



Bangladesh Water Development Board (BWDB)



Kingdom of the Netherlands



Department of Agricultural Extension (DAE)



Annual Work Plan July 2020 to June 2021 September 2020



Socioconsult Ltd.
for sustainable development



Annual Work Plan

July 2020 to June 2021

September 2020

Blue Gold Program

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Issue and revision record

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Glossary

ADP	Annual Development Plan
ADG	Additional Director General
AEO	Agricultural Extension Officer
AGEP	Agricultural Growth and Employment Program
BAU	Bangladesh Agricultural University
BWDB	Bangladesh Water Development Board
CAHW	Community Animal Health Worker
CAWM	Community-led Agricultural Water Management
CBO	Community-Based Organisation
CDMP	Comprehensive Disaster Management Program
CDSP IV	Char Development and Settlement Project Phase IV
CEIP	Coastal Embankment improvement Project
CGIAR	Consultative Group on International Agricultural Research
CII	Cropping Intensification Initiative
CIMMYT	International Maize and Wheat Improvement Centre
CO	Community Organizer
CPWF	Challenge Programme on Water and Food (CPWF)
CSISA	Cereal Systems Initiative for South Asia
DAE	Department of Agricultural Extension
DAM	Department of Agricultural Marketing
DLS	Department of Livestock Services
DoC or DOC	Department of Cooperatives
DoF or DOF	Department of Fisheries
DP III	Department of Planning III
DPP	Development Project Proposal
DTL	Deputy Team Leader
EKN	Embassy of the Kingdom of the Netherlands
EOI	Expression of Interest
EMM	Euroconsult Mott MacDonald
EWM	Equitable Water Management
FFS	Farmers Field School
FGD	Focus group Discussion
GAP	Gender Action Plan
GESAP	Gender Equality Strategy and Action Plan (of BWDB)
GoB	Government of Bangladesh
GoN	Government of the Netherlands
GPWM	Guidelines for Participatory Water Management
IRRI	International Rice Research Institute
ha	Hectare
HH	Household
IF	Innovation Fund
IFMC	Integrated Farm Management Component
IGA	Income Generating Activity
IMRC	Inter-Ministerial Review Committee
IPM	Integrated Pest Management
IPSWAM	Integrated Planning for Sustainable Water Management
IPSWARM	Integrated Planning for Sustainable Water Resources Management
IWM	Institute of Water Modelling

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IWMI	International Water Management Institute
IWRM	Integrated Water Resources Management
LCG	Local Consultative Group
LCS	Landless/Labour Contracting Societies
LG	Local Government
LGED	Local Government Engineering Department
LGI	Local Government Institutions
M&E	Monitoring and Evaluation
MRL	Monitoring, Reflection & Learning
MoU	Memorandum of Understanding
MoWR	Ministry of Water Resources
MTR	Mid – Term Review Mission
NGO	Non-Governmental Organisation
O&M	Operation and Maintenance
PCD	Project Coordinating Director
PCWM	Polder Community Water Management
PD	Project Director
PDP	Polder Development Plan
PMC	Project Management Committee
PM	Progress Marker
PSC	Program Steering Committee
PWMR	Participatory Water Management Rule
SDE	Sub-Divisional Engineer
SVC	Strengthened Value Chains
SWAIWRPMP	Southwest Area Integrated Water Resources Planning and Management Project
TA	Technical Assistance
T&C	Training & Communications
TL	Team Leader
TNA	Training Needs Assessment
TOT	Training of Trainers
UAO	Upazila Agricultural Officer
UP	Union Parishad
WAP	Water Management Group Action Plan
VC	Value Chain
VCA	Value Chain Analysis
VCD	Value Chain Development
VCS	Value Chain Selection
WASH	Water Sanitation and Hygiene education
WMA	Water Management Association
WMG	Water Management Group
WMIP	Water Management Improvement Project
WMO	Water Management Organisation
WRM	Water Resource Management
WUR	Wageningen University and Research Centre
XEN	Executive Engineer (BWDB)
ZSEs	Zonal Socio-Economists

1. Context

The Blue Gold Program (BGP) has been developed based on the lessons learnt from IPSWAM and other water sector projects in Bangladesh. It is a poverty reduction and economic development program with a central focus on the water management – agricultural & economic development nexus, which is being implemented by BWDB and DAE and which is funded by the Governments of Bangladesh and the Netherlands. Its major task is to reduce poverty and stimulate economic development by linking improved, participatory water management with agricultural production and value chain interventions. The Blue Gold Program is designed to use improved water resource management as a catalyst for agricultural and economic development in the polders. Blue Gold is implemented in 4 coastal districts of Bangladesh; Patuakhali, Barguna, Khulna and Satkhira.

The program is taking place during an about nine-year period from March 2013 to December 2021 (Financial End: June 2021).

Following the Revised Project document (RDPP was approved by ECNEC dated 21st June 2018 and office order dated 16th July 2018), the Blue Gold Program covers 22 polders under Patuakhali, Barguna, Khulna and Satkhira districts. The rehabilitation will be done in all polders and the works will in general include major re-sectioning of embankments, repair/construction/reconstruction and/or improvement of drainage sluices, outlets, and irrigation inlets, re-excavation/excavation of khals/canals, low cost protective works, breach closing and improvement of on-farm water management - construction of interior dykes, construction of culverts, construction of pump sheds and supply of drainage pipes.

However, based on the review of the project activities, especially the progress of physical works both the government agreed to extend the project period for one year to complete all the physical works as mentioned above along with capacity development of WMOs for improved water management in the polders. Following the understanding of the two governments, GoB approved Inter Item Cost Adjustments in June 2020 and subsequently in September 2020 by GoB towards one year no cost time extension of BGP till December 2021 (Financial End: June 2021).

During 2017-18 all 22 polders have been identified and selected with a gross area of about 119,124ha, which confirms to the recommendations of the MTR Mission 2015 and also by the Inter-Ministerial Review Committee, March 2016. Out of these 22 polders 15 of them are from IPSWAM, WAMIP, ECRRP etc. and remaining 7 polders are new which were not been taken up for any repair/rehabilitation in the recent past. However, Blue Gold Program has **categorized** these 22 polders under 3 phases (8 polders under Phase-I, 6 polders are under Phase-II and remaining 8 polders under Phase-III) based on the selection of polders, availability of WMGs, concentration and complexity of implementation of physical works.

1.1 Program Rationale & Objective

Bangladesh, the largest river delta in the world, depends largely for its economic growth on integrated and sustainable water resources management. The three major river systems of the country mark it's physiographic and life of its people. Its waters, its Blue Gold, have fundamentally shaped Bangladesh culture. Efficient management of this immense natural resource remains a continuing challenge and offers at the same time tremendous opportunities.

The approach applied can be best described as water management for development. The BGP is one of several projects implemented by BWDB (and in the case of BGP by BWDB & DAE) that applies the

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Guidelines for Participatory Water Management (GPWM)¹. In a nut shell that means enabling and facilitating participatory infrastructure planning (Water Management Organizations take a keener interest in operation and maintenance if infrastructure is configured in response to their desires) and operation and maintenance (joint effort of BWDB, other government bodies and Water Management Organisations). 'Water management for development' implies that working on participatory water Management needs to be justified by positive development outcomes. The efforts of BGP are not only aimed at establishing water management organisations (WMOs), but also at activating these to use agricultural opportunities created by water management and to use business opportunities created by the improved production environment.

The focus of BGP is therefore not on establishing local water management organisations (WMOs), but on reaping local benefits from improved water management practices. This requires initiatives by WMOs and relevant partners, such as: adapting crop choices to water management; enlisting other resources to further fine-tune local infrastructure; bulking, grading and packaging of produce to serve other markets, etc. More often than not these initiatives required will be shared by the WMOs (or sections thereof) and other actors in the area: local governments, line departments, non-government organisations and the private sector. In order to accomplish this, building active networks of local communities, local governments (e.g. Union, Upazila and District level) with reference to Bangladesh Water Rule 2018, government bodies and departments (e.g. BWDB and DAE) is extremely important. Shared development initiatives require that WMOs interact with other entities; making participation synonymous with cooperation with and between relevant entities. The approach of BGP is more than organisational strengthening of newly established water management organisations. It also builds the institutional linkages (relationships and partnerships). Through which the linked organisations can take joint initiatives and enhance their effectiveness through cooperation.

¹ 1 Government of the People's Republic of Bangladesh, Ministry of Water Resources, *Guidelines for Participatory Water Management*, Dhaka, 2000; Government of the People's Republic of Bangladesh, *Participatory Water Management Rules*, 2014, Circular 20 Magh 1420 Bangla Year/2 February 2014 AD, published in Bangladesh Gazette, Additional Issue, February 11, 2014 (translation: Blue Gold) and Government of the People's Republic of Bangladesh, *Bangladesh Water Rules*, 2018, Circular 24 Sraon 1425 Bangla Year/8 August 2018 AD, published in Bangladesh Gazette, Additional Issue, August 16, 2018. These regulations are reinforced by provisions for local governance: Government of the People's Republic of Bangladesh, *Local Government (Union Parishad) Act*, 2009, Additional Gazette, Dhaka, October 15, 2009 / 30 Asshin, 1416 (Translation World Bank)

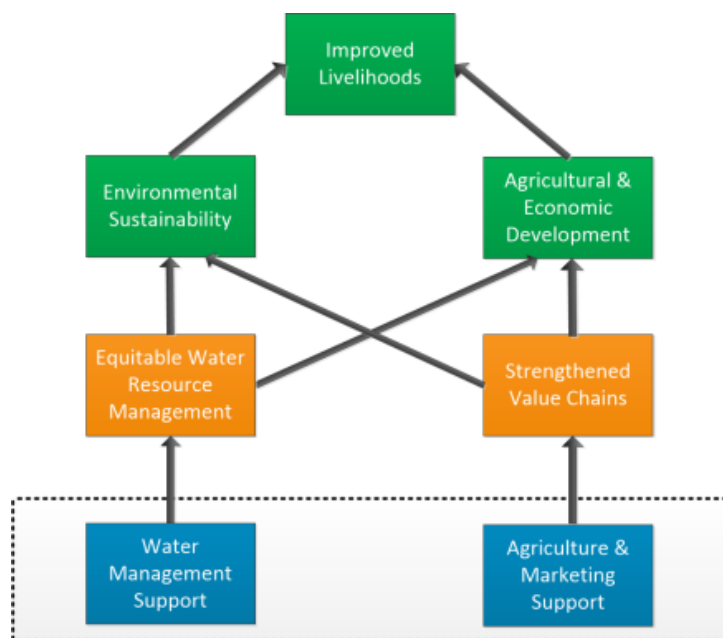


Figure 1: High-level Results Chain

1.2 Overall Goal & Specification

The overall BGP Goal is to ‘Reduce Poverty and Improve Food Security through Equitable Water Management, Agricultural Development, and Economic Growth in Coastal Polders.’

