

Particulars	8						9						10									
Accountable Operational Units	National Soil and Water Resources Research and Development Center - for Lowland Upland Pedo-Ecological Zone (NSWRRDC LUPEZ)						National Soil and Water Resources Research and Development Center for Hillyland Pedo-Ecological Zone (NSWRRDC HILLPEZ)						National Soil and Water Resources Research and Development Center for Highland Pedo-Ecological Zone (NSWRRDC HIGHPEZ)									
Functions	Mandate: To undertake applied and location-specific researches on soil and water in respective three pedo-ecological zones (lowland-upland, hillyland, highland) To screen and validates appropriate agro-technologies and best practices gathered from successful farmers, indigenous communities, academe and research institutions and other practitioners for adoption and use for sustainable agriculture. To showcase cost efficient, socially acceptable and environment friendly soil and water management technologies. Functions: • Provide and maintain experimental site for conduct of upstream researches by the SWRRD on lowland, hillyland and highland pedo-ecological zones relating to soil physics and mineralogy, soil biology, soil and water conservation, cropping pattern, land use, organic agriculture, protective and conventional farming and relevant researches that address emerging issues on land degradation, agro-biodiversity and climate change; • Develop plans, programs and projects for lowland, hillyland and highland pedo-ecological zones in accordance with the national soil and water research and development agenda; • Undertake all aspects of soil and water midstream researches on lowland, hillyland and highland ecosystem; • Develop knowledge products on cost-efficient practices and environment-friendly technologies on lowland, hillyland and highland pedo-ecological zones; • Ensure proper maintenance and operation of machineries, equipment and research facilities; • Develop and manage research infrastructure and data base for soil and water researches on lowland, hillyland and highland pedo-ecological zones in coordination with concerned divisions of the Bureau; • Prepare and implement capability building programs through participatory trainings, field visits and seminars for agricultural students, farmers, agricultural technicians, LGUs and other interested clientele on highland agriculture technologies; • Undertake validation and demonstration of agro-technologies relating to soil conservation, fertility management, water resources management, organic and protective agriculture in lowland, hillyland and highland pedo-ecological zones; • In coordination with interested clientele, promote validated and tested technologies on soil and water management in selected areas of lowland, hillyland, and highland agriculture; • In coordination with WRMD, generate agronet data as representative of highland conditions for real time data processing.																					
Programs (CY 2023)	NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR LOWLAND-UPLAND PEDO-ECOLOGICAL ZONE (NSWRRDC LUPEZ) Regular Functions Other Research and Development Activities		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR LOWLAND-UPLAND PEDO-ECOLOGICAL ZONE (NSWRRDC LUPEZ) Planning and Policy Formulation for Soil and Water Resources Conservation, Management and Development Other R&D		(NSWRRDC LUPEZ) National Organic Agriculture Program: Effect of Vermitees from Different source of compost materials as Nutrient Solution on Growth and Yield of Various Crops under Re-Circulating Hydroponics Condition Other Research and Development Activities		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR HILLYLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HILLPEZ) Other Research and Development Activities		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR HILLYLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HILLPEZ) Other R&D		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR HILLYLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HILLPEZ) Other R&D		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR UPLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HIGHPEZ) Support to Operations (STO)		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR UPLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HIGHPEZ) (R&D Subprogram)		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR UPLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HIGHPEZ) Land Resources Evaluation, Characterization and Classification of Soil for the proposed Upland Research and Demonstration Center in Marilog District, Davao City (R&D Subprogram)		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR UPLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HIGHPEZ) Other R&D		NATIONAL SOIL AND WATER RESOURCES RESEARCH AND DEVELOPMENT CENTER FOR UPLAND PEDO-ECOLOGICAL ZONE (NSWRRDC HIGHPEZ) Other R&D	
Outputs Expected (efficiency targets) (CY 2023)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)
	Property, Plant and Equipment maintained	10	Long-term Research Study on the Influence of Vermicompost Application on Growth, Yield, and Quality of Selected Vegetable Crops	No. of Croppings conducted	13	Number of R&D studies conducted/implemented (continuing)	2	Number of R&D studies conducted/implemented (continuing)	1	Number of maps prepared/derived	15	Planning and Policy Formulation For Soils And Water Resources Conservation, Management and Development		Technical and Support Services Program		Technical and Support Services Program		Long-term Research Study on the Influence of Vermicompost Application on Growth, Yield, and Quality of Selected Vegetable Crops	Output 6A: Target Staff provided with L&D Intervention Learning and Development Activities		1	
	Staff undertaken L&D interventions	13	No. of Croppings conducted	4	No. of Water Samples Analyzed	360	Number of Soil Water Management Technology demonstration established	1	Amount of vermicast produced (tons)	6	Number of soil, land and water management techno-demonstrations maintained/ rehabilitated/ monitored	12	Output 6A: Target Staff provided with L&D Intervention Learning and Development Activities	11	Research and Development Sub-Program		Research and Development Sub-Program		Number of R&D studies conducted	*1	Output 14 A: Capacity Building/Enhancement Activities Conducted Capacity Building on the Enhancement of Soil and Water Conservation Technologies in the Uplands	2
	Capacity building/enhancement activities conducted (for customers)	2	No. of soil samples analyzed	72	No. of Plant Tissue Samples Analyzed	180	Number of Soil Water Management Technology demonstration maintained	2	Amount of mikusaku produced (liters)	200	Number of R&D studies conducted/implemented (continuing)	1	Output 14 A: Capacity Building/Enhancement Activities Conducted Capacity Building on the Enhancement of Soil and Water Conservation Technologies in the Highlands	3	Output 24 A: Plans/ programs/ proposals submitted to the Research and Development Studies (RDS) Review Committee New Soil and Water Research Proposals	2	Output 24 A: Plans/ programs/ proposals submitted to the Research and Development Studies (RDS) Review Committee	1	Amount of vermicast produced (tons) Vermicast	4	Target participants	40
	Participants Trained	50	No. of Data Statistical Analyzed	300	No. of Liter Vermitea Produced	14,400	Number of staff with learning and Development activities attended (staff capacity building)	13	Amount of vermitea produced (liters)	500			Target participants	125	Output 24 B: Soil and Water R&D studies and activities conducted (Regular Fund)-conducted		Output 24 B: Soil and Water R&D studies and activities conducted (Regular Fund)-conducted		Amount of wood vinegar produced (liters) Wood vinegar	120	Output 15 C: Information Education Communication (IEC) Materials IEC materials on soil and water conservation technologies and various programs and projects of BSWM	200
	Information Education Communication (IEC) materials disseminated	500	No. of Reports submitted/presented to funding agency	4	No. of Kilos Vermicast Produced	1,800	Number of trainings conducted (client capacity building)	3	Amount of biopesticides produced (seedlings)	500			Output 15 C: Information Education Communication (IEC) Materials IEC materials on soil and water conservation technologies and various programs and projects of BSWM	450	1 Potential of Thiorosa diversifolia (Wild Sunflower)-based Vermicompost on Growth and Yield of Carrots (2019-2022)	1	Land Resources Evaluation, Characterization and Classification of Soil for the proposed Upland Demonstration Center in Marilog District, Davao City	1	Amount of vermitea produced (liters) Vermitea	500	Output 16B: Soil, land, water management techno-demonstrations Established	

