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June 4, 2020

**FOR : GEN RICARDO R VISAYA (Ret)**  
Administrator  
This Agency

**THRU : Channels**

**SUBJECT : NIA CY2019 YEAR-END REPORT**

We respectfully submit the NIA's CY2019 Year-End Report.

The data for the Physical Accomplishment are all based from the Online Physical Accomplishment Information System as an official reporting system of the agency per MC No.9,s.2017

For your ready reference.

**ROGELIA C. DELA TORRE**

Manager, Corporate Planning Services



Republika ng Pilipinas  
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Pambansang Pangasiwaan ng Patubig  
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# **NIA CY2019 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	PMO	Project Management Office
MARIIS	Magat River Integrated Irrigation System	POW	Program of Work
MPIP	Multipurpose Irrigation Project	QRF	Quick Response Fund
NCA	Notice of Cash Allocation	RA	Republic Act
NEDA	National Economic and Development Authority	RREGPIP	Repair/Establishment of Groundwater Pump Irrigation Project
NGO	Non Government Organization		
NIA NIP or NIS NIS RIP	National Irrigation Administration National Irrigation Project or System National Irrigation Sector Rehabilitation and Improvement Project	RIOs RIP or RIS ROW	Regional Irrigation Offices River Irrigation Project or System Right-of-Way
O&M	Operation & Maintenance	SARO	Special Allotment Release Order
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
PD	Presidential Decree		

# EXECUTIVE SUMMARY

## EXECUTIVE SUMMARY

NIA pursued the implementation of 142 infrastructure projects for CY2019. Of the total number, 37 projects are in Luzon, 30 in Visayas, and 18 in Mindanao and 57 in selected provinces nationwide. Other activities for the year were planning and development of irrigation projects, repair, rehabilitation and restoration projects of national and communal irrigation systems, organization and development of irrigators associations (IAs), implementation and monitoring of Irrigation Management Transfer (IMT), and execution and monitoring of climate change adaptation works.

The CY2019 program included the: generation of 31,300 hectares; restoration of 4,730 hectares; repair & rehabilitation works of 260 km earth canal, 1,428 km concrete lined canal, 321 km high density polyethylene (HDPE) pipe, 166,571 sq. m. of coconet slope protection area, 65 km concrete roads, 166 km gravel roads and 5,692 unit of canal structures.

The agency accomplished 33,407 hectares new area generation, and 9,954 hectares area restoration. Repair works dwelt on 412.66 km of earth canals, 1,543.96 km of canal lining, 192.37 km of high-density polyethylene (HDPE) pipe, 200,900 sq. m. of coconet slope protection area, 50.95 km concrete roads, 306.74 km gravel roads and 6,092 unit of canal structures. These included accomplishments under the CY2019 Program and carry-over projects from (2015-2018).

Some 21,671 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 ₱ 38.748 B: ₱ 36.046 B from approved budget for CY2019 and ₱ 2.702 B from previous year's unobligated balance and from other sources. Total available allotment for the year

was ₱ 39.890 B with notice of cash allocation (NCA) received of ₱ 30.621 B. Obligations incurred reached ₱ 34.767 B.

All SARO due for 2019 GAA in the amount of Php 36.046 M were released to NIA. Initial NCA released was 15% for mobilization and the remaining funds followed the “For Later Release Scheme” of DBM.

As of Dec . 31, 2019, around Php 15.344 M SARO unfunded.

NIA operated and maintained 242 NISs with an aggregate service area of 868,146 hectares and a firm-up service area (FUSA) of 775,293 hectares at the beginning of the year. The irrigation-programmed service area for this crop year is 1,323,634 hectares. Irrigated area was 675,498 hectares during the dry season 2018 (November 2018 to April 2019), 692,635 hectares during the wet season 2019 (May 2019 to October 2019), and 31,248 hectares for the third crop 2019 – equivalent to a total of 1,399,381 hectares (106% of the irrigation-programmed service area). Cropping intensity achieved was 161.19 percent based on the service area or 180.50 percent based on the FUSA.

There are 9,060 Communal Irrigation Systems (CISs) at the beginning of the year with an aggregate service area of 677,566 hectares and a FUSA of 600,000 ha. In Crop Year 2018-2019, total irrigated area in the CISs was 873,236 ha—equivalent to a cropping intensity of 128.88 percent based on service area or 145.54 percent based on FUSA.

As of December 31, 2019, the total service area developed was 1,971,746 hectares (63.02%) compared with the CY 2018 service area of 1,920,563 (61.39) of the irrigable area of 3,128,631 hectares. The service area is distributed as follows: 914,319 hectares are under NIS, 709,083 hectares in CIS and 177,733 hectares in private irrigation systems and 170,610 hectares in other government agency assisted.

The remaining irrigable area for development is 1,156,885 hectares, which comprises those rice and corn lands with up to 3 percent field slope.

**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 CY2019, the total budgetary allocation of ₱ 422.82 Million programmed to support project preparation particularly the conduct of feasibility study and detailed engineering study for Small Irrigation Projects (SIPs), Small Reservoir Irrigation Projects (SRIPs), and National Irrigation Projects (NIPs)– Multipurpose Projects and Pump Irrigation Projects.

There are 45 projects completed for feasibility study and 39 projects for detailed engineering design as of December 31, 2019. Most ongoing FS&DE are SRIPs and NIPs that require more than a year to complete the studies. (Annex E).

#### **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) Malitbog-Maridagao Irrigation Project, Phase II; (3) Ilocos Sur Transbasin Project; (4) Ilocos Norte-Ilocos Sur-Abra 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 CY2019 Irrigation Program as per RA 11260, NIA implemented 3 continuing FAPs. These are the (1) Jalaur River Multipurpose Project Stage II in Iloilo, and (2) National Irrigation Sector Rehabilitation and Improvement Project (covering Regions 1, 3, 4-A, 4-B, 6, 10, 11, 12 and 13 and (3) Chico River Pump Irrigation Project.

##### **1. Jalaur River Multipurpose Project Stage II (JRMP-II)**

2019 had been a remarkable year for Jalaur River Multi-Purpose Project Stage II (JRMP II). The envisioned project implementation began with a groundbreaking and capsule-laying ceremony on February 27, 2019.

With the preparatory activities already under way, actual construction kicked off on April 10, 2019. Temporary facilities yard of Daewoo Engineering and Construction (Daewoo E&C), the international contractor, was completed in June of the same year. All hands are then focused on the implementation of temporary and permanent construction works. Roads to and from the construction sites were established providing temporary and permanent access to the project implementers.

On top of the road network, Daewoo E&C also completed the 300-meter tunnel for the Jalaur High Dam. A temporary river diversion, the tunnel will ensure that the location of the high dam will be workable while water continues to flow downstream of the Jalaur River. Capping the three-month long construction of the tunnel was a blessing ceremony on August 28, 2019. And,

not long after the first tunnel was completed, another river diversion tunnel, this time for the Afterbay Dam, is under way. The second tunnel will stretch for 140 meters.

Moreover, works for the 10-meter Alibunan River Catch Dam in Barangay Toyungan, still in Calinog town, are also unfolding. Envisioned to provide irrigation water to an estimated 500 hectares of farmlots by early 2020, the catch dam will be the first among the three dams to be completed.

Construction of the 80-kilometer Highline canal which will serve as the conveyance canal is also under way.

As of December 2019, overall physical accomplishment of the project was at 32.90 percent which is ahead of the 23.17 percent target.

On the other hand, JRMP II continues to comply with the requirements of the Economic Development Cooperation Fund (EDCF) through its Environmental and Social Monitoring Team (ES Team). For 2019, the ES Team completed four quarter missions to the Philippines.

Once completed, this 11.212 billion project, a tied-loan with the Economic Development Cooperation Fund (EDCF) of South Korea, will support the unprecedented economic growth of the province and the city. A rice self-sufficient and economically progressive Iloilo is no longer a dream but a reality.

## **2. 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 Firm-Up Service Area (FUSA) of 35,670 has. With an original project cost of PHP 4.007Billion and implementation period from 2012 to 2019, co-implemented by the NIA for civil works and institutional development component and PhilRice for the Agri-support component.

For CY 2019, NISRIP's request for 1. Extension of loan validity from the original closing date of July 3, 2019 to July 3, 2021; 2. Implementation from February 2012 - June 30, 2019 to February 2012 - June 30, 2021; 3. Reduction in scope from the total firm-up service area (FUSA) of 35,670 hectares, and non-pursuit of the proposed additional scope of civil works; and 4. Change in the total project cost from Php4,007.14 million to Php3,134.45 million, with reallocation of funds to the Unavailable Balance category amounting to JPY586.50 million

This was approved by the NEDA Board ad referendum on July 1, 2019 of the Investment Coordination Committee – Cabinet Committee's (ICC-CC). The extension of the project showed a remarkable recovery despite of the construction problems encountered from the past years of implementation. The

## **PLANNING AND DEVELOPMENT OF IRRIGATION PROJECTS**

project finished 2019 with an accomplishment of 70.53% compared with the CY 2018 accomplishment of 66.40% (see Table 1).

### **Overall Accomplishment (as of December 31, 2019)**

COMPONENTS	Approved Program of Work (PhP'000)	Proposed Revised Project Cost (PhP'000)	Physical Accomplishment	Financial Accomplishment
CIVIL WORKS	2,501,720.00	1,853,633.26	70.97%	48.22%
IDP	93,480.00	159,578.37	62.42%	53.73%
AGRI SUPPORT (PHILRICE)	161,810.00	95,711.63	93.86%	93.86%
O&M	291,660.00	276,392.29	82.65%	80.20%
CONSULTANCY	373,330.00	361,500.36	85.46%	81.60%
TAXES	220,860.00	239,148.45	69.87%	48.93%
CONTINGENCY	364,280.00	148,485.63	8.54%	0.00%
Total	4,007,140.00	3,134,450.00	70.53%	53.82%

*Table (1). Overall accomplishment as of December 31, 2019*

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

On the financial aspect, the project has accomplished only 53.82%. The PMO has on the other hand has conducted Assessment and sent reminder letters to contractors to submit progress billings.

### **3. Chico River Pump Irrigation Project (CRPIP)**

Now on its 3<sup>rd</sup> year of implementation, the project had attained an overall physical accomplishment of 24.55% as of December 2019.

ICC-CC and NEDA Board Approved and confirmed ad referendum on 17 November 2017 and 05 December 2017, respectively, Loan agreement with CEXIM signed April 10, 2018.

Fund allocation in CY 2018 completed amounting to Php670.308 million intended for the construction of project facilities, 4.053 km access road to pump house, 22 units drainage structures, contractor's temporary facilities, pump house excavation and canalization works.

For CY 2019 Program, total requirement amounting to Php1,704 million. However, only P852 million was approved by DBM with proper information and representation with 118.50% physical accomplishment. Physical accomplishment for CY 2019 Program is more than 100% due to the advance accomplishment of civil works and ROW acquisition, plant & property damages.

Notice to proceed for Contract No. CRPIP-ICB-C-1 was issued on September 7, 2018 with target completion on September 6, 2021. Construction at inlet portal of Tunnel 2 and Pumphouse started December 2018 while Outlet Portal of Tunnel 3 started January 2019 with Physical Accomplishment of 39.52%. Three (3) Local Minor Contracts for the construction access roads and structures and project facilities completed and one (1) package temporarily suspended since August 2019 due to unfavorable weather condition resulting to flooding of the construction site.

**B. Locally-Funded Projects (LFPs)**

Some 59 LFPs were implemented under the CY2019 Program. Total approved allocation for these projects was ₱ 35.094 B—equivalent to 97.36 percent of the approved budget for NIA. Allotment through Agency Budget Matrix (ABM) was ₱ 35.094 B or 100 percent of the allocation. Adding the ₱ 1.389 B unobligated balance from previous year's allotment, this year's available allotment was ₱ 36.481 B and total obligation incurred was ₱ 32.513 B.

Physical targets of these projects under the CY2019 Program were: generation of 31,300 ha of new area, restoration of 4,730 ha, repair of 259.91 km earth canal, 1,428.02 km concrete lined canal, 130.52 km HDPE, 166,571 sq. m. coconet slope protection area, 65.02 km concrete road, 166.07 km gravel road and 5,692 unit of canal structures.

Physical accomplishments under the CY2019 Program were: 11,277 ha new area generated, 2,424 ha of area restored and repair of 145.56 km earth canal, 767.65 km of canal lining, 117.46 km HDPE, 90,501 sq. m. coconet slope protection area, 37.34 km concrete road, 153.62 km gravel road and 1,951 unit of canal structures. Carry-over projects generated 2,827 ha new area, restore 176 ha and repair 7.87 km earth canal, 57.96 km of canal lining, 3.47 km concrete road, 2.31 km gravel road and 154 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.

## PLANNING AND DEVELOPMENT OF IRRIGATION PROJECTS

Other benefits derived from completed SRIPs include flood control, aquaculture, hydropower, domestic water supply and recreational facilities for local tourism.

For CY2019, an amount of ₱ 1.113 B is allotted to SRIP for the implementation of nineteen (19) projects nationwide as follows.

NAME OF PROJECT		CY2018 ALLOCATION (P'M)	Overall Status (%)
1	Marimay SRIP, CAR	23.500	72.59
2	Barbar SRIP, Region 1	20.210	89.91
3	Bayaoas SRIP, Region 1	20.000	3.41
4	Dumuloc SRIP, Region 1	20.000	2.63
5	Gaco SRIP, Region 1	135.000	1.83
6	Sulvec SRIP, Reg. 1	50.000	40.76
7	Bulo SRIP, Region 3	50.000	36.27
8	Balbalungao SRIP, Region 3 UPRIIS	160.000	17.77
9	Upper Tabuating SRIP, Region 3 UPRIIS	20.000	92.44
10	Macalelon SRIP, Region 4A	100.000	30.62
11	Ibingan SRIP, Region 5	10.000	45.32
12	Bayuyan SRIP, Region 6	80.000	25.99
13	Cabano SRIP, Region 6	20.000	4.16
14	Benliw SRIP, Region 7	67.355	90.50
15	Bonot-Bonot SRIP, Region 7	100.000	59.77
16	Calunasan SRIP, Region 7	50.000	21.75
17	Hibale SRIP, Region 7	50.000	6.35
18	Hibulangan SRIP, Region 8	87.413	91.36
19	Tulunan SRIP, Region 12	50.000	0.78
<b>TOTAL</b>		<b>1,113.478</b>	

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

There are fifty-seven (57) projects implemented this CY2019, with a target area of 1,228 ha new area and 448 ha for restoration to benefit around 48 farmer beneficiaries. There were twenty-two (22) projects completed with generated new area of 192 ha and 233 ha of restored area. Repair works dwelt on 0.62 km of earth canal, 29.78 km of canal lining, 5.78 km of HDPE pipes and 134 unit of canal structures. The remaining nineteen (25) projects are expected for completion on or before June 30, 2020.

Eighteen (18) carry-over projects were completed as of December 31, 2019 with an area of 476 ha new, 145 ha restored.

For CY2019, the approved allocation was ₱ 528.549 M, with incurred obligation of ₱ 524.756 M and unobligated balance of ₱ 3.793 M.

**C. Continuing Appropriations**

Other than the projects implemented under the CY2019 Program, 81 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 19,303 ha new area, restore 7,354 ha and repair 259.24 km earth canal, 718.35 km of canal lining, 110,399 sq. m. coconet slope protection area, 74.91 km HDPE, 10.14 km concrete road, 150.81 km gravel road and 3,987 unit of canal structures. (Table 1)

### **III. Irrigation Development**

The total service area developed as of December 31, 2019 was 1,971,746 ha equivalent to 63.02 percent of the irrigable area of 3,128,631 ha. Of this area, 914,319 ha are under NIS, 709,083 ha in CIS and 177,733 ha in private irrigation systems and 170,610 in other government agency assisted. The remaining irrigable area for development is 1,156,885 ha, which comprises those rice and corn lands with up to 3 percent slope. (Annex F)

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

### **I. System Management**

#### **a. National Irrigation Systems (NISs)**

NIA operated and maintained 242 National Irrigation Systems (NISs) nationwide with an aggregate service area of 868,146 ha and a firm-up service area (FUSA) of 775,293 ha.

For this crop year the irrigation-programmed service area is 1,323,634 ha. Irrigated area was 675,498 ha during the dry season 2018 (November 2018 to April 2019), 692,635 ha during the wet season 2019 (May 2019 to October 2019), and 31,248 ha for the third crop 2019 – equivalent to a total of 1,399,382 ha (106% of the irrigation-programmed service area). Cropping intensity achieved was 161.19 percent based on the service area or 180.50 percent based on the FUSA (Annex G).

#### **b. Communal Irrigation Systems (CISs)**

There are 9,060 communal irrigation systems (CISs) at the beginning of the year with an aggregate service area of 677,566 ha and a FUSA of 600,000 ha. In Crop Year 2018-2019, total irrigated area in the CISs was 873,236 ha—equivalent to a cropping intensity of 128.88 based on service area or 145.54 percent based on FUSA (Annex H).

### **II. Institutional Development**

For CY2019, there are 2,468 IAs covering an area of 144,958 hectares with farmer beneficiaries of 335,102 strengthened. IA strengthening is being done to uplift the performance of IAs. Necessary capability building programs in relation to operation and maintenance aspect of irrigation system as well as leadership and management of IAs

## **OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS**

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affair were conducted. Likewise, these IAs were provided skills by having them attend a strategic planning and policy formulation where IA officers and leaders prepare their Vision, Mission and Objective, programs and projects and formulate some policy in consonance with their VMO and projects.

The number of IAs sustained was 2,679 covering an area of 684,818 ha with 507,090 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 7,547 IAs and 240,208 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.

Furthermore, 1,390 batches of capacity building programs were conducted, benefiting 33,959 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-

## **OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS**

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government organizations (NGO). Hence, 4,751 IAs with 89,910 FBs received numerous benefits from these programs and services.

As of December 31, 2019, there are already 9,704 IAs organized covering an area of 1,463,390 hectares with 1,187,167 farmer beneficiaries wherein 1,041,018 of these farmer applied for membership to their respective IAs either in the national or in communal system. Out of the 9,704 organized IAs, 9,220 were registered to the government which is about 95.01%. There are 7,721 IAs entered into O&M contract with the NIA wherein 2,842 are from NIS and 179 from NIP/SIS/SRIS. Presently 5,182 CIS had been turnover to organized farmers of the same number covering an area of 468,451 hectares with farmer beneficiaries of 394,290. (See Annex I)

### **III. Equipment Management**

NIA maintained in operating condition 3,383 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 600 units and the total number of equipment recommended for disposal is 1,346 units. The overall total inventory of equipment as of December 31, 2018 was 5,329 units (See Annex J).

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

NIA have generated an income amounting to ₱ 237.13 M from the equipment rental for CY2019.

## **OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS**

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For CY2019, NIA have repaired a total of 182 units of O&M Equipment with repair expenses amounting to ₱ 54.351 M from the Equipment Repair Fund per MC No. 50 series of 2012.

### **IV. Irrigation Engineering Center (IEC)**

The Irrigation Engineering Center (IEC) activities in CY 2019 include implementation of the Farmland Geographic Information System (FGIS) in National Irrigation Systems, conduct of technical trainings, formulation of procedural interventions, technology enhancement, evaluation of Certificate of Irrigation and Non-Irrigation Coverage (CIC/CNIC) and processing of reactivation of the IEC Soils and Water Laboratory intended for research purposes, water quality monitoring and materials testing.