As part of the Theory of Change, a summary Results Chain (Fig. 1) has been developed. It emphasizes the water management, agriculture and market development nexus through integrated and unified approach. Hereafter the specific BGP objectives are summarized. A more in-depth narrative, including underlying assumptions in the Results Chain, is included in the full Theory of Change² As can be seen in the Figure 1, the Results Chain has 3 levels. The blue level is a summary of the activities that Blue Gold implements. These have been summarized around support for water management and agricultural & marketing support. The activities need to lead to sustainable and systemic changes, represented by the orange level of the result chain. Without sustainable changes in the way water management or value chains are organised, impact of the program will only be temporary. The activities should facilitate these changes on the orange level. If these sustainable changes are accomplished, the program will have an impact on polder and household level, the green level of the result chain. The impact on polder and household level is the final goal of the program and accomplished because the changes in water management and agricultural practices result in more environmental sustainability and agricultural & economic development.

1.3 Program Management

The BGP TA is continuing its activities following the integrated unified approach over the last three years. It contributed in increased collaboration and coordination for the cross-disciplinary teams both at field level (cross-disciplinary zonal and polder teams) and at Dhaka level (cross-disciplinary advisory

² BGP Working Paper 5 ‘Theory of Change’, May, 2016

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groups–Strengthened Value Chain Group & Equitable Water Management Group). BGP zonal and polder support TA teams have also been further streamlined under the BGP decentralized approach with the mandate of working independently with BWDB, DAE, other relevant GoB line departments/agencies, LGIs (district, upazila, union), and WMOs at polder levels. This is also an initiative to establish a linkage between the hydrological boundary followed by BWDB and administrative boundary followed by all GoB line departments/agencies in the process of integrated effort for development in the polder areas.

Following the MTR-2016, activities are being carried forward, addressing the phasing out plan; Dhaka, Zonal and Polder teams have been further reorganized and the number of team members at different levels have also been reduced significantly considering the activity plan and its time-line. Based on the annual plan 2019-20 number of local advisors/experts in Dhaka and field have been reduced. However, number of professionals have further been reduced to 35 in July 2020 and gradually it will be reduced to 25 and will continue until June 2021. During July to September 2021 the number will be 13 and finally the number will be reduced to 4 during October to December 2021 following the activities reflected in the annual plan 2020-21.

Based on the fourth performance assessment, CDFs (polder level staff) are reduced to 47 (including 10 CDFs under CWM) in January 2020, later they have been relocated, promoted and remunerated in Blue Gold Program. It may be noted here that concentration of CDF has been reduced significantly in phase I and II polders. However, consideration was also there for the polders where the physical works will continue till June 2021. On the other hand, relatively higher number of CDFs are posted in the new (3rd phase) polders considering its size, population and activities, and such arrangements will continue till June 2021. BGP management is pursuing CWM for their extended role in Blue Gold project activities, especially for capacity development of WMOs. However, BGP plans for increased engagement of WMOs in all polders towards withdrawal of CDFs gradually from Phase I and II polders. Based on the maturity of WMOs, BGP has withdrawn CDFs from a number of old polders. A very few CDFs will continue in a limited number of polders of phase 2, while a plan is also there to engage gradually reduced number of CDFs in new polders till June 2021. Presently 47 CDFs under TA are engaged in all BGP polders and following the 2020-21 work plan, 45 CDFs will continue to work till June 2021. However, following the engagement plan of all CDFs under TA and CWM will be reviewed in December 2020 and reorganized in January 2021 based on the phase out plan and practical situations in the polders.

During 2020-21, FY Blue Gold plans to continue the implementation of infrastructure development activities in 20 polders taking into account that the intensity and quantity of physical works differs from one polder to another. In order to extend support in 20 polders, most of the engineering staffs in the field will continue to work as late as June 2021. During the period of July 2020 to June 2021, the reduced number of BGP CDFs will continue for capacity development of the WMAs and hands on support to O&M activities of water management infrastructure, CA (collective actions), implementation of small infrastructure and HL (horizontal learning) in the Phase II and III polders.

With an especial emphasis, BGP is working on updating the catchment level O&M planning engaging O&M sub-committees with the support from WMGs. It may be worth noting here that the catchment level O&M planning has completed in all polders early this year and effort is being continued to develop their capacity including their respective WMGs and WMAs up to June 2021. BGP initiated Health Check (as a part of monitoring) for WMGs and subsequently for WMAs manually by themselves with support of TA. However, realizing the practical situation and limitations, BGP is planning to continue the self-Health Check for WMAs only during the coming months until June 2021 using the recently developed App.

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BGP Working Paper 5 'Theory of Change', May 2016 till September 2018 - will continue further for the new polders. Up to now, in all 22 polders of BGP, out of 511 WMGs 509 WMGs and out of 36 WMAs 35 WMAs have been registered except two WMGs and one WMA because of the ongoing court. With the initiation of PCD polder level O&M agreement have already been signed by all WMAs for all 22 polders among the representatives of WMAs and XEN, BWDB by end of February 2020.

BGP is continuing to pursue the unified approach and activities of all TA members at central, zonal and polder levels and they are being reviewed regularly on the approach. A manual on Participatory Water Management for Blue gold program has also been developed and is being persuaded by the Zonal and Polder level staff members in field. BGP plans for continuing and scaling up some consolidated positive outcomes such as functional (self-sustained) WMGs, Community led water management for Agriculture (CAWM), Catchment level O&M planning, horizontal learning and partnership, etc. during 2020-21.

However, the overall plan of BGP including the phasing out approach has been reviewed and adjusted based on the progress of physical works implementation as indicated in RDPP. Presently BWDB is pursuing the approval of Item Wise Cost Adjustment and No Cost Time Extension. In addition, completion of EIA studies for 10 polders are also an issue for land acquisition and allocation of GoB fund for implementation of remaining physical works in 10 polders under BGP. The Directorate of Planning III has initiated the EIA studies for those 10 polders using their in-house capacity along with one short term local consultant to address the compliances of EIA. Out of 10 polders, clearance from DoE has been obtained for 6 polders and all together such clearance are obtained for 18 polders. The reports of 4 remaining polders are submitted and presented to DoE and, the clearance for these polders are expected to be obtained by end of September 2020. Based on the occurrence of EKN, logistical support is being provided to the in-house study team working under the guidance of PCD with a support from a local consultant engaged by BGP.

2. Annual work Plan – Workgroups & Service Team

2.1 Water Resource Management

2.1.1 Water Management Rehabilitation Work

Progress up to June 2020

Despite the pandemic Covid-19 during the peak time of working season, the WRM team has been able to do lot of works and substantial progress has been made. Another big challenge was the cyclone Amphan during May 2020. Amphan occurred during the peak working season causing a great amount of damage. However, the polder people worked together with the help of BWDB field officials and BGP zonal team to handle the disastrous situation. Infrastructural rehabilitation works have been carried out in all the 22 polders except 28/2. Cumulative physical progress for all the three districts for 2019-20 is 77%.

All works which was planned for FY 2019-20 based on the RDPP could not be done or initiated last financial year and those works shifted to FY 2020-21. In spite of all the limitations, the BWDB and BGP WRM Team along with TA zonal and polder teams together contributed a lot towards achieving the infrastructure rehabilitation objectives of the program. As a result, almost maximum number of contracts awarded this financial and pending contract is a very few. It takes lots of the time to finalize the contract including pre-construction activities. Thus, the next financial year will be fully available for physical implementation of works from the beginning of the working seasons. The cumulative up to date status of the WRM infrastructure rehabilitation activities as of June 2020 is shown in the table below. The inter-item cost adjustment approval is in the final stage. So, the table will be in the draft stage and will be finalized after getting approval.

In achieving this progress and resolving many field problems and challenges both BWDB and TA central, zonal and polder teams worked very closely and intimately and we hope this will continue for all future activities. Late RDPP approval and contractor/LCS/WMG reluctance, land problems, and less than expected design data collection and designs in many cases influenced work of our service team. In spite of all these hurdles, we tried our level best to continue to achieve the targeted plan with a whole-hearted effort from all including the central, zonal and polder service teams. All these challenges were shared with the BWDB, DAE and EKN, and all of them had positive feedback.

Lessons learnt

In spite of all the good intentions of BWDB and the WRM TA team, it was difficult to achieve the desired progress and quality of the rehabilitation works. Some of the key lessons learnt from previous experiences are listed below:

All work orders for earthworks almost issued & the remaining (If any) must be given as early as possible. TA Team should persistently follow up these activities and keep reporting whenever there is lagging. WRM team needs more cooperation and further sharing of information with the polder teams and

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WMGs. June 30, 2021 is the ending time for completion of all the remaining physical works. So, planning should be done by BWDB and WRM team accordingly.

Table 1: Rehabilitation Work Cumulative Progress (2013-14 to 2019-20)

Sl. No	Works	Program Target	Completed Works	On-going Works	Progress of On-going Works	Total Under Implementation	Item Progress %
1	Embankment Re-sectioning (km)	330.00	323.60	2.32	45%	325.92	99%
2	Embankment Retirement (km)	20.58	18.49	2.09	4%	20.58	77%
3	Canal Re-excavation(km)	545.00	423.83	77.18	34%	501.01	73%
4	Repair of Sluice (nos.)	186	141	12	32%	153	77%
5	Repair of Outlet/ Inlet (nos.)	235	216	1	0%	217	95%
6	Construction of Sluice (nos.)	31	13	15	72%	28	79%
7	Construction of Outlet (nos.)	17	5	12	63%	17	72%
8	Construction of Inlet (nos.)	8	2	-	-	2	28%
9	Construction of Culvert (nos.)	32	6	2	23%	8	46%
10	Pump Shed & Stilling Basin (nos.)	6	3	1	67%	4	72%
11	Low Cost Bank Protection Work (km)	LS	1.53	0.09	81%	1.62	48%
12	Rehabilitation of Interior Dyke(km)	21.00	7.83	13.45	57%	21.28	60%
13	Closure/ Cross-bundh (km)	LS	0.14	-	-	0.14	100%
14	Supply of Drain Pipes (m)	9000	4168	1314	80%	5482	55%
15	Flood Damage Repair (km)	LS	12.90	10.73	28%	23.63	63%
16	GoB O&M	LS	11.89	-	-	11.89	78%

2020 - 2021 objectives

During 2020-21, Blue Gold Program will have to complete all the remaining infrastructure rehabilitation works in almost all the 22 polders. The RDPP had provision for completion of physical works up to 2019-20 and the budget was estimated up to 2019-20. Extension of project period is under process and the proposed project completion for physical works will be June 2021. Since the works could not be completed as per RDPP schedule, all the remaining works and budget will be shifted to 2020-21.