Particulars	8					9					10												
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	Technology Validation/Demonstration		No. of Liter Vermitea Produced	600	No. of Reports submitted/presented to funding agency	4	Number of participants attended (client capacity building)	60						Output 16D: Soil, land, water management techno-demonstrations maintained	7	2 Mitigation and Restoration of Degraded Agricultural Highlands in Selected Areas of Mindanao (2020-2025)	1	-Coordination with DA-RFO XI, DARUARS, DENR		Amount of biopesticides produced (liters) Concoctions (FFJ, FPU, etc)	12	1 Technology Demonstration on Agroforestry 2 Technology Demonstration on Multi-storey Farming 3 Technology Demonstration on Contour Farming	3
	Soil & Water Techno-demonstrations maintained/ or management technologies / interventions established	3	No. of Kilos Vermicast Produced	4000			Number of IEC materials disseminated (client capacity building)	750						1 Technology Demonstration on Mokusaku (Wood Vinegar) Production		3 Growth and Yield Response of Strawberry to Different Kinds of Organic Fertilizers and Its Adoption to the Acidic Highland of Bukidnon (2021-2026)	1	-Survey					
	Soil & Water Techno-demonstrations maintained/ or management technologies / interventions maintained	1					Number of IEC materials conceptualized	2						2 Technology Demonstration on Vermicomposting Production		4 Soil and Water Conservation Practices in the Highlands of Bukidnon Determining Socio Economic Factors Affecting Its Adoption (2022-	1	-Laboratory Analysis					
	Research and Development													3 Technology Demonstration on Agroforestry (For Rehabilitation)		5 Quality Monitoring of Vermicast on the Physico-Chemical Characteristics as Affected by Period of Storage (2022-	1	-Mapping					
	Plans/programs/proposals submitted to the Research and Development Studies (RDS) Committee	2												4 Technology Demonstration on Balanced Fertilization Strategy on Various Crops Planted under Highland Condition (Coffee, Dragon Fruit, Guyabane, Mangosteen intercropped with Coconut, Pomelo)		6 Assessment on Different Fertilization Strategy on Vegetable Production and Soil Physico-Chemical Properties under Highland Condition	1	-Preparation of analog maps					
	Number of R&D studies conducted (on-going)	2												5 Technology Demonstration on Balanced Fertilization Strategy on Various Vegetables Planted under Green House Condition		Output 25 A: Soil and Water Research Facilities Maintained/Upgraded (Regular Fund)-continuing		-Digitization of maps					
	Soil and Water research facilities maintained/upgraded	5												8 Technology Demonstration on Small Water Impounding System and Small Farm Reservoir (SWIS & SFR)		1 Greenhouse 2 AGROMET/AWS 3 Mokusaku 4 Farm machineries/equipment 5 Laboratory Equipment 6 Vermicomposting facility	6	-Report Writing					
														7 Technology demonstration on Three-Sisters Cropping System		Irrigation Network Services Subprogram Various Water Resources Projects							
																Output 28: Agromet Stations Monitored (AWS and Manual) Agromet Stations Monitored (AWS and Manual)	1						
															Foreign Assisted and Locally Funded Program Local Partnership								
															Output 36A: Local Collaborative projects/studies conducted (continuing) Agromet OAP LTE, SLRMA, Enhancing Soil Ecosystem, NSHP	4							

Budget by object of expenditures																			
Budget allocated (CY 2023)	MOOE	RD OTHER - REGULAR (LUPEZ)		RD OTHER - LTR (LUPEZ)		RD OTHER - HYDROPONICS (LUPEZ)		RD OTHER - REGULAR (HILLPEZ)		RD OTHER - LTR (HILLPEZ)		RD OTHER - INN (HILLPEZ)		RD OTHER - REGULAR (HIGHPEZ)		RD OTHER - LTR (HIGHPEZ)		RD OTHER - MARLOG (HIGHPEZ)	
		Travel - Local	260 000 00	Travel - Local	50 000 00	Travel - Local	70 000 00	Travel - Local	175 000 00	Travel - Local	121 000 00	Travel - Local	119 000 00	Travel - Local	550 000 00	Travel - Local	300 000 00	Travel - Local	250 000 00
		Training Expenses	327 000 00	Office Supplies Expenses	10 000 00	Training Expenses	50 000 00	Training Expenses	370 000 00	Training Expenses	252 000 00	Training Expenses	303 000 00	Training Expenses	250 000 00	Training Expenses	100 000 00	ICT Office Supplies Expenses	10 000 00
		Office Supplies Expenses	10 000 00	Fuel, Oil and Lubricants Exp	10 000 00	ICT Office Supplies Expenses	20 000 00	ICT Office Supplies Expenses	45 000 00	Agricultural and Marine Supplies Exp	43 000 00	Fuel, Oil and Lubricants Exp	50 000 00	ICT Office Supplies Expenses	10 000 00	Fuel, Oil and Lubricants Exp	50 000 00	Office Supplies Expenses	20 000 00
		Fuel, Oil and Lubricants Exp	70 000 00	Agricultural and Marine Supplies Exp	10 000 00	Office Supplies Expenses	17 000 00	Office Supplies Expenses	70 000 00	Other Professional Services	600 000 00	Agricultural and Marine Supplies Exp	100 000 00	Office Supplies Expenses	20 000 00	Agricultural and Marine Supplies Exp	50 000 00	Fuel, Oil and Lubricants Exp	120 000 00
		Agricultural and Marine Supplies Exp	250 000 00	Semi-Exp - Technical and Scientific Equipment	24 000 00	Fuel, Oil and Lubricants Exp	32 000 00	Fuel, Oil and Lubricants Exp	150 000 00	Representation Expenses	20 000 00	Other Professional Services	310 000 00	Fuel, Oil and Lubricants Exp	120 000 00	Semi-Exp - Agricultural and Forestry Equipment	54 000 00	Agricultural and Marine Supplies Exp	200 000 00
		Semi-Exp - Agricultural and Forestry Equipment	12 000 00	Other Supplies and Mat. Exp	23 000 00	Agricultural and Marine Supplies Exp	50 000 00	Agricultural and Marine Supplies Exp	70 000 00	Other MOOE	100 000 00	Other MOOE	100 000 00	Agricultural and Marine Supplies Exp	200 000 00	Semi-Exp - Technical and Scientific Equipment	10 000 00	Semi-Exp - Agricultural and Forestry Equipment	45 000 00
		Semi-Exp - Communications Equipment	15 000 00	Other Professional Services	600 000 00	Chemical and Filtering Supplies Expenses	250 000 00	Semi-Exp - ICT Equipment	15 000 00					Other Supplies and Mat. Exp	150 000 00	Other Supplies and Mat. Exp	142 000 00	Other Supplies and Mat. Exp	200 000 00
		Semi-Exp - Other Machinery and Equipment	18 000 00	Labor and Wages	277 000 00	Semi-Exp - ICT Equipment	39 000 00	Semi-Exp - Agricultural and Forestry Equipment	45 000 00					Postage and Courier Services	15 000 00	Other Professional Services	600 000 00	Postage and Courier Services	15 000 00
		Semi-Expendable - Furniture and Fixtures	5 000 00	Printing and Publication Expenses	2 000 00	Semi-Exp - Technical and Scientific Equipment	75 000 00	Other Supplies and Mat. Exp	100 000 00					Telephone Exp - Mobile	30 000 00	RM - Agricultural and Forestry Equipment	50 000 00	Other Professional Services	730 000 00
		Other Supplies and Mat. Exp	25 000 00	Other MOOE	60 000 00	Other Supplies and Mat. Exp	41 000 00	Telephone Exp - Mobile	50 000 00					Other Professional Services	450 000 00	Labor and Wages	10 000 00	RM - ICT Equipment	10 000 00
		Electricity Expenses	1 500 000 00			Internet Subscription Exp	20 000 00	Other Professional Services	548 000 00					RM - Other Structures	50 000 00	Printing and Publication Expenses	5 000 00	RM - Agricultural and Forestry Equipment	10 000 00
		Internet Subscription Exp	37 000 00			Other Professional Services	578 000 00	RM - Technical and Scientific Equipment	20 000 00					RM - ICT Equipment	15 000 00	Representation Expenses	60 000 00	Labor and Wages	100 000 00
		Other Professional Services	650 000 00			RM - Technical and Scientific Equipment	40 000 00	RM - Other Machinery and Equipment	30 000 00					RM - Agricultural and Forestry Equipment	20 000 00	Other MOOE	03 000 00	Printing and Publication Expenses	5 000 00
		RM - Buildings	160 000 00			Labor and Wages	142 000 00	Fidelity Bond Premiums	2 000 00					RM - Motor Vehicle	50 000 00			Representation Expenses	100 000 00
		RM - Office Equipment	35 000 00			Representation Expenses	175 000 00	Labor and Wages	240 000 00					RM - Semi-Expendable - Agricultural and Forestry Equipment	10 000 00			Transportation and Delivery Expenses	5 000 00
		RM - Agricultural and Forestry Equipment	35 000 00			Other MOOE	10 000 00	Printing and Publication Expenses	50 000 00					Labor and Wages	50 000 00			Rents - Motor Vehicle	30 000 00
		RM - Motor Vehicle	40 000 00					Representation Expenses	255 000 00					Printing and Publication Expenses	5 000 00			Other MOOE	50 000 00
		Fidelity Bond Premiums	3 000 00					Rents - Motor Vehicle	40 000 00					Representation Expenses	75 000 00				
		Labor and Wages	400 000 00					Other MOOE	160 000 00					Transportation and Delivery Expenses	5 000 00				
Representation Expenses	30 000 00											Rents - Motor Vehicle	100 000 00						
Rents - Motor Vehicle	30 000 00											Other MOOE	200 000 00						
TOTAL	3 800 000 00	TOTAL	1 140 000 00	TOTAL	1 615 000 00	TOTAL	2 375 000 00	TOTAL	1 243 000 00	TOTAL	1 135 000 00	TOTAL	2 375 000 00	TOTAL	1 615 000 00	TOTAL	1 600 000 00		

