	-	-	-	-	170
REGION 4B	28,934	-	-	-	-	-	-	-	-	-	-	-	170
18 Ibingan Small Reservoir Irrigation Project, Sorsogon	260,000	-	-	-	-	-	-	-	-	-	-	-	1,560
REGION 5	260,000	-	-	-	-	-	-	-	-	-	-	-	1,560
19 Sibagat Small Reservoir Irrigation Project, Camarines Sur	3,000	-	-	-	-	-	-	-	-	-	-	-	20
REGION 5	3,000	-	-	-	-	-	-	-	-	-	-	-	20
20 Barotac Viejo Small Reservoir Irrigation Project, Iloilo	66,385	-	-	-	-	-	-	-	-	-	-	-	400
REGION 6	66,385	-	-	-	-	-	-	-	-	-	-	-	400
21 Hilabangan Irrigation Project, Negros Occidental	150,000	600	-	-	-	-	-	-	-	-	-	400	900
Negros Island Region	150,000	600	-	-	-	-	-	-	-	-	-	400	900
22 Malogo Irrigation Project, Negros Occidental	100,000	-	-	-	-	-	-	-	-	-	-	-	600
Negros Island Region	100,000	-	-	-	-	-	-	-	-	-	-	-	600
23 Amlan Irrigation Project, Negros Oriental	113,000	100	-	-	-	-	-	-	-	-	-	70	680
Negros Island Region	113,000	100	-	-	-	-	-	-	-	-	-	70	680
24 Sta. Agueda-Datagon Irrigation Project, Negros Oriental	100,000	300	-	-	-	-	-	-	-	-	-	200	600
Negros Island Region	100,000	300	-	-	-	-	-	-	-	-	-	200	600
25 Benliw Small Reservoir Irrigation Project, Bohol	260,000	-	-	-	-	-	-	-	-	-	-	-	1,560
REGION 7	260,000	-	-	-	-	-	-	-	-	-	-	-	1,560
26 Bonot-Bonot Small Reservoir Irrigation Project, Bohol	160,000	-	-	-	-	-	-	-	-	-	-	-	960
REGION 7	160,000	-	-	-	-	-	-	-	-	-	-	-	960
27 Mabini-Cayacay Small Reservoir Irrigation Project, Bohol	280,000	-	-	-	-	-	-	-	-	-	-	-	1,680
REGION 7	280,000	-	-	-	-	-	-	-	-	-	-	-	1,680
28 Malinao Dam Improvement Project, Bohol	100,000	-	-	-	-	-	-	-	-	-	-	-	600
REGION 7	100,000	-	-	-	-	-	-	-	-	-	-	-	600
29 Bantayan Irrigation Project, Samar (Northern)	50,000	-	-	-	-	-	-	-	-	-	-	-	300
REGION 8	50,000	-	-	-	-	-	-	-	-	-	-	-	300



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PARTICULARS	Allocation (P'000)	T A R G E T S										Farmer Beneficiaries (No)	Jobs Generated (No)
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works									
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)			
30 Bugko Irrigation Project, Samar (Northern)	43,950	-	-	-	-	-	-	-	-	-	-	-	260
REGION 8	43,950	-	-	-	-	-	-	-	-	-	-	-	260
31 Bulao Irrigation Project (Formerly HCAAP), Samar (Northern)	3,537	-	-	-	-	-	-	-	-	-	-	-	20
REGION 8	3,537	-	-	-	-	-	-	-	-	-	-	-	20
32 Calbiga Irrigation Project, Samar (Western)	100,000	50	-	-	-	-	-	-	-	-	30	600	
REGION 8	100,000	50	-	-	-	-	-	-	-	-	30	600	
33 Catarman-Bobon Irrigation Project, Samar (Northern)	105,000	-	-	-	-	-	-	-	-	-	-	630	
REGION 8	105,000	-	-	-	-	-	-	-	-	-	-	630	
34 Gandara Irrigation Project (Concepcion-Nacube Area), Samar (Western)	66,000	-	-	-	-	-	-	-	-	-	-	400	
REGION 8	66,000	-	-	-	-	-	-	-	-	-	-	400	
35 Gandara Irrigation Project (Pologon Area), Samar (Western)	70,000	-	-	-	-	-	-	-	-	-	-	420	
REGION 8	70,000	-	-	-	-	-	-	-	-	-	-	420	
36 Hagbay Irrigation Project (Formerly HCAAP), Samar (Northern)	1,875	-	-	-	-	-	-	-	-	-	-	10	
REGION 8	1,875	-	-	-	-	-	-	-	-	-	-	10	
37 Hibulangan Small Reservoir Irrigation Project, Leyte (Northern)	95,000	-	-	-	-	-	-	-	-	-	-	570	
REGION 8	95,000	-	-	-	-	-	-	-	-	-	-	570	
38 Pinipisakan Irrigation Project (Formerly HCAAP), Samar (Northern)	105,000	50	-	-	-	-	-	-	-	-	30	630	
REGION 8	105,000	50	-	-	-	-	-	-	-	-	30	630	
39 Sta. Rita Small Reservoir Irrigation Project, Samar (Western)	37,523	-	-	-	-	-	-	-	-	-	-	230	
REGION 8	37,523	-	-	-	-	-	-	-	-	-	-	230	
40 Lison Valley Irrigation Project, Zamboanga Del Sur	22,000	50	-	-	-	-	-	-	-	-	30	130	
REGION 9	22,000	50	-	-	-	-	-	-	-	-	30	130	
41 Ditsaan-Ramain River IP, Lanao del Sur	8,403	35	-	-	-	-	-	-	-	-	20	50	
REGION 10	8,403	35	-	-	-	-	-	-	-	-	20	50	
42 Upper Saug River Irrigation Project, Davao Del Norte	200,000	-	-	-	-	-	-	-	-	-	-	1,200	
REGION 11	200,000	-	-	-	-	-	-	-	-	-	-	1,200	
43 Malitubog-Maridagao Irrigation Project Phase II, North Cotabato	600,000	700	-	-	-	-	-	-	-	-	470	3,600	
REGION 12	600,000	700	-	-	-	-	-	-	-	-	470	3,600	
44 Sapalan River Irrigation Project, Maguindanao	50,000	-	-	-	-	-	-	-	-	-	-	300	
REGION 12	50,000	-	-	-	-	-	-	-	-	-	-	300	
45 Bislig City Integrated Development Project-IC, Surigao Del Sur	42,520	-	-	-	-	-	-	-	-	-	-	260	
REGION 13	42,520	-	-	-	-	-	-	-	-	-	-	260	



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PARTICULARS	Allocation (P'000)	T A R G E T S										Farmer Beneficiaries (No)	Jobs Generated (No)
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works									
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)			
46 Mat-I Ambacon Pinanaan Irrigation Project (MAP IP), Agusan Del Norte	25,000	-	-	-	-	-	-	-	-	-	-	-	150
REGION 13	25,000	-	-	-	-	-	-	-	-	-	-	-	150
47 Umayam River Irrigation Project, Agusan Del Sur	146,792	-	-	-	-	-	-	-	-	-	-	-	880
REGION 13	146,792	-	-	-	-	-	-	-	-	-	-	-	880
48 Small Irrigation Projects (SIP)	2,559,963	6,947	-	-	-	-	-	-	-	-	4,630		
REGION 1	157,986	638	-	-	-	-	-	-	-	-	425	948	
CAR	160,946	404	-	-	-	-	-	-	-	-	271	966	
REGION 2 (PROPER)	141,403	165	-	-	-	-	-	-	-	-	110	847	
REGION 3 (PROPER)	278,326	770	-	-	-	-	-	-	-	-	516	1,670	
REGION 4A	156,450	426	-	-	-	-	-	-	-	-	283	938	
REGION 4B	154,732	661	-	-	-	-	-	-	-	-	442	928	
REGION 5	207,588	693	-	-	-	-	-	-	-	-	461	1,246	
REGION 6	81,370	253	-	-	-	-	-	-	-	-	168	488	
Negros Island Region	83,454	344	-	-	-	-	-	-	-	-	229	501	
REGION 7	41,894	111	-	-	-	-	-	-	-	-	74	252	
REGION 8	124,758	66	-	-	-	-	-	-	-	-	44	749	
REGION 9	225,602	329	-	-	-	-	-	-	-	-	216	1,353	
REGION 10	142,769	410	-	-	-	-	-	-	-	-	272	857	
REGION 11	102,932	433	-	-	-	-	-	-	-	-	287	618	
REGION 12	284,000	724	-	-	-	-	-	-	-	-	484	1,705	
REGION 13	215,753	520	-	-	-	-	-	-	-	-	348	1,294	
49 Establishment of Groundwater Pump IP (EGPIP)	296,891	2,025	82	-	-	-	-	-	-	-	1,400	1,780	
REGION 1	65,402	833	82	-	-	-	-	-	-	-	600	399	
CAR	12,690	105	-	-	-	-	-	-	-	-	70	70	
REGION 2 (PROPER)	8,369	71	-	-	-	-	-	-	-	-	48	50	
REGION 3 (PROPER)	118,000	467	-	-	-	-	-	-	-	-	315	708	
REGION 4A	16,000	155	-	-	-	-	-	-	-	-	104	97	
REGION 4B	1,700	26	-	-	-	-	-	-	-	-	17	10	
REGION 5	20,000	80	-	-	-	-	-	-	-	-	53	121	
REGION 6	6,450	103	-	-	-	-	-	-	-	-	69	35	
REGION 7	39,000	132	-	-	-	-	-	-	-	-	88	234	
REGION 9	8,000	33	-	-	-	-	-	-	-	-	22	48	
REGION 12	1,280	20	-	-	-	-	-	-	-	-	14	8	



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Annex A

PARTICULARS	Allocation (P'000)	T A R G E T S										Farmer Beneficiaries (No)	Jobs Generated (No)
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works						Gravel Roads (Km)			
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)				
50 <u>Balikatan Sagip Patubig Program (BSPP)</u>	193,000	549	71	-	8.24	2	-	-	-	-	410	1,160	
CAR	140,000	544	29	-	5.50	2	-	-	-	-	379	842	
REGION 2 (PROPER)	53,000	5	42	-	2.75	-	-	-	-	-	31	318	
51 <u>Feasibility Study, Detailed Eng'g. & Pre-Eng'g. Activities (FSDE)</u>	383,061	-	-	-	-	-	-	-	-	-	-	-	
REGION 1	25,000	-	-	-	-	-	-	-	-	-	-	-	
CAR	10,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 2 (PROPER)	30,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 3 (PROPER)	21,216	-	-	-	-	-	-	-	-	-	-	-	
REGION 3 (UPRIIS)	20,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 4A	8,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 4B	4,138	-	-	-	-	-	-	-	-	-	-	-	
REGION 5	40,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 6	43,028	-	-	-	-	-	-	-	-	-	-	-	
Negros Island Region	10,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 7	45,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 8	6,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 9	5,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 10	48,407	-	-	-	-	-	-	-	-	-	-	-	
REGION 11	27,272	-	-	-	-	-	-	-	-	-	-	-	
REGION 12	20,000	-	-	-	-	-	-	-	-	-	-	-	
REGION 13	20,000	-	-	-	-	-	-	-	-	-	-	-	
TOTAL LOCALLY-FUNDED PROJECTS	9,554,575	12,812	153	-	8.24	2	-	-	-	-	8,630		
FOREIGN-ASSISTED PROJECTS													
1 <u>Jalaur River Multipurpose Project - Stage II</u>	2,480,500	-	-	-	-	-	-	-	-	-	-	2,000	
REGION 6	2,480,500	-	-	-	-	-	-	-	-	-	-	2,000	
2 <u>National Irrigation Sector Rehabilitation and Improvement Project (NISRIIP)</u>	372,304	-	-	-	-	-	-	-	-	-	-	1,400	
CENTRAL OFFICE	139,617	-	-	-	-	-	-	-	-	-	-	-	
REGION 1	45,449	-	-	-	-	-	-	-	-	-	-	273	
REGION 3 (PROPER)	35,762	-	-	-	-	-	-	-	-	-	-	215	
REGION 4A	20,029	-	-	-	-	-	-	-	-	-	-	120	
REGION 4B	38,904	-	-	-	-	-	-	-	-	-	-	233	
REGION 6	26,225	-	-	-	-	-	-	-	-	-	-	160	
REGION 10	1,023	-	-	-	-	-	-	-	-	-	-	6	