Table 2: Annual workplan of WRM with timeline

SI	Proces	Step	Description of the Unified Work Process and Steps	Target	2020-21												2021					
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A			Pre Construction Works																			
	1		DEM & Catchment Identification	-																		
	2		Final Assessment of remaining rehabilitation works & available budgets	-																		
	3		Rehabilitation Needs Assessment	-																		
	4		Design Data Collection	-																		
	5		Detailed Design	-																		
	6		Estimate Preparation	As per requirement																		
	7		Estimate Vetting	As per requirement																		
	8		APP Approval	As per requirement																		
	9		Preparation of Work Packages	As per requirement																		
	10		Tendering and Work Award	As per requirement																		
	11		LCS Training (WMG)	As per requirement																		
	12		Construction Monitoring Committee Training (WMC)	As per requirement																		
B			Construction Works (updated as per current progress)																			

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	1	Embankment Re-sectioning	2.32 km c/o																	
	2	Embankment Retirement	2.09 km c/o																	
	3	Canal Re-excavation	43.00 km new & 78.17 km c/o																	
	4	Repair of Sluice	20 nos. new & 12 nos. c/o																	
	5	Repair of Outlet/ Inlet	2 nos. new & 1 nos. c/o																	
	6	Construction of Sluice	1 nos. new & 15 nos. c/o																	
	7	Construction of Outlet	12 nos. c/o																	
	8	Construction of Inlet	1 nos. new & 0 c/o																	
	9	Construction of Culverts	2 nos. c/o																	
	10	Pump Shed and Stilling Basin	1 nos. c/o																	
	11	Low Cost Bank Protection Work	0.09 km c/o																	
	12	Rehabilitation of Interior Dike	13.45 km c/o																	
	13	Closure/ Cross-bundh	LS																	
	14	Supply of Drain Pipes	3,518 m new & 1,314 m c/o																	
	15	Flood Damage Repair & Breach Closing	10.73 km c/o																	
	16	GoB O&M	LS																	
C		Reimbursements																		
	1	Reimbursement Claim																		
	2	Reimbursement Processing & Recommendation																		

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2.1.2 Small Scale Water Management Infrastructure

Progress up to June 2020

Small Infrastructure (Gated PVC Pipe Culvert, Field Channel, Small dyke) construction work under SSWMI and CAWM have been successfully completed in the financial year 2019-2020. SSWMI total progress is about 98.61%. Small infrastructure plays an important role for water management at the sub-catchment level. But as we have fund constrain, we are not going to support further to construct small scale and CAWM water management infrastructures at WMG level. Of course, our consultancy supports for SSWMI & CAWM will be continued. WMGs will implement the small water management infrastructure works by their own initiatives as well as by their own funds. All the small-scale activities of PY 2019-2020 have already been completed except field channel/Khal. Only 3% of total field channel activities could not achieved due to standing water in the Khal. Please see the below table.

Item of Works	Program for FY 2019-2020 (Qty.)	Progress as of 31/07/2020 under SSWMI	
		Completed	%
Gated Pipe Culvert	75	75	100
Gated Box Culver	4	4	100
Field Channel/Khal	64	62	97
And CAWMFallboard	1	1	100
Total SSWMI	144	142	98.61%

Lessons learnt

- There is large demand for small scale infrastructure mainly i.e. channels and gated culvert for on farm irrigation.
- In Patuakhali SSWMI (culvert and channels) used for Rabi crops (Mung bean, vegetables and sunflower) Khulna chance crops (Mastered) and Satkhira vegetable and Brow rice.
- Overall adaptation of modern verity crops and technology.
- Market linkage are developing
- Women mobility are increased due to employment has increased
- Due to implementation of SSWMI/CAWM cropping pattern has been changing specially Rabi crops and HYV rice
- In Patuakhali area farmer have learnt from SSWMI how to manage water in the sub-catchment level resulting: they initiating construction of many channels and culverts manage by locally.
- Integration increased within the WMOs member/farmers because water management is a collective action.
- Increased linkage with UP, Upazilla and private partners for small structures development because during construction is required their contribution/help.

Blue Gold Program

2020 - 2021 Planned activities:

- In August to September WMGs of phase 1- 2 and phase 3 polders will have time to Plan for SSWMI by uses their own found – where possible involving LGIs.
- BGP TA Team with cooperation from DAE, will prepare Rabi plan for 2020-21 season.
- From July to November 2020, materials will be developed on the lessons learnt and the results of the first call. This will be done by written material, as well as with a website including a map with all locations where infrastructure is implemented.

2.1.3 Catchment Planning

Progress up to June 2020

As part of the capacity building of WMO's, Catchment Planning has been completed in Phase 1-2 and Phase 3 polders of Patuakhali, Khulna and Satkhira. These catchment plans exist of combined WMG level information. A more detailed outline of the progress is given below.

	No. catchment	Progress	Objective
Phase 1	76 out of 76	100%	70%
Phase 2	45 out of 51	100%	90%
Phase 3	0 out of 72	100%	90%
Total	199	100%	

Lessons learnt

- Catchment committee regular discuss with WMGs/WMA about on farm water management/drainage problems and O&M of water structures. Regarding this they maintain communication with LGIs specially UP/private sectors to resolve the problem.
- WMAs review catchment plan with WMG/catchment committee and initiated to collection of O&M found from farmers/local stakeholders for O &M of water structures of Catchment level. WMAs have organized a linkage building workshop, and invited LGI's such as UPs, LGED and BADC. Results in direct contribution of these organization (such as financial contribution to a re-excavation of a khal, or the uptake in the annual planning of BADC of a khal).
- WMAs need to be introduced at a higher level than the Union Parishad, being the Upazilla Parishad. This makes the linkage building more effective (LGIs are often organized at the Upazilla level) and provides the WMA with higher level connections.

2020 - 2021 objectives

- In 2020 all catchments plan have developed and review and updated the catchment plan through Sub-catchment committee and local resources for O&M
- It is continuous process to all WMAs monitoring for update catchment plans and support to WMGs/Catchment committee activities
- UP/Upazilla and District level water management workshops will be organized

Blue Gold Program

2.1.4 CAWM

Table 3: CAWM Progress up to June 2020

Polder No	Sl.no.	Name of WMGs	WMG member (no.)	CAWM member		Total member under CAWM	Land under CAWM	Replication through HL within the catchment (Farmers)	Replication through HL within the catchment, MV	Total farmers cultivated MV	Total land under MV
				Male	Female	Total	Ha	No.	Ha	No.	Ha
1	2	3	4	5	6	7	8	9	10	11	12
PATUAKHALI											
47/3	1	Tegachia azimuddin khal	293	49	1	50	20	70	29	120	49
47/4	2	Khekhar Khal WMG	251	45	5	50	20	22	12	72	32
	3	Ayium Para Khal	279	55	0	55	20	34	19	89	39
	4	Katakhali Kabirer Khal	296	49	1	50	20	18	12	68	32
55/2A	5	Chownkhola Labilochan Lamna	400	48	2	50	20	25	9	75	29
55/2C	6	Basabaria Puler Khal	404	49	1	50	20	40	17	90	37
	7	Katakhali Khal	315	48	2	50	20	51	13	101	33
43/2B	8	Kalai Kesore	217	50	2	52	20	61	25	113	45
43/1A	9	Uttar Attharagachia	238	60	0	60	20	30	12	90	32
43/2F	10	Bazarkhali	170	48	9	57	20	35	15	92	35
Sub-total 1			2863	501	23	524	200	386	163	910	363

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SATKHIRA												
2 Ex. Part	1	Pallerchad Khal	299	87	2	89	20		75	15	164	35
	2	Darikkha	336	94	6	100	20		50	10	150	30
Sub-total 2			635	181	8	189	40		125	25	314	65
KHULNA												
25	1	Choybaria	165	77	13	80	20		55	11	135	31
	2	Vadradia	232	72	1	73	20		65	16	138	36
34/2 Part	3	Nangladha	321	81	1	82	20		15	6	97	26
	4	R K N K	596	81	2	83	20		20	9	103	29
	5	Brirat	320	75	0	75	20		31	13	106	33
Sub-total 3			1634	386	7	393	100		186	55	579	155
Grand Total (Sub-total 1+Sub-total 2+Sub-total 3)			5132	1068	38	1106	340		697	243	1803	583

- Total Project area: 119124 ha.
- Total CAWM covered (with replication of 2020): BPG Support area 2165 ha & Horizontal Replication 10975, Total =13140ha (CAWM covered 11%).
- Total HH in BGP: 193602 (CAWM covered 7% for 2020).
- No. of WMGs 513 (CAWM covered 25.60 ha/WMG for 2020).
- Average yield production is about 5.5-6.5 ton/ha Aman (source: crop cutting results).
- Diversification of Rabi crops has been increased e.g. sunflower, Mustard, Watermelon, BARI Mung bean and Vegetables. Instead of fallow land or, local Khasari dal.