Particulars		11											
Accountable Operational Units		BSWM COMPOST PRODUCTION IMPLEMENTATION TEAM											
Functions		An Adhoc Office created to supervise and implement various activities on compost production. BSWM plays a pivotal role in conducting researches and promoting different soil management strategies and production inputs, particularly, fertilizers, microbial inoculants and soil amendments. Activities of OAP are anchored into the Republic Act 10085 or the Organic Agriculture Act of 2010, particularly: Section 2 ----the policy statement highlights the importance of enriching the fertility of soil and the need to undertake a comprehensive program for the promotion of community-based organic fertilizers together with a nationwide educational and promotional campaign. Section 4 ---- encouraged to establish facilities, equipment and processing plants that would catalyze the production and commercialization of organic fertilizers.											
Programs		NATIONAL ORGANIC AGRICULTURE PROGRAM		NATIONAL RICE PROGRAM		NATIONAL HIGH VALUE CROPS AND DEVELOPMENT PROGRAM		National Corn Program		STO-Field Program Monitoring Activities (FPMA)- OAP		STO - Field Program Monitoring Activities (FPMA)- HVCDP	
Outputs Expected (efficiency targets) CY 2023		Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)
		Capacity Enhancement on the Operation of CFBW	60	ESETS		PAEF HVCDP		Establishment of Composting Facility for Biodegradable Wastes (CFBW)	51	Performance Assessment Review Conducted	2	Programs and Projects Evaluated and Monitored	70
		Capacity Enhancement on the Operation of SSCF	15	Agro-Enterprise Training on CFBW Beneficiaries	91	Establishment of Composting Facility for Biodegradable Wastes (CFBW)	70			Validation of Target Beneficiaries/Field Visits Conducted	269		
		Agricultural Machinery, Equipment and Facilities Support Services		Agricultural Machinery, Equipment and Facilities Support Services									
		Establishment of Composting Facility for Biodegradable Wastes (CFBW)	91	Establishment of Composting Facility for Biodegradable Wastes (CFBW)	3030								
	SSCF	168											
Budget by object of expenditures													
Budget allocated (CY 2023)	MOOE	PAEF OAP		PAEF RICE		PAEF HVCDP		PAEF CORN		STO - OAP		STO - FPMA	
		Travel - Local	3,000,000.00	Travel - Local	20,000,000.00	Training Expenses	1,200,000.00	Travel - Local	300,000.00	Travel - Local	200,000.00	Travel - Local	500,000.00
		Office Supplies Expenses	150,000.00	Training Expenses	12,000,000.00			Training Expenses	1,000,000.00	Training Expenses	600,000.00	Training Expenses	300,000.00
		Fuel, Oil and Lubricants Exp	100,000.00	ICT Office Supplies Expenses	1,000,000.00			Other Professional Sr	1,000,000.00	Other Professional Services	2,500,000.00	Office Supplies Expenses	192,000.00
		Telephone Exp - Mobile	200,000.00	Office Supplies Expenses	1,000,000.00			Other MOOE	250,000.00	Other MOOE	500,000.00	Other Professional Services	1,000,000.00
		Internet Subscription Exp	50,000.00	Medical, Dental and Laboratory Supplies Expenses	5,000,000.00							Other MOOE	1,000,000.00
		Other Professional Services	4,290,000.00	Semi-Exp - ICT Equipment	6,000,000.00								
		RM - Other Transportation Equipment	100,000.00	Other Supplies and Mat. Exp.	1,000,000.00								
		Other MOOE	2,906,000.00	Postage and Courier Services	500,000.00								
				Telephone Exp - Mobile	500,000.00								
				Other Professional Services	34,000,000.00								
				Printing and Publication Expenses	1,000,000.00								
				Representation Expenses	2,000,000.00								
				Transportation and Delivery Expenses	1,000,000.00								
				Rents - Motor Vehicle	1,000,000.00								
				Other MOOE	2,200,000.00								
		TOTAL	10,796,000.00	TOTAL	88,200,000.00	TOTAL	1,200,000.00	TOTAL	2,550,000.00	TOTAL	3,800,000.00	TOTAL	2,992,000.00
		ESETS OAP		ESETS RICE									
		Travel - Local	1,105,000.00	Training Expenses	3,953,000.00								
		Training Expenses	2,000,000.00										
TOTAL	3,166,000.00	TOTAL	3,953,000.00										
Budget allocated (CY 2023)	CO	PAEF OAP		PAEF RICE		PAEF HVCDP		PAEF CORN		STO - OAP		STO - FPMA	
		Other Machinery and Equipment	175,703,000.00	Agricultural and Forestry Equipment	2,678,500,000.00	Other Machinery and Equipment	66,500,000.00	Other Structures	48,450,000.00				
		TOTAL	-	TOTAL	-	TOTAL	-	TOTAL	-	TOTAL	-		
		ESETS OAP		ESETS RICE		RD OTHER - CFBW							
		TOTAL	-	TOTAL	-	Other Structures	5,000,000.00						

1

Accountable Operational Units	DIRECTOR'S OFFICE AND ADMINISTRATIVE UNITS	
Functions	Office of the Director • Provide leadership for the conduct of multi-disciplinary soil and water resources research and development; • Ensure the formulation of measures and guidelines for the effective utilization of soil and water resources as vital agricultural resources to attain food security and safety, environmental stability through soil and water resources-based adaptation and mitigation measures that address multi-environmental concerns on land degradation, climate change, and agricultural biodiversity conservation; • Recommend appropriate soil and water management policies to the Office of the Secretary , DA to address issues on food security, environment, biodiversity, and climate change, including vulnerability/disaster risk assessment relative to agriculture; • Provides the overall administration of the Bureau of Soils and Water Management and sets the policies and procedures relating to the planning and implementation of the plans and programs. The Director and Assistant Director represent the BSWM in public, official, and international functions, executive meetings, and work as advocates for the advancement of soil and water sciences in the country and its relevance to the attainment of national goal of poverty alleviation and food security through the development and promotion of sustainable agricultural land management practices and policies. ADMINISTRATION AND FINANCE DIVISION This Administrative and Finance Division shall provide the administrative support to the various operations of the Bureau in the form of financial and budget management, human resources development, procurement and property management, building, landscaping, and equipment maintenance to enable the Bureau to deliver quality services. - Accounting Section - Building and Grounds Administration (BGA) Vehicle Operations and Maintenance (VOMC) - Budget Section - Cashier Unit - Customer Centre - Dormitory - Information Office - Library - Personnel Section - Planning and Monitoring Section - Procurement Management Section (PMS) - Property Management Unit - Records Unit - Youth Committee Activities - GAD Activities	
Programs	Regular Functions (STO)	
Outputs Expected (efficiency targets)	Output Indicator	Qty. (Target)
	<i>*This involves administrative costs such as hiring of security and janitorial services, hiring of Contract of Services, mandatory utilities (electricity, water, telephone bills, internet), etc.</i>	
	Maintenance of ISO QMS 9001:2015 Certification	100%
	No. of Surveillance Audit undergone	1
	No. of Readiness Assessment conducted	1
	No. of Internal Audit conducted	1
	No. of trainings conducted	2
	No. of meetings conducted	
	QMS Team meetings	12
	No. of COS hired	1
	No. of Consultant hired	1
	Basic Occupational Safety and Health Orientation to BSWM Employees	
	No. of OSH related training attended	1
	No. of Participants	60
	Safety and Health Awareness	
	Wellness campaign	1
	Provision of Health and Wellness supplies (including safe drinking water)	
	No. of GCPD provided with wellness vaccine	55
	No. of wellness equipment/support provided	2
	No. of personnel provided Health and Medical Supplies	223
	General Administration, Planning and Monitoring	
	Regular Meetings	4
	Youth Committee Activities	
	No. of meetings conducted	5
	No. of Participants	75
	Awareness Raising	1
	School covered	5
	No. of Participants	375
	Youth in Soil and Water for Agriculture (YouSWAg)	
	Pax	100
	National Youth Day Celebration 2023	
	Film Showing	1
	Pax	50
	Summer Youth Program (SYP)	
	No. of youth hired	21
	GAD Activities	
	Reconstitution of BSWM Gender Focal Point System (GFPS)	1
	Updating & Analysis of Sex Disaggregated Data (SDD)	1
	Organization Focused Capacitation Activities	3
	Client Focused Capacitation Activities	2