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		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works									
				Earth Canal (Km)	Concrete Lined Cana (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sq.m.)	Concrete Roads (Km)	Gravel Roads (Km)			
REGION 11	2,138	-	-	-	-	-	-	-	-	-	-	-	12
REGION 12	25,734	-	-	-	-	-	-	-	-	-	-	-	155
REGION 13	37,423	-	-	-	-	-	-	-	-	-	-	-	226
3 <u>Participatory Irrigation Development Project, Phase I (PIDP)</u>	317,325	-	328	2.00	20.87	12	-	-	-	-	220	1,200	
CENTRAL OFFICE	115,785	-	-	-	-	-	-	-	-	-	-	-	-
REGION 3 (PROPER)	39,848	-	200	-	-	3	-	-	-	-	130	240	
REGION 4B	32,112	-	128	-	2.87	-	-	-	-	-	90	190	
REGION 8	129,580	-	-	2.00	18.00	9	-	-	-	-	-	770	
TOTAL FOREIGN-ASSISTED PROJECTS	3,170,129	-	328	2.00	20.87	12	-	-	-	-	220	4,600	
TOTAL PROJECTS	12,724,704	12,812	481	2.00	29.11	14	-	-	-	-	8,850		
GRAND TOTAL	38,376,441	23,115	13,507	249	1133	3,461	66	344,906	19	67		145,462	

Prepared:

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ROGELIA C. DELA TORRE
Acting Manager, CORPLAN Services

Approved:

Peter Tiou Laviña
PETER TIU LAVIÑA
Administrator



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

PHYSICAL STATUS OF IRRIGATION PROJECTS
 CY 2017 IRRIGATION PROGRAM
 As of December 31, 2017

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017		
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013			
I. CY 2017 PROGRAM															
A. PROGRAMS															
A3. OPERATIONS															
1. Agno RIS Extension Project Pangasinan, Region 1	New 12,351 Resto 1,869 Earth Canals (Km) Canal Lining (km) Structures (unit) Concrete Rd (km) Coconet (sq.m.) Gravel Rd (km)	6,167	2,008 218				8,175 218 - 34.00 - - -	- - 17.56 6.82 31 5.54 7 3.53					- - 17.56 20.32 36 5.54 7 3.53	325 - 17.56 20.32 36 5.54 7 3.53	54.90
2. Lower Sibuguey I RIS Ext'n. Project Zamboanga Sibugay, Region 9	New 1,400 Resto Structures (unit) 15	60	180 15				240 15	- - 6	68				68 6	1,288 6	27.75
3. Lower Sibuguey II RIS Ext'n. Project Zamboanga Sibugay, Region 9	New 1,550 Resto Structures (unit) 40	100	552 40		9		661 40	- - 15	209		9		218 15	1,147 15	38.14
4. Upper Sibuguey RIS Ext'n. Project Zamboanga Sibugay, Region 9	New 720 Resto Structures (unit) 15	90	 14				90 14	- - 10					- 10	704 11	66.26
5. Extension/Expansion of Existing NIS Nationwide	New Resto Earth Canals (Km) Canal Lining (km) Structures (Unit)	Annual Program 877					877 - - - -	452 - 4.65 13.84 35					452 - 4.65 13.84 35	452 - 4.65 13.84 35	65.59
6. Extension/Expansion of Existing CIS Nationwide	New Resto Earth Canals (Km) Canal Lining (km) HDPE (km) Structures (Unit)	Annual Program 2,579 243					2,579 243 - - - -	1,802 142 1.78 68.29 29.31 228					1,802 142 1.78 68.29 29.31 228	1,802 142 1.78 68.29 29.31 228	68.95
7. Operation and Maintenance of NIS PIS Nationwide		Annual Program													22.18
8. Repair of Groundwater Pump IS Nationwide	New Resto Earth Canals (Km) Canal Lining (km) Canal Structures (Unit) HDPE (km)	Annual Program 355 0.88 0.40 20 1.00					- 355 0.88 0.40 20 1.00	338 1.59 0.65 22 3.00					- 338 1.59 0.65 22 3.00	- 338 1.59 0.65 22 3.00	63.52
9. Irrig. Mgt. Transfer Support Services		Annual Program													55.11
10. Climate Change Adaptation Works (NIS)	Canal Structures (Unit) Earth Canals (Km) Canal Lining (km) Concrete Rd (km)	Annual Program 1,293					1,293 - - -	728 8.00 0.86 0.83					728 8.00 0.86 0.83	728 8.00 0.86 0.83	69.78

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017		
				CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013			
11. Climate Change Adaptation Works (CIS)	Canal Structures (Unit)	Annual Program	136					136	113					113	113	76.04
	Earth Canals (Km)							-	3.00					3.00	3.00	
	Canal Lining (km)							-	4.97					4.97	4.97	
12. Upgrading/Rehabilitation of NIS damaged by Typhoon Y	New	Annual Program						-						-	-	63.58
	Resto			260				260						-	-	
	Earth Canals (Km)							-						-	-	
	Canal Lining (km)		58.20	13.70				71.90	70.75					70.75	70.75	
	Canal Structures (Unit)		28	9				37	9					9	9	
	Gravel Rd (km)			2.67				2.67	7.78					7.78	7.78	
13. Comprehensive Agrarian Reform Program	New	Annual Program	430					430	281					281	281	46.51
	Resto		531					531	303					303	303	
	Earth Canals (Km)							-	0.68					0.68	0.68	
	Canal Lining (km)		10.15					10.15	30.83					30.83	30.83	
	Canal Structures (Unit)		123					123	40					40	40	
14. Cagaycay RIS, Camarines Sur	New															57.03
Camarines Sur, Region 5	Resto	180	90	90				180		90				90	90	
	Earth Canals (Km)														-	
	Canal Lining (km)		10.58	9.60				20.18		8.39				8.39	8.39	
	Canal Structures (Unit)		31	4				35		1				1	1	
15. Daet-Talisay RIS	New															70.00
Camarines Sur, Region 5	Resto	516	80	54				134	32	54				86	140	
	Earth Canals (Km)															
	Canal Lining (km)		7.23	0.09				7	8	4.71				12	17.33	
	Canal Structures (Unit)		10	2				12		5				5	5	
16. Rinconada Integrated IS, Camarines Sur	New															62.58
Camarines Sur, Region 5	Resto	1,200	134	155				289	40	145				185	212	
	Earth Canals (Km)															
	Canal Lining (km)		32.88	3.07				36	8	39.71				47	61.54	
	Canal Structures (Unit)		7					7		52				52	52	
17. Aklan RIS	New															10.45
Aklan, Region 6	Resto															
18. Lasang RIS Improvement Project	New															34.68
Davao del Norte, Region 11	Resto	643														
	Rehab															
	Earth Canals (Km)															
	Canal Lining (km)		11.50					11.50	4.10					4.10	4.10	
	Canal Structures (Unit)			1				1						-	-	
19. Resto/Rehab/Repair of NIS	New	Annual Program						-	313					313	313	68.49
Nationwide	Resto		3,613					3,613	2,670					2,670	2,670	
	Earth Canals (Km)		209					209.15	182.25					182.25	182.25	
	Canal Lining (km)		440					440.42	288.86					288.86	288.86	
	Canal Structures (Unit)		550					550	315					315	315	
	Concrete Rd (km)							-	1.00					1	1	
	Gravel Roads (km)							-	2.69					2.69	2.69	
20. Resto/Rehab/Repair of CIS	New	Annual Program						-	171					171	171	70.57
Nationwide	Resto		7,980					7,980	5,897					5,897	5,897	
	Earth Canals (Km)		37.04					37.04	38.21					38.21	38.21	
	Canal Lining (km)		532.62					532.62	418.05					418.05	418.05	
	Canal Structures (Unit)		1,249					1,249	1,127					1,127	1,127	
	HDPE (km)		65					65.18	62.34					62.34	62.34	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017		
				CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013			
21. Coconet Slope Protection in NIS Nationwide	Coconet (sq.m.)	Annual	344,906					344,906	290,232				290,232	290,232	80.38	
	Canal Lining (km)	Program						-	0.36				0.36	0.36		
22. Improvement of Service Roads in NIS Nationwide	Concrete Rd (km)	Annual	18.71					18.71	13.09				13.09	13.09	86.53	
	Gravel Roads (km)	Program	66.81					66.81	51.45				51.45	51.45		
	Canal Lining (km)							-	0.48				0.48	0.48		
	Canal Structures (Unit)							-	2				2	2		
SUB-TOTAL PROGRAMS	New	16,021	10,303	2,740	-	9	-	13,052	3,019	277		9	3,305	4,681		
	Resto	4,408	13,026	777	-	-	-	13,803	9,422	289			9,711	9,792		
	Earth Canals (Km)		247.07	-	-	-	-	247.07	257.71				257.71	257.71		
	Canal Lining (km)		1,103.98	60.46	-	-	-	1,164.44	923.86	66.31			990.17	1,001.22		
	Canal Structures (Unit)	70	3,447	85	-	-	-	3,532	2,650	94			2,744	2,745		
	HDPE (km)		66.18	-	-	-	-	66.18	94.65				94.65	94.65		
	Coconet (sq.m.)		344,906	-	-	-	-	344,906	290,232	7			290,239	290,239		
	Concrete Rd (km)		18.71	-	-	-	-	18.71	20.45				20.45	20.45		
	Gravel Rd (km)		66.81	2.67	-	-	-	69.48	61.92	3.53			65.45	65.45		
B. PROJECTS																
B1. Locally Funded Projects																
1. Barbar SRIP Ilocos Sur, Region 1	New	1,000						-					-	165	48.49	
2. Sulvec SRIP Ilocos Norte, Region 1	New	500						-					-	200	30.36	
3. Alfonso Lista Pump IP Ifugao, CAR	New	1,500						-					-	-	21.27	
4. Marimay SRIP Apayao, CAR	New	1,000					95	95					-	65	45.33	
5. Chico River Pump Irrigation Project Cagayan, Region 2	New	8,700													2.10	
6. Dibuluan Irrigation Project Isabela, Region 2	New	2,080				1,080		1,080					-	500	64.04	
7. Nassiping PIP Ph. 1 Cagayan, Region 2	New	1,028						-					-	-	26.56	
8. Balog-Balog MPIP, Phase II Tarlac, Region 3	New	17,890												-	8.57	
	Resto	4,045														
	Canal Lining (km)										52.91	1.27	54.18	54.18		
9. Bulo Small Reservoir Irrigation Project Bulacan, Region 3	New	1,000						-					-	-	27.58	
	Canal Lining (km)												2.34	2.34		
10. Casecnan Multipurpose IP-IC Phase II Nueva Ecija, Region 3	New	20,321		573	359			932					-	20,410	78.61	
11. Balbalungao SRIP Nueva Ecija, Region 3	New	500												-	34.94	
	Canal Lining (km)										1.62		1.62	1.62		
12. Marikit Irrigation Project	New	280												-	50.73	
13. Upper Tabuating Reservoir Irrigation Project Nueva Ecija, Region 3	New	466	400					400						300	74.46	
14. Macalelon SRIP, Quezon Quezon, Region 4A	New	630						-					-	-	7.19	
15. Quipot Irrigation Project Batangas, Quezon, Region 4A	New	2,620	1,006	800		400		2,206					-	-	84.60	
	Resto	180		180				180					-	-		
16. Bagtingon SRIP Marinduque, Region 4B	New	286						-					-	-	4.22	
17. Bongabong River Irrigation Project, Oriental Mindoro, Region 4B	New	5,100						-			262		262	362	35.78	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017		
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013			
18. Ibingan SRIP Sorsogon, Region 5	New 255						-						-	-	22.13
19. Sibagat SRIP Camarines Sur, Region 5	New 262 Canal Lining (km) Canal Structures (Unit)						-	10 47			1.73		- 11.79 47	- 11.79 47	25.87
20. Barotac Viejo SRIP Iloilo, Region 6	New 265 Resto 459						-						-	-	59.43
21. Hilabangan Irrigation Project Iloilo, Region 6	New 1,700 Canal Lining (km) Canal Structures (Unit)	600	60				660		0.47 1				- 0.47 1	- 0.47 1	13.42
22. Malogo Irrigation Project Negros Occidental, NIR (Region 6)	New 4,000														-
23. Amlan Irrigation Project Negros Oriental, NIR (Region 7)	New 500	100					100								1.00
24. Sta. Agueda-Datagon Irrigation Project Negros Oriental, NIR (Region 7)	New 1,000	300					300								-
25. Benliw SRIP Bohol, Region 7	New 500						-						-	-	25.68
26. Bonot-Bonot SRIP Bohol, Region 7	New 600						-						-	-	27.56
27. Mabini-Cayacay SRIP Bohol, Region 7	New 530						-						-	210	32.66
28. Malinao Dam Improvement Project Bohol, Region 7	New 4,740 Resto						-						-	180	14.68
29. Bantayan Irrigation Project Northern Samar, Region 8	New 436 Canal Lining (km) Canal Structures (Unit)		180	30			210	2.17 10	107 3.36 17	30 1.78 12			137 7.31 39	137 7.31 39	57.93
30. Bugko Irrigation Project Northern Samar, Region 8	New 1,010 Canal Lining (km) Canal Structures (Unit)				105		105	0.11	4.62 42				- 4.72 42	875 9.46 77	77.46
31. Bulao Irrigation Project Northern Samar, Region 8	New 742 Earth Canals (Km) Canal Lining (km) Canal Structures (Unit)			200	500		700			48 1.50 0.06 14			48 1.50 0.12 14	48 1.50 0.12 14	28.39
32. Calbiga Irrigation Project Western Samar, Region 8	New 913 Canal Lining (km) Canal Structures (Unit)	50					50	1.55	99 3.26 10	0.35 1			99 5.16 11	99 5.16 11	72.18
33. Catarman-Bobon IP Northern Samar, Region 8	New 1,060 Resto Canal Lining (km) Canal Structures (Unit)						-	2.13	4.31 12				- 6.43 12	560 11.42 49	62.28
34. Gandara IP (Concepcion Nacube Area) Western Samar, Region 8	New Canal Lining (km) Canal Structures (Unit)						-		1.80 8				- 1.80 8	- 1.80 8	6.79
35. Gandara IP (Pologon Area) Western Samar, Region 8	New 150 Earth Canals (Km) Canal Lining (km) Canal Structures (Unit)			110			110	2.08 6		71 3.54 8.63 55			71 3.54 10.70 61	111 3.54 10.70 61	14.70
36. Hagbay Irrigation Project Northern Samar, Region 8	New 708 Canal Lining (km) Canal Structures (Unit)			400			400		0.20 14	0.50			- 0.70 14	44 0.70 14	61.34
37. Hibulangan SRIP Northern Leyte, Region 8	New 1,738 Canal Lining (km) Canal Structures (Unit)						-	0.93 9	6.78 63				- 7.71 72	- 7.71 72	63.38