Table 4: Annual Workplan of community led Agriculture water management (CAWM) with timeline

S. N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A	Community Agriculture Water Management													
1	Consultation meeting with WMG for CAWM	34 WMGs												
2	Area/field selection finalization	17 WMGs												
3	Facilitate & assist CAWM activities	17WMGs	x	x	x	x	x	x	x	x	x	x		
4	Assist sub-catchment WM activities	17 sub-catch.	x	x	x	x	x	x	x	x	x	x		
5	FFD/Crop cutting events and reporting	19 WMGs					x	x						
6	Crop cutting events festival	3					x	x			x	x		
7	Farmer Field School (Rabi FFSs)	34	x	x	x	x			x	x	x	x		
8	Coordination meeting with SAAOs, DAE/BWDB	10	x	x	x	x	x	x			x	x		
9	Coordination with UPs WMOs, BWDB & DAE	15 WMGs	x	x	x	x	x			x	x	x		
B.	Communication and Horizontal Learning													
1	Experience sharing visit	20		x	x	x	x			x	x	x	x	x
2	Identify good practices & fact sheet preparation	16	x	x	x	x	x	x	x	x	x	x	x	x
3	Assist to polder team to organize HLevents	17 events	x	x	x	x	x	x	x	x	x	x	x	x
4	Video/Drama	15		x	x	x	x			x	x	x	x	x
5	Orientation on women empowerment & market	7		x	x	x	x			x	x	x	x	x
6	Assist to WMGs organize informal HL events	30			x	x	x				x	x	x	x
7	Learning/sharing workshop	3						x	x					

2.2 Equitable Water Management

Progress up to June 2020

Significant achievements which were supported by the EWM group are as follows:

- 11 Water Management Associations (WMAs) of 10 Polders had signed O&M Agreement with respective Executive Engineers of BWDB under Khulna and Patuakhali Zone;
- 26 Catchment O&M Sub-Committees had been formed and 190 Catchment O&M Plan had been planned/reviewed/up dated;
- 509 WMGs and 35 WMAs had up dated WMGs' Annual Action Plan (WAP);
- 509 WMGs and 35 WMAs had organized Annual General Meetings (AGMs);
- Linkage development with the LGIs, BWDB, DAE, BADC, DLS and DOF through different activities and field program;
- Supported WMAs to review/up dated WMAs' Action Plan ensuring WMAs' role of monitoring WMGs and Catchment O&M Committees activities as an apex body of WMGs and supervisor of Catchment O&M Sub-Committees and would keep in touch with BWDB, DAE, BADC, DOF, DLS, private sectors and other servicing agencies;
- 21 Community-led Agriculture Water Management (CAWM) had been implemented in 3 (three) zones where introduced short duration HYV paddy, zero tillage mustard cultivation/high value crop by improving catchment level water management;
- Under Small Scale Water Management Improvement (SSWMI) Scheme, BGP supported 142 WMGs to develop small water management infrastructure for proper water management at defined catchment under Khulna and Patuakhali zones;
- Organized formal or informal exposure visit/experience sharing visit/horizontal learning to disseminate good practices, e.g. CAWM, CII, SSWMI and organizational activities of WMGs.

Lessons learnt

- Upazila level workshop on Partnership Development for Implementation Water Management Plan would build up more functional relation among WMOs and LGIs (Union and Upazila Parishad), BWDB, DAE, LGED, BADC and other related Organizations.
- CAWM and SSWMI Schemes implementation helped to increase cropping intensity as well as cropping areas;
- Collective action, CAWM, SSWMI and community coordination may change a lot on crops, water management, crop diversifications and adaptation of climate changed situation;
- Close coordination between WMA and Union Parishad, WMA and BWDB is essential to overcome any difficulty, specially water management related problems;
- BWDB should take more responsibilities regarding Audit and Monitoring of WMOs' activities.

2020 - 2021 objectives

EWM team always facilitating WMOs to review their Annual Action Plan (WAP) by involving the objectives of organization strengthening, proper water management, agricultural development and marketing, women empowerment and implementing their WAP as far as possible for their improved livelihood.

Blue Gold Program

For these purpose, EWM group has planned for targeting the following major objectives:

- Coordination and linkage development between WMAs and BWDB, DAE, LGIs (Union/Upazila), and Private sectors though different types of meetings/workshops;
- Increase agricultural production and cropping intensity by implementing CAWM and SSWMI;
- Establish functional WMAs;
- Enhance Leadership and capacity development of WMOs;
- Empowerment of women through different activities;
- Accelerating good practices through horizontal learning program;
- Accelerate O&M planning and its implementation in catchment level under the leadership of WMAs.

2020- 2021 Planned activities:

Major planned activates of EWM group are as follows:

- Organize Upazila level Workshop on Implementation of Polder Water Management Plan and Partnership Development to increase coordination and linkage between GO/NGO and others;
- Assist WMA to review, implement and monitor Catchment O&M Plan executed by Catchment O&M Sub- Committees;
- Coordinate and communicate with the Office of the Chief Water Management for WMO strengthening activities, Audit Directorate for auditing WMGs/WMAs and Project Coordinating Director and Project Director, DAE for overall activities;
- Assist WMAs to implement Annual Action Plan and review when necessary;
- Participate in Annual General Meeting (AGM) of WMOs;
- Arrange WRM activities sharing meeting with WMAs;
- Women empowerment through different activities;
- Identify resources inside and outside of the polder for O&M purposes;
- Accelerating good practices through horizontal learning;

Table 5: Annual Workplan of Equitable Water Management with timeline

Sl. No.	Task Name	Target	2020						2021					
			Ju l	Au g	Se p	Oc t	No v	De c	Ja n	Fe b	Ma r	Ap r	Ma y	Ju n
1	Coordinate and communicate with the OCWM for the WMG/WMA registration	2 WMGs 1 WMA				X	X	X						
2	Conduct staff's performance appraisal	45 nos.						X						
3	Assist WMA to review WAP & implement.	36 nos.	X	X	X	X	X	X	X	X	X	X	X	X
4	Participate Annual General Meetings of WMOs	509 WMGs 35 WMAs	X	X										X
5	Assist WMAs to review Catchment O&M plan and assist its implementation	190 nos.	X	X	X	X	X	X	X	X	X	X	X	X
6	Facilitate WMAs to identify inside/ outside resources for O&M and others	36 nos.	X	X	X	X	X	X	X	X	X	X	X	X
7	Assist WMA to develop linkage with different GO/NGO and Private agencies	22 nos.	X	X	X	X	X	X	X	X	X	X	X	X
8	Prepare polder wise half yearly report	22 nos.	X					X	X					X
9	Organize workshop on polder WM plan & partnership development	5 Upazilas 3 Districts					X	X	X	X	X			
10	Assist WMOs to generate O&M fund	509 WMGs 35 WMAs	X	X	X	X	X	X	X	X	X	X	X	X
11	Polder level staffing re-arrangement	N/based						X	X					
12	Monitoring WM Infrastructural activities	On-going	X	X	X	X	X	X	X	X	X	X	X	X
13	Communicate with the OCWM and DAE	N/ based	X	X	X	X	X	X	X	X	X	X	X	X
14	Observe International Water Day	As required									X			
15	Identify good practices and arrange HL	Need based			X	X	X	X	X	X	X	X	X	X

2.3 Strengthened Value Chain

Progress to end-June 2010

Improving economic situation in Blue Gold polders by transferring improved agricultural technology, strengthening market linkages, increasing cropping intensity by using improvement in water management situation and proper management of water management structures is the aim of Strengthened Value Chains (SVC) workgroup. A brief description is given below about the interventions taken to achieve the objectives.

- SVC team organized linkage workshops to enhance awareness and strengthen relationship among newly formed WMAs, public sector and private sector representatives. Representatives from DAE, DLS, DoF, BWDB, private companies and members of WMA took part at these events. Participants could develop their networks, learned about potential economic activities, identify scope of work for economic development.
- Linkage workshops were organized to enhance awareness and skill on post-harvest handling and management of vegetables. Vegetable producers lack knowledge about causes and way to reduce post-harvest losses. Blue Gold program trained RFs on postharvest handling, management and business skill development to reduce post-harvest losses for higher income and reduce waste.
- Knowledge improvement training of the mango-farmers was arranged to support BGP farmers. For long there has been demand for improved production and management technology from mango producers and businessmen. This was organized to address their knowledge gap with support from public-private sector actors.
- Training on “Knowledge improvement for selective livestock farmers on climate resilience” was organized for relevant BGP farmer group. It was deemed important to transfer knowledge on climate resilience technologies for livestock farmers in BGP area.
- SVC workgroup activities focused on improving forward market linkages for target beneficiaries, where 124 participants took part. Capacity building training and market visits were organized for resource farmers (RFs). It will motivate them to develop as micro or small enterprises.
- SVC implemented Cropping Intensity Initiative (CII) covering 47 acres of land. Different companies have set 17 demonstrations with 9 WMGs and related lead farmers of BGP to promote their products and share improved technologies.
- BGP ended Cycle 13 that covered 120 TA FFS with a total of 3000 participants who received hands on training on improved agricultural technologies and market linkages.
- A sharing event was organized with DoF with highest level to share BGP fisheries activities and impact.

Lessons Learnt

- Farmer Trainers (FTs) should be selected from polders. Education, age, ICT literacy, mobility are desired qualities along with willingness and acceptability. FTs should remain in the locality and serve farmers. Thus market linkage and capacity building in entrepreneurship development can be helpful for them.

- It is not easy to engage WMA with public and private sector. Attempting too many issues create confusion among participants. The objectives need to be limited only on linkage. Need careful moderation.
- BGP attempted to enhance forward market linkage and improve knowledge on post-harvest loss for vegetable/fish/poultry farmers. It is not easy to find relevant expert at zonal level. Often training material for hands on training is difficult to arrange.
- It is always helpful to assess training need. If problems can be identified early, value chain actors can be engaged in designing local level solutions more efficiently.

2020 - 2021 Objectives

- Engage with the DAE, DLS and DoF in sharing different BGP successes with a view to achieve more internalization and acceptance by government agencies.
- Organize more forward market linkage programs, including more programs for exploring forward market constraints, where possible with WMOs, to improve relationship and income potential
- Work more closely with private companies for linking those with WMOs for promoting quality product and services.
- Introduce 'Collaborative Farming' as expansion to collective action among producer groups as a mitigation measure to market constraints.
- Extend support in impact assessment of business development initiatives and production shift interventions.

2020 – 2021 Planned Activities

With a view to consolidate success of interventions and to strengthen newly formed WMOs, linkage events will be organized with all relevant stakeholders e.g. WMA, DAE, DLS, DoF, BWDB and private sector actors. There will be effort to create relationship between WMO and private sector actors. There is plan to set demonstrations of quality product from different private input companies using WMGs/RFs to promote quality product. RFs are considered as resource of BGP. Additional capacity building programs on developing business planning/entrepreneurship skills will be priority from SVC workgroup. Additional value chain development workshops on postharvest management/quality of product/service marketing will be arranged with support from WMA and private companies to reduce loss and increase income for farmers. Collaborative Farming (CoF) is relatively a new concept. BGP decided to promote CoF as an expansion of collective actions among FFS/MFS groups using RFs. It can be a tool to address weakness in market system due to pandemic and natural calamity. It calls for pulling resource together for overall benefit. There will be workshops/trainings for exploring value addition potential for RFs and/or farmers as well. The workgroup will extend all needed support in M&E and HL events.

Table 6: Annual Work Plan of Strengthened Value Chain with timeline

			2020						2021					
Sl.no.	Task Name	Target	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Sharing event (with DAE/DLS/DoF/BWDB) on BGP interventions and impact	2												
2	Linkage building workshop with WMO, public, private sector actors	3												
3	RF /FT/ WMA capacity building programs on entrepreneurship/SME development	2												
4	Value chain development workshops on post harvest management and value addition	3												
5	Demonstration of quality product/high value product/Cropping intensity etc (including FDD, HL)	12												
6	Workshops on 'Collaborative farming' with VC actors	5												
7	TA FFS implementation (FFD/HL)	30												
8	Piloting collaborative farming demonstration with interested group of farmers	6												
9	Forward market linkage/value chain workshops	3												
10	Impact assessment/capturing success/preparing communication materials/lesson learnt information collection, data collection, survey support/activities													

2.4 Training, Communications and Horizontal Learning

2.4.1 Training

Progress to end-June 2020

BGP Training & Communication team supported zonal and polder teams in WMG capacity development, WMA Catchment Committee for O&M plan preparation, organized and facilitated O&M Agreement Signing Programs, Strengthening Facilitation Skills of SAAOs, DAE field staff. T&C team also implemented different training and capacity building activities to strengthen the facilitation skills of DAE, BWDB & BGP TA team members.