The Establishment of Farmland Geographic Information System (FGIS) Project is a replication of activities of NIA-JICA Technical Cooperation Project 3 (TCP-3) which involves upgrading of existing parcellary maps of NIA. Thru this Project, the GIS Database was enhanced which now includes an ISF Record, Water Apportioning Water Delivery and Distribution (WDD), Asset Management, Devastation / Disaster Assessment, Hazard Map and Project Monitoring. With IEC as its implementing unit, the Project has been implemented to 62 NISs nationwide which covers 126,006.85 hectares and with an allocation of P125.528 Million. As of 31 December 2019, the overall physical and financial accomplishment for the Project is 91.71% and 77.05% respectively.

Four (4) technical courses enhancing the competencies of NIA staff, both in the Central and Field Offices, particularly on mechanics and requirements on Materials

## **OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS**

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Testing, Sedimentation Management and Farmland Geographic Information System were conducted in CY 2019.

Methodology-enhancing directives were circularized thru IEC as part of its function to formulate and update policy directions and guidelines for improved operations and maintenance and in project implementation and design:

- a. Memorandum No. 63 s. 2019 “**Adoption of Diversified Cropping in National / Communal Irrigation Systems**” – Adoption of Crop Diversification was promoted as an intervention to address the effects of Climate Change with recommendations on factors in crop selection and applicable crops vis-a-vis period of growth/maturity per climate type.
- b. Memorandum No. 117 s. 2019 “**Calibration of Laboratory Apparatus and Surveying Instruments**” – a measure to ensure laboratory testing apparatus and surveying instruments produce precise and accurate reading / data.

For the technology enhancement, the Dam Information Management System (DIMS) Project was conceptualized to enhance the existing dam monitoring introducing a circulated real-time monitoring of data (rainfall, water level data, gate openings, warning announcements, strong motion seismic data, deformation inputs) wherein all data gathered from dam instrumentations will be consolidated and will be integrated into one common graphic interface.

Lastly, in support to the reactivation of the IEC Soils and Water Laboratory for the conduct of IEC research activities including soil and water analysis, various laboratory equipment were already delivered and installed. Multiparameter equipment as shown in Figure 12 will allow determination of certain parameters for the determination of water quality such as the pH, electrical conductivity, total

## **OPERATIONS AND MAINTENANCE OF IRRIGATION SYSTEMS**

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dissolved solids, dissolved oxygen and salinity. Other equipment are intended for sample preparation, pesticide, oil content and heavy metals analysis. Processing of requirements for the licenses / permits is on-going. Equipment for the Materials Testing Laboratory will be procured during the 1st quarter of CY 2020.

# ANNEXES

Table 1

**SUMMARY OF PHYSICAL STATUS OF IRRIGATION PROJECTS**  
**CY 2019 IRRIGATION PROGRAM**  
**As of December 31, 2019**

CATEGORY	Overall Area (ha)	CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	
		CY 2019 Program	Carryover Program				Total CY 2019	CY 2019	Carryover Accomplishment				Total CY 2019		
			CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
I. CY 2019 PROGRAM															
TOTAL FOR GENERAL ADMINISTRATION AND SUPPORT	Resto (ha)	-	-	-	-	-	-	94.00	-	-	-	-	94.00	94.00	
	Earth Canal (km)	198.35	-	-	-	-	198.35	116.51	-	-	-	-	116.51	116.51	
	Canal Lining (km)	847.02	-	-	-	-	847.02	388.24	-	-	-	-	388.24	388.24	
	HDPE (km)	18.68	-	-	-	-	18.68	10.86	-	-	-	-	10.86	10.86	
	Canal Structures (Unit)	2,282	-	-	-	-	2,282	947	-	-	-	-	947	947	
	Gravel Road (km)	-	-	-	-	-	-	32.43	-	-	-	-	32.43	32.43	
TOTAL FOR OPERATIONS	New (ha)	152,068	31,300	1,335	1,895	1,780	380	36,690	11,277	2,115	450	203	59	14,104	26,594
	Resto (ha)	15,551	4,730	63	-	180	-	4,973	2,330	150	26	-	-	2,506	2,986
	Earth Canal (km)	-	61.56	-	-	-	-	61.56	29.05	-	6.06	-	1.81	36.91	133.44
	Canal Lining (km)	7.66	581.00	18.12	5.52	-	-	604.63	379.41	29.96	20.76	6.35	0.89	437.37	547.00
	HDPE (km)	-	301.84	-	-	-	-	301.84	106.60	-	-	-	-	106.60	106.60
	Canal Structures (Unit)	46	3,410	52	-	32	-	3,494	1,004	57	96	-	1	1,158	1,339
	COCONET (sqm)	-	166,571	-	-	-	-	166,571	90,501	-	-	-	-	90,501	96,346
	Concrete Road (km)	-	65.02	-	-	-	-	65.02	37.34	1.14	-	2.33	-	40.81	43.30
	Gravel Road (km)	-	166.07	-	-	-	-	166.07	121.19	2.31	-	-	-	123.50	123.50
TOTAL FOR CY 2019 IRRIGATION PROGRAM	New (ha)	152,068	31,300	1,335	1,895	1,780	380	36,690	11,277	2,115	450	203	59	14,104	26,594
	Resto (ha)	15,551	4,730	63	-	180	-	4,973	2,424	150	26	-	-	2,600	3,080
	Earth Canal (km)	-	259.91	-	-	-	-	259.91	145.56	-	6.06	-	1.81	153.42	249.95
	Canal Lining (km)	7.66	1,428.02	18.12	5.52	-	-	1,451.65	767.65	29.96	20.76	6.35	0.89	825.61	935.24
	HDPE (km)	-	320.52	-	-	-	-	320.52	117.46	-	-	-	-	117.46	117.46
	Canal Structures (Unit)	46	5,692	52	-	32	-	5,776	1,951	57	96	-	1	2,105	2,286
	COCONET (sq. m.)	-	166,571	-	-	-	-	166,571	90,501	-	-	-	-	90,501	96,346
	Concrete Road (km.)	-	65.02	-	-	-	-	65.02	37.34	1.14	-	2.33	-	40.81	43.30
	Gravel Road (km)	-	166.07	-	-	-	-	166.07	153.62	2.31	-	-	-	155.93	155.93
II. CONTINUING APPROPRIATIONS	New (ha)	97,032	-	14,940	7,580	3,824	3,765	30,109	-	11,171	3,090	1,462	3,580	19,303	98,549
	Resto (ha)	14,134	-	3,669	180	4,576	1,169	9,594	-	3,905	2,361	884	204	7,354	67,367
	Earth Canal (km)	18.00	-	102.34	-	-	3.08	105.42	-	183.78	66.46	-	9.00	259.24	1,960.18
	Canal Lining (km)	100.23	-	181.70	0.35	51.81	125.91	359.78	-	409.45	148.75	82.26	78.23	718.35	5,597.35
	HDPE (km)	-	-	45.02	-	4.91	-	49.93	-	71.64	2.09	1.18	-	74.91	488.55
	Canal Structures (Unit)	256	-	1,219	278	114	22	1,633	-	2,420	558	111	900	3,987	18,326
	COCONET (sqm)	-	-	59,610	-	-	-	59,610	-	110,399	-	-	-	110,399	498,179
	Concrete Road (km)	-	-	2.72	1.35	-	-	4.07	-	9.02	1.12	-	-	10.14	103.79
	Gravel Road (km)	2.46	-	109.48	-	-	-	109.48	-	128.04	18.71	4.06	-	150.81	428.59
TOTAL FOR NIA IRRIGATION DEVELOPMENT PROGRAM	New (ha)	249,100	31,300	16,275	9,475	5,604	4,145	66,799	11,277	13,286	3,540	1,665	3,639	33,407	125,143
	Resto (ha)	29,685	4,730	3,732	180	4,756	1,169	14,567	2,424	4,055	2,387	884	204	9,954	70,447
	Earth Canal (km)	18.00	259.91	102.34	-	-	3.08	365.32	145.56	183.78	72.52	-	10.81	412.66	2,210.12
	Canal Lining (km)	107.89	1,428.02	199.82	5.87	51.81	125.91	1,811.43	767.65	439.42	169.51	88.61	79.11	1,543.96	6,532.59
	HDPE (km)	-	320.52	45.02	-	4.91	-	370.45	117.46	71.64	2.09	1.18	-	192.37	606.01
	Canal Structures (Unit)	302	5,692	1,271	278	146	22	7,409	1,951	2,477	654	111	901	6,092	20,612
	COCONET (sqm)	-	166,571	59,610	-	-	-	226,181	90,501	110,399	-	-	-	200,900	594,525
	Concrete Road (km)	-	65.02	2.72	1.35	-	-	69.09	37.34	10.16	1.12	2.33	-	50.95	147.09
	Gravel Road (km)	2.46	166.07	109.48	-	-	-	275.55	153.62	130.35	18.71	4.06	-	306.74	584.52



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Table 2

**SUMMARY OF FINANCIAL STATUS OF IRRIGATION PROJECTS**  
**FY 2019 IRRIGATION PROGRAM (R.A. 11260)**  
**January 1 - December 31, 2019**  
**(All Amount in Thousand Pesos)**

PARTICULARS	CY 2019 IRRIGATION PROGRAM				CARRY-OVER FUNDS				REGULAR CY 2019 PROGRAM & CARRY-OVER FUNDS			
	CY 2019 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2018	Allotment Received	NCA Received	Obligation	Total CY 2019 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)
<b>PROGRAMS</b>												
TOTAL GENERAL ADMINISTRATION AND SUPPORT	17,901,612	17,901,612	12,608,792	16,550,773	344,080	-	-	276,940	18,245,692	18,245,692	12,608,792	16,827,713
TOTAL SUPPORT TO OPERATIONS	767,167	767,167	376,116	272,341	678,298	-	153,145	418,803	1,445,465	1,445,465	529,262	691,144
<b>OPERATIONS</b>												
PROGRAM 1: Irrigation Systems Restoration Program	3,018,990	3,018,990	1,488,150	2,856,610	40	-	3,724	(76)	3,019,030	3,019,030	1,491,874	2,856,534
PROGRAM 2: Irrigation Systems Development Program	14,358,443	14,358,443	6,228,691	12,677,647	888,853	-	1,030,129	848,575	15,247,296	15,247,296	7,258,820	13,526,222
<b>TOTAL FOR OPERATIONS</b>	17,377,433	17,377,433	7,716,842	15,534,257	888,893	-	1,033,853	848,499	18,266,326	18,266,326	8,750,694	16,382,756
<b>OTHER SOURCES</b>	-	1,142,143	320,516	434,173	-	-	-	-	-	1,142,143	320,516	434,173
<b>TOTAL FOR CY 2019 PROGRAM</b>	<b>36,046,212</b>	<b>37,188,355</b>	<b>21,022,266</b>	<b>32,791,544</b>	<b>1,911,271</b>	<b>-</b>	<b>1,186,998</b>	<b>1,544,242</b>	<b>37,957,483</b>	<b>39,099,626</b>	<b>22,209,265</b>	<b>34,335,786</b>
<b>II. CONTINUING APPROPRIATIONS</b>												
TOTAL FOR CONTINUING APPROPRIATIONS	-	-	-	-	790,569	-	8,411,870	431,559	790,569	790,569	8,411,870	431,559
<b>GRAND TOTAL FOR CY 2019 IRRIGATION PROGRAM</b>	<b>36,046,212</b>	<b>37,188,355</b>	<b>21,022,266</b>	<b>32,791,544</b>	<b>2,701,840</b>	<b>-</b>	<b>9,598,868</b>	<b>1,975,800</b>	<b>38,748,052</b>	<b>39,890,195</b>	<b>30,621,135</b>	<b>34,767,345</b>

NOTE:

CARRY-OVER FUNDS includes balances from CY 2018 Regular Appropriations  
 Unaudited Financial Status as of December 31, 2019



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**FY 2019 IRRIGATION PROGRAM GAA (R.A. No. 11260)**

PARTICULARS	Allocation (P'000)	T A R G E T S										
		New Area (Ha)	Restore Area (Ha)	Repair & Rehabilitation Works							Farmer Beneficiarie s (No)	Jobs Generation (No)
				Earth Canal (Km)	Concrete Lined Canal (Km)	Canal Structures (No)	HDPE Pipe (Km)	Coconet (Sqm)	Concrete Roads (Km)	Gravel Roads (Km)		
GENERAL ADMINISTRATION AND SUPPORT												
1. Operating Subsidy	4,714,977											
2. Agri-Agra NDC Loan repayment	1,498,870											
3. Payment of NIA's Obligation to CE-Casecnan for Water	3,347,637											
4. Repair, Operation and Maintenance of NIS Pump IS	249,266											
5. Repair and Maintenance of Irrigation Systems	7,794,106			188	838	2,269	18					46,770
6. Repair of Groundwater Pump Irrigation Systems	301,756			2	3	13	2					1,810
TOTAL GENERAL ADMINISTRATION AND SUPPORT	17,906,612	-	-	189	841	2,282	20	-	-	-	-	48,580
SUPPORT TO OPERATIONS												
1. Payment for ROW, Completion Works & Unpaid Claims and	200,483											
2. Heavy Equipment Procurement for Irrigation Systems	32,500											
3. Feasibility Study, Detailed Eng'g. & Pre-Eng'g. Activities (FSDE)	421,882											
4. Irrigation Management Transfer Support Services (IMTSS)	112,302											
TOTAL SUPPORT TO OPERATIONS	767,167	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS												
PROGRAM 1: Irrigation Systems Restoration Program	3,013,990	1,230	4,188	24	144	772	17	166,571	65	118	3,610	18,090
Sub-Program 1: Existing National Irrigation Systems (NIS)	1,778,022		1,320	19	41	158		166,571	62	88	880	10,670
Sub-Program 2: Existing Communal Irrigation Systems (CIS)	688,385		2,176	2	48	212	5	-	3	31	1,450	4,130
Sub-Program 3: Other Irrigation Systems	547,583	1,230	692	3	55	402	12	-	-	-	1,280	3,290
PROGRAM 2: Irrigation Systems Development Program	14,358,443	30,037	542	37	438	2,638	286	-	-	48	20,390	86,170
Sub-Program 1: New National Irrigation Systems	4,192,493	4,957	379	-	16	295	-	-	-	15	3,560	25,150
Sub-Program 2: Establishment of Pump Irrigation Systems	2,382,254	7,247	30	-	7	102	46	-	-	2	4,850	14,300
Sub-Program 3: Small Reservoir Irrigation Systems	1,113,478	585	-	-	4	45	-	-	-	6	390	6,680
Sub-Program 4: Special Irrigation Systems	3,971,883	10,697	53	7	233	1,527	156			13	7,170	23,850
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems	2,698,335	6,551	80	30	178	669	84			12	4,420	16,190
TOTAL FOR OPERATIONS	17,372,433	31,267	4,730	61	582	3,410	303	166,571	65	166	24,000	104,260
GRAND TOTAL	36,046,212	31,267	4,730	251	1,422	5,692	324	166,571	65	166	24,000	152,840

Approved FY 2019 IRRIGATION PROGRAM GAA (R.A. No. 11260)

**PHYSICAL STATUS OF IRRIGATION PROJECTS**  
**CY 2019 IRRIGATION PROGRAM**  
**As of December 31, 2019**

As of December 31, 2019																
CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
I. CY 2019 PROGRAM																
GENERAL ADMINISTRATION AND SUPPORT 1. Operation Subsidy 2. Agri-Agra NDC Loan repayment 3. Payment of NIA's Obligation to CE-Casecnar for Water delivery 4. Operation and Maintenance of NIS Pump IS 5. Repair and Maintenance of Irrigation Systems																21.65
	New (ha)							-						-		
	Resto (ha)							84						84	84	
	Earth Canal (km)	196.67					196.67	116.51					116.51	116.51		
	Canal Lining (km)	843.78					843.78	385.07					385.07	385.07		
	HDPE (km)	18.14					18.14	10.31					10.31	10.31		
	Canal Structures (Unit)	2,269					2,269	945					945	945		
	Gravel Road (km)							32.43					32.43	32.43		
a. Communal Irrigation Systems	New (ha)							84					-	-	60.16	
	Resto (ha)							36.88					84	84		
	Earth Canal (km)	36.35					36.35	36.88					36.88	36.88		
	Canal Lining (km)	462.05					462.05	234.17					234.17	234.17		
	HDPE (km)	17.06					17.06	10.31					10.31	10.31		
	Canal Structures (Unit)	1,736					1,736	761					761	761		
b. National Irrigation Systems	Gravel Road (km)							3.20					3.20	3.20	56.58	
	Earth Canal (km)	160.32					160.32	79.63					79.63	79.63		
	Canal Lining (km)	381.72					381.72	150.90					150.90	150.90		
	HDPE (km)	1.08					1.08	-					-	-		
	Canal Structures (Unit)	533					533	184					184	184		
	Gravel Road (km)							29.23					29.23	29.23		
6. Repair of Groundwater Pump Irrigation Systems	Resto (ha)							10					10	10	78.20	
	Earth Canal (km)	1.67					1.67	-					-	-		
	Canal Lining (km)	3.24					3.24	3.17					3.17	3.17		
	HDPE (km)	0.54					0.54	0.54					0.54	0.54		
	Canal Structures (Unit)	13					13	2					2	2		
TOTAL for GENERAL ADMINISTRATION AND SUPPORT	New (ha)							-					-	-		
	Resto (ha)							94					94	94		
	Earth Canal (km)	198.35	-	-	-	-	198.35	116.51	-	-	-	-	116.51	116.51		
	Canal Lining (km)	847.02	-	-	-	-	847.02	388.24	-	-	-	-	388.24	388.24		
	HDPE (km)	18.68	-	-	-	-	18.68	10.86	-	-	-	-	10.86	10.86		
	Canal Structures (Unit)	2,282	-	-	-	-	2,282	947	-	-	-	-	947	947		
	Gravel Road (km)							32.43					32.43	32.43		
SUPPORT TO OPERATIONS																
1. Payment for ROW, Completion Works & Unpaid Claims and Damages of Completed Projects																
2. Heavy Equipment Procurement for Irrigation Systems																
3. Feasibility Study & Detailed Engineering (FSDE) and Pre-Engineering Activities of Various Projects																
4. Irrigation Management Transfer Support Services (IMTSS)																
16.22																
33.24																
OPERATIONS																
PROGRAM 1: Irrigation Systems Restoration Program																
Sub-Program 1: National Irrigation Systems																
1. Agos RIS Improvement Project Quezon, Region 4A	Canal Lining (km)		15.49				15.49						-	-	26.09	
	Canal Structures (Unit)		3				3						-	-		
	Gravel Road (km)		2.94				2.94						-	-		
2. Lasang RIS Improvement Project Davao del Norte, Region 11	Resto (ha)	4,800		63			63		54	2.48			54	234	40.85	
	Canal Lining (km)			5.52			5.52						2.48	8.46		
	Canal Structures (Unit)				1		1						-	-		