Budget by object of expenditures											
Budget allocated (CY 2023)	PS	GAS - REGULAR		APB		STO - REGULAR		INS VARIOUS - REGULAR			
		Basic Salary - Civilian	12,544,000.00	Terminal Leave Benefits - Civilian	8,248,000.00	Basic Salary - Civilian	82,316,000.00	Basic Salary - Civilian	13,982,000.00		
		PERA - Civilian	696,000.00			PERA - Civilian	4,248,000.00	PERA - Civilian	672,000.00		
		Representation Allowance	210,000.00			Representation Allowance	300,000.00	Representation Allowance	60,000.00		
		Transportation Allowance	210,000.00			Transportation Allowance	300,000.00	Transportation Allowance	60,000.00		
		Clothing/Uniform Allowance - Civilian	174,000.00			Clothing/Uniform Allowance - Civilian	1,062,000.00	Clothing/Uniform Allowance - Civilian	168,000.00		
		Subsistence Allowance - Magna Carta for Science and Technology under R.A. 8439	5,702,000.00			Year-End Bonus - Civilian	6,860,000.00	Year-End Bonus - Civilian	1,165,000.00		
		Laundry Allowance-Magna Carta Benefits for Science and Technology under R.A. 8439	864,000.00			Cash Gift - Civilian	885,000.00	Cash Gift - Civilian	140,000.00		
		Hazard Pay - Magna Carta Benefits for Science and Technology under R.A. 8439	23,531,000.00			Mid-Year Bonus - Civilian	6,860,000.00	Mid-Year Bonus - Civilian	1,165,000.00		
		Year-End Bonus - Civilian	1,045,000.00			Productivity Enhancement Incentive - Civilian	885,000.00	Productivity Enhancement Incentive - Civilian	140,000.00		
		Cash Gift - Civilian	145,000.00			PAG-IBIG - Civilian	212,000.00	PAG-IBIG - Civilian	34,000.00		
		Mid-Year Bonus - Civilian	1,045,000.00			PhilHealth - Civilian	1,851,000.00	PhilHealth - Civilian	315,000.00		
		Productivity Enhancement Incentive - Civilian	145,000.00			ECIP - Civilian	212,000.00	ECIP - Civilian	34,000.00		
		PAG-IBIG - Civilian	35,000.00			Lump-sum for Step Increments - Length of Service	206,000.00	Lump-sum for Step Increments - Length of Service	35,000.00		
		PhilHealth - Civilian	255,000.00								
		ECIP - Civilian	35,000.00								
		Lump-sum for Step Increments - Length of Service	31,000.00								
		Loyalty Award - Civilian	90,000.00								
		Retirement and Life Insurance Premium	1,505,000.00			Retirement and Life Insurance Premiums	9,878,000.00	Retirement and Life Insurance Premiums	1,678,000.00		
		TOTAL		48,262,000.00	TOTAL		8,248,000.00	TOTAL		116,075,000.00	TOTAL
Budget allocated (CY 2023)	MOOE	GMS - REGULAR		GMS - GAD		GMS - OSH		GMS - QMS			
		Training Expenses	1,110,000.00	Training Expenses	1,000,000.00	Training Expenses	460,000.00	Training Expenses	200,000.00		
		ICT Office Supplies Expenses	55,000.00	Representation Expenses	300,000.00	Other Supplies and Mat. Exp.	740,000.00	Other Professional Services	790,000.00		
		Office Supplies Expenses	65,000.00	Other MOOE	200,000.00	Representation Expenses	200,000.00	Representation Expenses	380,000.00		
		Semi-Exp - Office Equipment	10,000.00			Other MOOE	100,000.00	Other MOOE	130,000.00		
		Semi-Exp - ICT Equipment	27,000.00								
		Other Supplies and Mat. Exp.	260,000.00								
		Electricity Expenses	3,000,000.00								
		Extraordinary and Misc. Exp.	138,000.00								
		Legal Services	250,000.00								
		Other Professional Services	200,000.00								
		Janitorial Services	200,000.00								
		Security Services	500,000.00								
		RM - Sewer Systems	2,500,000.00								
		RM - Motor Vehicle	100,000.00								
		RM - Semi-Expendable - ICT Equipment	100,000.00								
		Taxes, Duties and Licenses	200,000.00								
		Fidelity Bond Premiums	100,000.00								
		Printing and Publication Expenses	100,000.00								
		Representation Expenses	535,000.00								
Other Subscription Expenses	63,000.00										
Bank Transaction Fee	5,000.00										
TOTAL		9,516,000.00	TOTAL		1,500,000.00	TOTAL		1,500,000.00	TOTAL		1,500,000.00
Budget allocated (CY 2023)	MOOE	STO - PSP		STO - REGULAR		RD OTHER - REGULAR		INS VARIOUS - REGULAR			
		Training Expenses	1,150,000.00	Travel - Local	225,000.00	Travel - Local	200,000.00	Travel - Local	174,000.00		
		Representation Expenses	100,000.00	Water Expenses	2,000,000.00	Training Expenses	1,000,000.00	Training Expenses	1,000,000.00		
		Other MOOE	100,000.00	Electricity Expenses	6,000,000.00	ICT Office Supplies Expense	200,000.00	Other Supplies and Mat. Exp.	750,000.00		
				Postage and Courier Services	250,000.00	Office Supplies Expenses	200,000.00	Water Expenses	500,000.00		
				Telephone Exp - Mobile	250,000.00	Other Supplies and Mat. Exp.	500,000.00	Janitorial Services	1,000,000.00		
				Telephone Exp - Landline	1,500,000.00	Water Expenses	500,000.00	RM - Office Equipment	400,000.00		
				Internet Subscription Exp.	2,000,000.00	Janitorial Services	300,000.00	RM - Motor Vehicle	750,000.00		
				Other Professional Services	22,076,000.00	Security Services	500,000.00	Insurance Expenses	1,000,000.00		
				Janitorial Services	6,000,000.00	RM - Motor Vehicle	530,000.00	Printing and Publication Expenses	150,000.00		
				Security Services	10,000,000.00	Fidelity Bond Premiums	185,000.00	Representation Expenses	150,000.00		
				Insurance Expenses	6,000,000.00	Printing and Publication Expenses	150,000.00	Other Subscription Expenses	73,000.00		
				Other MOOE	400,000.00	Representation Expenses	150,000.00	Other MOOE	500,000.00		
						Other Subscription Expenses	20,000.00				
						Other MOOE	1,073,000.00				
		TOTAL		1,360,000.00	TOTAL		56,701,000.00	TOTAL		5,608,000.00	TOTAL
Budget allocated (CY 2023)	CO	GMS - REGULAR									
		Office Equipment	22,271,000.00								
		TOTAL		22,271,000.00							