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)	
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017			
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013				
38. Pinipisakan Irrigation Project Northern Samar, Region 8	New Canal Lining (km) Canal Structures (Unit) Concrete Rd (km) Gravel Roads (km)	1,405	50					50		7.80 92 2.94 3.44	40 9			40 7.80 101 2.94 3.44	120 7.80 101 2.94 3.44	64.84
39. Sta. Rita SRIP Western Samar, Region 8	New Canal Lining (km) Canal Structures (Unit)	911						-		1.56 2				- 1.56 2	- 1.56 2	68.46
40. Lison Valley IP, Pagadian City Zamboanga del Sur, Region 9	New	500	50			370		420		65				65	355	76.89
41. Ditsaan-Ramain River IP Lanao del Sur, Region 10 (ARMM)	New Canal Lining (km) Canal Structures (Unit)	4,000	35	29	10	77	-	151 - -	20 2.56 2	19	10			49 2.56 2	1,513 2.56 2	35.89
42. Upper Saug River Irrigation Project Davao del Norte, Region 11	New	1,070														7.42
43. Malitubog-Maridagao IP Phase II North Cotabato, Region 12	New Earth Canals (Km) Canal Lining (km) Canal Structures (Unit)	9,784	700	1,736	601	10		3,047	51 0.93	323 1.11 4	9.30 8.37 26	5 1.49 3.25 21		379 11.72 12.73 51	4,934 11.72 12.73 51	39.82
44. Sapalan River Irrigation Project Maguindanao, Region 12 (ARMM)	New Canal Lining (km) Canal Structures (Unit)	2,838						-		0.97 1				- 0.97 1	0.97 1	-
45. Bislig City Integrated Dev't Project-IC Surigao del Sur, Region 13	New Canal Lining (km) Canal Structures (Unit)	1,250		405	5	15		425	165 6.86 15	340	140	15	485	1,145 6.86 15	1,545 6.86 15	89.22
46. MAP IP Agusan del Norte, Region 13	New Canal Lining (km) Canal Structures (Unit)	1,200						-	0.50 3	1.40				- 1.90 3	780 1.90 3	41.96
47. Umayam River Irrigation Project Agusan del Sur, Region 13	New	6,729			1,820			1,820		-				-	2,609	60.00
48. Small Irrigation Project (SIP) Nationwide	New Earth Canals (Km) Canal Lining (km) Canal Structures (Unit) HDPE (km)	Annual Program	6,947					6,947	3,050 15.42 96.86 328 48.42					3,050 15.42 96.86 328 48.42	3,050 15.42 96.86 328 48.42	54.55
49. Estab. of Groundwater Pump IP Nationwide	New Resto Canal Lining (km)	Annual Program	2,025 82					2,025 82	2,142 69 1.10					2,142 69 1.10	2,142 69 1.10	87.10
50. Balikatan Sagip Patubig Program (BSPP) Nationwide	New Resto Canal Lining (km) Canal Structures (Unit) HDPE (km)	Annual Program	549 71 8.24 2					549 71 8.24 2	349 47 53.92 83 35.28					349 47 53.92 83 35.28	349 47 53.92 83 35.28	74.07
51. Feasibility Study & Detailed Engineering (FSDE) and Pre-Engineering Activities of Various Projects																31.45
Sub-total Locally Funded Projects	New	110,957	12,812	3,783	3,535	2,557	95	22,782	5,777	953	601	20	485	7,836	41,483	
	Resto	9,424	153	180				333	116					116	296	
	Earth Canals (Km)							-	16.35		14.34	1.49		32.18	32.18	
	Canal Lining (km)		8.24					8.24	180.82	37.68	76.55	6.25		301.31	311.04	
	Canal Structures (Unit)		2					2	503	280	103	21		907	979	
	HDPE (km)							-	83.70					83.70	83.70	
	Concrete Rd (km)							-		2.94				2.94	2.94	
	Gravel Roads (km)							-		3.44				3.44	3.44	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)	
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017			
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013				
B2. Foreign Assisted Projects																
1. Participatory Irrigation Development Project Phase I	New	8,091		1,513	400	116		2,029		-				-	1,430	84.48
	Resto	35,284	328	3,070	605	5,017		9,020		-				-	2,253	
	Earth Canals (Km)	333.00	2.00					2.00			50.71			50.71	50.71	
	Canal Lining (km)	75.00	20.87					20.87	7.33		15.21			22.54	22.54	
	Structures (Unit)	278	12					12	2.00		10			12	12	
2. National Irrigation Sector Reh. & Imp't. Project	New	-								-					18.82	
	Resto	10,000		1,169				1,169		133			133	133		
	Earth Canals (Km)	18						-								
	Canal Lining (km)	78.30		14				13.50		2.57			2.57	2.57		
	Canal Structures (Unit)	177		22				22		8			8	8		
3. Jalaour River Multipurpose Proj. Stage II, Iloilo, Region 6	New	9,500												-	16.23	
	Resto															
	Earth Canals (Km)										60.17	6.28	66.45	66.45		
	Canal Lining (km)										1.50		1.50	1.50		
	Canal Structures (Unit)											9	21	21		
	Coconet (sq.m.)									12			5,845	5,845		
Sub-total Foreign-Assisted Projects	New	17,591	-	1,513	400	116	-	2,029	-	-	-	-	-	-	1,430	
	Resto	45,284	328	4,239	605	5,017	-	10,189	-	133	-	-	-	133	2,506	
	Earth Canals (Km)	333	2	-	-	-	-	2.00	-	-	110.88	6.28	-	117.16	117.16	
	Canal Lining (km)	153.30	20.87	13.50	-	-	-	34.37	7.33	2.57	15.21	1.50	-	26.61	26.61	
	Canal Structures (Unit)	455	12	22	-	-	-	34	2	20	10	9	-	41	41	
	Coconet (sq.m.)								-	5,845	-	-	-	5,845	5,845	
SUB-TOTAL PROJECTS	New	128,548	12,812	5,296	3,935	2,673	95	24,811	5,777	953	601	20	485	7,836	42,913	
	Resto	54,708	481	4,419	605	5,017	-	10,522	116	133	-	-	-	249	2,802	
	Earth Canals (Km)	333.00	2.00	-	-	-	-	2.00	16.35	-	125.22	7.77	-	149.34	149.34	
	Canal Lining (km)	153.30	29.11	13.50	-	-	-	42.61	188.15	40.25	91.76	7.75	-	327.92	337.65	
	Canal Structures (Unit)	455	14	22	-	-	-	36	505	300	113	30	-	948	1,020	
	HDPE (km)	-	-	-	-	-	-	-	84	-	-	-	-	84	84	
	Coconet (sq.m.)	-	-	-	-	-	-	-	-	5,845	-	-	-	5,845	5,845	
	Concrete Rd (km)	-	-	-	-	-	-	-	-	2.94	-	-	-	2.94	2.94	
	Gravel Rd (km)	-	-	-	-	-	-	-	-	3.44	-	-	-	3.44	3.44	
TOTAL FOR CY 2017 IRRIGATION PROGRAM	New	144,569	23,115	8,036	3,935	2,682	95	37,863	8,796	1,230	601	29	485	11,141	47,594	
	Resto	59,116	13,507	5,196	605	5,017	-	24,325	9,538	422	-	-	-	9,960	12,594	
	Earth Canals (Km)	333.00	249.07	-	-	-	-	249.07	274.07	-	125.22	7.77	-	407.06	407.06	
	Canal Lining (km)	153.30	1,133.09	73.96	-	-	-	1,207.05	1,112.01	106.56	91.76	7.75	-	1,318.08	1,338.86	
	Structures (Unit)	525	3,461	107	-	-	-	3,568	3,155	394	113	30	-	3,692	3,765	
	HDPE (km)	-	66.18	-	-	-	-	66.18	178.35	-	-	-	-	178.35	178.35	
	Coconet (sq.m.)	-	344,906	-	-	-	-	344,906	290,232	5,852	-	-	-	296,084	296,084	
	Concrete Rd (km)	-	18.71	-	-	-	-	18.71	20.45	2.94	-	-	-	23.39	23.39	
	Gravel Rd (km)	-	66.81	2.67	-	-	-	69.48	61.92	6.97	-	-	-	68.89	68.89	
II. CONTINUING APPROPRIATIONS																
A. BALANCE FROM CY 2016																
1. Ambayoan RIS Ext'n. Project, Pangasinan Pangasinan, Region 1	New	1,450						-						-	95	81.79
	Resto	1,660		190				190						-	120	
	Canal Lining (km)	3.50		1.85				1.85		0.31				0.31	1.96	
	Structures (unit)	15		20				20		10				10	10	
2. Malaig RIS Ext'n. Project Lanao del Sur, Region 10	New	1,665		275	22	108	-	405		275				275	1,480	74.06
	Resto							-						-		