The WMAs will be sole responsibilities and play key coordinating roles for polder water management in the polder. To improve polder water management WMA should monitor, coordinate and encourage to the WMGs and Sub-committees to follow the constitutional responsibilities, generate O&M funds, carryout regular operation and maintenance for improve catchment water management. The WMA should also play active roles in conflict resolution related to water management. On the other hand WMA should establish working relationship with UP, UZ and GoB Line Departments for obtaining support in conflict resolutions and obtaining possessions of the sluice gates & khals are occupied illegally, removal of cross-dam, eviction of Illegal occupancy of sluice & channel, re-excavation of small khals, field channels for improve polder water management.

In aching the above, WMA should establish collaborative relations with the UP, UZ Parishad and District level GoB line departments for obtaining administrative support & solutions, support in conflict resolutions, financial and technological support to improve polder water management in absence of Blue Gold. During this tenure, T&C Team focused to develop capacity of Water Management Association in the following areas:

T&C Team supported to organize and facilitate the program on O&M agreement signing in between WMA and BWDB, which is the formal handing over O&M responsibility to the WMAs. Through this agreement, WMA has gained legislative authority to carry out O&M responsibilities, improve in-polder water management using their own/polder internal resources and expertise as well as outside resources. This process has improved their confidence and ownership on the water management infrastructures.

T&C Team supported zonal team to organize and facilitate workshop on “Partnership Development for Polder Water Management which is the part of strengthening capacity of the WMA at Barguna and Khulna. In that workshop, Executive Engineer & Project Coordinating Director, BWDB, Upazila Nirbihi Officer, Upazila Chairman, Director, DAE and other official from LGED, BADDC, DAE, DoF, DLS, UP chairman’s and the representatives of Water Management Associations participated. The objective of that workshop is to share polder water management plans, achievements and Challenges by the Water Management Associations (WMA) and to sick support from the Union & Upazila Parishad, GoB Line Departments for higher agricultural production through effective polder water management.

T&C Team supported WMA to prepare catchment water management plans with the support of Catchment Committee Members involving farmers and WMG members then validated through a one-day workshop at the concerned Union Parishad. 191 Catchment Plans under 37 WMA in 22 polders has been prepared/revised for the year Jul 2020 to Jun 2021.

Table 7: Training Team Accomplishment- 2019-2020

No.	Training Activities	Participants	Total Batches	Total participants		
				M	F	T
1.	CAWM Rabi Planning Workshop-2019-2020 (01 day)	DAE Representatives WMA, Farmers	02	80	06	86
2.	Training on Catchment O&M Planning Process (5 Days)	O&M sub-committee and WMA members	03	75	20	95
3.	Facilitating the process of WMG wise Water Management Planning Process (half day).	WMG members, sub-committee members	131	840	898	1738
4.	Pre-workshop meeting on catchment plan preparation (half day)	WMA, sub-committee, UP	28	489	140	629
5.	Catchment Planning Workshop (Union Wise) (one day)	Upazila level officer (DAE & BWDB), UP, WMA	08	270	53	323
6.	Seminar on O&M Agreement Signing Program in between BWDB & WMA	EKN, BWDB, DAE, UP, WMA	02	86	20	106
7.	Program on O&M Agreement Signing in between BWDB & WMA	BWDB, DAE, UP, WMA (Khulna).	01	86	20	106
8.	Upazila Workshop on Partnership Development for Implementing WM Plans	Upazila level officer (DAE, BADC, BWDB, LGED), UP, WMA	03	223	27	250
9.	Follow up visit on Catchment Plan Implementation for Improvement O&M and Water Management	WMG, WMA and Catchment Committee Members	23 (WMA)	981	141	1122
10.	Follow up visit of WMA Capacity Building	WMG, WMA and Catchment Committee Members	# visit 65 of 22 (WMA)	432	162	594
11.	Gate Operator Training (On the Job Training) on Sluice Gate Operation & Maintenance	Gate Operator and WMA members	09 batch	68	01	69

Lessons Learnt

WMOs are implementing WM actions which are under their capacity such as removal of water hyacinth, siltation, cross dams, small repairing of pot holes on the embankments, fixing wooden gates, excavation field channels etc. including regular operation & maintenance of sluice gates etc. In many cases, WMOs are trying to develop meaningful relationship with the Union Parishad in order to increase support service to improve in-polder water management. In some cases WMAs could not overcome those challenges due to lack of confidence & coordination, capacity to influence UP to involve in taking action.

Some of the WMGs found reluctant to generate and utilize O&M funds to implement small-scale infrastructures.

WMAs are communicating/coordinating with LGIs and getting positive responses in conflict resolutions in water management issues, removing illegal occupation and operation sluice gates, khals, direct/indirect contribution for O&M activities and service from the line department available under their jurisdictions. From the overall observations these are very good signs that UP and UZ administrations are extending their roles as local guardians which is encouraging and moving towards sustainability. Many WMAs are not equally active and confident to improve partnership relationships with LGIs and UZ line departments.

2020 - 2021 Objectives

- To increase capacity of the Water Management Association for playing active roles as a functional organization and implementation Catchment Plans through effective facilitating roles by the Polder Teams;
- To review and increase the cooperation & coordination's among the UP and WMA for playing roles as implementing partners in improvement Polder Water Management Systems;
- To develop linkages & partnership relations in between WMA, LGI, UZP, and GoB line departments for obtaining cooperation and future support/opportunities for implementing Water Management plans & activities by the WMA through organizing & facilitating workshop at the UZ level;
- To develop awareness of the District level GoB officials regarding Blue Gold Program, introducing Polder Water Management Systems and identify the way to develop coordination among the WMA, UZP DAE, BWDB, DC and his offices;
- To develop sluice gate operation and maintenance knowledge & skills of the gate keepers & WMA representatives through practical training through BWDB Engineers;
- Design and organize National & Zonal level workshop with different donors, GoB departments and BGP Partners to disseminate BGP achievements, learnings and experience.

2020 - 2021 Planned Activities

For the remaining 18 months of Blue Gold - our focus will be on WMO capacity building & Implementation Catchment Plan. Training & Communication will give high attention to gear up the WMAs capacity in light of performing independent roles in implementing their action plans, identify the resources and develop coordination and partnership relations with UP and UZ GoB line departments. To rejuvenate WMAs performance, T&C team with Polder Team will organize a one-day review workshop.

T&C Team has planned to support Polder Teams for developing strong and functional WMAs whose objective is to achieve sustainable agricultural and economic growth for their members using available local resources for polder water management. The Polder Teams will play the roles as facilitator. T&C team will support polder teams to develop their facilitation skills through follow up, coaching and ongoing feedback.

To disseminate BGP achievements, learnings and experience the donors, GoB departments, BGP Partners, and other project people is very important for designing future projects. T&C team will support to management in designing and organizing this event.

In practically UP is playing very vital role in polder water management, providing financial support in repairing and construction of small-scale WM infrastructures, supporting in conflict resolution and working as a bridge to develop partnership relation among WMA and UZ GoB line departments. At the beginning of the project, BGP organized orientation session in some UP and during preparation of Catchment Plans, BGP organize a one-day sharing/validation workshop where WMA found opportunity to share their plans and requirements. In many UP we could not organized any orientation or validation workshop. During the extended period, T&C team planned to refresh that relation through a one-day experience-sharing workshop to develop partnership relations among the WMA & UP.

T&C Team will also complete the remaining UZ and District level workshops for developing coordination, partnership and implementation of polder water management plans by the WMA. These workshops mainly focused to develop the coordination among WMA, UP, UZ and District level offices and to create opportunity to build partnership relations in polder water management. Along with these key activities, T&C team will support to MRL team to organize training and capacity building for WMA Health Dashboard: Use of Mobile Phone for self-monitoring of WMOs.

Training & Communication team will support zonal teams to organize CAWM workshops and Robi Planning workshops including other regular experience sharing, learning shrining and dissemination workshop as and when required.

Table 8: Annual Work Plan of Training with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Support to zonal/polder teams to organize/facilitate Review Workshops on WMA Capacity Building & Implementation Catchment Plan (WMA level).	36					x	x	x	x	x			
2	Follow up & support to polder teams to strengthen Facilitation Skills on WMA capacity building & implementation Catchment plans.	Need based					x	x	x	x	x	x		
3	Support zonal teams to design & facilitate WMA – UP Partnership Development Workshops (UP & WMA level)	50					x	x	x	x				
4	Follow up/support polder teams to guide & strengthen the Capacity on Partnership/ linkages development among WMA & UP level.	Need based					x	x	x	x	x	x	x	
5	Support to organize Workshop on Partnership Development for Implementation of WM Plan/catchment Plan (UZ workshop)	6					x	x	x	x	x			
6	Follow up/support polder teams to guide & strengthen Partnership /linkages Development process of UP & WMAs.	Need based					x	x	x	x	x	x	x	
7	Design & support zonal teams to organize & facilitate Coordination workshop on Polder Water Management Systems at District level.	3					x	x	x					
8	Support polder teams to Organize & facilitate Gate Keepers Training on Sluice Gate Operation & Maintenance.	182	x	x	x	x	x	x	x	x	x	x		

2.4.2 Communication & HL

Progress to end-June 2020

Considering the capacity building of WMA, BGP organized drama show at the polder level. The total number of demonstrated drama was 35, under 12 polders covering 28 Unions and 10 Upazilas of the program area. A large number of audiences enjoy the drama show in 3 zones. In summary, the total audience is 14260 among them female is 4304, the male is 7518 and children are 2438. The drama was appreciated by the representative of UP, DAE, BWDB, WMO, and local communities.

Blue Gold Program created an opportunity through HL events, where participants can learn from those who have already successes on the particular issues. we have successfully organized 14 HL events on different issues on organizational capacity building, good agricultural production, CAWM.

During this reporting period, we have developed several videos on different issues. We have different categories of videos like success stories, achievements, instructional, and event wise videos which are also considered as visual reporting. Some videos developed within our capacity and some are from outside vendors. BigBlue developed 2 professional videos for BGP “What Water Management Means to Me” & “BGP ToC”. Simultaneously we have got a process documentary on “Implementation of CAWM” and 6 success stories on CAWM related issues in both version Bangla and English form AVcom.