Particulars		5									
Accountable Operational Units		Soil Conservation and Management Division (SCMD)									
Mandate: Provide leadership in the conservation and management of soils for sustainable agricultural development and rehabilitation of degraded uplands and hillylands											
Functions		Functions: Undertake field study and project development on soil conservation farming systems, farm planning, and conservation farm management; • Develop farm-level conservation agriculture technologies appropriate to a specific ecosystem and strategies to enhance their implementation; • Assess soil erosion processes and monitor impacts of soil conservation technologies on soil productivity and environmental improvement; • Undertake field study and project development for the rehabilitation of degraded lands and watersheds of soil and water conservation facilities such as rainwater harvesting structures.									
Programs (CY 2023)	Regular Functions (STO)	Development of Soil Conservation Guided Farm in Cauayan City, Isabela		Other Research and Development Activities [Manila Bay Project Rehabilitation and Restoration]							
		Output Indicator	Qty (Target)	Output Indicator	Qty (Target)						
		A. Soil and Water Management Technology Demonstration Establishment /Implemented		Establishment of model farm	1						
	B. Thru technical assistance	2	Farmers Field Day		Establishment of Integrated Upland Conservation Guided Farms (IUCGF) via soil & water conservation technologies in techno-demonstration sites	3					
	C. Irrigation related	1	Number of pax	100	Periodic Monitoring of Established Techno-Demo Sites	30					
	2. Soil and Water Management Technology Demonstrations Monitored	12	Site monitoring (quarterly)	1	Site Validation	3					
	3. Stakeholder's Consultation Conducted (number)	2	Topographic survey	1	Field Survey	3					
	Number of pax	60			Specialized Capability Enhancement Training	3					
	4. Capacity Building (number)	3			Number of pax	75					
	Number of pax	120									
	Requested acted upon	80-90%									
Learning and Development											
	Number of pax	17									
Budget by object of expenditures											
Budget allocated (CY 2023)	MOOE	STO - REGULAR (SCMD)		STO - CAUAYAN (SCMD)		RD OTHER - MANILA BAY (SCMD)		ESETS CORN (SCMD)		RD CORN (SCMD)	
		Travel - Local	664,000.00	Travel - Local	195,000.00	Travel - Local	550,000.00	Travel - Local		Travel - Local	3,550,000.00
		Training Expenses	350,000.00	Training Expenses	150,000.00	Training Expenses	610,000.00	Training Expenses		Training Expenses	1,300,000.00
		ICT Office Supplies Expenses	80,000.00	ICT Office Supplies Expenses	40,000.00	ICT Office Supplies Expenses	240,000.00	ICT Office Supplies Expenses		ICT Office Supplies Expenses	200,000.00
		Agricultural and Marine Supplies Exp.	90,000.00	Office Supplies Expenses	30,000.00	Office Supplies Expenses	50,000.00	Office Supplies Expenses		Office Supplies Expenses	100,000.00
		Semi-Exp - ICT Equipment	40,000.00	Agricultural and Marine Supplies Exp	660,000.00	Fuel, Oil and Lubricants Exp	30,000.00	Fuel, Oil and Lubricants Exp		Fuel, Oil and Lubricants Exp	90,000.00
		Other Supplies and Mat. Exp	50,000.00	Semi-Exp - ICT Equipment	20,000.00	Agricultural and Marine Supplies Exp	810,000.00	Semi-Exp - ICT Equipment		Semi-Exp - ICT Equipment	200,000.00
		Telephone Exp - Mobile	66,000.00	Other Professional Services	365,000.00	Textbooks and Instructional Material Exp	5,000.00	Telephone Exp - Mobile		Telephone Exp - Mobile	120,000.00
		RM - ICT Equipment	50,000.00	RM - Office Equipment	50,000.00	Semi-Exp - ICT Equipment	20,000.00	Other Professional Services		Other Professional Services	4,421,000.00
		RM - Technical and Scientific Equipment	30,000.00	Printing and Publication Expenses	100,000.00	Semi-Exp - Agricultural and Forestry Equipment	90,000.00	Representation Expenses		Representation Expenses	200,000.00
		Labor and Wages	10,000.00	Representation Expenses	40,000.00	Other Supplies and Mat. Exp	260,000.00	Rents - Motor Vehicle		Rents - Motor Vehicle	600,000.00
		Printing and Publication Expenses	10,000.00	Rents - Motor Vehicle	160,000.00	Postage and Courier Services	5,000.00	Donations		Donations	13,860,000.00
		Representation Expenses	110,000.00	Other MOOE	89,000.00	Other Professional Services	1,570,000.00	Other MOOE		Other MOOE	1,359,000.00
		Rents - Motor Vehicle	100,000.00			RM - Office Equipment	30,000.00				
		Other Subscription Expenses	10,000.00			RM - ICT Equipment	20,000.00				
		Other MOOE	50,000.00			Rents - Motor Vehicle	350,000.00				
						ICT Software Subscription	10,000.00				
						Other MOOE	350,000.00				
TOTAL	1,710,000.00	TOTAL	1,900,000.00	TOTAL	5,000,000.00	TOTAL	2,000,000.00	TOTAL	26,000,000.00		

BSWM Financial Accountability Logframe
FY 2023

Particulars		6			
Accountable Operational Units		Soils Survey Division (SSD)			
Functions	Mandate: To facilitate the development and implementation of new technologies to gather, interpret and deliver soil survey information to its diverse applications. The SSD is committed to provide primary soil resources information for agricultural development planning, policy formulation and research. It has expanded its mandate to accommodate current and emerging agro-environmental concerns as they impact and relate to the sustainability of the country's soil resources for agricultural production and provision of its ecosystem services				
Programs (CY 2023)	Regular Functions (STO) <i>Planning and Policy Formulation for Soil and Water Resources Conservation, Management and Development Updating and Enhancement of Conventional Soil Resource Information for Strategic Agricultural Development and Investment Planning- (CSRI-SADIP Project)</i>	Qty (Target)	Output Indicator	Qty (Target)	Application of Soil-Land Inference Model to Update and Enhance Conventional Soil Map (SOLIM-Project)
Budget by object of expenditures	MOOE	STO - SADIP (SSD)		STO - REGULAR (SSD)	
		Travel - Local	590,000.00	Travel - Local	205,000.00
		Training Expenses	60,000.00	Training Expenses	375,000.00
		Chemical and Filtering Supplies Expenses	265,000.00	ICT Office Supplies Expenses	142,000.00
		Other Supplies and Mat. Exp.	24,000.00	Office Supplies Expenses	50,000.00
		Other Professional Services	730,000.00	Fuel, Oil and Lubricants Exp	20,000.00
		Labor and Wages	90,000.00	Agricultural and Marine Supplies Exp.	27,000.00
		Rents - Motor Vehicle	323,000.00	Other Supplies and Mat. Exp.	60,000.00
		Other MOOE	103,000.00	Telephone Exp - Mobile	65,000.00
				RM - Office Equipment	50,000.00
				RM - ICT Equipment	28,000.00
				RM - Motor Vehicle	10,000.00
				Fidelity Bond Premiums	5,000.00
				Labor and Wages	30,000.00
				Printing and Publication Expenses	10,000.00
				Representation Expenses	185,000.00
				Rents - Motor Vehicle	113,000.00
				Rents - ICT Machinery and Equipment	297,000.00
				Other MOOE	38,000.00
				TOTAL	1,710,000.00

BSWM Financial Accountability Logframe
FY 2023

Particulars		7		
Accountable Operational Units		Water Resources Management Division (WRMD)		
Functions	Mandate:	To harness and conserve rainfall and run-off water and ground water recharge for farm use as component of sustainable land management program and thereby contribute to the attainment of food security for the country.		
	Function:	- Develop programs and guidelines for the promotion of cost-efficient small-scale infrastructure for community-based rainwater retention and technologies for water resources management in marginal uplands and degraded lowlands for optimum and sustained agricultural land and micro-watersheds productivity; - In coordination with appropriate academic and research institutions, develop programs, standards and guidelines for the assessment of agricultural water degradation resulting from inappropriate land use and agricultural practices.		
Programs (CY 2023)	Irrigation Network Services Various Water Resources Projects	National Rice Program (ESETS Subprogram)		
Outputs Expected (efficiency targets) (CY 2023)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)
	Continuing Irrigation - related RD	1	SWISAs/FAs organized/reorganized	50
	Agromet Stations monitored (monthly)	16	Training Events Conducted	
	Development of location specific cropping pattern and calendar	3	participants trained/beneficiaries	1250
	SWIS Operations and Maintenance Trainings (BLST and TST) conducted	20	Training on Soil Soil Health Restoration/ Balance Fertilization	30
	No. of participants trained	500	participants trained/beneficiaries	750
	IEC Materials Disseminated	1500	Conduct watershed training	
	Location specific on-farm water utilization technology established	6	number of participants	
	L&D activities conducted	1	Establishment of techno demo	
	Coordination and Technical Support of BSWM to Other Implementors			
	Geo-resistivity survey conducted	40	Conduct of dam design	
	Drilling of Production Wells for SSIPs conducted	12	number of participants	
	Feasibility study of SSIPs prepared	12	Conduct of construction supervision	
	DED and POW of SSIPs prepared	16	number of participants	
	Monitoring of operational status of SSIP/ inventory and parcellary mapping of service area	160	IEC materials	
	Performance Review / Consultation Workshop/ Capacity Building conducted	3		
	Technical Assistance to CSOPs			
	DED/POW of SSIPs of RFOs/LGUs for proposal/Implementation reviewed*			
	*Depends on the requests as need arises			
	*Depends on the submission from DA-RFOs and LGUs			
Budget by object of expenditures				
Budget allocated (CY 2023)	MOOE	INS VARIOUS - REGULAR (WRMD)		
		Travel - Local	Travel - Local	ESETS RICE (WRMD)
		Training Expenses	Training Expenses	3,036,000.00
		ICT Office Supplies Expenses	ICT Office Supplies Expenses	8,743,000.00
		Office Supplies Expenses	Office Supplies Expenses	250,000.00
		Fuel, Oil and Lubricants Exp	Fuel, Oil and Lubricants Exp	150,000.00
		Semi-Exp - ICT Equipment	Chemical and Filtering Supplies	200,000.00
		Semi-Exp - Technical and Scientific Equipment	Semi-Exp - Office Equipment	120,000.00
		Semi-Exp - Other Machinery and Equipment	Other Supplies and Mat. Exp.	15,000.00
		Other Supplies and Mat. Exp.	Other Professional Services	25,000.00
		Postage and Courier Services	Fidelity Bond Premiums	7,769,000.00
		Telephone Exp - Mobile	Printing and Publication Expenses	50,000.00
		Other Professional Services	Representation Expenses	350,000.00
		RM - Office Equipment	Transportation and Delivery	200,000.00
		RM - ICT Equipment	Rents - Motor Vehicle	100,000.00
		RM - Technical and Scientific Equipment	Other Subscription Expenses	200,000.00
		RM - Motor Vehicle	Other MOOE	15,000.00
		Printing and Publication Expenses		3,729,000.00
		Representation Expenses		
		Rents - Motor Vehicle		
		Other Subscription Expenses		
		Other MOOE		
		TOTAL	TOTAL	
				24,952,000.00