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT					Actual to Date	Overall Project Status (%)	
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment						Total CY 2017
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013			
3. Extension/Expansion of Existing NIS Nationwide	New		755				755		419				419	694	39.27
	Resto		97				97		109				109	162	
	Canal Lining (km)		19.26				19.26		26.23				26.23	33.97	
	HDPE (km)		4.75				4.75		7.25				7.25	9.00	
	Structures (Unit)		38				38		85				85	91	
	Gravel Rd (km)								2.30				2.30	2.30	
4. Extension/Expansion of Existing CIS Nationwide	New		1,791				1,791		1,262				1,262	1,984	50.30
	Resto		282				282		140				140	412	
	Canal Lining (km)		15.72				15.72		36.25				36.25	60.85	
	HDPE (km)		2.14				2.14		-			-	-		
	Structures (Unit)		12				12		116				116	230	
5. Repair of Groundwater Pump IS Nationwide	New		-				-		-				-	-	
	Resto		763				763		373				373	778	
	Canal Lining (km)		20.23				20.23		12.37				12.37	13.92	
	Canal Structures (Unit)		5				5		36				36	39	
	HDPE (km)		36.00				36.00		1.85				1.85	7.85	
6. Climate Change Adaptation Works Climate Change Adaptation Works - Proper	Canal Lining (km)								1.00				1.00	1.00	
	Canal Structures (Unit)								3				3	3	
7. Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda	New		-				-						-	-	79.93
	Resto		260				260		260				260	266	
	Canal Lining (km)		13.70				13.70		19.80				19.80	61.53	
	Structures (Unit)		9				9		14				14	48	
	Gravel Rd (km)		2.67				2.67								
8. For the Requirement of the Program Beneficiaries Development Component of the Comprehensive Nationwide	New		57				57		-				-	368	
	Resto		254				254		-				-	233	
	Canal Lining (km)								-				-	26.10	
	HDPE (km)								-				-	7.01	
	Structures (Unit)								-				-	194	
9. Resto/Repair and Maintenance of IS Resto./Rep. and Maintenance of IS (National Systems)	New		-				-		-				-	-	
	Resto		1,399				1,399		940				940	1,751	
	Canal Lining (km.)		126.67				126.67		110.54				110.54	210.71	
	Structures (Unit)		286				286		142				142	284	
	Gravel Rd (km)								12.76				12.76	12.76	
10. Resto./Rep. and Maintenance of IS (Communal Systems) Nationwide	New		-				-		72				72	79	
	Resto		3,402				3,402		2,636				2,636	5,245	
	Canal (km.)						-								
	Canal Lining (km.)		86.14				86.14		103.35				103.35	303.10	
	Structures (Unit)		108				108		396				396	993	
	HDPE (km)		24.35				24.35		26.79				26.79	36.83	
	Gravel Rd (km)								1.00				1.00	1.00	
11. Coconet Slope Protection in National Irrigation Systems	Coconet (sq.m.)		442,008				442,008		45,248				45,248	312,206	
12. Coconet Slope Protection in Communal Irrigation Systems	Coconet (sq.m.)		52,879				52,879		35,911				35,911	68,177	
	Canal Lining (km)								2.00						
13. Improvement of Service Roads in Communal Irrigation Systems	Concrete Rd (km)		13				13	-	8.45				8.45	8.45	46.53
14. Dabubu RIP Isabela, Region 2	New	1,500			500		500						-	-	94.72
15. Ibato-Iraan SRIP Palawan, Region 4B	Resto	860													44.93
	Canal Lining (km)		360				360		4.15	2.03			6.18	6.18	
	Structures (Unit)								15	37			52	52	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017		
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013			
16. Talakag Irrigation Project Phase II Bukidnon, Region 10	New 1,895 Resto Canal Lining (km) Structures (Unit)			31	83	11	125		634	26	25	3	688	1,603	73.33
			14.00				14.00		10.11		7.00		17.11	17.11	
			57				57		42	2	95		139	139	
17. Small Irrigation Project (SIP) Nationwide	New Resto Canal Lining (km) HDPE (km) Structures (Unit)		3,671				3,671		2,641				2,641	4,203	46.24
							-		10				10	10	
							-		36.51				36.51	66.04	
							-		10.15				10.15	13.00	
							-		203				203	340	
18. Estab. of Groundwater Pump IP Nationwide	New Resto Canal Lining (km) Structures (Unit)		416				416		356				356	1,288	74.16
							-		41				41	113	
							-		1.92				1.92	3.81	
							-		3				3	4	
19. Balikatan Sagip Patubig Program (BSPP) Nationwide	New Resto Canal Lining (km) HDPE (km) Structures (Unit)		291				291		281				281	917	68.06
							-		-				-	5	
			2.88				2.88		2.86				2.86	2.86	
							-		-				-	0.46	
			13				13		9				9	11	
B2. Foreign Assisted Projects															
20. Adapting to Climate Change Impact Through the Construction of Water Impounding Facilities in the Philippines (Pasa SRIP), Isabela	New 900 Resto Rehab 80														88.07
TOTAL FOR BALANCE FROM CY 2016	New 8,270	-	7,616	53	691	11	8,371	-	5,940	26	25	3	5,994	13,011	
	Resto 1,660	-	6,647	-	-	-	6,647	-	4,510	-	-	-	4,510	9,096	
	Canal Lining (km) 3.50	-	300.45	-	-	-	300.45	-	367.39	2.03	7.00	-	374.42	809.13	
	HDPE (km) -	-	67.24	-	-	-	67.24	-	46.03	-	-	-	46.03	74.14	
	Structures (Unit) 15	-	548	-	-	-	548	-	1,074	39	95	-	1,208	2,438	
	Coconet (sq.m.) -	-	494,887	-	-	-	494,887	-	81,159	-	-	-	81,159	380,383	
	Concrete Rd (km) -	-	13.00	-	-	-	13.00	-	8.45	-	-	-	8.45	8.45	
	Gravel Rd (km) -	-	2.67	-	-	-	2.67	-	16.06	-	-	-	16.06	16.06	
B. BALANCE FROM CY 2015															
1. Extension/Expansion of Existing IS															
1.1 Other NIS (Extension/Expansion of EIS)	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)		1,991 494 25.24 40.58 72				1,991 494 25.24 40.58 72		524 198 2.19 12.11 33				524 198 2.19 12.11 33	3,021 812 145.45 91.66 251	96.47
1.2 Other CIS (Extension/Expansion of EIS)	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)		1,700 303 14 44 87				1,700 303 14.15 44.23 87		302 47 0.89 5.39 10				302 47 0.89 5.39 10	3,118 690 17.76 98.28 321	97.97
2. Repair of Groundwater Pump Irrigation Systems	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)		63 2.08 - 1				63 2.08 - 1		2 0.18 - -				2 0.18 - -	223 2.08 0.20 1	96.69
3. Climate Change Adaptation Works	Canal Lining (km.) Structures (Unit)									3.53 32			3.53 32	3.53 32	95.68

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)	
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017			
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013				
4. For the Requirement of the Program Beneficiaries Development Component of the Comprehensive Agrarian Reform Program Nationwide	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)									- 107 0.07 - 8			- 107 0.07 - 8	296 466 2.31 30.07 139		
5. Resto/Repair and Maintenance of IS 5.1 Resto./Rep. and Maintenance of IS (National Systems) Nationwide	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)		4,160 150 142 249				4,160 149.76 142.35 249			1,210 15.18 42.32 68			1,210 15.18 42.32 68	8,850 443.20 372.78 629	99.59	
5.2 Resto./Rep. and Maintenance of IS (Communal Systems) Nationwide	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)		5,981 140.75 221.13 448				5,981 140.75 221.13 448			1,277 17.05 17.46 91			1,277 17.05 17.46 91	13,122 293.16 444.42 1,378	98.78	
6. Gaco Irrigation Project Ilocos Sur, Region 1	New Resto	865 335					- -						- -	865 335	100.00	
7. BLISCUR Integrated SIP Pangasinan, Region 1	New Earth Canals (Km) Canal Lining (km.) Structures (Unit)	3,000					- - - -						- - - -	60 2.80 0.82 1		
8. Bayuyan SRIP Capiz, Region 6	New Resto	120					- -						- -	- -	9.11	
9. Nalihugan SRIP Western Samar, Region 8	New Resto	800					- -						- -	- -		
10. Asbang SRIP Davao del Sur, Region 11	New Resto	469			100		100 -						- -	- 420	15.97 99.99	
11. Kitcharao SRIP Agusan del Norte, Region 13	New Resto	450	110				110 -						- -	420 -		
12. Lake Mainit IADP Surigao del Norte, Region 13	New Resto Canal Lining (km.)	1,170 154		120	55		175 -				49	55	104 1,367 385 0.25			
13. Irrigated Rice Prod. Enhancement Project	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)		114 183 10.22 1.16 4				114 183 10.22 1.16 4			3			3 - - - -	297 465 0.66 8.59 27	99.46	
14. Estab. of Groundwater Pump IP Nationwide	New Structures (Unit)		493				493			72 2			72 2	2,452 2	99.06	
15. Balikatan Sagip Patubig Program (BSPP) Nationwide	New Resto Earth Canals (Km) Structures (Unit)		305 - 1.56 2				305 - 1.56 2						- - - -	650 6 1.56 2	99.37	
16. Bottom-up Budgeting Projects (BuBP) Nationwide	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)									115 5.09 15			115 5.09 15	115 2.88 14.92 30	93.30	
TOTAL FOR BALANCE FROM CY 2015	New Resto Earth Canals (Km) Canal Lining (km.) Structures (Unit)	6,874 489 - - -	- - - - -	4,713 11,184 343.76 449.45 863	120 - - - -	155 - - - -	- - 343.76 449.45 863	4,988 11,184 - - -	- - - - -	- - 35.56 85.90 259	901 - - - -	49 - - -	55 - - -	1,005 2,955 35.56 85.90 259	12,546 25,468 911.86 1,065.52 2,813	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)	
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017			
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013				
C. BALANCE FROM CY 2014																
1. Restoration/Rehabilitation/Repair of IS																
1.1 Restoration/Rehabilitation/Repair of IS (National Systems) Nationwide	New Resto Canal (km.) Canal Lining (km.) Structures (Unit)			4 - 20 4 7			4 - 20.19 3.79 7				20 0.34		- 20 0.34 - -	106 1,038 72.94 44.20 108	99.90	
1.2 Restoration/Rehabilitation/Repair of IS (Communal Systems) Nationwide	New Resto Canal (km.) Canal Lining (km.) Structures (Unit)			36 - 2.54 1			- 36 - 2.54 1				26		- 26 - - 18	54 490 10.74 51.52 206	100.00	
2. Extension/Expansion of Existing Irrigation System																
2.1 Other NIS (Extension/Expansion of EIS) Nationwide	New Resto Canal (km) Canal Lining (km) Structures (unit)			335			335 - - -				86 8 5.17 8.51 7		86 8 5.17 8.51 7	3,673 382 99.73 58.52 121	99.78	
2.2 Other CIS (Extension/Expansion of EIS) Nationwide	New Resto Canal (km.) Canal Lining (km.) Structures (Unit)			709 10			709 10 - -				326 10 4.32 30.89 61		326 10 4.32 30.89 61	4,898 1,120 4.32 30.89 61	99.82	
3. Dinapigue SSIP Isabela, Region 2	New Resto	420		100	20		120							300	83.84	
4. Calunasan SRIP Bohol, Region 7	New Resto	125													11.76	
5. Irrigated Rice Prod. Enhancement Project, Region 8 & 10	Resto Canal (km.) Canal Lining (km.)										290 21.47 8.61		290 21.47 8.61	290 21.47 8.61		
6. Small Irrigation Project (SIP), Nationwide	New Resto Canal (km.) Canal Lining (km.) Structures (unit)			1,997			1,997				906 - 11.55 53.80 214		906 - 11.55 53.80 214	9,723 7 11.55 53.80 214	91.72	
7. Establishment of Groundwater Pump IP Nationwide	New Resto			8			8						-	356	100.00	
8. Balikatan Sagip Patubig Program Nationwide	New Resto			3			3						-	214 20	99.50	
TOTAL FOR BALANCE FROM CY 2014	New Resto Canal (km) Canal Lining (km) Structures (unit)	545 - - - -	- - - - -	- - - - -	3,156 46 20.19 6.33 8	20 - - - -	- - - - -	3,176 46 20.19 6.33 8			1,318 354 37.68 101.81 300		1,318 354 37.68 101.81 300	19,324 3,347 220.75 247.54 710		
	D. BALANCE FROM CY 2013															
	Restoration/Rehabilitation/Repair of Irrigation Systems															
	1. Lasang RIS Restoration Project Davao del Norte, Region 11	New Resto	556			456		456							-	85.71
	2. Tago River ISIP Surigao del Sur, Region 13	New Resto	2,350 2,500				300 1,332	300 1,332							1,050 668	85.40