Blue Gold Program Participated in different national international platforms to share our working strategy, approach, achievement, challenges, and learning. We organized and participated in different international, national, and local level events. Like the 6th Gobeshona International Conference on Research into Action in Bangladesh, Dhaka Water knowledge Day. By conducting 4 sessions on different issues, demonstrated a polder replica, and a stall on BGP innovation fund activities, we have highlighted the Blue Gold program in front of others.

16th issue of the BARTA Bangla newsletter and 6th issue of Trend Watcher English newsletter was the last issue during this reporting period. We have developed 6th posters and many slide decks through BigBlue communications. We are regularly operating our virtual media BGP Facebook, YouTube, and website where we are uploading BGP ongoing activities, success stories, WMOs initiatives, etc. Currently, 2045 people like the BGP Facebook page, and 2070 people are following us. We have 4,435 viewers on our YouTube channel.

2020 - 2021 Objectives

Bearing in mind the capacity building of WMOs, the activities of the HL team will very specific and focused. By the support of the polder team, we will identify good practices and will document those in both ways: printing and audiovisual. Through our horizontal learning program, we would like to spread WMOs success, so that others can learn from them and implement those accordingly.

Table 9: Annual Activity Plan of Communication & HL with timeline

S. N	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Assist to polder team for Identification of good practices	100 nos.	x	x	x	x	x	x	x	x	x	x		
2	Fact sheet preparation of identified good practices (100 best success stories)	01 nos.							x	x	x			
3	Assist to Polder Team to organize horizontal learning, experience sharing events/visits (WMO capacity building, SSWM, CAWM, Hazol, Modern Poultry Shad, Line swing, parching, IPM etc.)	50 nos.			x	x	x	x	x	x	x	x		
4	Learning/sharing workshop (Zone level)	2 nos.						x	x					
5	Video screening at polder level	100 nos.			x	x	x	x	x	x	x	x		
6	Develop O&M awareness notice and installation at sluice site	130				x	x	x						
7	Printing materials (Booklet, flipchart, leaflet, posters and distribution)	L/S							x	x	x	x		
8	Developing and uploading videos (hire drone)	100	x	x	x	x	x	x	x	x	x	x	x	x
9	Work with printing and electronic media	20				x	x	x	x	x	x	x	x	

2.5 Gender Mainstreaming

Progress to end-June 2020

Gender related achievements of last year (July 2019 – June 2020) are presented below:

- The new approach of the Gender and Leadership Development (GLD) training with 5 informal sessions per group was successfully implemented by BGP's own field staff, reaching 7336 women and 3763 men. Many gender court yard sessions (one-off gender awareness sessions) were conducted reaching another 5038 women and 2884 men, addressing the importance of women in WMOs and their involvement in productive work (women's economic empowerment).
- BGP's gender flipcharts, developed in 2018, were extensively used, not only in the above gender training, but also within FFS sessions.
- In total 4 trainings on Market Linkage Development and Women's Empowerment were held, 2 joint workshops (BGP and Union Parishads) on Women's Empowerment and 3 HL sessions specifically on women's empowerment, with 304 participants in total, including 253 women.
- Various communication materials were developed jointly with Big Blue: a slide deck and a 4-pager on gender mainstreaming and women's empowerment in BGP as well as 5 case study handouts (2-pagers) on specific topics related to women's empowerment. A 6th 2-pager (on LCS work) was under preparation by June 2020. The production brief for the film on women's empowerment and poverty reduction was jointly prepared with Big Blue.
- During the Gobeshona conference in January 2020 a successful session was conducted titled "Empowering Women for Economic Development and Resilience", drawing 70 participants.
- Chapter 24 of the Lessons Learned Report on Women's Empowerment was prepared, for which purpose a series of interviews were conducted among BGP colleagues at field, zonal and Dhaka level. The gender team contributed to other sections of the LLR, such as women's participation in water management (16.5), the (draft) section on LCS work in BGP (25.2) and input into the section on sustainability.
- The gender part of the Project Completion Report was elaborated.
- International Women's Day 2020 was successfully celebrated at zonal and Dhaka level.
- Many women WMG members (an estimated 3400 women in Khulna, Patuakhali and Satkhira) played essential roles in communicating covid-19 related hygiene measures in various local communities, promoting handwashing, use of face masks, and social distancing. They assisted their Union Parishads in identifying families for food or financial assistance.

The gender team, especially the gender coordinator, supported the polder teams in integrating gender perspectives into their work. Almost all planned activities of the 2019-2020 workplan have been implemented, even though not always at the scale as hoped for, especially because of the discontinuation of many field activities in March 2020 due to the covid-19 crisis. In particular, gender training to WMAs has not yet been conducted and -unfortunately- the envisaged project by ActionAid Bangladesh on feminization of agriculture did not take place because of ActionAid's withdrawal, supposedly due to the unavailability of suitable internal staff.

Lessons learnt

- Women's contribution to production and income ("economic empowerment") continues increasing. Now that women and men realize that women's engagement in productive work is

beneficial, this change seems irreversible, hopefully despite crises such as covid-19 creating extra limitations.

- The unique role of women WMG members in covid-19 related activities in reaching out to other women community members confirms the importance of having both men and women represented in WMGs.
- The documentation of lessons learned, including data and case study collection, better manifested that women's empowerment is not only contributing to more "gender equality", but also is an important factor in better achieving BGP's objectives, such as poverty reduction.
- A main challenge and lesson learnt is that improvements in women's empowerment and gender equality need to be robust, engrained in norms and values of men and women. This is important in order to ensure sustainability, ie that women are not relegated back to a less equal position in times of changes or crises. A project's gender approach therefore needs to be solid and comprehensive, targeting men and women, with mutually reinforcing messages.

2020 - 2021 objectives

- Further increasing gender awareness, women's empowerment and women's leadership, including in WMAs, especially to ensure that achievements related to women's empowerment and gender equality become more sustainable;
- Continued contribution to documenting Blue Gold's lessons learnt, in particular related to gender equality and women's empowerment.

2020 - 2021 Planned activities

The planned activities are largely a continuation and/or completion of ongoing gender activities, e.g. in polders or at levels (such as WMA) where there is most scope for improvement. The extent to which planned activities can be realized in the polders will also depend on developments related to the covid-19 pandemic. If and when needed or possible, alternative implementation methods will be considered, in particular, by replacing face to face contacts by other means such as telephone or video calls.

- Detailed activities are presented in the following excel table; they are summarized as follows: Continuation and/or completion of various on-going gender activities, such as GLD training, gender court yard sessions, IWD 2021, and gender support to polder teams;
- Informal gender training to WMAs and support for women's leadership in WMAs;
- Continued support to women to become (better) involved in production increase, income generation and (joint) decision-making, also paying attention to their total workload; this includes targeting also men to create awareness on sharing domestic work.
- Completing the input to the Lessons Learned Report; developing / finalizing possibly two more 2-pagers (on LCS work and on feminization of agriculture); providing further input to the development of the film on women's empowerment and poverty reduction; and developing a booklet with stories / case studies on women's empowerment.
- Conducting a survey to assess the impact of covid-19 on especially women in BGP's polders by telephone interviews of key resource persons.
- Where needed and possible, providing input for other BGP activities, such as contributing to the survey instrument (questionnaire) for the end line survey and/or gender related data analysis.

Table 10: Annual Work Plan of Gender Mainstreaming with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Promote that 45% of the general members of the WMGs are involve decesion making processs new polders by CYS	Polder 34/2, 25,28/1, 27/1, 27/2, 28/2 P-47/3, 47/4												
2	Promote that at least 10% of the important positions in EC are occupied by women in WMA through discussion and small meeting	50%												
3	Implementation of Gender and Leadership Development training by CDFs through CYS with WMG Members	34/2, 25,28/1, 28/2, 27/1, 27/2, P-47/3&, 47/4, S-2 & Extension part												
4	Implementation of Gender and Leadership Development training by CDFs through CYS with WMA EC Members	35 WMA												
5	Increase women's involvement in decision making and leadership (especially in WMA) through CYS and general discussion with women and men)	Patuakhali -21 Khulna -11 & Satkhira 3												
6	Women empowerment through Horizontal Learning Program exchange events	Khulna 5 events, Pat: 3; Sat: 2												
7	Training on Market Linkages and Women's Empowerment I 2-days training)	Patuakhali -1 Khulna -1												

8	Increase women's involvement in CAWM (through discussions and meetings)													
10	Observation of International Women's Day	1 event khulna , patuakhali and khulna									x			
11	Support to polder teams for gender mainstreaming (based on needs)	All polders	-	-	-	-	-	-	-	-	-	-	-	-
12	Servay on women contribution and situation during Covid -19		-			-	-	-	-	-	-	-	-	-
13	Finalize LCS hand out develop hand out on Feminization of Agriculture, including by collecting case studies.		-	-	-	-	-	-	-	-	-	-	-	-
14	Develop a booklet on women's empowerment	1												
15	Contribute to the further development of the women empowerment flim (By big blue)													
16	Collecting more women empowerment related success story, Video clip to contributed to better achieving BGP's overall objectives													
17	Collecting more gender related information, including case studies													
18	Develop separate reports, e.g. one about feminization of agriculture.													
19	Contribute to Final Report													

2.6 Monitoring, Reflection Learning

Progress to end- June 2020

The major achievements of MRL Team so far and BGP activities where members of MRL Team have contributed are:

- Implementation of baseline surveys (phase I & II) and preparation of report of baseline survey phase II;
- Development and implementation of WMG tracker; collected output data related to WMGs quarterly, analysed the data and prepared reports;
- Development of monitoring parameters for and implementation of participatory monitoring (PM) at WMG level; implemented PM six-monthly, analysed the data and prepared reports;
- Development of monitoring parameters for and implementation of participatory monitoring at WMA level; implemented PM six-monthly, analysed the data and prepared reports;
- Facilitated polder-wise reflection sessions on the results of WMG tracker and PM of both at WMG and WMA levels, for zonal/polder teams;
- Development of MIS (dashboard) – uploaded data and reviewed the auto-generated reporting;
- Development and implementation of polder dashboard – providing overview of the progress of individual polders towards the goals of the Blue Gold Program vis-à-vis ten proxy indicators;
- Issuance of Trends Watcher, BGP bulletin;
- Coordination of half-yearly progress report and annual work plan of BGP;
- Development of WMO health dashboard (on going) – to introduce web-based self-monitoring by WMAs and WMGs.
- Conducted two WMG survey 2018 and 2019 to understand the outcomes of BGP interventions especially the economic changes and income increases. Based on the findings of the study, two reports have been prepared as “Technical Report 25 : Improving the Productivity of Land in Coastal Bangladesh: Outcomes of Blue Gold Interventions2013-2018” and “Technical Report 26 : Improving the Productivity of Land in Coastal Bangladesh: Outcomes of Blue Gold Interventions2013-2019”. In addition, the study includes a survey on the outcomes of CAWM interventions of BGP.
- MRL team attended the Gobeshona conference in January 2020 a successful session was prepared and conducted titled “outcomes of an integrated water management intervention – rethinking the community’s role?”, to share its experience on participatory water management through BGP and the outcomes of BGP interventions.
- Strating of the impact survey/endline survey of BGP is to measure changes in the lives and livelihoods of the coastal communities of BGP polders. The Impact assessment study entails collecting houlshold level primary data from BGP polders locations and analyzing them in compare to the benchmark/baseline 1 and 2 surveys carried out in 2014 and 2017 to measure the outcomes of BGP and its impacts on the livelihood of coastal communities of Bangladesh. The impact survey is using a panel sample, interviewing the same households as those in the baseline survey.