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
3. Restoration of National Irrigation Systems Nationwide	Resto (ha)	Annual Program	1,320					1,320	706					706	706	65.12
	Earth Canal (km)		19.22					19.22	9.22					9.22	9.22	
	Canal Lining (km)		22.47					22.47	5.94					5.94	5.94	
	Canal Structures (Unit)		46					46	11					11	11	
4. Climate Change Adaptation Works NIS Nationwide	Earth Canal (km)	Annual Program							0.40					0.40	0.40	81.76
	Canal Lining (km)		2.67					2.67	1.49					1.49	1.49	
	Canal Structures (Unit)		109					109	34					34	34	
5. Coconet Slope Protection in National IS	COCONET (sq. m.)	Annual Program	166,571					166,571	90,501					90,501	90,501	67.96
Canal Lining (km)								2.06					2.06	2.06		
6. Improvement of Service Roads in National IS	Concrete Roads (km.)	Annual Program	61.65					61.65	35.31					35.31	35.31	83.89
	Gravel Road (km)		84.71					84.71	63.23					63.23	63.23	
	Canal Lining (km)								0.01					0.01	0.01	
	Canal Structures (Unit)								2					2	2	
Sub-Program 2: Communal Irrigation Systems																
7. Restoration of Communal Irrigation Systems Nationwide	New (ha)	Annual Program							36					36	36	62.63
	Resto (ha)							2,176	813					813	813	
	Earth Canal (km)		1.65					1.65	0.27					0.27	0.27	
	Canal Lining (km)		41.36					41.36	24.15					24.15	24.15	
	HDPE (km)		4.90					4.90	4.19					4.19	4.19	
	Canal Structures (Unit)		132					132	76					76	76	
8. Climate Change Adaptation Works CIS Nationwide	Canal Lining (km)	Annual Program	6.46					6.46	5.70					5.70	5.70	87.00
	HDPE (km)		0.10					0.10	0.10					0.10	0.10	
	Canal Structures (Unit)		80					80	55					55	55	
9. Improvement of Service Roads in CIS Nationwide	Concrete Roads (km.)	Annual Program	3.37					3.37	2.03					2.03	2.03	60.76
Gravel Road (km)	30.58						30.58	5.33					5.33	5.33		
Sub-Program 3: Other Irrigation Systems																
10. Restoration of Groundwater Pump IS	Resto (ha)	Annual Program	244					244	216					216	216	83.95
11. Comprehensive Agrarian Reform Program-IC Nationwide	New (ha)	Annual Program	1,228					1,228	317					317	317	78.33
	Resto (ha)		448					448	266					266	266	
	Earth Canal (km)		3.15					3.15	0.62					0.62	0.62	
	Canal Lining (km)		55.18					55.18	29.78					29.78	29.78	
	HDPE (km)		12.34					12.34	5.78					5.78	5.78	
	Canal Structures (Unit)		402					402	134					134	134	
	Gravel Road (km)							0.60					0.60	0.60		
PROGRAM 2: Irrigation Systems Development Program																
Sub-Program 1: New National Irrigation Systems																
12. Ilocos Norte Irrigation Project - Stage II Ilocos Norte, Region 1	New (ha)	7,519						-						-	-	0.09
13. Lower Agno RIS Improvement Project Pangasinan, Region 1	New (ha)	7,519	1,382					1,382	524					524	524	14.18
	Resto (ha)	1,786	379					379	214					214	214	
	Canal Lining (km)							-	42.25	1.71			43.96	44.56		
	Canal Structures (Unit)							-	4	4			4	4		
	Gravel (km.)							-	38.81	2.31			41.12	41.12		
14. Lower Apayao River Irrigation Project Apayao, CAR	New (ha)	1,211						-						-	-	0.22
	Canal Structures (Unit)		11					11						-	-	
	Gravel Road (km)	14.55						14.55						-	-	
	Canal Lining (km)							-						0.60		
15. Tumauni River Multipurpose Project Isabela, Region 2	New (ha)	4,585						-						-	-	1.43
16. Balog-Balog MPIP, Phase II Tarlac, Region 3	New	17,890						-						-	-	35.75
	Resto	4,045						-						-	-	
	Canal Lining (km)							-			5.18		0.60	5.78	81.64	
	Canal Structures (Unit)							-			7		1	8	47	
17. North Lawis Irrigation Project Zambales, Region 3	New	1,464						-						-	-	53.76
	Canal Lining (km)							-		4.55				4.55	4.55	
	Canal Structures (Unit)							-		11				11	11	
	Concrete Roads (km)							-		1.14				1.14	1.14	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
18. Quipot Irrigation Project Quezon, Region 4A	New Resto	2,620 180			1,006	800 180		1,806 180		-				-	-	77.91
19. Bongabong River Irrigation Project Oriental Mindoro, Region 4B	New	5,100	3,005					3,005 -						-	232 -	78.71
20. Panay River Basin Integrated Dev't. Project Capiz, Region 6	New	26,800						-						-	-	0.71
21. Amlan Irrigation Project Negros Oriental	New (ha) Canal Lining (km) Canal Structures (Unit)	500		2	-			302 7.80 183	177	2				179 - -	327 - -	63.01
22. Sta. Agueda-Datagon Irrigation Project Negros Oriental	New (ha) Canal Lining (km) Canal Structures (Unit)	1,000		140	-			340 3.96 84	69	128				197 - -	707 - -	63.10
23. Bohol Northeast Basin Multipurpose Dam Proj. Bohol, Region 7	New (ha)	12,500						-						-	-	0.05
24. Malinao Dam Improvement Project Bohol, Region 7	Resto	4,740						-						-	180 -	11.19
25. Lower Sibuguey II RIS Extension Project Zamboanga Sibugay, Region 9	New Resto Canal Lining (km) Canal Structures (Unit) Concrete Roads (km)	1,550 40	3.55 16	6	68	22		68 - 3.55 44		6	4.48 2.33		4.48 6 2.33	- - -	1,224 - 4.92 19 2.33	78.74
26. Lower Sibuguey I RIS Extension Project Zamboanga Sibugay, Region 9	New Resto Canal Lining (km) Canal Structures (Unit)	1,400	0.55	10.00 40	9	112		121 - 10.55 49		12.54				- - -	1,400 - 3.04 7	68.75
27. Tandubas Irrigation Project Tawi-Tawi, Region 9	New Canal Lining (km)	200						- -	1.00					- 1.00	120 1.00	82.46
28. Ditsaan-Ramain River IP Lanao del Sur, Region 10 (ARMM)	New (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) Gravel Road (km)	4,000	70 0.40 1 0.30	493 2.46	15	6		584 0.40 2.46 1 0.30	297 1.48	14 1.75 1	3		314 - 3.23 1 -	1,938 - 3.10 2 -	57.14	
29. Kabulnan 2 MIPP S.Kudarat, Maguindanao, Region 12	New	19,330						-						-	-	0.37
30. Malitubog-Maridagao Irrigation Project Phase II North Cotabato, Region 12	New Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	9,784		397	862	380	1,639	- - -	0.43	145 6.06 1.05 30	200 1.87	59 1.81 0.28	404 7.87 4.40 30	6,413 37.34 25.57 85	62.62	
31. Sapalan River Irrigation Project Maguindanao, Region 12 (ARMM)	New Resto (ha) Canal Lining (km) Canal Structures (Unit)	2,838 2.00 6		6				- - 6	1.45 3	148 96 17	191 26 21		339 122 9.12 41	339 122 12.09 42	42.29	
32. Lebak Integrated River Irrigation Project Sultan Kudarat								-						-	-	1.90
33. Jalaur River Multipurpose Project - Stage II	New Resto Earth Canal (km) Canal Lining (km) Canal Structures (Unit) COCONET (sqm)	9,500						- - - - -						- - - - -	493 120 66.45 1.50 21 5,845	32.90
Sub-Program 2: Establishment of Pump Irrigation Systems								-					-	-		
34. Alfonso Lista Pump Irrigation Project	New (ha) Canal Structures (Unit)	2,300						- -		1			- 1	- 1	27.89	
35. Chico River Pump Irrigation Project	New (ha) Canal Lining (km) Canal Structures (Unit)	8,700						- - -	0.98 30				- 0.98 30	- 0.98 30	24.55	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)		
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019				
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015					
36. Establishment of Groundwater Pump IP Nationwide	New (ha)	Annual Program	7,274					7,274	4,613					4,613	4,613	67.99		
	Resto (ha)		30					30	30					30	30			
	Canal Lining (km)		6.60					6.60	9.58					9.58	9.58			
	HDPE (km)		44.56					44.56	2.38					2.38	2.38			
	Canal Structures (Unit)		102					102	13					13	13			
	Gravel Road (km)		1.92					1.92						-	-			
Sub-Program 3: Small Reservoir Irrigation Systems																		
37. Barbar SRIP Ilocos Sur, Region 1	New (ha)	1,000	535					535						-	165	89.91		
								-						-	-			
38. Bayaas SRIP Pangasinan, Region 1	New (ha)	400						-						-	-	3.41		
								-						-	-			
39. Dumuloc SRIP Pangasinan, Region 1	New (ha)	200						-						-	-	2.63		
								-						-	-			
40. Gaco SRIP Ilocos Sur, Region 1	New (ha)	600						-						-	-	1.83		
								-						-	-			
41. Sulvec SRIP Ilocos Norte, Region 1	New	500	50					50						-	200	40.76		
	Earth Canal (km)													-			-	0.60
	Canal Lining (km)													-	0.09		-	2.20
	Canal Structures (Unit)													-			-	4
42. Marimay SRIP Apayao, CAR	New (ha)	1,160						-						100	165	72.59		
	Canal Lining (km)							-		-	8.70							
	Canal Structures (Unit)							2	0.23	8.47	36	36						
	Gravel Road (km)							6.35		-	-							
43. Bulo SRIP Bulacan, Region 3	New (ha)	1,000						-						-	-	36.27		
	Canal Lining (km)							-		-	2.66							
	Canal Structures (Unit)							-		-	11							
44. Balbalungao SRIP Nueva Ecija, Region 3	New (ha)	500						-	840					840	840	17.77		
	Canal Lining (km)							-		-	1.62							
45. Upper Tabuating SRIP Nueva Ecija, Region 3	New (ha)	700						1,100		700	-			700	1,000	92.44		
	Canal Lining (km)	5.66		700	400			5.66		700				-				
46. Macalelon SRIP Quezon, Region 4A	New (ha)	630						-						-	-	30.62		
								-						-	-			
47. Ibingan SRIP Sorsogon, Region 5	New (ha)	255						-						-	-	45.32		
								-		-	-							
48. Bayuyan SRIP Capiz, Region 6	New (ha)	120						-						-	-	25.99		
	Canal Lining (km)							-	0.22	-	0.22							
	Canal Structures (Unit)							-	5	-	5							
49. Cabano SRIP Guimaras, Region 6	New (ha)	340						-						-	-	4.16		
								-		-	-							
50. Benliw SRIP Bohol, Region 7	New (ha)	500						-						-	-	90.50		
								-		-	-							
51. Bonot-Bonot SRIP Bohol, Region 7	New (ha)	600						-						-	-	59.77		
								-		-	-							
52. Calunasan SRIP Bohol, Region 7	New (ha)	250						-						-	-	21.75		
								-		-	-							
53. Hibale SRIP Bohol, Region 7	New (ha)	375						-						-	-	6.35		
								-		-	-							
54. Hibulangan SRIP Northern Leyte, Region 8	New (ha)	1,738						-						-	-	91.36		
	Canal Lining (km)							3.82	3.67	2.76	8.52							
	Canal Structures (Unit)							43	35	19	75							
55. Tulunan SRIP N.Cotabato, Region 12	New (ha)	1,590						-						-	-	0.78		
	Canal Lining (km)							-		-	1.65							
	Canal Structures (Unit)							-		-	8							
	Concrete Road (km)							-		-	2.49							

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS					CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)	
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program						Total CY 2019
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
Sub-Program 4: Special Irrigation Systems																
56. Balikatan Sagip Patubig Program (BSPP)	New (ha)	Annual Program	464					464	121					121	121	60.34
	Resto (ha)		33					33	20					20	20	
	Canal Lining (km)		23.65					23.65	16.91					16.91	16.91	
	HDPE (km)		52.62					52.62	27.75					27.75	27.75	
	Canal Structures (Unit)		218					218	55					55	55	
57. Small Irrigation Projects (SIP)	New (ha)	Annual Program	10,233					10,233	3,181					3,181	3,181	51.17
	Resto (ha)		20					20	24					24	24	
	Earth Canal (km)		6.74					6.74	2.41					2.41	2.41	
	Canal Lining (km)		209.44					209.44	112.19					112.19	112.19	
	HDPE (km)		103.78					103.78	25.92					25.92	25.92	
	Canal Structures (Unit)		1,309					1,309	348					348	348	
	Gravel Road (km)		12.71					12.71	6.48					6.48	6.48	
Sub-Program 5: Extension/Expansion of Existing Irrigation Systems																
58. Extension/Expansion of Existing CIS	New (ha)	Annual Program	3,645					3,645	1,626					1,626	1,626	63.70
	Resto (ha)		80					80	41					41	41	
	Earth Canal (km)		4.30					4.30	6.62					6.62	6.62	
	Canal Lining (km)		93.32					93.32	74.91					74.91	74.91	
	HDPE (km)		81.49					81.49	40.47					40.47	40.47	
	Canal Structures (Unit)		472					472	151					151	151	
	Gravel Road (km)		5.72					5.72	2.85					2.85	2.85	
59. Extension/Expansion of Existing NIS	New (ha)	Annual Program	2,914					2,914	613					613	613	55.67
	Resto (ha)		-					-	-					-	-	
	Earth Canal (km)		26.10					26.10	9.50					9.50	9.50	
	Canal Lining (km)		84.68					84.68	46.70					46.70	46.70	
	HDPE (km)		2.05					2.05	-					-	-	
	Canal Structures (Unit)		197					197	52					52	52	
	Gravel Road (km)		6.29					6.29	3.89					3.89	3.89	
TOTAL FOR OPERATIONS	New (ha)	152,068	31,300	1,335	1,895	1,780	380	36,690	11,277	2,115	450	203	59	14,104	26,594	
	Resto (ha)	15,551	4,730	63	-	180	-	4,973	2,330	150	26	-	-	2,506	2,986	
	Earth Canal (km)	-	61.56	-	-	-	-	61.56	29.05	-	6.06	-	1.81	36.91	133.44	
	Canal Lining (km)	7.66	581.00	18.12	5.52	-	-	604.63	379.41	29.96	20.76	6.35	0.89	437.37	547.00	
	HDPE (km)	-	301.84	-	-	-	-	301.84	106.60	-	-	-	-	106.60	106.60	
	Canal Structures (Unit)	46	3,410	52	-	32	-	3,494	1,004	57	96	-	1	1,158	1,339	
	COCONET (sq. m.)	-	166,571	-	-	-	-	166,571	90,501	-	-	-	-	90,501	96,346	
	Concrete Roads (km.)	-	65.02	-	-	-	-	65.02	37.34	1.14	-	2.33	-	40.81	43.30	
	Gravel Road (km)	-	166.07	-	-	-	-	166.07	121.19	2.31	-	-	-	123.50	123.50	
OTHER SOURCES																
1. National Disaster Risk Reduction Management Fund (Communal Systems)															-	
2. National Disaster Risk Reduction Management Fund (National Systems)															21.59	
TOTAL FOR CY 2019 IRRIGATION PROGRAM	New (ha)	160,768	31,300	1,335	1,895	1,780	380	36,690	11,277	2,115	450	203	59	14,104	26,594	
	Resto (ha)	15,551	4,730	63	-	180	-	4,973	2,424	150	26	-	-	2,600	3,080	
	Earth Canal (km)	-	259.91	-	-	-	-	259.91	145.56	-	6.06	-	1.81	153.42	249.95	
	Canal Lining (km)	7.66	1,428.02	18.12	5.52	-	-	1,451.65	767.65	29.96	20.76	6.35	0.89	825.61	935.24	
	HDPE (km)	-	320.52	-	-	-	-	320.52	117.46	-	-	-	-	117.46	117.46	
	Canal Structures (Unit)	46	5,692	52	-	32	-	5,776	1,951	57	96	-	1	2,105	2,286	
	COCONET (sq. m.)	-	166,571	-	-	-	-	166,571	90,501	-	-	-	-	90,501	96,346	
	Concrete Road (km.)	-	65.02	-	-	-	-	65.02	37.34	1.14	-	2.33	-	40.81	43.30	
	Gravel Road (km)	-	166.07	-	-	-	-	166.07	153.62	2.31	-	-	-	155.93	155.93	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)	CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)	
		CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019			
			CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015				
II. CONTINUING APPROPRIATIONS																
A. BALANCE FROM CY 2018																
Sub-Program 1: Existing National Irrigation Systems																
1. Daet-Talisay RIS Camarines Sur, Region 5	Resto (ha) Canal Lining (km) Canal Structures (Unit)	516		6	-			6		6				6	228	100.00
								-		0.77				0.77	29.77	
					2			2		3				3	16	
2. Rinconada Integrated IS, Camarines Sur Camarines Sur, Region 5	Resto (ha) Canal Lining (km) Canal Structures (Unit)	1,200		38				38		38		2.29		38	372	100.00
				13.26				13.26		13.26				15.55	137.93	
				27				27		27		4		31	102	
3. Resto/Rehab/Repair of Existing National IS Nationwide	Resto (ha) Earth Canal (km) Canal Lining (km) HDPE (km) Canal Structures (Unit) Concrete Rd (km) Gravel Road (km)	Annual Program		1,512 87.34 - - - - 43.58				1,512 87.34 - - - - 43.58		1,380 107.19 31.03 0.96 194 - 10.76				1,380 107.19 31.03 0.96 194 - 10.76	4,491 264.95 489.29 0.96 609 8.86 14.98	97.50
4. Climate Change Adaptation Works (NIS)	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) Concrete Rd (km) Gravel Road (km)	Annual Program						- - - 31 2.72 -			0.31 15			0.31 15	600 68.15 3.49 273 - 2.09	95.88
5. Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda	Resto (ha) Canal Lining (km) Canal Structures (Unit) Gravel Rd (km)	Annual Program		123 14.85 5 2.20				123 14.85 5 2.20		108 14.64 8 2.25				108 14.64 8 2.25	108 41.08 17 2.95	97.11
6. Coconet Slope Protection in National IS Nationwide	COCONET (sqm) Canal Lining (km) Gravel Rd (km)	Annual Program		59,610 - -				59,610 - -		90,425 1.23				90,425 1.23 -	343,566 2.39 -	99.81
7. Improvement of Service Roads in National IS Nationwide	Earth Canal (km) Concrete Rd (km) Gravel Road (km)	Annual Program						- - 56.64		8.11 50.43				8.11 50.43	0.40 70.81 158.81	99.71
8. National Irrigation Sector Reh. & Imp't. Project	New Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	- 10,000 18.00 78.30 177				2,636 32.39 34	1,169 13.50 22	3,805 - 45.89 56							- 133 14.91 45	
Sub-Program 2: Existing Communal Irrigation Systems																
9. Resto/Rehab/Repair of Existing Communal IS	New Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE Pipes (km) Concrete Rd (km) Gravel Road (km)	Annual Program		271 1,440 7.85 59.68 - 13.23 - 0.35				271 1,440 7.85 59.68 - 13.23 - 0.35		296 2,046 1.54 93.37 413 22.27 0.52 0.52				296 2,046 1.54 93.37 413 22.27 0.52 0.52	356 7,720 37.66 549.52 1,935 39.79 0.70 2.06	96.25
10. Climate Change Adaptation Works (Communal IS)	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	Annual Program						- - - 13		10 0.46 1.12 7				10 0.46 1.12 7	25 0.46 3.43 136	100.00
11. Coconet Slope Protection in Communal IS Nationwide	COCONET (sqm) Canal Lining (km) Canal Structures (Unit)	Annual Program						- - -		19,974 1.06				19,974 1.06 -	111,576 3.03 9	100.00