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2017 TARGETS						CY 2017 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)	
		CY 2017 Program	Carryover Program				Total CY 2017	CY 2017	Carryover Accomplishment				Total CY 2017			
			CY 2016	CY 2015	CY 2014	CY 2013			CY 2016	CY 2015	CY 2014	CY 2013				
3. Restoration/Rehabilitation/Repair of IS Nationwide	New Resto				1,076		1,076					10	10	468 18,737	98.48	
4. Extension/Expansion of Existing Irrigation System Baggao River ISEP (Tabuan Area) Cagayan, Region 2	New Resto	1,122 116												786	42.26	
5. Other Extension/Expansion of IS NIS/CIS Extension Project Nationwide	New Resto Rehab				576 354		576 354							8,238 2,259 6,906	98.92	
6. Small Irrigation Project Nationwide	New Resto Rehab				1,768		1,768					181	181	23,973 1,236 523	97.86	
7. PAMANA Nationwide	New Resto Rehab				40		40					40	40	126 20 214	98.27	
8. Upper Butigue SRIP Mt. Province, CAR	New Resto	1,830												-	3.89	
9. Quick Response Fund (QRF)	New Resto Rehab													- 2,314 11,815	97.13	
TOTAL FOR BALANCE FROM CY 2013	New Resto	5,302 3,172			2,384 1,532	300 1,332	2,684 2,864					- 221 10	221 10	34,641 25,234		
TOTAL FOR NIA IRRIGATION DEVELOPMENT PROGRAM	New	165,560	23,115	20,365	7,264	5,932	406	57,082	8,796	7,170	1,528	1,421	764	19,679	127,116	
	Resto	64,437	13,507	23,027	651	6,549	1,332	45,066	9,538	4,932	2,955	354	10	17,788	75,739	
	Canal (km)	333.00	249.07	343.76	20.19	-	-	613.02	274.07	-	160.78	45.45	-	480.29	1,539.67	
	Canal Lining (km)	156.80	1,133.09	823.86	6.33	-	-	1,963.28	1,112.01	473.95	179.70	116.55	-	1,880.21	3,461.05	
	HDPE (km)	-	66.18	67.24	-	-	-	133.42	178.35	46.03	-	-	-	224.38	252.49	
	Structures (unit)	540	3,461	1,518	8	-	-	4,987	3,155	1,467	411	425	-	5,458	9,725	
	Coconet (sq.m.)	-	344,906	494,887	-	-	-	839,793	290,232	87,011	-	-	-	377,243	676,467	
	Concrete Rd (km)	-	18.71	13.00	-	-	-	31.71	20.45	11.39	-	-	-	31.84	31.84	
	Gravel Rd (km)	-	66.81	5.34	-	-	-	72.15	61.92	23.03	-	-	-	84.95	84.95	

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

FINANCIAL STATUS OF IRRIGATION PROJECTS
 FY 2017 IRRIGATION PROGRAM (R.A. 10924)
 January 1 - December 31, 2017
 (All Amount in Thousand Pesos)

PARTICULARS	CY 2017 IRRIGATION PROGRAM								REGULAR CY 2017 PROGRAM & CARRY-OVER FUNDS			
	CY 2017 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2016	Allotment Received	NCA Received	Obligation	Total CY 2017 Program	Total Available Allotment	NCA Received	Obligation
A. PROGRAMS												
A1. GENERAL ADMINISTRATION AND SUPPORT												
1. Agri-Agra NDC Loan repayment	PC 1,498,870	1,498,870	1,498,870	1,498,870	-	-	-	-	1,498,870	1,498,870	1,498,870	1,498,870
2. Irrigation Fee Subsidy	PC 2,000,000	2,000,000	1,500,000	2,000,000	-	-	-	-	2,000,000	2,000,000	1,500,000	2,000,000
3. Operating Subsidy	PC 1,690,657	1,690,657	1,267,992	1,397,891	-	-	-	-	1,690,657	1,690,657	1,267,992	1,397,891
4. Payment of NIA's Obligation to CE-Casencan for Water delivery fee	PC 2,880,000	2,880,000	2,880,000	2,880,000	-	-	-	-	2,880,000	2,880,000	2,880,000	2,880,000
5. Provision for the Non-Power Component of the San Roque Multi-Purpose	PC 2,642,010	2,642,010	2,642,010	2,642,010	-	-	-	-	2,642,010	2,642,010	2,642,010	2,642,010
TOTAL FOR GENERAL ADMINISTRATION AND SUPPORT	10,711,537	10,711,537	9,788,872	10,418,771	-	-	-	-	10,711,537	10,711,537	9,788,872	10,418,771
A2. SUPPORT TO OPERATIONS												
1. Heavy Equipment Procurement for IS	PC 110,500	110,500	-	-	-	-	-	-	110,500	110,500	-	-
2. PAYMENT OF ROW, Completion Works & Unpaid Claims and Damages	PC 30,000	30,000	-	-	-	-	-	-	30,000	30,000	-	-
TOTAL FOR SUPPORT TO OPERATIONS	140,500	140,500	-	-	-	-	-	-	140,500	140,500	-	-
A3. OPERATIONS												
1. Agno RIS Extension Project (ARISEP), Pangasinan	PC 900,351	900,351	511,099	900,351	205,035	-	430,542	204,291	1,105,386	1,105,386	941,641	1,104,642
2. Lower Sibuguey I RIS Ext'n. Project, Zamboanga Sibugay	PC 140,000	140,000	6,636	139,700	-	-	8,278	(35)	140,000	140,000	14,914	139,665
3. Lower Sibuguey II RIS Ext'n. Project, Zamboanga Sibugay	PC 150,000	150,000	6,999	149,534	6,903	-	10,437	5,774	156,903	156,903	17,436	155,308
4. Upper Sibuguey RIS Ext'n. Proj., Diplahan, Zam. Sibugay	PC 69,443	69,443	-	69,293	-	-	44,600	-	69,443	69,443	44,600	69,293
5. Extension/Expansion of Existing NIS	PC 385,527	385,527	191,722	321,455	-	-	-	-	385,527	385,527	191,722	321,455
6. Extension/Expansion of Existing CIS	PC 1,060,014	1,060,014	461,667	1,031,146	-	-	-	-	1,060,014	1,060,014	461,667	1,031,146
7. Operation and Maintenance of NIS Pump IS	PC 176,022	176,022	176,022	176,014	-	-	-	-	176,022	176,022	176,022	176,014
8. Repair of Groundwater Pump Irrigation Systems	PC 67,437	67,437	28,987	67,437	-	-	-	-	67,437	67,437	28,987	67,437
9. Irrig. Mgt. Transfer Support Services	PC 89,000	89,000	89,000	79,076	-	-	-	-	89,000	89,000	89,000	79,076
10. Climate Change Adaptation Works (NIS)	PC 538,633	538,633	305,663	526,271	-	-	538,633	-	538,633	538,633	305,663	526,271
11. Climate Change Adaptation Works (CIS)	PC 95,420	95,420	57,627	95,420	-	-	-	-	95,420	95,420	57,627	95,420
12. Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda	PC 555,425	555,425	280,669	549,428	-	-	-	-	555,425	555,425	280,669	549,428
13. Comprehensive Agrarian Reform Program	PC 282,040	282,040	282,040	276,865	-	-	-	-	282,040	282,040	282,040	276,865
14. Cagaycay RIS, Camarines Sur	PC 80,000	80,000	-	76,742	3,377	-	5,740	2,783	83,377	83,377	5,740	79,525
15. Daet-Talisay RIS, Camarines Norte	PC 100,000	100,000	22,980	98,297	4,864	-	50,415	4,864	104,864	104,864	73,396	103,161
16. Rinconada Integrated IS, Camarines Sur	PC 150,000	150,000	25,568	145,762	7,911	-	72,997	7,589	157,911	157,911	98,565	153,351
17. Aklan RIS Improvement Project	PC 200,000	200,000	38,755	200,000	-	-	41,109	-	200,000	200,000	79,863	200,000
18. Lasang RIS Improvement Project, Davao del Norte	PC 100,000	100,000	12,572	100,000	-	-	8,486	-	100,000	100,000	21,058	100,000
19. Resto/Rehab/Repair of NIS	PC 4,861,769	4,861,769	2,136,748	4,787,058	-	-	-	-	4,861,769	4,861,769	2,136,748	4,787,058
20. Resto/Rehab/Repair of CIS	PC 4,463,686	4,463,686	2,271,324	4,336,989	-	-	-	-	4,463,686	4,463,686	2,271,324	4,336,989
21. Coconut Slope Protection in NIS	PC 222,049	222,049	113,407	216,858	-	-	-	-	222,049	222,049	113,407	216,858
22. Improvement of Service Roads in CIS	PC 112,884	112,884	75,051	106,458	-	-	-	-	112,884	112,884	75,051	106,458
TOTAL FOR OPERATIONS	14,799,700	14,799,700	7,094,536	14,450,155	228,090	-	672,604	225,266	15,027,790	15,027,790	7,767,140	14,675,420
TOTAL FOR PROGRAMS	25,651,737	25,651,737	16,883,408	24,868,926	228,090	-	672,604	225,266	25,879,827	25,879,827	17,556,012	25,094,191