The MRL Team has been providing support to the implementing teams by way of providing them data on field realities with analysis, bringing to light the strengths and weaknesses of WMOs as well as the progress of WMOs at outcome level, and by way of reflecting together with them on the field realities. It has provided feedback to the management and implementing teams on the progress against BGP targets so that appropriate decisions could be taken.

Supporting implementing teams through information delivery was possible because of cooperation of polder teams to collect data and the MIS has been in good working condition.

Lessons learnt

- Sharing monitoring findings with implementing teams is helpful for planning and decision making.
- Polder teams need to facilitate reflection on and learning from monitoring results with WMOs.

2020 - 2021 objectives

The MRL Team aims to achieve two-fold objectives:

- The MRL team aims to contribute to capacity building of the WMOs. It intends to support WMOs to assume responsibility of data collection for self-monitoring – the data that will help WMAs to take management decisions regarding water management in their polders.
- The MRL team also intends to carry out the outcome and impact assessment of BGP and explore of the effect and impact of BGP interventions on the livelihoods of the targeted population.

2020 - 2021 Planned activities

The MRL team believes that collection of information about WMOs and data management should continue even beyond the project period. The data will help WMAs –the organizations that are responsible for water management of polder areas through management, operation and minor maintenance of infrastructures– in taking management decision. For this reason, the MRL Team will seek to help WMOs to learn doing self-monitoring using a web-based monitoring system, to learn to take a look at their own functional status and performance, and to learn to use the monitoring results for planning future actions for further improvement.

MRL team will conduct the WMG survey, 2021 and coordinate and guide the impact assessment/end-line survey of Blue Gold Program. These studies will help to assess and understand of the outcomes and impacts of project interventions on the livelihoods of the targeted population.

Table 11: Annual Work Plan of Monitoring, Reflection Learnign with timeline

S. N.	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	WMO Health Dashboard	1												
	- Development of App by IT Solution Provider													
	- Testing of functionality of the App													
	- Review options in web-panel													
	- Training of CDFs for training of WMOs													
	- Training of WMAs & WMGs on the App													
	- Self-monitoring (data entry) by WMAs & WMGs													
	- Follow-up of data entry by WMAs and WMGs													
	- Reflect on the results with WMAs & WMGs													
2	Endline Survey	1												
	- Preparation for the survey													
	- Data collection													
	- Data analysis & report writing													
3	WMG Survey	1												
	- Preparation for the survey													
	- Data collection													
	- Data analysis & report writing													
4	Half-yearly Report	2												
	- Half-yearly report of MRL Team													
	- Coordination of half-yearly report													

2.7 Innovation Fund

Progress up to now June 2020

The Blue Gold Innovation Fund (BGIF) was utilized to finance innovative approaches and new initiatives for socio-economic development in BGP area. BGIF projects are expected to contribute to the outcome /results of the BGP. BGIF currently has 2 projects under implementation (Table-1).

Some highlights from the period July 2019 to June 2020 addressing objectives are:

- Working towards a successful closure of the Blue Gold Innovation Fund.
- Paying special attention to the effectiveness of the final projects under implementation, to which extent they are delivering the outputs are promised and contributing to desired outcomes.

With many project and activities conducted in 2019-2020, the BGIF has limited remaining budget left. This implies BGIF will only have to complete payment for two remaining projects.

Lessons learnt

- It has been observed, there is intentional overly ambitious and innovative approach to win the project funds, to later find out, through stakeholder consultation, that there is no willingness/capacity to adopt the innovative approach, preferring simpler and less innovative approaches, which also happen to be less expensive to develop. We have suggested remedial this through strong negotiation and making sure that the original budget assigned to those innovative activities are still properly utilised. Later, we also included payment milestones in contracts to ensure effectiveness.
- Including and agreeing upon these payment milestones assures common understanding about outcome of BGIF projects, both from BGP and project implementers.

2020 - 2021 objectives

- Working towards a successful closure of the Blue Gold Innovation Fund.
- Gathering lessons learned of the Blue Gold Innovation Fund, extracting best practises and avoiding pitfalls.
- Paying special attention to the effectiveness of the final projects under implementation, to which extent they are delivering the outputs are promised and contributing to desired outcomes.

2020 - 2021 planned activities

- Conducting monitoring of innovation projects under implementation, paying special attention to the larger volume contracts.
- Ensuring proper project documentation and communication about innovation fund project outcomes through progress reports, the Blue Gold website and project videos and reports.

Table 12: Annual Work Plan of Innovation Fund with timeline

			2020						2021					
Sl.no.	Task Name	Target	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Leveraging decision making science to sustain climate- and market-smart mungbean advisories in Patuakhali's polder communities													
2	Development of value- added products from water hyacinth to support alternative livelihoods and ecological resilience in coastal villages of southwest Bangladesh													

3. Annual Budget Estimate

S. N	Task name	Quantity	Budget BDT (Lakh)	Budget Euro (K) EUR: BDT 1: 98
1	Equitable Water Management			
1.1	Facilitate WMAs with support of polder team to identify inside/ outside resources	36	1.08	1.10
1.2	Support polder team to develop linkage between WMAs and different GO/NGOs and Private agencies	36	1.08	1.10
1.3	Print WM Manual for WMOs, BWDB and DAE	1500	7.5	7.65
1.4	Organize Upazila level catchment plan sharing workshop	36	1.08	1.10
1.5	Support polder team to organize sharing meeting with WMA about WRM activities at polder level	40	3.6	3.67
1.6	Support polder team to organize Horizontal Learning (HL)	36	1.08	1.10
1.7	Subtotal of EWM		15.42	15.72
1.8	CAWM			
1.8.1	Aman rice seed		5	5.10
1.8.2	Fertilizer (Aman)	50	5	5.10
1.8.3	Crop cutting (Rice)		1	1.02
1.8.4	Rabi crop seed (Sunflower, Maize, Mustard, Vegetables)		2	2.04
1.8.5	Fertilizer (Rabi)	25	4	4.08
1.8.6	Crop cutting (Rabi crop)	50	1	1.02
1.8.7	Crop cutting festival	3	6	6.12
1.8.8	SAAO Coordination meeting	6	1.65	1.68
1.8.9	Subtotal of CAWM		25.65	26.17

S. N	Task name	Quantity	Budget BDT (Lakh)	Budget Euro (K) EUR: BDT 1: 98
1.9	Sub-total of EWM+CAWM		41.07	41.90
2	Strengthen Value Chain			
2.1	Sharing event with DAE, DLS and DoF for other relevant interventions (process and impact)	2	3.0	3.06
2.2	Linkage building workshop with WMO, public and private sectors	3	3.0	3.06
2.3	RF /FT/ WMA capacity building on entrepreneurship/SME development	2	5.0	5.10
2.4	Value Chain development workshops- on postharvest management/quality of product/service marketing	3	3.5	3.57
2.5	Demonstration on /organize need based trainings of quality product from different private input companies using WMGs/RFs (FDD/HL)	10	3.0	3.06
2.6	Workshops on 'Collaborative farming' with concerned VC actors	5	3.0	3.06
2.7	TA FFS implementation (including trial, kit, FFD, HL)	TBD	22.0	22.45
2.8	Piloting collaborating farming demonstrations with interested group of farmers and VC actors	6	3.0	3.06
2.9	Forward market linkages / VC development workshops/linkage events	TBD	1.5	1.53
2.10	RF market visit/BGP impact assessment (consolidating SVC successes)/ need based trainings	TBD	3.0	3.06
	Subtotal for SVC		50.0	51.02
3	Water Resource Management			
3.1	Embankment Re-sectioning	2.32 km (c/o)	62.33	63.60

S. N	Task name	Quantity	Budget BDT (Lakh)	Budget Euro (K) EUR: BDT 1: 98
3.2	Embankment Retirement	2.09 km (c/o)	193.61	197.56
3.3	Canal Re-excavation	43 km (new) +78.17 (c/o)	2,337.89	2,385.60
3.4	Repair of Sluice	20 nos.(new) + 12 nos(c/o)	1,048.33	1,069.72
3.5	Repair of Outlet/ Inlet	2 nos.(new)+ 1 nos (c/o)	13.39	13.66
3.6	Construction of Sluice	1 nos(new) + 15 nos (c/o)	1,425.51	1,454.60
3.7	Construction of Outlet	12 nos (c/o)	411.68	420.08
3.8	Construction of Inlet	1 nos. (New)	0	0
3.9	Construction of Culvert	2 nos (c/o)	43.92	44.82
3.1	Pump Shed & Stilling Basin	1 nos (c/o)	3.07	3.13
3.11	Low Cost Bank Protection Work	LS+0.09 nos (c/o)	324.26	330.88
3.12	Rehabilitation of Interior Dike	13.45 nos (c/o)	167.06	170.47
3.13	Closure/ Cross-bundh	LS	0	0
3.14	Supply of Drain Pipes	3518 m(new) +1314 m(c/o)	116.37	118.74
3.15	Flood Damage Repair & Breach Closing	LS+ 10.73 nos (c/o)	298.96	305.06