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
Sub-Program 3: Repair of Groundwater Pump IS																
12. Repair of Groundwater Pump IS Nationwide	Resto (ha)	Annual Program		2				2		2				2	470	100.00
	Earth Canal (km)						-					-	4.65			
	Canal Lining (km)			0.31			0.31		0.49		0.49	2.50				
	Canal Structures (Unit)						-		3		3	12				
	HDPE (km)						-				-	3.00				
Sub-Program 4: Comprehensive Agrarian Reform Program																
13. Comprehensive Agrarian Reform Program-IC	New	Annual Program		399				399		256				256	1,025	99.08
	Resto (ha)			127			127		8		8	596				
	Earth Canal (km)			1.56			1.56				-	1.64				
	Canal Lining (km)					-		2.07		2.07	47.63					
	Canal Structures (Unit)			41			41		24		24	228				
	HDPE (km)					-		0.34		0.34	13.35					
PROGRAM 2: IRRIGATION SYSTEMS DEVELOPMENT PROGRAM																
Sub-Program 1: New National Irrigation Systems																
14. Agno RIS Extension Project Pangasinan, Region 1	New	12,351			5,749	1,914		7,663		1,137	1,198			2,335	6,885	99.93
	Resto (ha)	1,869				218		218			348			549	1,977	
	Earth Canal (km)							-		201						
	Canal Lining (km)					8.56		8.56		7.61	33.89			41.50	122.77	
	Canal Structures (Unit)							-		8.82	21.74	0.82		31.38	29.36	
	COCONET (sqm)							-		99	192	2	4	297	505	
	Gravel Rd (km)							-						-	7.24	
								-	16.59	10.96	1.06		28.61	61.56		
15. Aklan RIS Aklan, Region 6	New			308				308						-	-	95.05
	Resto (ha)							-						-	-	
16. Gregorio del Pilar Impounding Project Ilocos Sur, Region 1	New	1,978						-						-	-	1.10
	Earth Canal (km)							-		3.37				3.37	3.37	
	Canal Structures (Unit)							-		37				37	37	
17. Ilocos Sur Integrated Irrigation Project Ilocos Sur, Region 1	New	7,830						-						-		0.11
								-								
18. Dibuluan Irrigation Project Isabela, Region 2	New	2,080						-						-	500	88.76
								-								
19. Upper Gumain River IP Pampanga, Region 3	New	16,750						-						-		0.75
	Canal Lining (km)							-							0.50	
20. Casecnan Multipurpose IP-IC Phase II Nueva Ecija, Region 3	New	20,321		-		798	359	1,157								
	Earth Canal (km)							-					1,105	1,105	21,515	91.05
	Canal Lining (km)							-					9.00	9.00		
	Canal Structures (Unit)							-		6.53		34.49	75.94	116.96	2.40	
	COCONET (sqm)							-				20	885	905		
	Gravel Road (km)							-		36.95				-	39,280	
								-						36.95	11.50	
21. Marikit Irrigation Project Nueva Ecija, Region 3	New	280		280				280						-	-	75.42
	Canal Lining (km)	9.75		9.75				9.75						-		
	Canal Structures (Unit)	45		45				45						-		
	Gravel Road (km)	2.46		2.46				2.46						-		
22. Hilabangan Irrigation Project Iloilo, Region 6	New	1,700		700	600	60		1,360					700	700	700	45.87
	Canal Lining (km)							-						-	0.47	
	Canal Structures (Unit)							-						-	1	
23. Imbang Irrigation Project Negros Occidental, Region 6	New	4,443						-						-		-
								-						-		
24. Malogo Irrigation Project Negros Occidental, NIR (Region 6)	New	4,000		400				400						-		14.97
								-						-		
25. Bantayan Irrigation Project Northern Samar, Region 8	New	436		228		67		295				67		67	210	96.70
	Canal Lining (km)							-		4.02				4.02	14.48	
	Canal Structures (Unit)							-						-	39	
26. Bulao Irrigation Project Northern Samar, Region 8	New	742					136	136					536	536	600	63.81
	Earth Canal (km)							-						-	1.50	
	Canal Lining (km)							-						-	4.90	
	Canal Structures (Unit)							-				4.78		-	14	

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
27. Calbiga Irrigation Project Western Samar, Region 8	New Canal Lining (km) Canal Structures (Unit)	913		193	50		500	743 - -		17.71 66	50 1.05 16		500	550 18.77 82	850 36.07 130	95.75
28. Catarman-Bobon IP Northern Samar, Region 8	New Resto (ha) Canal Lining (km) Canal Structures (Unit)	1,060						- - -		11.06 2				- 11.06 2	560 29.64 113	85.46
29. Gandara IP (Concepcion Nacube Area) Western Samar, Region 8	New Canal Lining (km) Canal Structures (Unit)							- - -						- - 1.80 8		7.52
30. Gandara IP (Pologon Area) Western Samar, Region 8	New Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	150					39	39 - - -		1.38 14			9	9 1.38 14	120 3.54 11.90 61	85.68
31. Hagbay Irrigation Project Northern Samar, Region 8	New Canal Lining (km) Canal Structures (Unit)	708					356	356 - -					356	356 - 1	400 0.70 15	58.14
32. Pinipisakan Irrigation Project Northern Samar, Region 8	New Canal Lining (km) Canal Structures (Unit) Concrete Rd (km) Gravel Road (km)	1,405		367	50			417 - - - -			0.34			- 8.40 124 2.94 3.44	595 8.40 124 2.94 3.44	78.80
33. Upper Saug River Irrigation Project Davao del Norte, Region 11	New	1,070						- -						- -		75.51
34. Bislig City Integrated Dev't Project-IC Surigao del Sur, Region 13	New Resto (ha) Canal Lining (km) Canal Structures (Unit)	1,250 90 1		52 1		22		22 52 - 1		45 2	72 3.75 9	19		91 45 3.75 11	1,847 83 18.62 44	82.90
35. Mat-I Ambacon Pinanaan IP Agusan del Norte, Region 13	New Canal Lining (km) Canal Structures (Unit)	1,200 12.18 18		62 1.78 9				62 1.78 9		23				23 - 0.14	991 12.40 10.50	99.26
Sub-Program 2: Establishment of Pump Irrigation Systems																
36. Nassiping PIP Ph. 1 Cagayan, Region 2	New	1,028						- -		166				166	166	98.40
37. Estab. of Groundwater Pump IP Nationwide	New Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE Pipes (km)	Annual Program		1,984 3 1.00 5 0.14				1,984 3 1.00 5 0.14		2,165 3 (0.40) 4 0.14				2,165 3 (0.40) 4 0.14	6,225 144 - 3.04 47 10.50	99.44
Sub-Program 3: Small Reservoir Irrigation Program																
38. Mabini-Cayacay SRIP Bohol, Region 7	New	530						- -						- -	210 -	85.38
39. Sta. Rita SRIP Western Samar, Region 8	New Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	911						- - -		15.49 0.12	0.69 3	0.20		- 15.49 1.00 3	- 5.20 3.60 19	95.58
Sub-Program 4: Special Irrigation																
40. Balikpapan Sagip Patubig Program (BSPP) Nationwide	New Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km)	Annual Program		73 7 7.09 22 3.03				73 7 - 7.09 22 3.03		73 7 6.21 36 2.93				73 7 - 6.21 36 2.93	393 37 0.58 64.97 147 20.13	100.00

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
41. Small Irrigation Project (SIP) Nationwide	New	Annual Program		7,413				7,413		5,559				5,559	13,006	92.23
	Resto (ha)		-			-		(30)					(30)	51		
	Earth Canal (km)		-			-		21.78					21.78	41.69		
	Canal Lining (km)		54.17			54.17		130.80					130.80	350.01		
	Canal Structures (Unit)		836			836		1,158					1,158	2,122		
	HDPE (km)		28.08			28.08		35.36					35.36	87.99		
	Concrete Rd (km)		-			-		0.39					0.39	1.39		
Gravel Road (km)	-			-		10.55					10.55	16.94				
Sub-Program 5: Expansion of Existing Irrigation Systems																
42. Extention/Expansion of Existing National IS Nationwide	New	Annual Program		703				703		328				328	800	92.41
	Resto (ha)		275			275		-				-	215			
	Earth Canal (km)		2.75			2.75		7.76				7.76	22.94			
	Canal Lining (km)		10.58			10.58		12.41				12.41	36.57			
	Canal Structures (Unit)		66			66		56				56	93			
	HDPE (km)		0.50			0.50		0.92				0.92	0.92			
	Gravel Road (km)		4.25			4.25		-				-	-			
43. Extention/Expansion of Existing Communal IS Nationwide	New	Annual Program		1,559				1,559		1,168				1,168	3,424	96.63
	Resto (ha)		84			84		75				75	269			
	Earth Canal (km)		1.85			1.85		16.30				16.30	16.96			
	Canal Lining (km)		10.23			10.23		38.19				38.19	116.41			
	Canal Structures (Unit)		118			118		221				221	409			
	HDPE (km)		0.04			0.04		8.73				8.73	30.45			
Other Sources																
44. National Disaster Risk Reduction Mgt. Fund	Canal Lining (km)							-		9.41				9.41	10.92	97.34
	Canal Structures (Unit)							-		12				12	13	
45. Quick Response Fund (Communal Systems)	Resto (ha)							-		6				6	198	98.15
	Earth Canal (km)							-		2.28				2.28	12.79	
	Canal Lining (km)							-		3.84				3.84	8.71	
	Canal Structures (Unit)							-		17				17	34	
	Gravel Road (km)							-		-				-	0.50	
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2018	New	83,136	-	14,940	6,449	2,861	1,390	25,640	-	11,171	1,320	86	3,206	15,783	61,378	
	Resto (ha)	13,675	-	3,669	-	2,854	1,169	7,692	-	3,905	348	-	-	4,253	17,717	
	Earth Canal (km)	18.00	-	102.34	-	-	-	102.34	-	183.78	33.89	-	9.00	226.67	609.25	
	Canal Lining (km)	100.23	-	181.70	-	40.95	13.50	236.15	-	409.45	27.56	42.58	75.94	555.20	2,090.83	
	Canal Structures (Unit)	241	-	1,219	2	34	22	1,277	-	2,420	220	26	889	3,554	7,368	
	COCONET (sqm)	-	-	59,610	-	-	-	59,610	-	110,399	-	-	-	110,399	494,429	
	HDPE (km)	-	-	45.02	-	-	-	45.02	-	71.64	-	-	-	71.64	207.10	
	Concrete Rd (km)	-	-	2.72	-	-	-	2.72	-	9.02	-	-	-	9.02	84.70	
	Gravel Road (km)	2.46	-	109.48	-	-	-	109.48	-	128.04	10.96	4.06	-	143.06	274.82	
B. BALANCE FROM CY 2017				79,879	6,451	5,790	2,595	94,715	-	128,697	1,960	159	4,180	134,995		
1. Upper Sibuguey RIS Ext'n. Project Zamboanga Sibugay, Region 9	New	720			90			90			98			98	805	100.00
	Canal Lining (km)							-			2.70			3	7	
	Canal Structures (Unit)	15				4		4			18			18	12	
2. Extension/Expansion of Existing NIS Nationwide	New	Annual Program			49			49			89			89	917	100.00
	Resto		-			-		50			50	50				
	Earth Canal (km)		-			-		-			-	6.74				
	Canal Lining (km)		-			-		1.75			1.75	31.36				
	HDPE (km)		-			-		-			-	0.64				
	Canal Structures (Unit)		-			-		1			1	78				
3. Extension/Expansion of Existing CIS Nationwide	New	Annual Program			118			118			409			409	2,870	99.25
	Resto		-		28		28			2		2	217			
	Earth Canal (km)		-			-		-			-	1.77				
	Canal Lining (km)		-			-		5.71			5.71	103.19				
	HDPE (km)		-			-		-			-	35.70				
	Canal Structures (Unit)		-			-		27			27	356				

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
4. Repair of Groundwater Pump IS Nationwide	Resto Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km)	Annual Program						- - - -			7 - 0.14 -			7 - 0.14 -	423 1.68 1.04 27 3.00	99.81
5. Climate Change Adaptation Works (NIS)	New (ha) Canal Structures (Unit) Earth Canal (km) Canal Lining (km) Gravel Rd (km)	Annual Program			248			248 - - -			111 14 - 0.06 (3.24)			111 14 - 0.06 (3.24)	111 1,059 9.80 1.74 0.83	100.00
6. Climate Change Adaptation Works (CIS)	Canal Structures (Unit) Earth Canal (km) Canal Lining (km)	Annual Program			14			14 - -			- - 0.13			- - 0.13	122 3.80 5.36	100.00
7. Upgrading/Rehabilitation of NIS damaged by Typhoon Y	Canal Lining (km) Canal Structures (Unit) Gravel Rd (km)	Annual Program						- - -			1.96 - 1.50			1.96 - 1.50	127.06 29 12.62	96.38
8. Comprehensive Agrarian Reform Program	New Resto Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km) Concrete Road (km)	Annual Program			68 - - 14 - - -			- 68 - 14 - - -			15 - 1.41 0.40 - - -			15 - 1.41 0.40 - - -	495 463 2.09 12.96 109 0.50 0.60	99.84
9. Resto/Rehab/Repair of NIS Nationwide	New Resto Earth Canal (km) Canal Lining (km) Canal Structures (Unit) COCONET (sqm) Concrete Roads (km) Gravel Road (km)	Annual Program			64 - 0.35 - - - -			- 64 - 0.35 - - -			481 22.18 41.76 60 - 1.12 8.83			481 22.18 41.76 60 - 1.12 8.83	100 4,030 317.10 481.83 628 3,750 1.12 45.80	98.54
10. Resto/Rehab/Repair of CIS Nationwide	New Resto Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km) Gravel Road (km)	Annual Program						- - - - - -			(28) 816 8.67 29.59 97 - 0.62			(28) 816 8.67 29.59 97 - 0.62	328 9,205 49.89 614.82 1,852 69.02 7.47	99.23
11. Improvement of Service Roads in NIS Nationwide	Resto (ha) Concrete Road (km) Gravel Road (km) Canal Lining (km) Canal Structures (Unit)	Annual Program			1.35			- 1.35 - - -			40 - 0.05 - -			40 - 0.05 - -	40 17.37 71.51 2.48 2	99.03
12. Bugko Irrigation Project Northern Samar, Region 8	New Canal Lining (km) Canal Structures (Unit)	1,010					5	5 - -					5	5 - -	980 15.50 122	77.59
13. Bagtington SRIP Marinduque, Region 4B	New	286						- -						- -	- -	20.99
14. Sibagat SRIP Camarines Sur, Region 5	New Canal Lining (km) Canal Structures (Unit)	262						- - -						- - -	- 11.79 47	30.22
15. Barotac Viejo SRIP Iloilo, Region 6	New Resto	265 459					300	300 -					300	300 -	300 -	92.22
16. Lison Valley IP, Pagadian City Zamboanga del Sur, Region 9	New	500			50			50 -						- -	195 -	100.00
17. Umayam River Irrigation Project Agusan del Sur, Region 13	New	6,729			-		1,820	1,820 -						- -	2,609 -	81.16

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
18. Small Irrigation Project (SIP) Nationwide	New Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit) HDPE (km) Gravel Road (km)	Annual Program			819			819			1,056 70 0.30 13.88 106 2.09			1,056 70 0.30 13.88 106 2.09	7,166 70 30.14 175.70 932 57.77 2.49	98.68
19. Balikatan Sagip Patubig Program (BSPP) Nationwide	New Resto Canal Lining (km) Canal Structures (Unit) HDPE (km)	Annual Program			5 20			5 20			20 80			20 80	564 131 62.91 127 45.89	99.38
20. Quick Response Fund	Resto Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							- - - -			467 0.01 8.63 15			467 0.01 8.63 15	719 12.62 14.73 109	99.90
21. National Disaster Risk Reduction Management Fund	Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							- - -			14.48			- 14.48 -	5.52 21.29 32	100.00
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2017	New	9,772	-	-	1,131	-	2,125	3,256	-	-	1,770	-	305	2,075	17,440	
	Resto	459	-	-	180	-	-	180	-	-	2,013	-	-	2,013	15,348	
	Earth Canal (km)	-	-	-	-	-	-	-	-	-	32.57	-	-	32.57	441.15	
	Canal Lining (km)	-	-	-	0.35	-	-	0.35	-	-	121.18	-	-	121.18	1,690.40	
	Canal Structures (Unit)	15	-	-	276	4	-	280	-	-	338	-	-	338	5,643	
	COCONET (sqm)	-	-	-	-	-	-	-	-	-	-	-	-	-	3,750	
	HDPE (km)	-	-	-	-	-	-	-	-	-	2.09	-	-	2.09	212.52	
	Concrete Road (km)	-	-	-	1.35	-	-	1.35	-	-	1.12	-	-	1.12	19.09	
	Gravel Road (km)	-	-	-	-	-	-	-	-	-	7.75	-	-	7.75	140.72	
C. BALANCE FROM CY 2016																
1. Adapting to Climate Change Impact Through the Construction of Water Impounding Facilities in the Philippines (Pasa SRIP), Isabela	New	900						-						-		100.00
2. Ibato-Iraan SRIP Palawan, Region 4B	New Resto Canal Lining (km) Canal Structures (Unit)	860				160		160 - - -						- - - -	500 6.62 52	59.84
3. Talakag Irrigation Project Phase II Bukidnon, Region 10	New Resto Canal Lining (km) Canal Structures (Unit)	1,895					2	2 - 3.00 13				109 1.32 6	10	119 - 1.32 6	1,733 - 19.08 149	95.44
4. Dabubu Irrigation Project												907		907	907	91.27
5. Small Irrigation Project (SIP) Nationwide	New Resto Canal Lining (km) HDPE (km) Canal Structures (Unit)					335		335 - - - -				184 2.08 19		184 - 2.08 19	5,082 76.77 13.74 442	98.19
6. For the Requirement of the Program Beneficiaries Development Component of the Comprehensive Agrarian Reform Program Nationwide	New Resto Canal Lining (km) HDPE (km) Canal Structures (Unit)					107 327		107 327 - - 53				108		- 108 - - -	318 268 16.01 - 68	92.00
7. Extension/Expansion of Existing CIS Nationwide	New Resto Canal Lining (km) HDPE (km) Canal Structures (Unit)					277 142		277 142 - 2.14				142 73 5.51 1.18 29		142 73 5.51 1.18 29	2,344 704 50.14 1.18 249	100.00