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Budget by object of expenditures											
Budget allocated (CY 2023)	MOOE	STO - REGULAR (LSD)		STO - PD 1435 (LSD)		STO - ISO (LSD)		PAEF RICE (LSD)		NSHP (LSD)	
		Travel - Local	60,000.00	Travel - Local	206,000.00	Travel - Local	100,000.00	Chemical and Filtering Supplies Expenses	33,000,000.00	Travel - Local	20,000,000.00
		Training Expenses	150,000.00	Travel - Foreign	700,000.00	Training Expenses	150,000.00			Training Expenses	15,000,000.00
		ICT Office Supplies Expenses	50,000.00	ICT Office Supplies Expenses	100,000.00	Office Supplies Expenses	50,000.00			ICT Office Supplies Expenses	8,300,000.00
		Office Supplies Expenses	50,000.00	Office Supplies Expenses	100,000.00	Chemical and Filtering Supplies Expenses	300,000.00			Office Supplies Expenses	1,500,000.00
		Chemical and Filtering Supplies Expenses	100,000.00	Fuel, Oil and Lubricants Exp	100,000.00	Other Professional Services	720,000.00			Fuel, Oil and Lubricants Exp	500,000.00
		Other Supplies and Mat. Exp.	100,000.00	Chemical and Filtering Supplies Expenses	350,000.00	RM - Semi-Expendable - Technical and Scientific Equipment	500,000.00			Agricultural and Marine Supplies Exp.	57,000,000.00
		Telephone Exp - Mobile	80,000.00	Telephone Exp - Mobile	100,000.00	Representation Expenses	300,000.00			Chemical and Filtering Supplies Expenses	4,000,000.00
		Other Professional Services	590,000.00	Other Professional Services	1,792,000.00	Transportation and Delivery Expenses	100,000.00			Semi-Exp - Office Equipment	5,000,000.00
		RM - Semi-Expendable - Technical and Scientific Equipment	158,000.00	RM - Technical and Scientific Equipment	875,000.00	Other MOOE	280,000.00			Semi-Exp - ICT Equipment	5,000,000.00
		Representation Expenses	172,000.00	Representation Expenses	578,000.00					Semi-Exp - Communications Equipment	300,000.00
		Other MOOE	200,000.00	Transportation and Delivery Expenses	50,000.00					Other Supplies and Mat. Exp.	8,000,000.00
				Other MOOE	500,000.00					Telephone Exp - Mobile	300,000.00
										Other Professional Services	30,000,000.00
										RM - Buildings	20,000,000.00
										RM - Office Equipment	1,500,000.00
										RM - Technical and Scientific Equipment	3,000,000.00
										RM - Semi-Expendable - Technical and Scientific Equipment	2,000,000.00
										Labor and Wages	2,000,000.00
										Transportation and Delivery Expenses	100,000.00
										Other MOOE	3,500,000.00
		TOTAL	1,710,000.00	TOTAL	5,451,000.00	TOTAL	2,500,000.00	TOTAL	33,000,000.00	TOTAL	187,000,000.00
Budget allocated (CY 2023)	CO	STO - REGULAR (LSD)		STO - PD 1435 (LSD)		STO - ISO (LSD)		PAEF RICE (LSD)		NSHP (LSD)	
										Office Equipment	3,000,000.00
										ICT Equipment	32,000,000.00
										Technical and Scientific Equipment	33,000,000.00
										Other Transportation Equipment	20,000,000.00
										Computer Software	25,000,000.00
		TOTAL	-	TOTAL	-	TOTAL	-	TOTAL	-	TOTAL	113,000,000.00

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Particulars		4														
Accountable Operational Units		Soil and Water Resources Research Division (SWRRD)														
Functions		Mandate: To conduct upstream researches on soil and water management technologies and undertake targeted studies for sustainable agricultural productivity. Functions: Provide leadership for an integrated multi-disciplinary R & D studies for sustainable soil/ land and water use to support long-term productivity of the natural resources in the SAFDZ and for undertaking targeted researches in relation to the sustainable development thrusts of the Bureau in the identified program areas; 2. Formulate plans and programs on upstream researches relating to the improvement of soil and water quality, enhancement of soil fertility and nutrient management, plant microbe interactions, soil/ land degradation processes and mitigations, and soil mineralogical properties; 3. Explore, evaluate and enhance the potentials of soil flora and fauna and their utilization; and develop technologies for sustained agricultural productivity, food safety and environmental protection; 4. Develop cost-efficient, pedo-ecosystem –specific fertilizer recommendations for various crops, formulate soil fertility rehabilitation strategies for nutrient-depleted soil, and update soil fertility guidelines for optimum fertilizer usage; 5. Investigate and evaluate the causal factors relating to the deterioration of nodule-chemical properties of the soil and water, and formulate rehabilitation measures to improve agricultural productivity and promote soil health; 6. Provide technical services for the scientific, academic and farming communities; develop knowledge products and decision-support tools; maintain research databases; 7. In coordination with relevant institutions, establish and maintain research networking and partnership in the implementation and facilitation of research and development studies on soil and water resources management; 8. Recommend policies on the management of soil and water resources; coordinate soil and water research network, and perform other functions as directed by the Director.														
Programs (CY 2023)		[Operations; Research and Development Sub-Program [Other Research and Development Studies] RD-STO Evaluation of Organic Plant Supplements and its Influence to Soil Biological Properties and Crop Yield	Operations; Research and Development Sub-Program [Other Research and Development Studies] RD-Regular Soil Carbon Sequestration and Crop Productivity from Application of Compost and Biochar Using Different Farm Wastes	Operations; Research and Development Sub-Program [Other Research and Development Studies] Assessment of Expanded Modified Rapid Composting (EMRC) Project	Updating of NSWRRD/E Agenda 2023-2028		R&D Various Activities Implementation of ISO/IEC 17025:2017 for Research Laboratories		National Rice Program Technical Support Services Program - Research and Development Subprogram Nitrogen Use Efficiency to Increase Grain Yield and Minimize Pollution Loading in Irrigated Rice Areas		National Organic Agriculture Program Technical Support Services Program Research and Development Subprogram		National Corn Program Technical Support Services Program Research and Development (Substudy)			
Outputs Expected (efficiency targets) (CY 2023)		Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	
		Evaluation of Organic Plant Supplements and its Influence to Soil Biological Properties and Crop Yield No. of study/ site	1	Soil Carbon Sequestration and Productivity from Application of Compost and Biochar Using Different Farm Wastes No. of study/ site	1	Assessment of Expanded Modified Rapid Composting (EMRC) Project No. of study/ site	1	Updating of NSWRRD/E Agenda 2023-2028 No. of activities/meetings/consultation workshops conducted	No. of standard implemented	1	No. of R&D studies/activities conducted	1	No. of R&D studies/activities conducted	2	No. of R&D studies/activities conducted	1
				No. of project meeting/activities conducted	4	No. of project meeting/activities conducted	4	No. of pax	5	No. of research laboratories maintained	3	No. of sites	3	Assessment of Biochar derived from different Agricultural Residues on physical properties and CEC of Angeles series		*this is a subsumed activity under the National Corn Program Research and Development SubProgram of the Soil Conservation and Management Division (SCMD) entitled "Sustainable Land Resource Management Approach in Developing Agro-environmental Potential of Vulnerable Uplands and Hilly Lands (SLRMA) .
								No. of quality meetings conducted	12	No. of project meetings/consultation	4	Enhancing Soil ecosystem services through the use of cover crops and green manures in organic production systems				
								No. of audit activities (internal/external)	2							
								No. of management review conducted	2							
Budget by object of expenditures																
Budget allocated (CY 2023)	MOOE	RD OTHER - EOPS (SWRRD)		RD OTHER - REGULAR (SWRRD)				RD OTHER - ISO (SWRRD)		RD RICE (SWRRD)		RD OAP - BCHA (SWRRD)		RD CORN (SWRRD)		
		Travel - Local	200,000.00	Travel - Local	190,000.00			Training Expenses	150,000.00	Travel - Local	350,000.00	Travel - Local	60,000.00	Travel - Local	415,000.00	
		Fuel, Oil and Lubricants Exp	30,000.00	Training Expenses	200,000.00			Semi-Exp - ICT Equipment	12,000.00	Training Expenses	100,000.00	Office Supplies Expenses	20,000.00	Fuel, Oil and Lubricants Exp	10,000.00	
		Agricultural and Marine Supplies Exp.	100,000.00	ICT Office Supplies Expenses	10,000.00			Other Professional Services	668,000.00	ICT Office Supplies Expenses	70,000.00	Fuel, Oil and Lubricants Exp	10,000.00	Chemical and Filtering Supplies Expenses	200,000.00	
		Chemical and Filtering Supplies Expenses	159,000.00	Office Supplies Expenses	30,000.00			RM - Technical and Scientific Equipment	990,000.00	Office Supplies Expenses	50,000.00	Agricultural and Marine Supplies Exp.	50,000.00	Other Professional Services	585,000.00	
		Other Supplies and Mat. Exp.	30,000.00	Fuel, Oil and Lubricants Exp	50,000.00			Representation Expenses	100,000.00	Fuel, Oil and Lubricants Exp	30,000.00	Chemical and Filtering Supplies Expenses	50,000.00	Other MOOE	325,000.00	
		Other Professional Services	727,000.00	Agricultural and Marine Supplies Exp.	60,000.00			Other MOOE	170,000.00	Agricultural and Marine Supplies Exp.	385,000.00	Postage and Courier Services	5,000.00			
		Labor and Wages	50,000.00	Chemical and Filtering Supplies	120,000.00					Chemical and Filtering Semi-Exp - Technical and Scientific Equipment	265,000.00	Other Professional Services	370,000.00			
		Representation Expenses	100,000.00	Postage and Courier Services	5,000.00						60,000.00	Labor and Wages	20,000.00			
		Rents - Motor Vehicle	100,000.00	Other Professional Services	567,000.00						Other Professional Services	398,000.00	Representation Expenses	10,000.00		
		Other MOOE	679,000.00	Labor and Wages	50,000.00						Labor and Wages	50,000.00	Rents - Motor Vehicle	50,000.00		
				Printing and Publication Expenses	100,000.00						Printing and Publication Expenses	10,000.00	Other MOOE	50,000.00		
				Representation Expenses	130,000.00						Representation Expenses	89,000.00				
				Rents - Motor Vehicle	150,000.00						Transportation and Delivery Expenses	5,000.00				
				Other Subscription Expenses	5,000.00						Rents - Motor Vehicle	150,000.00				
				Other MOOE	13,000.00						Other MOOE	73,000.00				
		TOTAL	2,375,000.00	TOTAL	1,710,000.00	TOTAL	-	TOTAL	-	TOTAL	2,090,000.00	TOTAL	2,065,000.00	TOTAL	695,000.00	TOTAL