PARTICULARS	CY 2017 IRRIGATION PROGRAM								REGULAR CY 2017 PROGRAM & CARRY-OVER FUNDS			
	CY 2017 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2016	Allotment Received	NCA Received	Obligation	Total CY 2017 Program	Total Available Allotment	NCA Received	Obligation
B. PROJECTS												
B1. Locally Funded Projects												
1. Barbar SRIP, Ilocos Sur	PC 120,000	120,000	9,733	120,000	-		-	-	120,000	120,000	9,733	120,000
2. Sulvec SRIP, Ilocos Norte	PC 190,000	190,000	6,500	190,000	3,940		-	3,940	193,940	193,940	6,500	193,940
3. Alfonso Lista Pump IP, Ifugao	PC 50,000	50,000	9,769	49,546	50,000		-	50,000	100,000	100,000	9,769	99,546
4. Marimay SRIP, Apayao	PC 67,000	67,000	13,677	67,000	373		8,413	373	67,373	67,373	22,090	67,373
5. Chico River Pump Irrigation Project	PC 50,000	50,000	47,501	48,459	-		-	-	50,000	50,000	47,501	48,459
6. Dibuluan Irrigation Project, Isabela	PC 75,000	75,000	55,152	75,000	7,682		29,465	7,683	82,682	82,682	84,618	82,683
7. Nassiping PIP Ph. 1, Cagayan	PC 244,703	244,703	48,649	240,796	179		55,797	178	244,882	244,882	104,446	240,975
9. Balog-Balog MPIP, Phase II, Tarlac	PC 812,944	812,944	258,844	764,759	6,016,680		1,271,313	6,016,680	6,829,624	6,829,624	1,530,157	6,781,439
10. Bulo Small Reservoir Irrigation Project, Bulacan	PC 360,000	360,000	5,022	2,262	222,833		213,098	73,885	582,833	582,833	218,120	76,147
11. Casecan Multipurpose IP-IC Phase II, N. Ecija	PC 300,000	300,000	69,950	176,141	473,274		153,046	370,132	773,274	773,274	222,996	546,273
12. Balbalungao SRIP, Nueva Ecija	PC 20,000	20,000	14,905	20,000	423		2,184	423	20,423	20,423	17,088	20,423
13. Marikit Irrigation Project	PC 50,000	50,000	24,658	45,439	10,346		25,334	5,502	60,346	60,346	49,992	50,941
14. Upper Tabuating Reservoir Irrigation Project, N. Ecija	PC 170,544	170,544	29,750	170,544	6,440		26,077	6,440	176,984	176,984	55,827	176,984
15. Macalelon SRIP, Quezon	PC 144,900	144,900	6,435	144,900	2,310		921	2,310	147,210	147,210	7,355	147,210
16. Quipot Irrigation Project, Batangas, Quezon	PC 69,650	69,650	34,045	69,650	78,529		40,261	78,530	148,179	148,179	74,306	148,180
17. Bagtingon SRIP, Marinduque	PC 3,000	3,000	3,000	2,665	48		-	48	3,048	3,048	3,000	2,713
18. Bongabong River Irrigation Project, Oriental Mindoro	PC 28,934	28,934	5,754	28,873	2,073		25,882	2,073	31,007	31,007	31,636	30,946
19. Ibangan SRIP, Sorsogon	PC 260,000	260,000	5,000	2,208	99,761		-	1,935	359,761	359,761	5,000	4,143
20. Sibagat SRIP, Camarines Sur	PC 3,000	3,000	3,000	2,005	10,745		-	1,361	13,745	13,745	3,000	3,366
21. Barotac Viejo SRIP, Iloilo	PC 66,385	66,385	17,737	45,812	59,362		44,620	-	125,747	125,747	62,357	45,812
22. Hilabangan Irrigation Project	PC 150,000	150,000	37,547	145,500	-		5,352	-	150,000	150,000	42,899	145,500
23. Malogo Irrigation Project	PC 100,000	100,000	30,384	97,000	-		-	-	100,000	100,000	30,384	97,000
24. Amlan Irrigation Project	PC 113,000	113,000	30,676	112,700	-		-	-	113,000	113,000	30,676	112,700
25. Sta. Agueda-Datagon Irrigation Project	PC 100,000	100,000	25,562	100,000	-		-	-	100,000	100,000	25,562	100,000
26. Benliw Small Reservoir Irrigation Project	PC 260,000	260,000	5,000	260,000	100,000		43,580	100,000	360,000	360,000	48,580	360,000
27. Bonot-Bonot SRIP, Bohol	PC 160,000	160,000	5,000	160,000	115,000		20,780	115,000	275,000	275,000	25,780	275,000
28. Mabini-Cayacay SRIP, Bohol	PC 280,000	280,000	4,001	280,000	130,000		32,130	130,000	410,000	410,000	36,131	410,000
29. Malinao Dam Improvement Project, Bohol	PC 100,000	100,000	-	1,069	200,000		84	607	300,000	300,000	84	1,677
30. Bantayan Irrigation Project, Northern Samar	PC 50,000	50,000	31,892	49,839	4,467		14,121	4,386	54,467	54,467	46,014	54,224
31. Bugko Irrigation Project, Northern Samar	PC 43,950	43,950	5,474	43,591	8,951		34,274	8,915	52,901	52,901	39,747	52,506
32. Bulao Irrigation Project, , Northern Samar	PC 3,537	3,537	3,537	3,530	28,594		-	28,553	32,131	32,131	3,537	32,083
33. Calbiga Irrigation Project, Western Samar	PC 100,000	100,000	41,538	99,410	5,125		47,913	5,126	105,125	105,125	89,452	104,535
34. Catarman-Bobon Irrigation Project, Northern Samar	PC 105,000	105,000	35,960	103,746	5,731		58,735	5,660	110,731	110,731	94,696	109,406
35. Gandara Irrigation Project (Concepcion Nacube Area)	PC 66,000	66,000	13,256	690	-		-	-	66,000	66,000	13,256	690
36. Gandara Irrigation Project (Pologon Area), Western Samar	PC 70,000	70,000	70,000	67,503	49,975		26,796	49,975	119,975	119,975	96,796	117,478
37. Hagbay Irrigation Project, Northern Samar	PC 1,875	1,875	1,875	1,865	39,796		-	39,740	41,671	41,671	1,875	41,605
38. Hibulangan SRIP, Northern Leyte	PC 95,000	95,000	40,898	91,646	(0)		36,725	-	95,000	95,000	77,623	91,646
39. Pinipisakan Irrigation Project, Northern Samar	PC 105,000	105,000	18,460	104,528	46,260		81,868	46,204	151,260	151,260	100,328	150,732
40. Sta. Rita SRIP, Western Samar	PC 37,523	37,523	5,000	37,523	59,347		37,488	59,347	96,870	96,870	42,488	96,870
41. Lison Valley IP, Pagadian City, Zamboanga del Sur	PC 22,000	22,000	3,900	22,000	375		12,282	357	22,375	22,375	16,183	22,357
42. Ditsaan-Ramain River IP, Lanao del Sur	PC 8,403	8,403	8,403	7,563	5,135		5,979	4,795	13,538	13,538	14,382	12,358
43. Upper Saug River Irrigation Project	PC 200,000	200,000	36,355	200,000	5,262		13,274	5,262	205,262	205,262	49,629	205,262
44. Malitubog-Maridagao IP Phase II, North Cotabato	PC 600,000	600,000	117,982	600,000	231,001		160,422	231,001	831,001	831,001	278,404	831,001
45. Sapalan River Irrigation Project	PC 50,000	50,000	12,407	10,628	47,406		9,580	47,406	97,406	97,406	21,986	58,034
46. Bislig City Integrated Dev't Project-IC, Surigao del Sur	PC 42,520	42,520	9,174	42,520	1,845		62,380	25	44,365	44,365	71,554	42,545
47. MAP Irrigation Project	PC 25,000	25,000	18,871	25,000	25		(90)	25	25,025	25,025	18,781	25,025
48. Umayam River Irrigation Project, Agusan del Sur	PC 146,792	146,792	51,250	142,283	45,797		19,106	41,023	192,589	192,589	70,356	183,306
49. Small Irrigation Project (SIP)	PC 2,559,963	2,559,963	985,178	2,389,817	145,794		568,279	122,826	2,705,757	2,705,757	1,553,457	2,512,644
50. Estab. of Groundwater Pump Irrigation Project (EGPIP)	PC 296,891	296,891	135,091	295,837	20,053		98,681	19,993	316,944	316,944	233,771	315,830

PARTICULARS	CY 2017 IRRIGATION PROGRAM								REGULAR CY 2017 PROGRAM & CARRY-OVER FUNDS			
	CY 2017 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2016	Allotment Received	NCA Received	Obligation	Total CY 2017 Program	Total Available Allotment	NCA Received	Obligation
51. Balikatan Sagip Patubig Program (BSPP)	PC 193,000	193,000	73,562	193,000	30,682		64,027	30,682	223,682	223,682	137,588	223,682
52. Feasibility Study & Detailed Engineering (FSDE) and Pre-Engineering Activities of Various Projects	PC 383,061	383,061	4,123	274,311	207,685		30,290	140,204	590,746	590,746	34,413	414,514
TOTAL FOR LOCALLY FUNDED PROJECTS	PC 9,554,575	9,554,575	2,531,437	8,229,157	8,579,305	-	3,380,466	7,858,602	18,133,880	18,133,880	5,911,903	16,087,759
B2. Foreign Assisted Projects												
1. Jalaur River Multipurpose Proj. Stage II	PC 280,500	280,500	280,500	106,649	217,613		-	58,767	498,113	498,113	280,500	165,417
	LP 2,200,000	2,200,000	-	2,200,000	3,440,000		-	3,440,000	5,640,000	5,640,000	-	5,640,000
	TP 2,480,500	2,480,500	280,500	2,306,649	3,657,613	-	-	3,498,767	6,138,113	6,138,113	280,500	5,805,417
2. National Irrigation Sector Reh. & Imp't. Project	PC 172,129	172,129	172,129	39,751	50,192		-	41,273	222,321	222,321	172,129	81,024
	LP 200,175	200,175	685	5,236	697,621		10,699	156,169	897,796	897,796	11,384	161,405
	TP 372,304	372,304	172,814	44,988		-	10,699	197,441	1,120,117	1,120,117	183,513	242,429
3. Participatory Irrig. Dev't. Project Phase I	PC 40,159	40,159	40,159	-	27,440		-	11,807	67,599	67,599	40,159	11,807
	LP 277,166	277,166	11,491	50,328	144,023		45,184	140,345	421,189	421,189	56,675	190,673
	TP 317,325	317,325	51,650	50,328		-	45,184	152,152	488,788	488,788	96,834	202,479
TOTAL FOR FOREIGN ASSISTED PROJECTS	PC 492,788	492,788	492,788	146,401	295,245		-	111,847	788,033	788,033	492,788	258,247
	LP 2,677,341	2,677,341	12,176	2,255,564	4,281,643		55,883	3,736,513	6,958,984	6,958,984	68,059	5,992,078
	TP 3,170,129	3,170,129	504,964	2,401,965	4,576,888	-	55,883	3,848,360	7,747,017	7,747,017	560,847	6,250,325
TOTAL FOR PROJECTS	PC 10,047,363	10,047,363	3,024,225	8,375,557	8,874,550		3,380,466	7,970,449	18,921,913	18,921,913	6,404,691	16,346,006
	LP 2,677,341	2,677,341	12,176	2,255,564	4,281,643		55,883	3,736,513	6,958,984	6,958,984	68,059	5,992,078
	TP 12,724,704	12,724,704	3,036,401	10,631,122	13,156,193	-	3,436,349	11,706,963	25,880,897	25,880,897	6,472,750	22,338,084
TOTAL FOR CY 2017 IRRIGATION PROGRAM	PC 35,699,100	35,699,100	19,907,633	33,244,483	9,102,640		4,053,070	8,195,715	44,801,740	44,801,740	23,960,703	41,440,198
	LP 2,677,341	2,677,341	12,176	2,255,564	4,281,643		55,883	3,736,513	6,958,984	6,958,984	68,059	5,992,078
	TP 38,376,441	38,376,441	19,919,809	35,500,047	13,384,283	-	4,108,953	11,932,228	51,760,724	51,760,724	24,028,762	47,432,276
II. CONTINUING APPROPRIATIONS												
II.A. BALANCE FROM CY 2016												
A. PROGRAMS												
A1. GENERAL ADMINISTRATION AND SUPPORT												
1. Operating Subsidy	PC				266,421		266,421	266,421	266,421	266,421	266,421	266,421
A2. SUPPORT TO OPERATIONS												
1. PAYMENT OF ROW, Completion Works & Unpaid Claims and Damages	PC				50,071		6,760	-	50,071	50,071	6,760	-
2. Quick Response Fund (QRF)	PC				75,737		-	67,320	75,737	75,737	-	67,320
A3. OPERATIONS												
1. Ambayaoan RIS Ext'n. Project, Pangasinan	PC				-		48,239	-	-	-	48,239	-
2. Malaig RIS Ext'n. Project, Lanao del Sur	PC				26,829		35,605	1,472	26,829	26,829	35,605	1,472
3. Other NIS (Extension/Expansion of EIS)	PC				83,677		235,751	81,719	83,677	83,677	235,751	81,719
4. Other CIS (Extension/Expansion of EIS)	PC				133,466		340,914	133,457	133,466	133,466	340,914	133,457
5. Repair, Operation and Maintenance of Pump Irrig. Systems	PC											
5.1 Operation and Maintenance of NIS Pump IS	PC				30,181		647	30,178	30,181	30,181	647	30,178
5.2 Repair of Groundwater Pump Irrigation Systems	PC				41,000		97,139	40,278	41,000	41,000	97,139	40,278
6. Irrig. Mgt. Transfer Support Services	PC				38,816		(950)	37,830	38,816	38,816	(950)	37,830
7. Climate Change Adaptation Works												
7.1 Climate Change Adaptation Works - Proper	PC				16,102		88,014	15,918	16,102	16,102	88,014	15,918
7.2 Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda	PC				9,859		152,325	9,752	9,859	9,859	152,325	9,752
8. For the Requirement of the Program Beneficiaries Development Component of the Comprehensive Agrarian Reform Program	PC				7,862		38,363	7,862	7,862	7,862	38,363	7,862
9. Restoration/Repair and Maintenance of Irrigation Systems												
9.1 Resto./Rep. and Maintenance of IS (National Systems)	PC				275,988		1,118,868	275,745	275,988	275,988	1,118,868	275,745
9.2 Resto./Rep. and Maintenance of IS (Communal Systems)	PC				196,353		1,057,878	187,723	196,353	196,353	1,057,878	187,723