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
8. Extension/Expansion of Existing NIS Nationwide	New Resto Canal Lining (km) HDPE (km) Canal Structures (Unit)					84		84 - - - -					0.91 - - 3	- - 0.91 3	946 162 36.86 9.00 138	90.02
9. Repair of Groundwater Pump IS Nationwide	Resto Canal Lining (km) Canal Structures (Unit) HDPE (km)					150 7.86 - 2.77		150 7.86 - 2.77					0.17 5 - -	- 0.17 5 -	1,018 13.63 46 5.13	100.00
10. Resto./Rep. and Maintenance of IS (National Systems) Nationwide	Resto Canal Lining (km) Canal Structures (Unit) Gravel Road (km)					398 - 10 -		398 - 10 -					302 20.06 13 -	302 20.06 13 -	2,114 249.33 431 12.06	100.00
11. Resto./Rep. and Maintenance of IS (Communal Systems) Nationwide	New Resto Canal Lining (km) Canal Structures (Unit) HDPE (km) Gravel Road (km)					705 - - - -		- 705 - - -					34 396 9.63 10 -	34 396 9.63 10 -	113 5,951 317.31 1,041 39.89 1.00	99.55
12. Establishment Of Groundwater Pump Irrigation Project Nationwide	New Resto Canal Lining (km) Canal Structures (Unit)												5 - 5 -	- - 5 -	1,304 118 4.03 5.00	100.00
TOTAL FOR CONTINUING APPROPRIATIONS BALANCE FROM CY 2016	New Resto Canal Lining (km) HDPE (km) Canal Structures (Unit) Gravel Road (km)	3,655	- - - - -	- - - - -	- - - - -	963 1,722 10.87 4.91 76 -	2 - - - - -	965 1,722 10.87 4.91 76 -	- - - - - -	- - - - - -	- - - - - -	1,376 884 39.68 1.18 85 -	10 - - - - -	1,386 884 39.68 1.18 85 -	13,247 10,335 789.79 68.94 2,621 13.06	
D. BALANCE FROM CY 2015																
1. Asbang SRIP Davao del Sur, Region 11	New (ha) Resto (ha)	469						- -						- -	- -	17.88
2. Extension/Expansion of Existing IS 2.1 Other NIS (Extension/Expansion of EIS)	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)						161	161 - - - -					59 - - 1.70 11	59 - - 1.70 11	3,287 882 157.21 99.99 303	99.88
2.2 Other CIS (Extension/Expansion of EIS)	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)						87	87 - - 3.08 1.08 -					- - - 0.32 -	- - - 0.32 -	3,197 717 17.59 101.32 341	100.00
3. Resto/Repair and Maintenance of IS 3.1 Resto./Rep. and Maintenance of IS (National Systems) Nationwide	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							- - - -					98 - 0.17 -	98 - 0.17 -	8,985 438.45 372.03 635	99.93
3.2 Resto./Rep. and Maintenance of IS (Communal Systems) Nationwide	Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)							- - - -					106 - 0.10 -	106 - 0.10 -	13,383 296.53 453.01 1,415	99.87
TOTAL FOR CONTINUING APPROPRIATION BALANCE FROM CY 2015	New (ha) Resto (ha) Earth Canal (km) Canal Lining (km) Canal Structures (Unit)	469	- - - - -	- - - - -	- - - - -	- - - - -	248 - 3.08 112.41 -	248 - 3.08 112.41 -	- - - - -	- - - - -	- - - - -	- - - - -	59 204 - 2.29 11	59 204 - 2.29 11	6,484 23,967 909.78 1,026.34 2,694	99.87

CLASSIFICATION/PROJECTS/PROVINCE/REGION	Overall Area (ha)		CY 2019 TARGETS						CY 2019 ACCOMPLISHMENT						Actual to Date	Overall Project Status (%)
			CY 2019 Program	Carryover Program				Total CY 2019	CY 2019 Program	Carryover Program				Total CY 2019		
				CY 2018	CY 2017	CY 2016	CY 2015			CY 2018	CY 2017	CY 2016	CY 2015			
SUB-TOTAL FOR CONTINUING APPROPRIATIONS	New (ha)	97,032	-	14,940	7,580	3,824	3,765	30,109	-	11,171	3,090	1,462	3,580	19,303	98,549	
	Resto (ha)	14,134	-	3,669	180	4,576	1,169	9,594	-	3,905	2,361	884	204	7,354	67,367	
	Earth Canal (km)	18.00	-	102.34	-	-	3.08	105.42	-	183.78	66.46	-	9.00	259.24	1,960.18	
	Canal Lining (km)	100.23	-	181.70	0.35	51.81	125.91	359.78	-	409.45	148.75	82.26	78.23	718.35	5,597.35	
	HDPE (km)	-	-	45.02	-	4.91	-	49.93	-	71.64	2.09	1.18	-	74.91	488.55	
	Canal Structures (Unit)	256	-	1,219	278	114	22	1,633	-	2,420	558	111	900	3,987	18,326	
	COCONET (sqm)	-	-	59,610	-	-	-	59,610	-	110,399	-	-	-	110,399	498,179	
	Concrete Road (km)	-	-	2.72	1.35	-	-	4.07	-	9.02	1.12	-	-	10.14	103.79	
	Gravel Road (km)	2.46	-	109.48	-	-	-	109.48	-	128.04	18.71	4.06	-	150.81	428.59	
TOTAL FOR NIA IRRIGATION DEVELOPMENT PROGRAM	New (ha)	257,800	31,300	16,275	9,475	5,604	4,145	66,799	11,277	13,286	3,540	1,665	3,639	33,407	125,143	
	Resto (ha)	29,685	4,730	3,732	180	4,756	1,169	14,567	2,424	4,055	2,387	884	204	9,954	70,447	
	Earth Canal (km)	18.00	259.91	102.34	-	-	3.08	365.32	145.56	183.78	72.52	-	10.81	412.66	2,210.12	
	Canal Lining (km)	107.89	1,428.02	199.82	5.87	51.81	125.91	1,811.43	767.65	439.42	169.51	88.61	79.11	1,543.96	6,532.59	
	HDPE (km)	-	320.52	45.02	-	4.91	-	370.45	117.46	71.64	2.09	1.18	-	192.37	606.01	
	Canal Structures (Unit)	302	5,692	1,271	278	146	22	7,409	1,951	2,477	654	111	901	6,092	20,612	
	COCONET (sqm)	-	166,571	59,610	-	-	-	226,181	90,501	110,399	-	-	-	200,900	594,525	
	Concrete Road (km)	-	65.02	2.72	1.35	-	-	69.09	37.34	10.16	1.12	2.33	-	50.95	147.09	
	Gravel Road (km)	2.46	166.07	109.48	-	-	-	275.55	153.62	130.35	18.71	4.06	-	306.74	584.52	



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

**FINANCIAL STATUS OF IRRIGATION PROJECTS**  
**FY 2019 IRRIGATION PROGRAM (R.A. 11260)**  
 January 1 - December 31, 2019  
 (All Amount in Thousand Pesos)

PARTICULARS	CY 2019 IRRIGATION PROGRAM				CARRY-OVER FUNDS					REGULAR CY 2019 PROGRAM & CARRY-OVER FUNDS			
	CY 2019 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2018	Realignment	Allotment Received	NCA Received	Obligation	Total CY 2019 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)
<b>PROGRAMS</b>													
<b>GENERAL ADMINISTRATION AND SUPPORT</b>													
1. Operating Subsidy	2,009,516	2,009,516	2,009,516	1,617,478	258,921				200,197	2,268,437	2,268,437	2,009,516	1,817,675
2. Irrigation Fee Subsidy	2,705,461	2,705,461	2,705,461	2,321,772						2,705,461	2,705,461	2,705,461	2,321,772
3. Agri-Agra NDC Loan repayment	1,498,870	1,498,870	1,498,870	1,498,870						1,498,870	1,498,870	1,498,870	1,498,870
4. Payment of NIA's Obl. to CE-Cascan for Water delivery fee	3,347,637	3,347,637	3,347,637	3,347,637						3,347,637	3,347,637	3,347,637	3,347,637
5. Repair, Operation and Maintenance of NIS Pump IS	249,266	249,266	249,266	185,146	85,159				76,743	334,425	334,425	249,266	261,889
6. Repair and Maintenance of Irrigation Systems										-	-	-	-
a. Communal Irrigation Systems	3,297,852	3,297,852	1,266,802	3,033,271						3,297,852	3,297,852	1,266,802	3,033,271
b. National Irrigation Systems	4,491,254	4,491,254	1,454,166	4,255,222						4,491,254	4,491,254	1,454,166	4,255,222
7. Repair of Groundwater Pump Irrigation Systems	301,756	301,756	77,074	291,376						301,756	301,756	77,074	291,376
<b>TOTAL GENERAL ADMINISTRATION AND SUPPORT</b>	<b>17,901,612</b>	<b>17,901,612</b>	<b>12,608,792</b>	<b>16,550,773</b>	<b>344,080</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>276,940</b>	<b>18,245,692</b>	<b>18,245,692</b>	<b>12,608,792</b>	<b>16,827,713</b>
<b>SUPPORT TO OPERATIONS</b>													
1. Payment for ROW, Completion Works & Unpaid Claims and Damages of Completed Projects	200,483	200,483	200,483	-	27,495			1,874	10,576	227,978	227,978	202,357	10,576
2. Heavy Equipment Procurement for Irrigation Systems	32,500	32,500	-	-	406,000			64,600	328,624	438,500	438,500	64,600	328,624
3. Feasibility Study, Detailed Eng'g. & Pre-Eng'g. Activities (FSDE)	421,882	421,882	63,282	201,343	239,498			86,672	74,904	661,380	661,380	149,954	276,247
4. Irrigation Management Transfer Support Services (IMTSS)	112,302	112,302	112,351	70,998	5,305				4,699	117,607	117,607	112,351	75,697
<b>TOTAL SUPPORT TO OPERATIONS</b>	<b>767,167</b>	<b>767,167</b>	<b>376,116</b>	<b>272,341</b>	<b>678,298</b>	<b>-</b>	<b>-</b>	<b>153,145</b>	<b>418,803</b>	<b>1,445,465</b>	<b>1,445,465</b>	<b>529,262</b>	<b>691,144</b>
<b>OPERATIONS</b>													
<b>PROGRAM 1: Irrigation Systems Restoration Program</b>	<b>3,018,990</b>	<b>3,018,990</b>	<b>1,488,150</b>	<b>2,856,610</b>	<b>40</b>	<b>-</b>	<b>-</b>	<b>3,724</b>	<b>(76)</b>	<b>3,019,030</b>	<b>3,019,030</b>	<b>1,491,874</b>	<b>2,856,534</b>
<b>Sub-Program 1: Existing National Irrigation Systems (NIS)</b>	<b>1,783,022</b>	<b>1,783,022</b>	<b>671,754</b>	<b>1,691,543</b>	<b>40</b>	<b>-</b>	<b>-</b>	<b>3,724</b>	<b>(76)</b>	<b>1,783,062</b>	<b>1,783,062</b>	<b>675,478</b>	<b>1,691,467</b>
1. Agos RIS Improvement Project	110,000	110,000	45,536	110,000						110,000	110,000	45,536	110,000
2. Lasang RIS Improvement Project, Davao Del Norte	165,184	165,184	49,139	163,465	40			3,724	(76)	165,224	165,224	52,863	163,389
3. Restoration of National Irrigation Systems	209,023	209,023	94,289	198,569						209,023	209,023	94,289	198,569
4. Climate Change Adaptation Works (National Systems)	547,931	547,931	229,571	511,308						547,931	547,931	229,571	511,308
5. Coconut Slope Protection in National Irrigation Systems	136,030	136,030	37,157	126,171						136,030	136,030	37,157	126,171
6. Improvement of Service Roads in National Irrigation Systems	614,854	614,854	216,061	582,031						614,854	614,854	216,061	582,031
<b>Sub-Program 2: Existing Communal Irrigation Systems (CIS)</b>	<b>688,385</b>	<b>688,385</b>	<b>282,793</b>	<b>624,185</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>688,385</b>	<b>688,385</b>	<b>282,793</b>	<b>624,185</b>
7. Restoration of Communal Irrigation Systems	442,530	442,530	199,949	392,245						442,530	442,530	199,949	392,245
8. Climate Change Adaptation Works (Communal Systems)	192,831	192,831	71,068	180,064						192,831	192,831	71,068	180,064
9. Improvement of Service Roads in Communal Irrigation Systems	53,024	53,024	11,776	51,876						53,024	53,024	11,776	51,876
<b>Sub-Program 3: Other Irrigation Systems</b>	<b>547,583</b>	<b>547,583</b>	<b>533,603</b>	<b>540,882</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>547,583</b>	<b>547,583</b>	<b>533,603</b>	<b>540,882</b>
10. Restoration of Groundwater Pump Irrigation Systems	19,034	19,034	5,054	16,126						19,034	19,034	5,054	16,126
11. Comprehensive Agrarian Reform Program-IC (CARP-IC)	528,549	528,549	528,549	524,756						528,549	528,549	528,549	524,756
<b>PROGRAM 2: Irrigation Systems Development Program</b>	<b>14,358,443</b>	<b>14,358,443</b>	<b>6,228,691</b>	<b>12,677,647</b>	<b>888,853</b>	<b>-</b>	<b>-</b>	<b>1,030,129</b>	<b>848,575</b>	<b>15,247,296</b>	<b>15,247,296</b>	<b>7,258,820</b>	<b>13,526,222</b>
<b>Sub-Program 1: New National Irrigation Systems</b>	<b>4,192,493</b>	<b>4,192,493</b>	<b>1,663,338</b>	<b>3,411,305</b>	<b>701,523</b>	<b>-</b>	<b>-</b>	<b>553,414</b>	<b>693,028</b>	<b>4,894,016</b>	<b>4,894,016</b>	<b>2,216,752</b>	<b>4,104,333</b>
12. Ilocos Norte Irrigation Project - Stage II	200,000	200,000	65,187	101,223	9,383			884	9,373	209,383	209,383	66,071	110,596
13. Lower Agno River Irrigation System Improvement Project	875,000	875,000	371,900	761,820				30,572		875,000	875,000	402,472	761,820
14. Lower Apayao River Irrigation Project (LARIP)	50,000	50,000	20,700	47,947						50,000	50,000	20,700	47,947
15. Tumauni River Multipurpose Project	200,000	200,000	55,917	173,081	4,657			6,839	4,657	204,657	204,657	62,756	177,738
16. Balog-Balog MPIP, Phase II	400,000	400,000	279,766	317,317						400,000	400,000	279,766	317,317
17. North Lawis Irrigation Project	116,000	116,000	30,943	114,558	3,970			29,504	3,885	119,970	119,970	60,448	118,443
18. Quiopot Irrigation Project	200,000	200,000	41,171	200,000	1,287			39,828	1,287	201,287	201,287	80,999	201,287

PARTICULARS	CY 2019 IRRIGATION PROGRAM				CARRY-OVER FUNDS					REGULAR CY 2019 PROGRAM & CARRY-OVER FUNDS			
	CY 2019 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2018	Realignment	Allotment Received	NCA Received	Obligation	Total CY 2019 Program	Total Available Allotment	NCA Received	Obligation
19. Bongabong River Irrigation Project	311,066	311,066	65,844	272,304	16,448			168,558	16,448	327,514	327,514	234,402	288,752
20. Panay River Basin Integrated Development Project (PRBIDP)	200,000	200,000	118,654	77,120				60,936		200,000	200,000	179,590	77,120
21. Amlan Irrigation Project	100,000	100,000	32,969	91,402				7,576		100,000	100,000	40,545	91,402
22. Sta. Agueda-Datagon Irrigation Project	50,000	50,000	18,000	44,566				34,091		50,000	50,000	52,091	44,566
23. Bohol Northeast Basin Multipurpose Dam Project	100,000	100,000	30,171	86,001						100,000	100,000	30,171	86,001
24. Malinao Dam Improvement Project	200,000	200,000	33,734	190,645	243,739				243,739	443,739	443,739	33,734	434,384
25. Lower Sibuguey II RIS Extension Project	33,380	33,380	11,842	32,888	2,195			82,521	2,195	35,575	35,575	94,363	35,083
26. Lower Sibuguey I RIS Extension Project	137,337	137,337	30,625	46,290	2,035			10,184	2,035	139,372	139,372	40,808	48,325
27. Tandubas Irrigation Project	40,000	40,000	14,000	37,904	180				180	40,180	40,180	14,000	38,084
28. Ditsaan-Ramain River IP	50,000	50,000	17,500	44,630				28,624		50,000	50,000	46,124	44,630
29. Kabulan 2 Multipurpose Irrigation & Power Project	114,710	114,710	44,931	53,645						114,710	114,710	44,931	53,645
30. Malitubog-Maridagao Irrigation Project Phase II	400,000	400,000	135,890	400,000	8,400			8,413		408,400	408,400	144,303	400,000
31. Sapalan River Irrigation Project	300,000	300,000	126,344	227,324				44,886		300,000	300,000	171,229	227,324
32. Lebak Integrated River Irrigation Project (LIRIP)	15,000	15,000	17,250	4,373						15,000	15,000	17,250	4,373
33. Jalaur River Multipurpose Project - Stage II	100,000	100,000	100,000	86,268	409,229				409,229	509,229	509,229	100,000	495,497
<b>Sub-Program 2: Establishment of Pump Irrigation Systems</b>	<b>2,382,254</b>	<b>2,382,254</b>	<b>1,393,294</b>	<b>2,282,640</b>	<b>115,576</b>	-	-	<b>8,024</b>	<b>85,859</b>	<b>2,497,830</b>	<b>2,497,830</b>	<b>1,401,318</b>	<b>2,368,499</b>
34. Alfonso Lista Pump Irrigation Project	411,850	411,850	69,459	407,258	385			8,024	57	412,235	412,235	77,483	407,316
35. Chico River Pump Irrigation Project	852,000	852,000	937,554	807,189	115,191				85,802	967,191	967,191	937,554	892,991
36. Establishment of Groundwater Pump IP (EGPIP)	1,118,404	1,118,404	386,281	1,068,193						1,118,404	1,118,404	386,281	1,068,193
<b>Sub-Program 3: Small Reservoir Irrigation Systems</b>	<b>1,113,478</b>	<b>1,113,478</b>	<b>453,651</b>	<b>856,388</b>	<b>71,754</b>	-	-	<b>468,691</b>	<b>69,688</b>	<b>1,185,232</b>	<b>1,185,232</b>	<b>922,341</b>	<b>926,076</b>
37. Barbar Small Reservoir Irrigation Project	20,210	20,210	9,742	3,463	28			75,656	28	20,238	20,238	85,398	3,491
38. Bayaas Small Reservoir Irrigation Project	20,000	20,000	14,678	8,214	66			6,929	66	20,066	20,066	21,607	8,280
39. Dumuloc Small Reservoir Irrigation Project	20,000	20,000	11,772	11,459				4,894		20,000	20,000	16,666	11,459
40. Gaco Small Reservoir Irrigation Project	135,000	135,000	47,250	-				5,136		135,000	135,000	52,386	-
41. Sulvec Small Reservoir Irrigation Project	50,000	50,000	30,054	29,992	14,698			6,926	14,698	64,698	64,698	36,980	44,690
42. Marimay Small Reservoir Irrigation Project	23,500	23,500	8,369	21,161				26,060		23,500	23,500	34,429	21,161
43. Bulo Small Reservoir Irrigation Project	50,000	50,000	13,933	44,696	9,112			3,808	9,112	59,112	59,112	17,741	53,807
44. Balbalungao Small Reservoir Irrigation Project	160,000	160,000	43,345	155,706	17			47,312	17	160,017	160,017	90,657	155,722
45. Upper Tabuating Small Reservoir Irrigation Project	20,000	20,000	8,000	7,702	27,220			37,721	25,153	47,220	47,220	45,721	32,856
46. Macalelon Small Reservoir Irrigation Project	100,000	100,000	69,980	100,000	831			7,956	831	100,831	100,831	77,936	100,831
47. Ibingan Small Reservoir Irrigation Project	10,000	10,000	11,500	2,652	15,555			26,773	15,555	25,555	25,555	38,273	18,207
48. Bayuyan Small Reservoir Irrigation Project	80,000	80,000	26,400	77,108				30,311		80,000	80,000	56,710	77,108
49. Cabano Small Reservoir Irrigation Project	20,000	20,000	23,000	17,811	4,227			4,936	4,227	24,227	24,227	27,936	22,038
50. Benliw Small Reservoir Irrigation Project	67,355	67,355	22,637	62,816				43,533		67,355	67,355	66,170	62,816
51. Bonot-Bonot Small Reservoir Irrigation Project	100,000	100,000	35,370	96,805				70,540		100,000	100,000	105,910	96,805
52. Calunasan Small Reservoir Irrigation Project	50,000	50,000	11,426	46,586				4,864		50,000	50,000	16,289	46,586
53. Hibale Small Reservoir Irrigation Project	50,000	50,000	10,775	47,067				10,286		50,000	50,000	21,061	47,067
54. Hibulangan Small Reservoir Irrigation Project	87,413	87,413	39,473	79,482				53,180		87,413	87,413	92,653	79,482
55. Tulunan Small Reservoir Irrigation Project	50,000	50,000	15,946	43,668				1,870		50,000	50,000	17,817	43,668
<b>Sub-Program 4: Special Irrigation Systems</b>	<b>3,971,883</b>	<b>3,971,883</b>	<b>1,524,313</b>	<b>3,657,069</b>	-	-	-	-	-	<b>3,971,883</b>	<b>3,971,883</b>	<b>1,524,313</b>	<b>3,657,069</b>
56. Balikatan Sagip Patubig Program (BSPP)	133,283	133,283	29,201	123,327						133,283	133,283	29,201	123,327
57. Small Irrigation Projects (SIP)	3,838,600	3,838,600	1,495,113	3,533,742						3,838,600	3,838,600	1,495,113	3,533,742
<b>Sub-Program 5: Extension/Expansion of Existing Irrigation Systems</b>	<b>2,698,335</b>	<b>2,698,335</b>	<b>1,194,096</b>	<b>2,470,245</b>	-	-	-	-	-	<b>2,698,335</b>	<b>2,698,335</b>	<b>1,194,096</b>	<b>2,470,245</b>
58. Extension/Expansion of Existing Communal Irrigation Systems	1,267,021	1,267,021	494,320	1,181,411						1,267,021	1,267,021	494,320	1,181,411
59. Extension/Expansion of Existing National Irrigation Systems	1,431,314	1,431,314	699,775	1,288,834						1,431,314	1,431,314	699,775	1,288,834
<b>TOTAL FOR OPERATIONS</b>	<b>17,377,433</b>	<b>17,377,433</b>	<b>7,716,842</b>	<b>15,534,257</b>	<b>888,893</b>	-	-	<b>1,033,853</b>	<b>848,499</b>	<b>18,266,326</b>	<b>18,266,326</b>	<b>8,750,694</b>	<b>16,382,756</b>
<b>TOTAL FOR CY 2019 PROGRAM</b>	<b>36,046,212</b>	<b>36,046,212</b>	<b>20,701,751</b>	<b>32,357,371</b>	<b>1,911,271</b>	-	-	<b>1,186,998</b>	<b>1,544,242</b>	<b>37,957,483</b>	<b>37,957,483</b>	<b>21,888,749</b>	<b>33,901,613</b>
<b>OTHER SOURCES</b>													
<b>CALAMITY FUND</b>													
1. National Disaster Risk Reduction and Management Fund		320,516	320,516	156,926						-	320,516	320,516	156,926
<b>SECTION 9</b>													
1. Extension/Expansion of Existing Communal Irrigation Systems		5,000		5,000						-	5,000	-	5,000
2. Climate Change Adaptation Works (Communal Systems)		3,000		3,000						-	3,000	-	3,000
3. Climate Change Adaptation Works (National Systems)		15,000		15,000						-	15,000	-	15,000
4. Extension/Expansion of Existing National Irrigation Systems		25,000		-						-	25,000	-	-
5. Repair of Communal Irrigation Systems		66,000		10,000						-	66,000	-	10,000
6. Repair of National Irrigation Systems		240,000		113,492						-	240,000	-	113,492