Programs (CY 2023)		[Operations; Research and Development Sub-Program [Other Research and Development Studies]		[Operations; Research and Development Sub-Program [Other Research and Development Studies] Establishment of Composting Facilities for Biodegradable Wastes (CFBW)		[Operations; Research and Development Sub-Program [Other Research and Development Studies] Enhancing Soil Ecosystem Services and Crop Productivity through the use of Cover Crops and Green Manure in Organic Production System	
Outputs Expected (efficiency targets) (CY 2023)		Qty (Target)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)	Output Indicator
		Maintenance and Operation of Philippine Soil Partnership (PSP) in support to Sustainable Soil Management	1	No. of R&D studies/activities conducted	1	No. of R&D studies/activities conducted	1
Budget allocated (CY 2023)	MOOE	STO - PSP (SWRRD)		RD OTHER - CFBW (SWRRD)		RD OAP - SES (SWRRD)	
		Travel - Local	100,000.00	Travel - Local	505,000.00	Travel - Local	50,000.00
		Training Expenses	550,000.00	Training Expenses	20,000.00	Office Supplies Expenses	20,000.00
		Other Supplies and Mat. Exp.	100,000.00	Chemical and Filtering Supplies Expenses	85,000.00	Fuel, Oil and Lubricants Exp.	10,000.00
		Representation Expenses	500,000.00	Other Supplies and Mat. Exp.	250,000.00	Agricultural and Marine Supplies Exp.	150,000.00
		Other MOOE	100,000.00	RM - Technical and Scientific Equipment	110,000.00	Chemical and Filtering Supplies Expenses	100,000.00
				RM - Motor Vehicle	220,000.00	Postage and Courier Services	5,000.00
				Labor and Wages	150,000.00	Other Professional Services	1,110,000.00
				Representation Expenses	215,000.00	Labor and Wages	50,000.00
				Other MOOE	305,000.00	Representation Expenses	10,000.00
						Other MOOE	00,000.00
		TOTAL	1,350,000.00	TOTAL	2,000,000.00	TOTAL	1,605,000.00

Particulars	3			
Accountable Operational Units	Laboratory Services Division (LSD)			
Functions	Mandate: To provides support services to the technical divisions of the bureau, public and private sectors, academe, NGOs and farmers. In addition, the division oversees the establishment and operation of all soils laboratories in the country per PD 1435. Functions: • Provide laboratory services for the determination of soil nutrient status and agricultural water quality. • Provide fertilizer recommendation, including the national requirement and distribution of the specific amount and kind of fertilizer according to soil types, crops and climate. • Develop and promote cost reducing diagnostic tools for the rapid and early detection of soil nutrient depletion problems that will lead to permanent land degradation. • Perform regulatory functions pursuant to the provision of PD 1435 authorizing the Bureau to supervise, regulate, control the establishments and operations of soils laboratories in the Philippines including issuance of permit to ship out soil samples. • Establish standards, procedures and techniques in the analysis of soil, water, plant samples, and indigenous materials in support to organic-based farming and sustainable agriculture. • Develop and promote the use of micro organisms in enhancing natural supply of major plant nutrients. • Provide technical assistance and services in the production, distribution and promotion of soil inoculants, Rapid Soil Test (RST) and Soil Test Kit (STK) as strategies for cost reduction of various farming practices. • Develop and implement Standard Operating Procedures (SOP) on quality assurance to conform to reagent and laboratory supply specifications, standard tests and procedures for the analysis of soil and water.			
Programs (CY 2023)	Regular Functions (STO) Planning and Policy Formulation for Soil and Water Resources Conservation, Management and Development	Strengthening the Capacities of BSWM and Regional Soils Laboratories (RSL) in the Operation and Establishment of Soils Laboratories as per Presidential Decree 1435	Implementation of ISO/IEC 17025 Maintenance of Accreditation	
Outputs Expected (efficiency targets) (CY 2023)	Output Indicator	Qty (Target)	Output Indicator	Qty (Target)
	Laboratory Analyses conducted (No. of samples)		Capacity Building for PD 1435 Implementation and ISO/IEC 17025 2017	8
	Soil Chemical Analysis	2000	Monitoring of Soil Laboratories in relation to PD 1435 re	20
	Soil Physical Analysis	1200	Soil Laboratories	10
	Water Analysis	50	Annual Meeting of the Philippine National Soil Laboratory Conducted	1
	Fertilizer Analysis	100	Monthly Meetings conducted for the implementation of PD 1435	12
	Plant Tissue Analysis	180	Operation of the Regulatory Section of PD 1435 per updated IRR	
	Rapid Soil Test Analysis	500	Conduct of targeted trainings for Soil Laboratories (online and on- site)	4
	Microbial Analysis	150	On-site assessment of soil laboratories for the issuance of	5
	Fertilizer Recommendation	500	Annual on-site visit and monitoring of operations of	15
	Laboratory Equipment Maintained	130	Operation of the Quality Assurance Section of PD 1435 per updated IRR	
	Soil Test Kit Distributed	200	Calibration and Preventive Maintenance of Laboratory Equipment used in the conduct of Homogeneity Test for PT samples	30
	Training and training related events	4	Procurement of CRMs/RMs	20
	Attendance to Training / Capacity Building of LSD Staff Technical/Managerial Training/CPD for Professionals	26	Collection of soil samples for the conduct of PD 1435 and Phil NASOLAN Proficiency Testing Program	2 Sample Type
			Shipment of PT samples	35
			Applied for ISO 17043 Accreditation	1
			Conduct of ring test/interlaboratory comparison for all soil laboratories	1
			Conduct of Trainings re ISO/IEC 17025 (videoconference)	5
			Conduct of echo-seminars	3
			Learning and Development of PD 1435 staff	10
			International meetings attended	2