PARTICULARS	CY 2017 IRRIGATION PROGRAM								REGULAR CY 2017 PROGRAM & CARRY-OVER FUNDS			
	CY 2017 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2016	Allotment Received	NCA Received	Obligation	Total CY 2017 Program	Total Available Allotment	NCA Received	Obligation
9.3 Coconet Slope Protection in NIS	PC				56,457		110,274	52,766	56,457	56,457	110,274	52,766
9.4 Coconet Slope Protection in CIS	PC				9,414		19,334	9,004	9,414	9,414	19,334	9,004
9.5 Improvement of Service Roads in CIS	PC				5,741		34,178	5,456	5,741	5,741	34,178	5,456
SUB-TOTAL PROGRAMS					1,323,975	-	3,649,759	1,222,904	1,323,975	1,323,975	3,649,759	1,222,904
B. PROJECTS												
B1. Locally Funded Projects												
1. Dabubu RIP, Isabela					1,237		9,255	1,095	1,237	1,237	9,255	1,095
2. Ibato-Iraan SRIP, Palawan					69,844		27,240	-	69,844	69,844	27,240	-
3. Talakag Irrigation Project Phase II, Bukidnon					40,077		49,952	36,111	40,077	40,077	49,952	36,111
B2. Foreign Assisted Projects												
1. Adapting to Climate Change Impact Through the Construction of Water Impounding Facilities in the Philippines (Pasa SRIP), Isabela	PC LP TP				9,441		-	(1,021)	9,441	9,441	-	(1,021)
SUB-TOTAL PROJECTS	PC	-	-	-	120,598	-	86,447	36,185	120,598	120,598	86,447	36,185
TOTAL FOR CY 2016 CONTINUING APPROPRIATIONS	PC	-	-	-	1,444,573	-	3,736,206	1,259,088	1,444,573	1,444,573	3,736,206	1,259,088
II.A. BALANCE FROM CY 2015												
A. PROGRAMS												
A2. SUPPORT TO OPERATIONS	PC											
1. Monitoring and Evaluation Activities for GPBP					450		-	134	450	450	-	134
2. PAYMENT OF ROW, Completion Works & Unpaid Claims and Damages	PC				0		23,512	-	0	0	23,512	-
3. Quick Response Fund (QRF)	PC				266		73,415	225	266	266	73,415	225
A3. OPERATIONS												
1. Extension/Expansion of Existing Irrigation System												
1.1 Other NIS (Extension/Expansion of EIS)	PC				0		128,884	(9)	0	0	128,884	(9)
1.2 Other CIS (Extension/Expansion of EIS)	PC				1,902		67,534	1,658	1,902	1,902	67,534	1,658
2. Repair, Operation and Maintenance of Pump Irrig. Systems												
2.1 Operation and Maintenance of NIS Pump IS	PC				(0)		-	(2)	(0)	(0)	-	(2)
2.2 Repair of Groundwater Pump Irrigation Systems	PC				(0)		4,085	-	(0)	(0)	4,085	-
3. Irrig. Mgt. Transfer Support Services					970		2,121	379	970	970	2,121	379
4. Climate Change Adaptation Works					234		10,035	148	234	234	10,035	148
5. For the Requirement of the Program Beneficiaries Development Component of the Comprehensive Agrarian Reform Program					(0)		17,454	-	(0)	(0)	17,454	-
6. Resto./Rep. and Maintenance of IS (National Systems)	PC				1,961		134,276	699	1,961	1,961	134,276	699
7. Resto./Rep. and Maintenance of IS (Communal Systems)	PC				4,682		175,134	1,478	4,682	4,682	175,134	1,478
SUB-TOTAL PROGRAMS	PC	-	-	-	10,464	-	636,449	4,709	10,464	10,464	636,449	4,709
B. PROJECTS												
B1. Locally Funded Projects												
1. Gaco Irrigation Project, Ilocos Sur	PC				-		22	-	-	-	22	-
2. BLISCUR Integrated Small Irrigation Project, Pangasinan	PC				-		8,315	-	-	-	8,315	-
3. Bayuyan SRIP, Capiz	PC				-		15,745	-	-	-	15,745	-
4. Nalihugan SRIP, Western Samar	PC				10,000		-	-	10,000	10,000	-	-
5. Asbang SRIP, Davao del Sur	PC				-		806	-	-	-	806	-
6. Kitcharao SRIP, Agusan del Norte	PC				0		36,989	-	0	0	36,989	-
7. Lake Mainit IADP, Surigao del Norte	PC				-		6,776	-	-	-	6,776	-
8. Irrigated Rice Prod. Enhancement Project	PC				373		10,568	-	373	373	10,568	-
9. Etab. of Groundwater Pump Irrigation Project (EGPIP)	PC				0		25,903	-	0	0	25,903	-
10. Balikatan Sagip Patubig Program (BSPP)	PC				0		135	-	0	0	135	-

PARTICULARS	CY 2017 IRRIGATION PROGRAM								REGULAR CY 2017 PROGRAM & CARRY-OVER FUNDS			
	CY 2017 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2016	Allotment Received	NCA Received	Obligation	Total CY 2017 Program	Total Available Allotment	NCA Received	Obligation
11. Bottom-up Budgeting Projects (BuBP)	PC				5,521		1,900	2,512	5,521	5,521	1,900	2,512
12. PAVAPA at MASaganang PamayanAn (PAMANA) Program	PC				0		-	-	0	0	-	-
13. Feasibility Study & Detailed Engineering (FSDE) and Pre-Engineering Activities of Various Projects					68,750		94,581	11,474	68,750	68,750	94,581	11,474
SUB-TOTAL LOCALLY FUNDED PROJECTS	PC	-	-	-	84,646	-	201,740	13,986	84,646	84,646	201,740	13,986
TOTAL FOR CY 2015 CONTINUING APPROPRIATIONS	PC	-	-	-	95,110	-	838,189	18,695	95,110	95,110	838,189	18,695
TOTAL FOR CY 2017 IRRIGATION PROGRAM	PC	35,699,100	35,699,100	19,907,633	33,244,483	10,642,323	8,627,465	9,473,498	46,341,423	46,341,423	28,535,098	42,717,981
	LP	2,677,341	2,677,341	12,176	2,255,564	4,281,643	55,883	3,736,513	6,958,984	6,958,984	68,059	5,992,078
	TP	38,376,441	38,376,441	19,919,809	35,500,047	14,923,967	8,683,348	13,210,012	53,300,408	53,300,408	28,603,158	48,710,059

NOTE:

CARRY-OVER FUNDS includes balances from CY2016 & CY 2015 Regular Appropriations

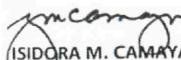
Unaudited Financial Status as of December 31, 2017.

PC - Peso Counterpart


LP - Loan Proceeds

TP - Total in Pesos

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

PROJECT PREPARATION ACTIVITIES
FEASIBILITY STUDY AND DETAILED ENGINEERING FOR IRRIGATION PROJECTS
 As of December 31, 2017

REGION	CY 2017 PROGRAM & ACCOMPLISHMENT								
	ALLOCATION (P'000)	NUMBER OF PROJECTS							
		COMPLETED CARRY-OVER		PROGRAM		COMPLETED		ONGOING	
		FS	DE	FS	DE	FS	DE	FS	DE
CAR	10,000	1	0	15	2	13	2	2	0
1	25,000	6	0	17	16	16	9	1	7
2 (Proper)	30,000	2	0	17	22	17	14	0	8
3 (Proper)	21,216	2	0	11	11	9	8	2	3
3 UPRIIS	20,000	1	0	2	2	0	0	2	2
4-A	8,000	1	0	1	0	0	0	1	0
4-B	4,138	0	0	5	9	4	6	1	3
5	40,000	0	0	48	43	32	3	16	40
6	48,028	4	0	3	4	2	2	1	2
7	50,000	1	0	8	10	7	6	1	4
8	6,000	0	0	13	14	13	11	0	3
9	5,000	0	0	20	20	18	17	2	3
10	48,407	0	0	13	1	7	0	6	1
11	27,272	0	0	17	8	16	5	1	3
12	20,000	2	0	28	62	10	20	18	42
13	20,000	1	0	14	12	8	8	6	4
TOTAL	383,061	21	0	232	236	172	111	60	125

Prepared by:

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ANGEL ARNY S. BUMAGAT
 Senior Economist

Certified Correct:

Reynaldo B. Villanera
REYNALDO B. VILLANERA
 Manager, Project Planning Division



STATUS OF IRRIGATION DEVELOPMENT
BASED ON INVENTORY
as of December 31, 2017
In Hectares

Annex E

REGION	ESTIMATED TOTAL IRRIGABLE AREA a/	Service Area (ha.)				Total	%	TOTAL REMAINING AREA TO BE DEVELOPED
		NATIONAL IRRIGATION SYSTEM	COMMUNAL IRRIGATION SYSTEM	PRIVATE IRRIGATION SYSTEM	OTHER GOVERNMENT AGENCY ASSISTED			
CAR	111,295.65	15,936.64	55,293.89	23,376.34	3,606.82	98,213.69	88.25	13,081.96
REGION 1	264,491.00	61,499.44	57,519.40	20,788.45	50,575.83	190,383.12	71.98	74,107.88
REGION 2	457,246.76	176,273.28	54,734.49	44,501.34	21,021.12	296,530.23	64.85	160,716.53
REGION 3	483,830.18	219,165.30	75,964.06	9,343.65	19,481.79	323,954.80	66.96	159,875.38
REGION 4A	85,929.00	29,034.00	22,778.00	7,288.00	2,553.00	61,653.00	71.75	24,276.00
REGION 4B	143,558.95	29,130.59	39,372.92	14,973.91	12,596.00	96,073.42	66.92	47,485.53
REGION 5	239,440.00	24,016.05	74,613.04	25,059.00	15,966.30	139,654.39	58.33	99,785.61
REGION 6	191,253.16	53,935.08	39,035.13	15,309.81	15,012.30	123,292.32	64.47	67,960.84
REGION 7	53,674.35	12,210.99	31,510.00	4,068.00	1,496.00	49,284.99	91.82	4,389.36
REGION 8	91,982.90	25,877.00	38,573.90	5,915.75	2,765.00	73,131.65	79.51	18,851.25
REGION 9	93,706.00	19,049.59	25,826.15	1,957.00	3,481.00	50,313.74	53.69	43,392.26
REGION 10	121,122.69	32,164.82	29,072.05	4,930.54	4,784.25	70,951.66	58.58	50,171.03
REGION 11	177,546.92	38,567.98	29,267.33	1,291.00	1,675.27	70,801.58	39.88	106,745.34
REGION 12	293,226.24	71,299.41	39,756.18	2,840.00	10,256.00	124,151.59	42.34	169,074.65
REGION 13	160,176.75	32,029.70	28,672.00	3,137.00	6,418.00	70,256.70	43.86	89,920.05
ARMM	160,150.45	27,712.86	21,241.75	90.00	295.00	49,339.61	30.81	110,810.84
Total	3,128,631.00	867,902.74	663,230.28	184,869.79	171,983.68	1,887,986.49	60.35	1,240,644.51

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

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

* CAR, Region 7, Region 8, Region 9, Region 10, Region 13, and ARMM generated 13,963 ha. of new areas but not yet operational.