PARTICULARS	CY 2019 IRRIGATION PROGRAM				CARRY-OVER FUNDS					REGULAR CY 2019 PROGRAM & CARRY-OVER FUNDS			
	CY 2019 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2018	Realignment	Allotment Received	NCA Received	Obligation	Total CY 2019 Program	Total Available Allotment	NCA Received	Obligation
7. Restoration of Communal Irrigation Systems		7,000		-						-	7,000	-	-
8. Improvement of Service Roads in National Irrigation Systems		115,000		35,000						-	115,000	-	35,000
9. Small Irrigation Projects (SIP), Nationwide		69,000		49,126						-	69,000	-	49,126
10. Balog-Balog MPIP, Phase II, Tarlac		82,000		46,629						-	82,000	-	46,629
11. Casecnan Multipurpose Irrigation and Power Project, Ph II		164,360		-						-	164,360	-	-
12. Pinipisakan Irrigation Project, Northern Samar		30,267		-						-	30,267	-	-
<b>TOTAL SECTION 9</b>	-	<b>821,627</b>	-	<b>277,247</b>	-	-	-	-	-	-	<b>821,627</b>	-	<b>277,247</b>
<b>TOTAL FOR OTHER SOURCES</b>	-	<b>1,142,143</b>	<b>320,516</b>	<b>434,173</b>	-	-	-	-	-	-	<b>1,142,143</b>	<b>320,516</b>	<b>434,173</b>
<b>GRAND TOTAL FOR CY 2019 PROGRAM</b>	<b>36,046,212</b>	<b>37,188,355</b>	<b>21,022,266</b>	<b>32,791,544</b>	<b>1,911,271</b>	-	-	<b>1,186,998</b>	<b>1,544,242</b>	<b>37,957,483</b>	<b>39,099,626</b>	<b>22,209,265</b>	<b>34,335,786</b>
<b>II. CONTINUING APPROPRIATIONS</b>													
<b>II. A. BALANCE FROM CY 2018 PROGRAM</b>													
<b>SUPPORT TO OPERATIONS</b>													
Establishment of Farmland GIS					101,814			27,434	93,868	101,814	101,814	27,434	93,868
Quick Response Fund (QRF)					4,995				3,849	4,995	4,995	-	3,849
<b>TOTAL SUPPORT TO OPERATIONS</b>	-	-	-	-	<b>106,809</b>	-	-	<b>27,434</b>	<b>97,717</b>	<b>106,809</b>	<b>106,809</b>	<b>27,434</b>	<b>97,717</b>
<b>OPERATIONS</b>													
<b>PROGRAM 1: Irrigation Systems Restoration Program</b>					<b>215,529</b>	-	-	<b>4,467,297</b>	<b>138,249</b>	<b>215,529</b>	<b>215,529</b>	<b>4,467,297</b>	<b>138,249</b>
<b>Sub-Program 1: Existing National Irrigation Systems (NIS)</b>					<b>146,809</b>	-	-	<b>2,599,790</b>	<b>89,027</b>	<b>146,809</b>	<b>146,809</b>	<b>2,599,790</b>	<b>89,027</b>
1 Daet-Talisay RIS Improvement Project					360			2,704	360	360	360	2,704	360
2 Rinconada Integrated Irrigation System Improvement Project					2,395			28,854	2,370	2,395	2,395	28,854	2,370
3 Resto/Rehab/Repair of Existing National IS					80,908			1,787,839	70,384	80,908	80,908	1,787,839	70,384
4 Climate Change Adaptation Works (NIS)					6,586			242,271	5,464	6,586	6,586	242,271	5,464
5 Upgrading/Rehabilitation of NIS damaged by Typhoon Yolanda								122,037	-	-	-	122,037	-
6 Coconet Slope Protection in National IS					2,842			148,676	2,754	2,842	2,842	148,676	2,754
7 Improvement of Service Roads in National IS					5,352			267,686	4,617	5,352	5,352	267,686	4,617
8 National Irrigation Sector Reh. & Imp't. Project					48,366			(277)	3,079	48,366	48,366	(277)	3,079
<b>Sub-Program 2: Existing Communal Irrigation Systems (CIS)</b>					<b>64,635</b>	-	-	<b>1,800,681</b>	<b>45,252</b>	<b>64,635</b>	<b>64,635</b>	<b>1,800,681</b>	<b>45,252</b>
9 Resto/Rehab/Repair of Existing Communal IS					60,266			1,721,853	41,244	60,266	60,266	1,721,853	41,244
10 Climate Change Adaptation Works (Communal IS)					1,888			49,177	1,688	1,888	1,888	49,177	1,688
11 Coconet Slope Protection in Communal IS					2,480			29,651	2,320	2,480	2,480	29,651	2,320
<b>Sub-Program 3: Repair of Groundwater Pump IS</b>					<b>1,384</b>	-	-	<b>66,827</b>	<b>1,270</b>	<b>1,384</b>	<b>1,384</b>	<b>66,827</b>	<b>1,270</b>
12 Repair of Groundwater Pump IS					1,384			66,827	1,270	1,384	1,384	66,827	1,270
<b>Sub-Program 4: Comprehensive Agrarian Reform Program</b>					<b>2,700</b>	-	-	-	<b>2,700</b>	<b>2,700</b>	<b>2,700</b>	-	<b>2,700</b>
13 Comprehensive Agrarian Reform Program-IC					2,700				2,700	2,700	2,700	-	2,700
<b>PROGRAM 2: IRRIGATION SYSTEMS DEVELOPMENT PROGRAM</b>					<b>463,014</b>	-	-	<b>3,917,139</b>	<b>190,375</b>	<b>463,014</b>	<b>463,014</b>	<b>3,917,139</b>	<b>190,375</b>
<b>Sub-Program 1: New National Irrigation Systems</b>					<b>326,356</b>	-	-	<b>606,251</b>	<b>132,788</b>	<b>326,356</b>	<b>326,356</b>	<b>606,251</b>	<b>132,788</b>
14 Agno RIS Extension Project					-			196,268	(16,902)	-	-	196,268	(16,902)
15 Aklan RIS Improvement Project, Aklan								36,235	-	-	-	36,235	-
16 Ilocos Sur Integrated Irrigation Project								3,398	-	-	-	3,398	-
17 Dibuluan River Irrigation Project, Isabela					3,060			9,970	3,060	3,060	3,060	9,970	3,060
18 Upper Gumain Irrigation Project, Pampanga					3,006			30,058	2,836	3,006	3,006	30,058	2,836
19 Casecnan Multipurpose IP-IC Phase II					1,892			14,772	1,892	1,892	1,892	14,772	1,892
20 Marikit Irrigation Project					1,561			12,730	1,561	1,561	1,561	12,730	1,561
21 Hilabangan Irrigation Project, Negros Occidental					3,000			43,620		3,000	3,000	43,620	-
22 Imbang Irrigation Project, Negros Occidental					20,000				3,000	20,000	20,000	-	3,000
23 Malogo Irrigation Project, Negros Occidental					100,000				100,000	100,000	100,000	-	100,000
24 Bantayan Irrigation Project								33,232	-	-	-	33,232	-
25 Bulao Irrigation Project								1,735	-	-	-	1,735	-
26 Calbiga Irrigation Project, Samar (Western)								60,473	-	-	-	60,473	-
27 Catarman-Bobon Irrigation Project, Samar (Northern)								79,882	-	-	-	79,882	-
28 Gandara Irrigation Project (Concepcion-Nacube Area)					140,149					140,149	140,149	-	-
29 Gandara Irrigation Project (Pologon Area), Samar (Western)								12,390	-	-	-	12,390	-
30 Hagbay Irrigation Project								18,655	-	-	-	18,655	-
31 Pinipisakan Irrigation Project								1,442	-	-	-	1,442	-
32 Upper Saug River Irrigation Project					49,555			22,762	34,197	49,555	49,555	22,762	34,197

PARTICULARS	CY 2019 IRRIGATION PROGRAM				CARRY-OVER FUNDS					REGULAR CY 2019 PROGRAM & CARRY-OVER FUNDS			
	CY 2019 PROGRAM	Allotment Received	NCA Received	Obligation	Unobligated Allotment as of Dec. 2018	Realignment	Allotment Received	NCA Received	Obligation	Total CY 2019 Program	Total Available Allotment	NCA Received	Obligation
33 Bislig City Integrated Dev't Project-IC					3,396			21,706	2,610	3,396	3,396	21,706	2,610
34 Mat-I Ambacon Pinanaan IP					737			6,923	536	737	737	6,923	536
<b>Sub-Program 2: Establishment of Pump Irrigation Systems</b>					<b>5,517</b>	-	-	<b>231,039</b>	<b>2,011</b>	<b>5,517</b>	<b>5,517</b>	<b>231,039</b>	<b>2,011</b>
35 Nassiping PIP Ph. 1					203			2,355	203	203	203	2,355	203
36 Estab. of Groundwater Pump IP					5,314			228,684	1,808	5,314	5,314	228,684	1,808
<b>Sub-Program 3: Small Reservoir Irrigation Program</b>					-	-	-	<b>119,086</b>	-	-	-	<b>119,086</b>	-
37 Mabini-Cayacay SRIP								67,891		-	-	67,891	-
38 Sta. Rita SRIP								51,195		-	-	51,195	-
<b>Sub-Program 4: Special Irrigation</b>					<b>108,905</b>	-	-	<b>2,347,640</b>	<b>37,534</b>	<b>108,905</b>	<b>108,905</b>	<b>2,347,640</b>	<b>37,534</b>
39 Balikatan Sagip Patubig Program (BSPP)					10,014			75,371	5,762	10,014	10,014	75,371	5,762
40 Small Irrigation Project (SIP)					98,891			2,272,269	31,773	98,891	98,891	2,272,269	31,773
<b>Sub-Program 5: Expansion of Existing Irrigation Systems</b>					<b>22,235</b>	-	-	<b>613,124</b>	<b>18,042</b>	<b>22,235</b>	<b>22,235</b>	<b>613,124</b>	<b>18,042</b>
41 Extention/Expansion of Existing National IS					3,333			295,910	2,957	3,333	3,333	295,910	2,957
42 Extention/Expansion of Existing Communal IS					18,902			317,214	15,085	18,902	18,902	317,214	15,085
<b>TOTAL FOR OPERATIONS</b>					<b>678,542</b>	-	-	<b>8,384,436</b>	<b>328,624</b>	<b>678,542</b>	<b>678,542</b>	<b>8,384,436</b>	<b>328,624</b>
<b>TOTAL FOR CY 2018 CONTINUING APPROPRIATION</b>	-	-	-	-	<b>785,352</b>	-	-	<b>8,411,870</b>	<b>426,341</b>	<b>785,352</b>	<b>785,352</b>	<b>8,411,870</b>	<b>426,341</b>
<b>OTHER SOURCES</b>													
<b>CALAMITY FUND</b>													
1. National Disaster Risk Reduction and Management Fund					5,217				5,217	5,217	5,217	-	5,217
<b>TOTAL FOR OTHER SOURCES</b>					<b>5,217</b>	-	-	-	<b>5,217</b>	<b>5,217</b>	<b>5,217</b>	-	<b>5,217</b>
<b>TOTAL FOR CONTINUING APPROPRIATIONS</b>	-	-	-	-	<b>790,569</b>	-	-	<b>8,411,870</b>	<b>431,559</b>	<b>790,569</b>	<b>790,569</b>	<b>8,411,870</b>	<b>431,559</b>
<b>GRAND TOTAL FOR CY 2019 IRRIGATION PROGRAM</b>	<b>36,046,212</b>	<b>37,188,355</b>	<b>21,022,266</b>	<b>32,791,544</b>	<b>2,701,840</b>	-	-	<b>9,598,868</b>	<b>1,975,800</b>	<b>38,748,052</b>	<b>39,890,195</b>	<b>30,621,135</b>	<b>34,767,345</b>

## NOTE:

CARRY-OVER FUNDS includes balances from CY 2018 Regular Appropriations  
Unaudited Financial Status as of December 31, 2019



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**STATUS OF FUNDS**  
**GAA 2019**  
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PATICULARS	GAA	SARO	NCA	Obligation	Disbursement	BALANCES					UTILIZATION RATE		
						Unreleased SARO	Unfunded SARO	Unobligated SARO	Unutilized NCA	Unpaid Obligation	Obligation/ SARO	Disbursement/ NCA	Disbursement/ Obligation
	1	2	3	4	5	6=1-2	7=2-3	8=2-4	9=3-5	10=4-5	11=4/2	12=5/3	13=5/4
<b>PROGRAMS</b>													
I. GENERAL ADMINISTRATION AND SUPPORT	17,901,612	17,901,612	12,608,792	16,852,062	10,080,762	-	5,292,819	1,049,549	2,528,030	6,771,300	94%	80%	60%
II. SUPPORT TO OPERATIONS	767,167	767,167	376,116	272,341	71,418	-	391,051	494,826	304,699	200,924	35%	19%	26%
III. OPERATIONS	17,377,433	17,377,433	7,716,842	15,534,257	4,790,951	-	9,660,591	1,843,176	2,925,891	10,743,306	89%	62%	31%
PROGRAM 1: IRRIGATION SYSTEMS RESTORATION PROGRAM	3,018,990	3,018,990	1,488,150	2,856,610	1,446,637	-	1,530,840	162,380	41,513	1,409,972	95%	97%	51%
SUB-PROGRAM 1: NATIONAL IRRIGATION SYSTEMS (NIS)	1,783,022	1,783,022	671,754	1,691,543	778,950	-	1,111,268	91,479	(107,196)	912,592	95%	116%	46%
SUB-PROGRAM 2: COMMUNAL IRRIGATION SYSTEMS (CIS)	688,385	688,385	282,793	624,185	246,419	-	405,592	64,200	36,374	377,767	91%	87%	39%
SUB-PROGRAM 3: OTHER IRRIGATION SYSTEMS	547,583	547,583	533,603	540,882	421,268	-	13,980	6,701	112,335	119,613	99%	79%	78%
PROGRAM 2: IRRIGATION SYSTEMS DEVELOPMENT PROGRAM	14,358,443	14,358,443	6,228,691	12,677,647	3,344,313	-	8,129,752	1,680,796	2,884,378	9,333,334	88%	54%	26%
SUB-PROGRAM 1: NEW NATIONAL IRRIGATION SYSTEMS	4,192,493	4,192,493	1,663,338	3,411,305	953,552	-	2,529,155	781,188	709,786	2,457,753	81%	57%	28%
SUB-PROGRAM 2: ESTABLISHMENT OF PUMP IRRIGATION SYSTEMS	2,382,254	2,382,254	1,393,294	2,282,640	345,027	-	988,960	99,614	1,048,267	1,937,613	96%	25%	15%
SUB-PROGRAM 3: SMALL RESERVOIR IRRIGATION PROGRAM	1,113,478	1,113,478	453,651	856,388	270,738	-	659,827	257,090	182,912	585,650	77%	60%	32%
SUB-PROGRAM 4: SPECIAL IRRIGATION	3,971,883	3,971,883	1,524,313	3,657,069	948,834	-	2,447,570	314,814	575,479	2,708,235	92%	62%	26%
SUB-PROGRAM 5: EXTENSION/EXPANSION OF EXISTING IRRIGATION SYSTEMS	2,698,335	2,698,335	1,194,096	2,470,245	826,162	-	1,504,239	228,090	367,933	1,644,083	92%	69%	33%
<b>GRAND TOTAL</b>	<b>36,046,212</b>	<b>36,046,212</b>	<b>20,701,751</b>	<b>32,658,660</b>	<b>14,943,131</b>	<b>-</b>	<b>15,344,461</b>	<b>3,387,551</b>	<b>5,758,620</b>	<b>17,715,530</b>	<b>91%</b>	<b>72%</b>	<b>46%</b>
<b>OTHERS</b>													
I. CALAMITY FUND		320,516	320,516	156,926	10,056	-	(0)	163,590	310,460	146,870	49%	3%	6%
II. SECTION 9		821,627	-	277,247	28,816	-	821,627	544,380	(28,816)	248,431	34%		10%
<b>GRAND TOTAL</b>		<b>1,142,143</b>	<b>320,516</b>	<b>434,173</b>	<b>38,872</b>	<b>-</b>	<b>821,627</b>	<b>707,970</b>	<b>281,644</b>	<b>395,301</b>	<b>38%</b>	<b>12%</b>	<b>9%</b>