2

LIST OF ICT EQUIPMENT, SUPPLIES AND SERVICES

B.	CAPITAL OUTLAY
	Property, Plant and Equipment Outlay
	Machineries and Equipment
	ICT Equipment
	Desktop (High-end)
	Desktop (High-Regular)
	Desktop (Unix)
	Laptop (Unix)
	Laptop (High-end)
	Laptop (Executive)
	Laptop (Regular)
	Multi-purpose Geotagging Device (Tablet)
	Projector (Ceiling mount)
	Projector (Portable)
	Drone (Quadcopter)
	Video Conferencing Equipment
	Smart TV
	Smart TV (High-end)
	LED Panel Display
	Server,Rack-type, 4 Gigbit Ethernet 2 x Intel Xeon Processor, 32GB RAM
	Server, Storage, & Backup System, 10TB usable capacity w/ bundled Virtualization Software and SMART Cabinet (Hyper Converge)
	Smart Cabinet, 42u with PDU, with cooling system and fire suppression, cooling
	Network Switch (Layer 2 PoE, 24 ports)
	Network Switch (Layer 2 PoE, 48 ports)
	Network Switch (Layer 3 PoE, 24 ports)
	LAN Structured Cabling, 120-ports
	<i>Communication Equipment</i>
	DSLR Camera
	Video Camera
	Mobile Phone
	Tower Speakers
	<i>Printing Equipment</i>
	MFP A3 Size
	Heavy Duty Network Colored Printer
	Plotter (Large Format Printer)
	Intangible Outlays
	<i>Computer Software</i>
	ArcGIS Mapping Software
	ArcGIS Server Enterprise (Map Portal and Publishing)
	Microsoft SQL Server Enterprise Edition
	Microsoft Windows Server Standard Edition
	Microsoft Windows 10 Pro 64bit

	2023 ICT Office Productivity
	MAINTENANCE AND OTHER OPERATING EXPENSES (MOOE)
	Training and Scholarship
	<i>ICT Training Expense</i>
	AutoCad Training
	Supplies and Materials
	<i>ICT Office Supplies</i>
	USB (OTG) 16GB, 32GB, 64GB
	Cat6 Network Cable
	Motherboard
	SSD 500GB
	Video Card QUADRO P4000
	Intel processor i9 16-core
	Power Supply 1,500 watts Gold efficiency rating
	Wifi Router
	External Hard Drive 1TB
	Battery (for Laptop, 50000 MAH)
	Power Bank (20,000 MAH)
	Monitor
	<i>Semi-Expandable Machinerics and Equipment Expense</i>
	<i>Communication Equipment</i>
	Mobile Phone
	Digital Voice Recorder
	Two-way radio
	Desktop Microphone
	<i>ICT Equipment</i>
	Multi-purpose Geotagging Device (Tablet)
	UPS
	Portable Document Scanner
	Portable Printer
	<i>Printing Equipment</i>
	Printer
	Communication Expenses
	<i>Internet Subscription Expenses</i>
	Other Maintenance and Other Operating Expenses
	ICT Software Subscription
	MS Office 365
	Sophos Firewall Software Subscription (for 100 users)
	Anti-Malware Endpoint Security (for 100 users)

Particulars		1			
Accountable Operational Units		Agricultural Land Management and Evaluation Division (ALMED)			
Functions		Mandate: To evaluate the utilization and management of the network of protected art as for agriculture and agro-industrial development. • Formulate standard guidelines for the inventory and evaluation of development potentials of agricultural lands; • Identify, integrate and evaluate technical data on socio-economic, environmental and physical land aspects for land use decisions needed in the formulation of rural development programs; • Prepare and maintain a nationwide index map showing land distribution; indicative of agricultural areas with comparative land use potentials; • Provide technical services to, and establish linkages with line agencies and other clients and institutions involved in integrated rural development planning; and • Recommend rural development strategies that are consistent with the productive capacity of the available land resources in an area.			
Programs (CY 2023)		Regular Functions (STO)		[Regular Functions (STO)] Strengthening and Mainstreaming the Evaluation Mechanism on Land Use Reclassification (SEMLUR)	
Outputs Expected (efficiency targets) (CY 2023)		Output Indicator	Qty (Target)	Output Indicator	Qty (Target)
		Land evaluation studies conducted	1	National meetings conducted	2
		Stakeholders consultations conducted	2	Stakeholder/beneficiaries trained/capacitated	100
		No. of participants	30	Manual/protocol printed and disseminated	100
		L&D personnel provided	20	Policy Advocacies/recommendations endorse/Technical report	12
				Guidelines reviewed, revised, endorsed	2
				Data forms/Templates reviewed, revised/updated	1
				Meetings/deliberations supported, conducted	3
				Technical sessions/field visits conducted	3
Budget by object of expenditures					
Budget allocated (CY 2023)	MOOE	STO - REGULAR (ALMED)		STO - SEMILUR (ALMED)	
		Travel - Local Training Expenses	461,000.00	Travel - Local Training Expenses	145,000.00
		ICT Office Supplies Expenses	57,000.00	ICT Office Supplies Expenses	150,000.00
		Office Supplies Expenses	40,000.00	Office Supplies Expenses	150,000.00
		Other Supplies and Mat. Exp.	50,000.00	Office Supplies Expenses	115,000.00
		Other Professional Services	30,000.00	Other Professional Services	888,000.00
		Printing and Publication Expenses	632,000.00	RM - ICT Equipment	300,000.00
		Representation Expenses	10,000.00	Printing and Publication Expenses	90,000.00
		Rents - Motor Vehicle	270,000.00	Representation Expenses	72,000.00
		TOTAL	1,710,000.00	Other MOOE	180,000.00
				TOTAL	2,090,000.00

BSWM Financial Accountability Logframe
FY 2023

Particulars		2			
Accountable Operational Units		Geomatics and Soil Information Technology Division (GSITD)			
Functions		Mandate: To generate geospatial data and conduct geospatial analysis of BSWM's map outputs for agricultural development planning, research, and policy formulation to assist the Department of Agriculture (DA) and other stakeholders on their requirements for GIS and spatial data and communicate the message of development on soil and water management technologies. <i>*The division has various functions articulated in each Sections namely: Digital Cartography, Remote Sensing, Soil Geographic Information System, Systems Development and Administration, and Data Processing and Operations.</i>			
Programs (CY 2023)		Regular Functions (STO)		STO- ICT	
Outputs Expected (efficiency targets) (CY 2023)		Geomatics and Soil Information Technology Division			
		Output Indicator	Qty (Target)	Output Indicator	Qty (Target)
		Maps generated/updated (Provinces)	81	ICT Equipment, Supplies and Services	50
		Information System Maintained	13	Please see attached list of ICT Equipments, Supplies and Services	
		Databased Maintained	13		
		ICT Equipment Maintenance conducted			
		Desktop Computers	275		
		Network Equipment	16		
	Switch Hub	14			
	Network Wifi Router	15			
Budget by object of expenditures					
Budget allocated (CY 2023)	STO - REGULAR (GSITD)		STO - ICT (GSITD)		
	Travel - Local		199,000.00	ICT Office Supplies Expenses	432,000.00
	Training Expenses		320,000.00	Semi-Exp - ICT Equipment	240,000.00
	ICT Office Supplies Expenses		330,000.00	Internet Subscription Exp	609,000.00
	Office Supplies Expenses		50,000.00	ICT Software Subscription	2,680,000.00
	Fuel, Oil and Lubricants Exp		20,000.00		
	Other Supplies and Mat. Exp.		25,000.00		
	Telephone Exp - Mobile		30,000.00		
	Other Professional Services		338,000.00		
	RM - Office Equipment		95,000.00		
	RM - ICT Equipment		28,000.00		
	Representation Expenses		230,000.00		
	Other MOOE		45,000.00		
	TOTAL	1,710,000.00	TOTAL	3,961,000.00	
Budget by object of expenditures					
Budget allocated (CY 2023)	STO - REGULAR (GSITD)		STO - ICT (GSITD)		
			ICT Equipment		2,963,000.00
			Computer Software		219,000.00
	TOTAL	-	TOTAL		3,182,000.00

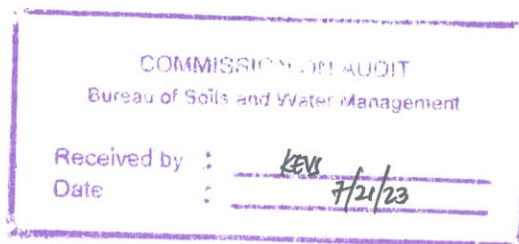
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Republic of the Philippines
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Tel. no. (632) 8273-2474 local 3202

July 20, 2023

Ms. SUSIE JEAN R. EVANGELISTA
State Auditor III
Audit Team Leader



Dear Auditor Evangelista:

Respectfully submitting the attached **FY 2023 Financial Accountability Log Frame** of the Bureau of Soils and Water Management for FY 2023.

For questions and/or clarifications, please contact Mr. Karlo I. Malagayo or Ms. Cathlyn Joy P. Dela Torre at 8273-24-74 local 3211 or email planning@bswm.da.gov.ph.

Thank you very much.

Very truly yours,

CATHLYN JOY P. DELA TORRE
Planning Officer

Noted and approved by:

GINA P. NILO, Ph.D.
Director

ISO/IEC 17025: 2017

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Laboratory Services Division

LA-2023-423A

Soil and Water Resources
Research Division

*"Lupa't Tubig ay Pag-ingatan at Pangalagaan,
Tungo sa Maunlad na Agrikultura at Kabuhayan."*



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