Consolidated:

ROGELIA C. DELA TORRE
 Manager, CORPLAN Services

Prepared:

BAYANI P. OFREJO
 Manager, Operations Department

Recommending Approval:

C'ZAR M. SULAIK
 Deputy Administrator for Engineering & Operation

Approved:

Gen. RICARDO R. VISAYA (Ret.)
 Administrator



SERVICE AND IRRIGATED AREA OF NATIONAL IRRIGATION SYSTEMS
CROP YEAR 2016-2017
As of December 31, 2017

NIA REGION	NO. OF NIS a/	SERVICE AREA a/	FIRMED-UP SERVICE AREA a/	IRRIGATED AREA (ha)									IRRIGATED CROPPING INTENSITY (%)	
				WET SEASON			DRY SEASON			THIRD CROP			SERVICE AREA	FIRMED-UP SERVICE AREA
				PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%		
CAR	62	26,409	22,985	16,936	17,689	104.45	16,288	16,040	98.48	-	72	-	127.99	147.05
1	27	62,228	48,856	37,763	40,150	106.32	30,417	32,765	107.72	210	548	260.95	118.05	150.37
2	18	59,308	56,549	47,107	43,561	92.47	51,002	47,042	92.24	-	-	-	152.77	160.22
MRIIS	3	100,257	87,276	81,405	83,953	103.13	81,362	83,503	102.63	-	-	-	167.03	191.87
3	20	82,401	71,069	43,691	41,691	95.42	40,477	45,000	111.17	970	1,437	148.12	106.95	124.00
UPRIIS	18	125,811	120,985	114,852	127,741	111.22	104,885	115,572	110.19	-	-	-	193.40	201.11
4-A	39	28,796	20,820	14,886	15,456	103.83	14,579	15,317	105.06	-	185	-	107.51	148.69
4-B	12	27,827	18,938	15,547	18,093	116.38	13,484	16,907	125.39	-	-	-	125.78	184.81
5	16	23,252	23,162	17,934	17,120	95.46	17,904	17,863	99.77	-	553	-	152.83	153.42
6	13	53,910	47,081	41,313	43,361	104.96	34,260	36,142	105.49	4,221	6,954	164.74	160.37	183.63
7	4	12,135	11,729	7,608	8,076	106.15	7,808	7,889	101.04	-	-	-	131.56	136.11
8	24	24,827	24,827	18,585	18,854	101.45	18,728	18,633	99.49	-	-	-	150.99	150.99
9	4	20,516	16,063	14,930	14,986	100.38	14,607	14,866	101.77	-	-	-	145.51	185.84
10	11	39,649	31,795	20,368	21,516	105.63	20,424	22,507	110.20	600	-	-	111.03	138.46
11	9	38,559	36,176	27,554	28,783	104.46	24,845	26,060	104.89	-	-	-	142.23	151.60
12	19	90,033	82,625	72,524	72,370	99.79	60,483	60,893	100.68	-	5,789	-	154.45	168.29
13	8	32,697	27,892	18,154	20,044	110.41	19,454	20,261	104.15	-	-	-	123.27	144.50
TOTAL	307	848,617	748,829	611,156	633,443	103.65	571,007	597,259	104.60	6,001	15,538	258.92	146.86	166.43

NOTE:

a/ - Inventory as of December 31, 2016

Dry Season - November 2016 to April 2017

Wet Season - May 2017 to October 2017

Some parts of Regions have inverted cropping season

Prepared by

ANNE BERNICE C. BAETIONG
Senior Engineer A

Certified Correct:

AUGUSTRESE S. TORRES
Manager, System Management Division

Concurred:

BAYANI P. OFRECIO
Acting Manager, Operations Department



SERVICE AND IRRIGATED AREA OF COMMUNAL IRRIGATION SYSTEMS
CROP YEAR 2016-2017
As of December 31, 2017

NIA REGION	NO. OF CIS a/	SERVICE AREA a/	FIRMED-UP SERVICE AREA a/	IRRIGATED AREA (ha)									IRRIGATED CROPPING INTENSITY (%)	
				WET SEASON			DRY SEASON			THIRD CROP (QTA)			SERVICE AREA	FIRMED-UP SERVICE AREA
				PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%		
CAR	1,960	52,988	50,894	41,331	39,306	95.10	40,259	36,884	91.62	5,000	5,000	100.00	153.22	159.53
1	762	56,834	54,139	37,585	39,688	105.60	27,589	26,806	97.16	1,622	1,587	97.84	119.79	125.75
2	1,616	56,854	55,281	42,784	39,161	91.53	42,784	39,890	93.24	-	-	-	139.04	143.00
3	400	73,897	66,710	42,667	50,570	118.52	41,582	44,665	107.41	-	-	-	128.88	142.76
4-A	408	22,207	20,125	14,533	15,015	103.32	14,533	14,946	102.84	-	-	-	134.92	148.87
4-B	257	36,949	34,072	18,435	23,323	126.51	16,675	22,788	136.66	-	-	-	124.80	135.34
5	830	74,406	52,073	34,586	34,766	100.52	34,471	34,699	100.66	-	-	-	93.36	133.40
6	760	37,686	32,362	21,166	24,005	113.41	19,821	20,178	101.80	-	4,253	-	128.53	149.67
7	447	30,848	25,921	21,900	21,822	99.64	21,000	20,881	99.43	3,800	755	19.87	140.88	167.65
8	475	38,347	37,580	21,033	22,456	106.77	22,060	22,907	103.84	-	-	-	118.30	120.71
9	330	28,636	23,161	18,895	17,189	90.97	18,347	17,205	93.78	200	200	100.00	120.81	149.36
10	275	35,056	31,090	16,654	15,501	93.08	12,507	17,977	143.74	-	1,113	-	98.67	111.26
11	140	28,624	25,719	19,469	19,803	101.72	19,469	19,654	100.95	-	-	-	137.84	153.42
12	337	48,814	44,257	33,291	34,296	103.02	32,724	34,606	105.75	-	-	-	141.15	155.68
13	199	26,272	20,622	8,809	9,174	104.14	10,101	11,471	113.56	-	-	-	78.58	100.11
TOTAL	9,196	648,417	574,007	393,139	406,074	103.29	373,923	385,558	103.11	10,622	12,908	121.52	124.08	140.16

NOTE:

a/ - Inventory as of December 31, 2016

Dry Season - November 2016 to April 2017

Wet Season - May 2017 to October 2017

Some parts of Regions have inverted cropping season

Prepared by

ANNE BERNICE C. BAETIONG
 Senior Engineer A

Certified Correct:

AUGUSTRESE S. TORRES
 Manager, System Management Division

Concurred:

BAYANI P. OFRECIO
 Acting Manager, Operations Department



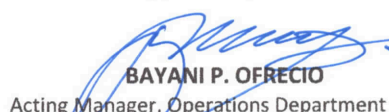
ANNUAL IDP AND IMT ACCOMPLISHMENT

PARTICULARS		NIS	CIS	NIP/SIS/SRIS	TOTAL
As of December 31, 2017 (Overall)					
IA ORGANIZED					
-	Number of IAs	2,867	5,395	470	8,732
-	Area Covered (ha.)	691,259.20	512,146.87	86,410.50	1,289,816.57
-	Farmer-Beneficiaries	585,764	458,148	65,048	1,108,960
-	Members	524,275	423,354	38,403	986,032
IA REGISTERED					
-	Number of IAs	2,826	5,004	365	8,195
-	Area Covered (ha.)	683,720.16	487,809.28	75,423.00	1,246,952.44
-	Farmer-Beneficiaries	581,914	439,954	56,220	1,078,088
-	Members	512,735	410,627	31,772	955,134
IMT CONTRACT					
-	Number of IAs	2,655	N/A	118	2,773
-	Area Covered (ha.)	660,178.13	N/A	10,422	670,600.61
-	Farmer-Beneficiaries	552,878	N/A	9,675	562,553
-	Members	502,989	N/A	6,964	509,953
CIS O&M TURNOVER					
-	Number of IAs	N/A	4,856	22	4,878
-	Area Covered (ha.)	N/A	425,252.37	4,851.00	430,103.37
-	Farmer-Beneficiaries	N/A	379,854	3,609	383,463
-	Members	N/A	359,453	2,959	362,412
For CY 2017 (For the Year)					
IA STRENGTHENING					
-	Number of IAs				3,670
-	Area Covered (ha.)				45,509.00
-	Farmer-Beneficiaries				671,216
IA SUSTENANCE					
-	Number of IAs				2,725
-	Area Covered (ha.)				641,590.00
-	Farmer-Beneficiaries				550,074
IMT CONTRACTING					
•	NEW CONTRACT				
-	Number of IAs				2,773
-	Area Covered (ha.)				670,600.13
-	Farmer-Beneficiaries				562,553
•	UPGRADED CONTRACT				
-	Number of IAs			N/A	
-	Area Covered (ha.)			N/A	
-	Farmer-Beneficiaries			N/A	
CAPACITY BUILDING FOR IA					
-	Number of IAs				797
-	Number of Batches				18,255
-	Number of Participants				225,513
CAPACITY BUILDING FOR STAFF					
-	Number of Batches				1,115
-	Number of Participants				30,087
ASSISTANCE PROGRAM/INTER-AGENCY COORDINATION					
-	Number of IAs				9,128
-	Number of Batches				9,649
-	Number of Participants				87,822

Prepared by:


LEO LOPEZ GALLEGO
Acting Division Manager, IDD

Approved by:


BAYANI P. OFRECIO
Acting Manager, Operations Department



STATUS OF NIA EQUIPMENT

As of December 31, 2017

REGIONS / PROJECTS	HEAVY EQUIPMENT				LIGHT EQUIPMENT				OTHER SUPPORT				SPECIAL EQUIPMENT				TOTAL BY CATEGORY					TOTAL				% OPERABILITY
	A1	A2	A3	R	A1	A2	A3	R	A1	A2	A3	R	A1	A2	A3	R	H	L	O	S	TOTAL	A1	A2	A3	R	
R-1	2	17	7	3	39	67	1	12	1	28	7	-	-	11	-	-	29	119	36	11	195	42	123	15	15	92
R-2	6	25	11	4	63	103	8	55	7	32	11	36	1	1	-	2	46	229	86	4	365	77	161	30	97	89
R-3	1	23	4	10	68	106	5	134	15	44	1	20	1	8	-	3	38	313	80	12	443	85	181	10	167	96
R-4A	1	15	-	2	32	65	14	7	1	6	2	11	1	3	1	-	18	118	20	5	161	35	89	17	20	88
R-4B	1	14	7	9	41	50	37	50	3	7	4	23	-	-	-	-	31	178	37	-	246	45	71	48	82	71
R-5	-	6	13	12	16	37	45	54	-	23	11	67	-	5	1	1	31	152	101	7	291	16	71	70	134	55
R-6	2	22	12	20	29	79	14	70	1	51	28	48	2	9	2	5	56	192	128	18	394	34	161	56	143	78
R-7	1	17	10	4	5	67	10	30	25	50	12	28	-	-	-	-	32	112	115	-	259	31	134	32	62	84
R-8	-	20	10	3	32	79	9	21	-	65	6	34	-	1	-	3	33	141	105	4	283	32	165	25	61	89
R-9	-	7	4	2	21	27	7	1	12	7	13	2	-	-	-	1	13	56	34	1	104	33	41	24	6	76
R-10	-	19	17	52	19	80	8	14	-	9	1	3	-	-	-	-	88	121	13	-	222	19	108	26	69	83
R-11	1	22	8	-	27	55	7	14	55	40	-	8	2	5	-	-	31	103	103	7	244	85	122	15	22	93
R-12	1	40	28	50	37	147	55	136	4	30	25	39	-	-	1	1	119	375	98	2	594	42	217	109	226	70
R-13	3	31	8	35	37	110	36	92	-	27	40	64	-	13	-	9	77	275	131	22	505	40	181	84	200	72
CAR	-	4	5	2	23	34	16	12	1	3	3	2	-	-	-	-	11	85	9	-	105	24	41	24	16	73
MRIIS	12	13	6	8	110	56	7	49	32	36	3	10	8	7	2	2	39	222	81	19	361	162	112	18	69	94
UPRIIS	-	17	3	1	33	99	2	38	23	20	-	9	8	-	-	-	21	172	52	8	253	64	136	5	48	98
BBMP	-	3	1	-	-	23	2	-	4	8	3	-	-	-	-	-	4	25	15	-	44	4	34	6	-	86
ARIIP	-	-	-	-	-	6	-	-	-	1	-	-	-	-	-	-	-	6	1	-	7	-	7	-	-	100
HCAAP	2	-	5	-	18	4	1	5	9	40	6	1	-	36	2	-	7	28	56	38	129	29	80	14	6	89
C.O.	-	-	-	-	23	15	-	-	-	-	-	-	-	-	-	-	-	38	-	-	38	23	15	-	-	100
CMIP	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	7	-	-	7	-	7	-	-	100
JRMP 2	4	-	-	-	38	1	-	-	23	-	-	-	-	-	-	-	4	39	23	-	66	65	1	-	-	100
TOTAL	37	315	159	217	711	1,317	284	794	216	527	176	405	23	99	9	27	728	3,106	1,324	158	5,316	987	2,258	628	1,443	84

NOTE:

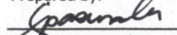
A1 - Operable Equipment
A2 - Operating Intermittently & less reliable Equipment
A3 - Non-Operable Equipment needing repair
R - Equipment recommended for disposal

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.

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

Prepared by:


Jose B. Pasumala
Senior Engineer A

Checked by:


Albert D. Asturiano
Acting Manager, EMD