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**STATUS OF FUNDS**  
**GAA 2019**  
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PATICULARS	GAA	SARO	NCA	Obligation	Disbursement	BALANCES					UTILIZATION RATE		
						Unreleased SARO	Unfunded SARO	Unobligated SARO	Unutilized NCA	Unpaid Obligation	Obligation/ SARO	Disbursement/ NCA	Disbursement/ Obligation
	1	2	3	4	5	6=1-2	7=2-3	8=2-4	9=3-5	10=4-5	11=4/2	12=5/3	13=5/4
<b>PROGRAMS</b>													
<b>GENERAL ADMINISTRATION AND SUPPORT</b>													
1 Operating Requirement	4,714,977	4,714,977	4,714,977	4,240,540	2,858,891	-	-	474,437	1,856,086	1,381,649	90%	61%	67%
a. Operation Subsidy	2,009,516	2,009,516	2,009,516	1,665,927	1,016,233	-	-	343,589	993,283	649,694	83%	51%	61%
b. Irrigation Service Fee Subsidy	2,705,461	2,705,461	2,705,461	2,574,613	1,842,658	-	-	130,848	862,803	731,955	95%	68%	72%
2 Payment of NIA's Obligation to CE-Casencan for Water delivery fee	3,347,637	3,347,637	3,347,637	3,347,637	3,182,708	-	-	-	164,929	164,929	100%	95%	95%
3 Agri-Agra NDC Loan repayment	1,498,870	1,498,870	1,498,870	1,498,870	1,498,870	-	-	-	-	-	100%	100%	100%
4 Operation and Maintenance of NIS Pump Irrigation Systems	249,266	249,266	249,266	185,146	115,663	-	-	64,120	133,603	69,483	74%	46%	62%
5 Repair and Maintenance of Irrigation Systems	7,789,106	7,789,106	2,720,969	7,288,494	2,365,795	-	5,068,137	500,612	355,173	4,922,698	94%	87%	32%
a. Repair of National Irrigation System	4,491,254	4,491,254	1,454,166	4,255,222	1,414,351	-	3,037,088	236,032	39,815	2,840,871	95%	97%	33%
b. Repair of Communal Irrigation System	3,297,852	3,297,852	1,266,802	3,033,271	951,444	-	2,031,050	264,581	315,358	2,081,827	92%	75%	31%
6 Repair of Groundwater Pump Irrigation Systems	301,756	301,756	77,074	291,376	58,835	-	224,682	10,380	18,239	232,541	97%	76%	20%
a. Repair of Groundwater Pump Irrigation Systems-CIS	201,491	201,491	61,175	191,997	58,473	-	140,316	9,494	2,703	133,525	95%	96%	30%
b. Repair of Groundwater Pump Irrigation Systems-NIS	100,265	100,265	15,899	99,379	363	-	84,366	886	15,536	99,016	99%	2%	0%
<b>TOTAL GENERAL ADMINISTRATION AND SUPPORT</b>	<b>17,901,612</b>	<b>17,901,612</b>	<b>12,608,792</b>	<b>16,852,062</b>	<b>10,080,762</b>	-	<b>5,292,819</b>	<b>1,049,549</b>	<b>2,528,030</b>	<b>6,771,300</b>	<b>94%</b>	<b>80%</b>	<b>60%</b>
<b>SUPPORT TO OPERATIONS</b>													
1 Payment for ROW, Completion Works & Unpaid Claims and Damages of Completed Projects	200,483	200,483	200,483	-	-	-	-	200,483	200,483	-			
2 Heavy Equipment Procurement for Irrigation Systems	32,500	32,500	-	-	-	-	32,500	32,500	-	-			
3 Feasibility Study, Detailed Eng'g. & Pre-Eng'g. Activities (FSDE)	421,882	421,882	63,282	201,343	31,676	-	358,600	220,539	31,606	169,667	48%	50%	16%
4 Irrigation Management Transfer Support Services (IMTSS)	112,302	112,302	112,351	70,998	39,742	-	(49)	41,304	72,610	31,256	63%	35%	56%
<b>TOTAL SUPPORT TO OPERATIONS</b>	<b>767,167</b>	<b>767,167</b>	<b>376,116</b>	<b>272,341</b>	<b>71,418</b>	-	<b>391,051</b>	<b>494,826</b>	<b>304,699</b>	<b>200,924</b>	<b>35%</b>	<b>19%</b>	<b>26%</b>
<b>OPERATIONS</b>													
<b>PROGRAM 1: IRRIGATION SYSTEMS RESTORATION</b>	<b>3,018,990</b>	<b>3,018,990</b>	<b>1,488,150</b>	<b>2,856,610</b>	<b>1,446,637</b>	-	<b>1,530,840</b>	<b>162,380</b>	<b>41,513</b>	<b>1,409,972</b>	<b>95%</b>	<b>97%</b>	<b>51%</b>
<b>SUB-PROGRAM 1: NATIONAL IRRIGATION SYSTEMS</b>	<b>1,783,022</b>	<b>1,783,022.00</b>	<b>671,754.24</b>	<b>1,691,542.50</b>	<b>778,950.18</b>	-	<b>1,111,268</b>	<b>91,479</b>	<b>(107,196)</b>	<b>912,592</b>	<b>95%</b>	<b>116%</b>	<b>46%</b>
1 Restoration of National Irrigation System	209,023	209,023.00	94,289.43	198,569.02	78,697.41	-	114,734	10,454	15,592	119,872	95%	83%	40%
2 Lasang RIS Improvement Project, Davao Del Norte	165,184	165,184.00	49,139.25	163,464.65	69,312.25	-	116,045	1,719	(20,173)	94,152	99%	141%	42%
3 Agos RIS Improvement Project, Quezon	110,000	110,000.00	45,536.20	110,000.00	52,183.80	-	64,464	-	(6,648)	57,816	100%	115%	47%
4 Climate Change Adaptation Works (NIS)	547,931	547,931.00	229,570.64	511,307.51	263,580.51	-	318,360	36,623	(34,010)	247,727	93%	115%	52%
5 Coconut Slope Protection in National Irrigation Systems	136,030	136,030.00	37,157.46	126,170.75	41,758.31	-	98,873	9,859	(4,601)	84,412	93%	112%	33%
6 Improvement of Service Roads in National Irrigation Systems	614,854	614,854.00	216,061.26	582,030.57	273,417.90	-	398,793	32,823	(57,357)	308,613	95%	127%	47%
<b>SUB-PROGRAM 2: COMMUNAL IRRIGATION SYSTEM</b>	<b>688,385</b>	<b>688,385</b>	<b>282,793</b>	<b>624,185</b>	<b>246,419</b>	-	<b>405,592</b>	<b>64,200</b>	<b>36,374</b>	<b>377,767</b>	<b>91%</b>	<b>87%</b>	<b>39%</b>
1 Restoration of Communal Irrigation System	442,530	442,530	199,949	392,245	148,845	-	242,581	50,285	51,104	243,400	89%	74%	38%
2 Climate Change Adaptation Works (CIS)	192,831	192,831	71,068	180,064	84,433	-	121,763	12,767	(13,365)	95,631	93%	119%	47%
3 Improvement of Service Roads in Communal Irrigation Systems	53,024	53,024	11,776	51,876	13,140	-	41,248	1,148	(1,364)	38,736	98%	112%	25%
<b>SUB-PROGRAM 3: OTHER IRRIGATION SYSTEMS</b>	<b>547,583</b>	<b>547,583</b>	<b>533,603</b>	<b>540,882</b>	<b>421,268</b>	-	<b>13,980</b>	<b>6,701</b>	<b>112,335</b>	<b>119,613</b>	<b>99%</b>	<b>79%</b>	<b>78%</b>
1 Restoration of Groundwater Pump Irrigation System-CIS	19,034	19,034	5,054	16,126	6,999	-	13,980	2,908	(1,945)	9,126	85%	138%	43%
2 Comprehensive Agrarian Reform Program-IC (CARP-IC)	528,549	528,549	528,549	524,756	414,269	-	-	3,793	114,280	110,487	99%	78%	79%
<b>PROGRAM 2: IRRIGATION SYSTEMS DEVELOPMENT</b>	<b>14,358,443</b>	<b>14,358,443</b>	<b>6,228,691</b>	<b>12,677,647</b>	<b>3,344,313</b>	-	<b>8,129,752</b>	<b>1,680,796</b>	<b>2,884,378</b>	<b>9,333,334</b>	<b>88%</b>	<b>54%</b>	<b>26%</b>
<b>SUB-PROGRAM 1: NEW NATIONAL IRRIGATION SYS</b>	<b>4,192,493</b>	<b>4,192,493</b>	<b>1,663,338</b>	<b>3,411,305</b>	<b>953,552</b>	-	<b>2,529,155</b>	<b>781,188</b>	<b>709,786</b>	<b>2,457,753</b>	<b>81%</b>	<b>57%</b>	<b>28%</b>
1 Lower Agno River Irrigation System Improvement Project, Pangasinan	875,000	875,000	371,900	761,820	294,348	-	503,100	113,180	77,552	467,472	87%	79%	39%
2 Lower Sibuguey I RIS Ext'n. Project, Zamboanga Sibugay	137,337	137,337	30,625	46,290	6,172	-	106,712	91,047	24,453	40,118	34%	20%	13%
3 Lower Sibuguey II RIS Ext'n. Project, Zamboanga Sibugay	33,380	33,380	11,842	32,888	-	-	21,538	492	11,842	32,888	99%		
4 Ilocos Norte Irrigation Project, Stage II, Ilocos Norte	200,000	200,000	65,187	101,223	1	-	134,813	98,777	65,186	101,222	51%	0%	0%
5 Lower Apayao River Irrigation Project, Apayao	50,000	50,000	20,700	47,947	1,608	-	29,300	2,053	19,092	46,339	96%	8%	3%
6 Tumauni River Multipurpose Project, Isabela	200,000	200,000	55,917	173,081	44,806	-	144,083	26,919	11,111	128,275	87%	80%	26%
7 Balog-Balog MPIP, Phase II, Tarlac	400,000	400,000	279,766	317,317	72,046	-	120,234	82,683	207,721	245,272	79%	26%	23%
8 North Lawis Irrigation Project, Zambales	116,000	116,000	30,943	114,558	44,060	-	85,057	1,442	(13,657)	69,957	99%	144%	39%
9 Quipot River Irrigation Project, Quezon	200,000	200,000	41,171	200,000	32,877	-	158,829	-	8,294	167,123	100%	80%	16%
10 Bongabong River Irrigation Project, Oriental Mindoro	311,066	311,066	65,844	272,304	30,516	-	245,222	38,762	35,328	241,788	88%	46%	11%



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

**STATUS OF FUNDS**  
**GAA 2019**  
as of December 31, 2019 - Final Revision

PATICULARS	GAA	SARO	NCA	Obligation	Disbursement	BALANCES					UTILIZATION RATE		
						Unreleased SARO	Unfunded SARO	Unobligated SARO	Unutilized NCA	Unpaid Obligation	Obligation/ SARO	Disbursement/ NCA	Disbursement/ Obligation
	1	2	3	4	5	6=1-2	7=2-3	8=2-4	9=3-5	10=4-5	11=4/2	12=5/3	13=5/4
11 Panay River Basin Integrated Dev't Project, Iloilo & Capiz	200,000	200,000	118,654	77,120	12,374	-	81,346	122,880	106,280	64,746	39%	10%	16%
12 Amlan Irrigation Project, Negros Oriental	100,000	100,000	32,969	91,402	22,763	-	67,031	8,598	10,207	68,639	91%	69%	25%
13 Sta. Agueda-Datagon Irrigation Project, Negros Oriental	50,000	50,000	18,000	44,566	6,869	-	32,000	5,434	11,131	37,697	89%	38%	15%
14 Malinao Dam Improvement Project, Bohol	200,000	200,000	33,734	190,645	56,512	-	166,266	9,355	(22,778)	134,133	95%	168%	30%
15 Bohol Northeast Basin Multipurpose Project, Bohol	100,000	100,000	30,171	86,001	11,966	-	69,829	13,999	18,205	74,035	86%	40%	14%
16 Malitubog-Maridagao Irrigation Project Phase II, North Cotabato	400,000	400,000	135,890	400,000	131,314	-	264,110	-	4,576	268,686	100%	97%	33%
17 Kabunanan 2 Multipurpose Project, Sultan Kudarat & Maguindanao	114,710	114,710	44,931	53,645	5,216	-	69,779	61,065	39,715	48,429	47%	12%	10%
18 Tandubas Irrigation Project, Tawi-Tawi	40,000	40,000	14,000	37,904	19,818	-	26,000	2,096	(5,818)	18,086	95%	142%	52%
19 Lebak Integrated River Irrigation Project, Sultan Kudarat	15,000	15,000	17,250	4,373	2,082	-	(2,250)	10,627	15,168	2,290	29%	12%	48%
20 Ditsaan-Ramain River IP, Lanao del Sur	50,000	50,000	17,500	44,630	3,009	-	32,500	5,370	14,491	41,621	89%	17%	7%
21 Sapalan Irrigation Project, Maguindanao	300,000	300,000	126,344	227,324	86,395	-	173,656	72,676	39,948	140,929	76%	68%	38%
<b>FOREIGN-ASSISTED PROJECT</b>													
22 Jalaur River Multipurpose Project-Stage II, Iloilo	100,000	100,000	100,000	86,268	68,260	-	-	13,732	31,740	18,007	86%	68%	79%
<b>SUB-PROGRAM 2: ESTABLISHMENT OF PUMP IRRIGATION</b>	<b>2,382,254</b>	<b>2,382,254</b>	<b>1,393,294</b>	<b>2,282,640</b>	<b>345,027</b>	-	<b>988,960</b>	<b>99,614</b>	<b>1,048,267</b>	<b>1,937,613</b>	<b>96%</b>	<b>25%</b>	<b>15%</b>
1 Alfonso Lista Pump IP, Ifugao	411,850	411,850	69,459	407,258	4,108	-	342,391	4,592	65,351	403,150	99%	6%	1%
<b>FOREIGN-ASSISTED PROJECT</b>													
2 Chico River Pump Irrigation Project, Cagayan	852,000	852,000	937,554	807,189	14,533	-	(85,554)	44,811	923,021	792,656	95%	2%	2%
Peso Counterpart	467,246	467,246	467,246	422,435	14,533	-	-	44,811	452,713	407,902	90%	3%	3%
Loan Proceeds	384,754	384,754	470,308	384,754	-	-	(85,554)	-	470,308	384,754	100%		
3 Establishment of Groundwater Pump Irrigation Project (EGPIP)	1,118,404	1,118,404	386,281	1,068,193	326,386	-	732,123	50,211	59,895	741,807	96%	84%	31%
<b>SUB-PROGRAM 3: SMALL RESERVOIR IRRIGATION PROJECTS</b>	<b>1,113,478</b>	<b>1,113,478</b>	<b>453,651</b>	<b>856,388</b>	<b>270,738</b>	-	<b>659,827</b>	<b>257,090</b>	<b>182,912</b>	<b>585,650</b>	<b>77%</b>	<b>60%</b>	<b>32%</b>
1 Barbar Small Reservoir Irrigation Project, Ilocos Sur	20,210	20,210	9,742	3,463	-	-	10,468	16,747	6,279	-	17%	36%	100%
2 Sulvec Small Reservoir Irrigation Project, Ilocos Norte	50,000	50,000	30,054	29,992	3,953	-	19,946	20,008	26,101	26,039	60%	13%	13%
3 Gaco Small Reservoir Irrigation Project, Ilocos Sur	135,000	135,000	47,250	-	-	-	87,750	135,000	47,250	-			
4 Dumuloc Small Reservoir Irrigation Project, Ilocos Norte	20,000	20,000	11,772	11,459	332	-	8,228	8,541	11,440	11,127	57%	3%	3%
5 Bayaas Small Reservoir Irrigation Project, Pangasinan	20,000	20,000	14,678	8,214	-	-	5,322	11,786	14,678	8,214	41%		
6 Marimay Small Reservoir Irrigation Project, Apayao	23,500	23,500	8,369	21,161	460	-	15,131	2,339	7,910	20,701	90%	5%	2%
7 Bulao Small Reservoir Irrigation Project, Bulacan	50,000	50,000	13,933	44,696	419	-	36,067	5,304	13,514	44,277	89%	3%	1%
8 Upper Tabuating Reservoir Irrigation Project, N. Ecija	20,000	20,000	8,000	7,702	2,620	-	12,000	12,298	5,380	5,083	39%	33%	34%
9 Balbalungao Small Reservoir Irrigation Project, Nueva Ecija	160,000	160,000	43,345	155,706	7,985	-	116,655	4,294	35,360	147,721	97%	18%	5%
10 Macalelon Small Reservoir Irrigation Project, Quezon	100,000	100,000	69,980	100,000	23,981	-	30,020	-	45,999	76,019	100%	34%	24%
11 Ibingan Small Reservoir Irrigation Project, Sorsogon	10,000	10,000	11,500	2,652	2,355	-	(1,500)	7,348	9,145	297	27%	20%	89%
12 Bayuyan Small Reservoir Irrigation Project, Capiz	80,000	80,000	26,400	77,108	34,637	-	53,600	2,892	(8,237)	42,471	96%	131%	45%
13 Cabano Small Reservoir Irrigation Project, Guimaras	20,000	20,000	23,000	17,811	366	-	(3,000)	2,189	22,634	17,445	89%	2%	2%
14 Benliw Small Reservoir Irrigation Project, Bohol	67,355	67,355	22,637	62,816	30,895	-	44,718	4,539	(8,258)	31,921	93%	136%	49%
15 Bonot-Bonot Small Reservoir Irrigation Project, Bohol	100,000	100,000	35,370	96,805	50,362	-	64,630	3,195	(14,991)	46,443	97%	142%	52%
16 Calunasan Small Reservoir Irrigation Project, Bohol	50,000	50,000	11,426	46,586	23,174	-	38,574	3,414	(11,748)	23,412	93%	203%	50%
17 Hibale Small Reservoir Irrigation Project, Bohol	50,000	50,000	10,775	47,067	19,297	-	39,225	2,933	(8,522)	27,770	94%	179%	41%
18 Hibulangan Small Reservoir Irrigation Project, Northern Leyte	87,413	87,413	39,473	79,482	61,572	-	47,940	7,931	(22,099)	17,910	91%	156%	77%
19 Tulunan Small Reservoir Irrigation Project, North Cotabato	50,000	50,000	15,946	43,668	4,869	-	34,054	6,332	11,077	38,799	87%	31%	11%
<b>SUB-PROGRAM 4: SPECIAL IRRIGATION</b>	<b>3,971,883</b>	<b>3,971,883</b>	<b>1,524,313</b>	<b>3,657,069</b>	<b>948,834</b>	-	<b>2,447,570</b>	<b>314,814</b>	<b>575,479</b>	<b>2,708,235</b>	<b>92%</b>	<b>62%</b>	<b>26%</b>
1 Small Irrigation Project (SIP), Nationwide	3,838,600	3,838,600	1,495,113	3,533,742	933,111	-	2,343,487	304,858	562,002	2,600,631	92%	62%	26%
2 Balikatan Sagip Patubig Program (BSPP)	133,283	133,283	29,201	123,327	15,723	-	104,082	9,956	13,477	107,604	93%	54%	13%
<b>SUB-PROGRAM 5: EXTENSION/EXPANSION OF EXISTING IRRIGATION SYSTEMS</b>	<b>2,698,335</b>	<b>2,698,335</b>	<b>1,194,096</b>	<b>2,470,245</b>	<b>826,162</b>	-	<b>1,504,239</b>	<b>228,090</b>	<b>367,933</b>	<b>1,644,083</b>	<b>92%</b>	<b>69%</b>	<b>33%</b>
1 Extension/Expansion of Existing Irrigation System (NIS)	1,431,314	1,431,314	699,775	1,288,834	482,059	-	731,539	142,480	217,716	806,775	90%	69%	37%
2 Extension/Expansion of Existing Irrigation System (CIS)	1,267,021	1,267,021	494,320	1,181,411	344,103	-	772,701	85,610	150,217	837,308	93%	70%	29%
<b>TOTAL OPERATIONS</b>	<b>17,377,433</b>	<b>17,377,433</b>	<b>7,716,842</b>	<b>15,534,257</b>	<b>4,790,951</b>	-	<b>9,660,591</b>	<b>1,843,176</b>	<b>2,925,891</b>	<b>10,743,306</b>	<b>89%</b>	<b>62%</b>	<b>31%</b>



Republika ng Pilipinas  
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**STATUS OF FUNDS**  
**GAA 2019**  
 as of December 31, 2019 - Final Revision

PATICULARS	GAA	SARO	NCA	Obligation	Disbursement	BALANCES					UTILIZATION RATE		
						Unreleased SARO	Unfunded SARO	Unobligated SARO	Unutilized NCA	Unpaid Obligation	Obligation/ SARO	Disbursement/ NCA	Disbursement/ Obligation
	1	2	3	4	5	6=1-2	7=2-3	8=2-4	9=3-5	10=4-5	11=4/2	12=5/3	13=5/4
<b>GRAND TOTAL</b>	36,046,212	36,046,212	20,701,751	32,658,660	14,943,131	-	15,344,461	3,387,551	5,758,620	17,715,530	91%	72%	46%
<b>OTHERS</b>													
<b>CALAMITY FUND</b>													
1 National Disaster Risk Reduction and Management Fund		320,516	320,516	156,926	10,056	-	(0)	163,590	310,460	146,870	49%	3%	6%
<b>SECTION 9</b>													
1 Extension/Expansion of Existing Irrigation System (CIS)		5,000	-	5,000	-	-	5,000	-	-	5,000	100%		
2 Climate Change Adaptation Works (CIS)		3,000	-	3,000	-	-	3,000	-	-	3,000	100%		
3 Climate Change Adaptation Works (NIS)		15,000	-	15,000	-	-	15,000	-	-	15,000	100%		
4 Extension/Expansion of Existing Irrigation System (NIS)		25,000	-	-	-	-	25,000	25,000	-	-			
5 Repair of Communal Irrigation System		66,000	-	10,000	-	-	66,000	56,000	-	10,000	15%		
6 Repair of National Irrigation System		240,000	-	113,492	1,402	-	240,000	126,508	(1,402)	112,090	47%		1%
7 Restoration of Communal Irrigation System		7,000	-	-	-	-	7,000	7,000	-	-			
8 Improvement of Service Roads in National Irrigation Systems		115,000	-	35,000	-	-	115,000	80,000	-	35,000	30%		
9 Small Irrigation Project (SIP), Nationwide		69,000	-	49,126	-	-	69,000	19,874	-	49,126	71%		
10 Balog-Balog MPIP, Phase II, Tarlac		82,000	-	46,629	27,413	-	82,000	35,371	(27,413)	19,216	57%		59%
11 Casecnan Multipurpose Irrigation and Power Project, Phase II, Nueva Ecija		164,360	-	-	-	-	164,360	164,360	-	-			
12 Pinipisakan Irrigation Project, Northern Samar		30,267	-	-	-	-	30,267	30,267	-	-			
<b>TOTAL SECTION 9</b>		821,627	-	277,247	28,816	-	821,627	544,380	(28,816)	248,431	34%		10%
<b>GRAND TOTAL</b>		1,142,143	320,516	434,173	38,872	-	821,627	707,970	281,644	395,301	38%	12%	9%



**PROJECT PREPARATION ACTIVITIES**  
**FEASIBILITY STUDY AND DETAILED ENGINEERING FOR IRRIGATION PROJECTS**

As of 31 DECEMBER 2019

REGION	CY 2019 PROGRAM & ACCOMPLISHMENT						
	ALLOCATION (P'000)	NUMBER OF PROJECTS					
		PROGRAM		COMPLETED			
				No. of Projects		%	
		FS	DE	FS	DE	FS	DE
CAR	10,065	8	11	6	11	75	100
1	32,700	11	3	4	0	36	-
2 (Proper)	24,995	11	14	3	1	27	7
3 (Proper)	15,000	20	12	8	6	40	50
3 UPRIS	45,000	0	1	0	0	-	-
4-A	20,000	0	1	0	0	-	-
4-B	4,421	9	9	5	1	56	11
5	20,000	6	9	1	0	17	-
6	36,000	15	11	8	5	53	45
7	30,000	1	0	0	0	-	-
8	-	0	0	0	0	-	-
9	10,000	3	2	0	0	-	-
10	28,882	2	4	0	0	-	-
11	8,750	7	6	4	1	57	17
12	76,750	7	14	4	11	57	79
13	10,000	13	14	0	0	-	-
Central Office	49,260	10	11	2	3	20	27
<b>TOTAL</b>	<b>421,822</b>	<b>123</b>	<b>122</b>	<b>45</b>	<b>39</b>	<b>37</b>	<b>32</b>

**STATUS OF IRRIGATION DEVELOPMENT  
BASED ON INVENTORY  
as of December 31, 2019  
In Hectares**

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	19,345.50	55,746.40	21,697.50	3,534.52	100,323.92	90.14	10,971.73
REGION 1	264,491.00	69,695.44	65,250.65	20,009.20	49,422.33	204,377.62	77.27	60,113.38
REGION 2	457,246.76	181,794.35	54,274.12	43,544.52	20,809.00	300,421.99	65.70	156,824.77
REGION 3	483,830.18	235,984.15	78,997.53	8,954.65	18,325.79	342,262.12	70.74	141,568.06
REGION 4A	85,929.00	29,092.10	25,179.38	6,789.00	2,408.00	63,468.48	73.86	22,460.52
REGION 4B	143,558.95	30,950.46	46,021.63	13,761.71	12,596.00	103,329.80	71.98	40,229.15
REGION 5	239,440.00	24,018.92	76,628.84	24,932.00	17,423.82	143,003.58	59.72	96,436.42
REGION 6	191,253.16	55,404.23	43,228.67	15,103.27	14,592.80	128,328.97	67.10	62,924.20
REGION 7	53,674.35	12,237.80	35,422.00	3,485.00	1,462.50	52,607.30	98.01	1,067.05
REGION 8	91,982.90	26,868.50	40,704.99	5,815.75	2,751.00	76,140.24	82.78	15,842.66
REGION 9	93,706.00	22,190.99	27,468.98	1,944.00	3,481.00	55,084.97	58.78	38,621.03
REGION 10	121,122.69	33,544.29	32,144.86	4,568.54	5,362.25	75,619.94	62.43	45,502.75
REGION 11	177,546.92	38,769.74	31,628.73	1,085.00	1,585.27	73,068.74	41.15	104,478.18
REGION 12	293,226.24	71,922.15	41,536.72	2,840.00	10,276.00	126,574.87	43.17	166,651.37
REGION 13	160,176.75	34,027.38	33,088.75	3,113.00	6,285.00	76,514.13	47.77	83,662.62
ARMM	160,150.45	28,473.37	21,761.05	90.00	295.00	50,619.42	31.61	109,531.03
<b>Total</b>	<b>3,128,631.00</b>	<b>914,319.37</b>	<b>709,083.30</b>	<b>177,733.14</b>	<b>170,610.28</b>	<b>1,971,746.08</b>	<b>63.02</b>	<b>1,156,884.92</b>

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.

**SERVICE AND IRRIGATED AREA OF NATIONAL IRRIGATION SYSTEMS**  
**CROP YEAR 2018-2019**  
**As of December 31, 2019**

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	3	26,187	22,941	16,462	18,444	112.04	16,886	18,349	108.67	-	-	-	140.51	160.39
1	28	63,609	50,832	42,312	45,854	108.37	36,339	39,454	108.57	1,841	3,230	175.46	139.19	174.18
2	19	66,732	63,631	48,412	50,515	104.34	53,521	56,185	104.98	-	-	-	159.89	167.68
MRIIS	3	100,451	86,887	84,301	85,336	101.23	84,625	85,068	100.52	-	9,643	-	179.24	207.22
3	12	82,972	72,546	47,759	52,320	109.55	48,819	50,217	102.86	-	739	-	124.47	142.36
UPRIIS	21	136,981	133,268	124,851	137,918	110.47	126,868	138,743	109.36	-	3,846	-	194.72	199.88
4-A	39	29,034	20,679	15,941	16,410	102.94	15,864	16,167	101.91	185	383	206.88	113.52	159.39
4-B	12	30,732	22,264	20,000	21,284	106.42	18,527	20,322	109.69	1,169	1,273	108.91	139.52	192.59
5	17	24,016	24,001	20,602	20,999	101.93	20,379	20,585	101.01	-	177	-	173.89	174.00
6	13	53,885	47,060	43,971	44,486	101.17	32,984	34,598	104.89	5,208	6,786	130.30	159.36	182.47
7	4	12,211	10,678	8,702	6,091	70.00	8,702	8,762	100.69	1,125	-	-	121.64	139.10
8	19	22,654	22,390	19,858	19,819	99.81	19,586	19,563	99.88	-	-	-	173.85	175.90
9	4	16,408	15,833	15,034	17,967	119.51	15,034	17,882	118.94	-	641	-	222.39	230.47
10	10	37,965	31,481	24,306	23,658	97.33	20,513	20,202	98.48	1,189	1,034	86.99	118.25	142.61
11	9	38,763	36,081	32,138	31,254	97.25	32,038	29,952	93.49	-	-	-	157.90	169.63
12	19	92,244	85,478	75,537	76,855	101.74	75,574	76,048	100.63	-	3,496	-	169.55	182.97
13	10	33,302	29,243	23,044	23,425	101.66	23,428	23,402	99.89	-	-	-	140.62	160.13
<b>TOTAL</b>	<b>242</b>	<b>868,146</b>	<b>775,293</b>	<b>663,230</b>	<b>692,635</b>	<b>104.43</b>	<b>649,687</b>	<b>675,498</b>	<b>103.97</b>	<b>10,717</b>	<b>31,248</b>	<b>291.57</b>	<b>161.19</b>	<b>180.50</b>

NOTE:

a/ - Inventory as of December 31, 2018

Dry Season - November 2018 to April 2019

Wet Season - May 2019 to October 2019

Regions 8 &amp; 13 have inverted cropping season

**SERVICE AND IRRIGATED AREA OF COMMUNAL IRRIGATION SYSTEMS**  
**CROP YEAR 2018-2019**  
**As of December 31, 2019**

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	2,233	55,775	52,726	38,163	38,391	100.60	39,693	38,391	96.72	4,000	4,000	100.00	144.83	153.21
1	924	62,218	57,690	41,908	44,972	107.31	30,805	32,002	103.89	1,967	1,911	97.15	126.79	136.74
2	861	55,319	54,381	38,739	40,426	104.35	39,179	40,715	103.92	-	-	-	146.68	149.21
3	413	78,792	71,162	51,616	53,594	103.83	46,019	46,746	101.58	-	-	-	127.35	141.00
4-A	457	23,954	21,528	16,101	16,920	105.09	16,101	16,386	101.77	-	-	-	139.04	154.71
4-B	281	42,708	38,037	31,506	32,781	104.04	31,222	31,531	100.99	1,601	1,690	105.56	154.54	173.52
5	829	76,189	51,920	35,833	34,768	97.03	35,934	35,672	99.27	-	-	-	92.45	135.67
6	810	41,228	34,080	25,032	27,486	109.80	22,124	24,268	109.69	1,099	2,250	204.70	130.99	158.46
7	480	32,030	26,609	24,238	22,248	91.79	24,387	24,063	98.67	3,731	3,647	97.75	155.97	187.75
8	477	38,577	37,741	23,111	23,896	103.40	22,589	23,772	105.24	-	-	-	123.57	126.30
9	360	31,959	25,285	18,404	18,513	100.59	18,404	16,904	91.85	200	-	-	110.82	140.07
10	248	33,572	30,910	18,389	19,294	104.92	17,957	18,766	104.50	-	82	-	113.61	123.40
11	125	29,065	28,178	20,975	21,342	101.75	19,740	21,542	109.13	-	-	-	147.54	152.19
12	345	50,700	46,906	34,578	36,392	105.24	33,155	34,071	102.76	-	-	-	138.98	150.22
13	217	25,479	22,848	14,625	13,335	91.18	14,625	10,470	71.59	-	-	-	93.43	104.19
<b>TOTAL</b>	<b>9,060</b>	<b>677,566</b>	<b>600,000</b>	<b>433,218</b>	<b>444,357</b>	<b>102.57</b>	<b>411,934</b>	<b>415,298</b>	<b>100.82</b>	<b>12,598</b>	<b>13,580</b>	<b>107.79</b>	<b>128.88</b>	<b>145.54</b>

NOTE:

a/ - Inventory as of December 31, 2018

Dry Season - November 2018 to April 2019

Wet Season - May 2019 to October 2019

Regions 8 &amp; 13 have inverted cropping season

## IDP AND IMT ACCOMPLISHMENT

PARTICULARS		NIS	CIS	NIP/SIS/SRIS	TOTAL
<b>As of December 31, 2019 (Overall)</b>					
<b>IA ORGANIZED</b>					
-	Number of IAs	2,925	5,484	1,295	9,704
-	Area Covered (ha.)	779,996.43	524,770.81	158,622.72	1,463,389.96
-	Farmer-Beneficiaries	614,106	456,413	116,648	1,187,167
-	Members	550,680	414,913	75,425	1,041,018
<b>IA REGISTERED</b>					
-	Number of IAs	2,889	5,198	1,133	9,220
-	Area Covered (ha.)	776,440.47	504,898.02	143,371.02	1,424,709.51
-	Farmer-Beneficiaries	610,220	443,448	104,977	1,158,645
-	Members	546,399	409,316	65,795	1,021,510
<b>MODIFIED IMT CONTRACTS</b>					
-	Number of IAs	2,842	4,700	179	7,721
-	Area Covered (ha.)	729,163.08	409,266.39	9,370.91	1,147,800.38
-	Farmer-Beneficiaries	604,627	371,412	9,068	985,107
-	Members	541,863	344,233	8,326	894,422
<b>CIS O&amp;M TURNOVER</b>					
-	Number of IAs	N/A	5,182	389	5,571
-	Area Covered (ha.)	N/A	468,450.60	31,455.26	499,906
-	Farmer-Beneficiaries	N/A	394,290	21,959	416,249
-	Members		384,192	20,069	404,261
<b>For CY 2019 (For the Year)</b>					
<b>IA STRENGTHENING</b>					
-	Number of IAs				2,468
-	Area Covered (ha.)				144,958.45
-	Farmer-Beneficiaries				335,102
<b>IA SUSTENANCE</b>					
-	Number of IAs				2,679
-	Area Covered (ha.)				684,817.53
-	Farmer-Beneficiaries				507,090
<b>MODIFIED IMT CONTRACTS</b>					
•	<b>New Contract</b>				
-	Number of IAs				2,843
-	Area Covered (ha.)				195,552.25
-	Farmer-Beneficiaries				184,818
<b>CAPACITY BUILDING FOR IA</b>					
-	Number of IAs				7,547
-	Number of Batches				9,927
-	Number of Participants				240,208
<b>CAPACITY BUILDING FOR STAFF</b>					
-	Number of Batches				1,390
-	Number of Participants				33,959
<b>ASSISTANCE PROGRAM/INTER-AGENCY COORDINATION</b>					
-	Number of IAs				4,751
-	Number of Batches				4,067
-	Number of Participants				89,910

**STATUS OF NIA EQUIPMENT**  
As of December 31, 2019

Region/ Office	Heavy Equipment (H)				Light Equipment (L)				Other Equipment (O)				Special Equipment (S)				Total					Percent Operable (%)				Overall Percent Operability
	A1	A2	A3	R	A1	A2	A3	R	A1	A2	A3	R	A1	A2	A3	R	H	L	O	S	TOTAL	H	L	O	S	
1	5	14	11	-	45	59	2	7	1	33	-	3	-	10	-	-	30	113	37	10	190	63	98	100	100	93
2	8	20	8	10	16	143	3	17	8	29	9	30	-	1	1	-	46	179	76	2	303	78	98	80	50	91
3	2	23	5	9	55	117	14	94	11	54	5	18	1	6	2	3	39	280	88	12	419	83	92	93	78	91
4-A	4	15	-	2	30	95	14	7	1	7	2	11	1	3	1	-	21	146	21	5	193	100	90	80	80	90
4-B	1	14	7	9	41	50	37	50	3	7	4	23	-	-	-	-	31	178	37	-	246	68	71	71	-	71
5	1	7	10	14	5	58	15	79	-	23	11	67	4	4	2	1	32	157	101	11	301	44	81	68	80	73
6	6	21	17	19	41	124	18	27	2	26	30	73	2	10	2	4	63	210	131	18	422	61	90	48	86	78
7	2	15	11	12	7	91	18	39	35	42	18	43	1	-	-	-	40	155	138	1	334	61	84	81	-	80
8	2	14	14	5	10	82	12	41	-	64	7	53	-	1	-	-	35	145	124	1	305	53	88	90	100	84
9	2	6	5	2	27	23	7	6	17	8	2	12	1	-	-	1	15	63	39	2	119	62	88	93	-	86
10	2	22	12	15	16	92	6	20	5	7	2	1	-	-	-	-	51	134	15	-	200	67	95	86	-	88
11	4	19	10	1	35	50	3	10	55	35	4	-	2	3	1	-	34	98	94	6	232	70	97	96	83	92
12	2	38	28	14	21	115	28	135	4	25	13	54	-	-	-	-	82	299	96	-	477	59	83	69	-	75
13	4	22	24	29	35	157	58	112	-	59	8	63	2	15	-	7	79	362	130	24	595	52	77	88	100	77
CAR	2	4	5	2	29	35	16	12	1	3	3	2	-	-	-	-	13	92	9	-	114	55	80	57	-	76
MRIIS	13	12	4	9	41	128	12	26	33	35	5	11	9	9	-	1	38	207	84	19	348	86	93	93	100	93
UPRIIS	2	16	3	1	18	124	9	15	22	20	1	9	8	-	-	-	22	166	52	8	248	86	94	98	100	94
BBMP	1	1	3	-	14	12	6	-	9	6	-	-	-	-	-	-	5	32	15	-	52	40	81	100	-	83
ARIIP	-	-	-	-	-	6	-	-	-	1	-	-	-	-	-	-	-	6	1	-	7	-	100	100	-	100
HCAAP	3	-	4	-	4	15	5	5	-	23	2	1	-	36	-	-	7	29	26	36	98	43	79	92	100	88
CO	-	-	-	-	23	15	-	-	-	-	-	-	-	-	-	-	-	38	-	-	38	-	100	-	-	100
CMIP	-	-	-	-	-	6	1	-	-	-	-	-	-	-	-	-	-	7	-	-	7	-	86	-	-	86
JRMP2	7	-	-	-	50	1	-	-	23	-	-	-	-	-	-	-	7	51	23	-	81	100	100	100	-	100
<b>TOTAL</b>	<b>73</b>	<b>283</b>	<b>181</b>	<b>153</b>	<b>563</b>	<b>1,598</b>	<b>284</b>	<b>702</b>	<b>230</b>	<b>507</b>	<b>126</b>	<b>474</b>	<b>31</b>	<b>98</b>	<b>9</b>	<b>17</b>	<b>690</b>	<b>3,147</b>	<b>1,337</b>	<b>155</b>	<b>5,329</b>	<b>66</b>	<b>88</b>	<b>85</b>	<b>93</b>	<b>85</b>

**NOTE:**

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

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

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

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