S. N	Task name	Quantity	Budget BDT (Lakh)	Budget Euro (K) EUR: BDT 1: 98
3.16	GoB O&M	LS	132.14	134.84
3.17	Sun total of WRM		6,578.52	6,712.76
4	Monitoring, Reflection & Learning (MRL)			
4.1	WMO Health Dashboard (Development & Training)	1	22	22
4.2	Endline Survey	1	100	102
4.3	WMG Survey 2020-21	1	80	82
4.4	Subtotal of MRL		202	206
5	Training, Communication and Horizontal Learning			
5.1	Training			
5.1.1	Support to zonal/polder teams to organize/facilitate Review Workshops on WMA Capacity Building & Implementation Catchment Plan (WMA level).	36	4	3.67
5.1.2	Support zonal teams to design & facilitate WMA – UP Partnership Development Workshops (UP & WMA level)	50	13	12.76
5.1.3	Support to organize Workshop on Partnership Development for Implementation of WM Plan/catchment Plan (UZ workshop)	6	12	12.24
5.1.4	Design & support zonal teams to organize & facilitate Coordination workshop on Polder Water Management Systems at District level.	3	8	7.65
5.1.5	Support Zonal team to organize/facilitate Robi Planning Workshop (02 days)	2	3	2.65
5.1.6	Support zonal team to organize CAWM Planning workshop (02 days)	2	3	2.65
5.1.7	Organizing seminar to disseminate BGP achievements, learning and experiences (zonal & national level)	4	12	12.24

S. N	Task name	Quantity	Budget BDT (Lakh)	Budget Euro (K) EUR: BDT 1: 98
5.1.8	Subtotal of Training		53	53.86
5.2	Communication & HL			
5.2.1	Assist to polder team for Identification of good practices	100 nos.		
5.2.2	Fact sheet preparation of identified good practices (100 best success stories)	01 nos. 500 copy (500 x 175)	0.88	0.89
5.2.3	Assist to Polder Team to organize horizontal learning, experience sharing events/visits (WMO capacity building, SSWM, CAWM, Hazol, Modern Poultry Shad, Line swing, parching, IPM etc.)	50 nos. (50 x 15000)	7.50	7.64
5.2.4	Learning/sharing workshop (Zone level)	2nos. (2 x 40000)	0.80	0.82
5.2.5	Video screening	100 nos.	00	00
5.2.6	Develop O&M awareness notice and installation at sluice site	130 nos. (300 x 130)	0.39	0.40
5.2.7	printing Material	L/S	3.00	3.06
5.2.8	Developing and uploading videos (hire drone)	100	2.00	2.04
5.2.9	Work with printing and electronic media National TV news	20	1.50	1.53
5.2.17	Subtotal of Communication & HL		16.07	16.38
5.3	Subtotal of Training, Communication & HL		69.07	70.24
6	Gender Mainstreaming			
6.1	Gender and leadership development training with WMG Through CYS	200	0.20	0.20
6.2	Gender and leadership development training with WMA	105	1.05	1.07

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S. N	Task name	Quantity	Budget BDT (Lakh)	Budget Euro (K) EUR: BDT 1: 98
6.3	Women empowerment through HLP	10	3.00	3.06
6.4	Training on market linkage development and women empowerment	2	0.80	0.81
6.5	IWD celebration with UP & WMA	35 events	1.75	1.78
6.6	Small book published on women empowerment	100	3.00	3.06
6.8	Sun total of Gender Mainstreaming		9.8	9.98
7	Sub Total (Cluster 1 - 6)		6950.46	7091.96
8	Miscellaneous (7%)		486.53	496.44
9	Total		7436.99	7588.40

Annex A: Infrastructure Works

Rehabilitation Work Progress for 2019-20 is shown below:

Sl. No	Works	Total Work (km/nos.)	Completed Works	On-going Works	Progress of On-going Works	% Total Progress	Overall cumulative Progress %
1	Embankment Re-sectioning (km)	65.01 4	37.494	2.32	45%	94%	77%
2	Embankment Retirement (km)	4.655	1.855	2.09	4%	76%	
3	Canal Re-excavation (km)	150.0 6	72.877	77.18	34%	81%	
4	Repair of Sluice (nos.)	72	42	12	32%	91%	
5	Repair of Outlet/ Inlet (nos.)	3	3	1	0%	95%	
6	Construction of Sluice (nos.)	21	7	15	72%	83%	
7	Construction of Outlet (nos.)	17	5	12	63%	80%	
8	Construction of Inlet (nos.)	-	-	-	-	-	
9	Construction of Culvert (nos.)	2	1	2	23%	56%	
10	Pump Shed & Stilling Basin (nos.)	4	3	1	67%	93%	
11	Low Cost Bank Protection Work (km)	0.556	0.411	0.09	81%	97%	
12	Rehabilitation of Interior Dyke(km)	-	-	13.45	57%	57%	
13	Closure/ Cross-bundh (km)	-	-	-	-	-	
14	Supply of Drain Pipes (m)	4480	4480	1314	80%	100%	
15	Flood Damage Repair (km)	1.54	0.88	10.73	28%	80%	
16	GoB O&M			-	-		

Annex B: Khulna Zonal Plan

Annual work plan of Khulna Zone Progress to end-June 2020

- O&M agreement have signed among 5 WMAs and Executive Engineer, Khulna O&M Division-1/2, BWDB, Khulna of 6 Polders;
- WMAs selected representatives were participated in Upazila level Workshop on Implementation of Polder Water Management Plan and Partnership Development;
- 77 nos. Catchments O&M Plan have been reviewed/updated and its implementation;
- 260 nos. WMGs Action plan have been reviewed/updated and its implementation;
- 11 nos. WMAs' Action plan have been reviewed/updated and its implementation;
- 260 nos. Water Management Groups have organized Annual General Meetings (AGM);
- 10 nos. Water Management Associations have organized Annual General Meetings (AGM);
- 61 nos. WMGs were awarded Small-Scale Water Management Infrastructures (SSWMI) scheme which were almost completed;
- 6 nos. Community led Agriculture Water Management (CAWM) were implemented covering 6 WMGs, 103 ha of land and 509 farmers;
- WMGs have cleaned water hyacinth, removed silt from different khals, manufactured wooden box culvert, made cross dam for proper water management;
- WMGs have collected Savings of Tk. 23,23,700/-, O&M fund Tk. 517,638/- and O&M fund utilization Tk. 505407;
- 115 nos. of GLD Session were conduct under 41 groups at WMGs level for gender awareness;
- Conducted courtyard sessions under 44 nos. WMGsfor gender awareness;
- 3 WMG have organized 3 horizontal learning events on Water Managements, Organization and CAWM activities;
- 180 WMGs have conducted emergency meeting on COVID-19 and others. In the meeting they have discussed Govt. and Blue Gold Policy on COVID 19 and decided to maintain all policies strictly. All WMGS distributed hand sanitizers, leaflets, soaps and others.
- In the reporting period, 7.760 Km embankment re-sectioning and 2.060 Km retired embankment, breach closing 089 km, marginal dyke 0.505 km, low cast bank protection work 0.119, 15 sluices repairing work, 2 new sluices construction work, 40.628 Km Khal re-excavation work and mechanical work of 26 sluices were completed;
- 4 WMAs have applied UNO and other Officers for helping WMA to remove water hyacinth, net-patta and illegal occupancies from different Khals, as a result, UNO conducted Mobile Court and has taken legal action against illegal work in some areas;

- WMGs have collectively sold moringa/vegetables, purchased hybrid rice seeds, fertilizers for Boro crop, fish feed, fingerling, eggs etc., as a resulting good relationship has developed with different inputs and output market actors;

Lessons learnt

- CAWM and SSWMI Schemes implementation helped to increase cropping intensity as well as cropping areas;
- Upazila level workshop on Partnership Development for Implementation Water Management Plan would build up more functional relation among WMOs and LGIs (Union and Upazila Parishad), BWDB, DAE, LGED, BADC and other related Organizations.
- Collective action, CAWM, SSWMI and community coordination may change a lot on crops, water management, crop diversifications and adaptation of climate changed situation;
- Collectively buying and selling agricultural inputs and products created an enable environment to WMG members for saving time and make economically benefitted;
- Close coordination between WMA and Union Parishad, WMA and BWDB is essential to overcome any difficulty, specially water management related problems;
- BWDB should take more responsibilities regarding Audit and Monitoring of WMOs' activities.

2020-21 objectives

The major objectives for the year 2020-21 are as follows:

- Develop coordination and linkage between WMAs and BWDB, DAE, LGIs (Union/Upazila), Private Sectors by organizing Upazila level workshop on Implementation of Polder Water Management Plan and Partnership Development;
- Establish functional WMAs through implementing Annual Action Plan properly by WMAs;
- Increase cropping intensity, crop production and cropped areas by implementing CAWM and SSWMI schemes;
- Enhance Leadership and capacity development of WMOs;
- Empowerment of women by developing organizational capacity and financial involvement;
- Accelerating good practices through horizontal learning program;
- Accelerate O&M planning and its implementation in catchment level under the leadership of WMAs.

Annual Work Plan of Khulna Zone with timeline

Sl. No.	Task Name	Target	2020-21											
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Review the progress of Polder Team's activities and provide necessary support	As required	X	X	X	X	X	X	X	X	X	X	X	X
2	Facilitate WMAs to identify internal and external resources, mobilize and proper utilization of fund	As required	X	X	X	X	X	X	X	X	X	X	X	X
3	Assist WMAs to monitor the activities of Catchment O&M Sub-Committees	77 nos.	X	X	X	X	X	X	X	X	X	X	X	X
4	Assist and support polder team to analyze the capacity of WMA, identify problems, its solution	As required	X	X	X	X	X	X	X	X	X	X	X	X
5	Assist WMA to establish a functional linkage and coordination with different organizations	As required	X	X	X	X	X	X	X	X	X	X	X	X
6	Participate annual general meetings of WMOs	As required	X	X	X	X	X	X	X	X	X	X	X	X
7	Conduct Polder Health Check	24 nos.			X	X	X	X	X	X	X	X	X	X
8	Implement SSWMI and CAWM	SSWMI 50 CAWM 5	X	X	X	X	X	X	X	X	X	X	X	X
9	Keep update Polder wise complete and on-going work list of water management infrastructures	As required	X	X	X	X	X	X	X	X	X	X	X	X
10	Monitor WM Infrastructural work	As required	X	X	X	X	X	X	X	X	X	X	X	X
11	Conduct FFS	30 nos.	X	X	X	X		X	X	X	X			
12	Assist to implement Private Sector Demonstration on different crops and vegetables	30 nos.		X	X	X			X	X	X			
13	Conduct Vegetable post harvest management Training	3 nos.				X	X				X			
14	Video Screening on good practices	100 nos.	X	X	X	X	X	X	X	X	X	X	X	X
15	Conduct courtyard session on GAD	200 nos.		X		X		X		X				
16	Training on Market Linkage and WE	1 no.						X						
17	Observe International Day	2X11									X			
18	Women empowerment through HL	5nos					X	X	X	X	X			
19	Conduct upazila and district level workshop on partnership Dev. for Implementation of WM Plan	2 Upazila 1 Distrct					X	X	X					

Sl. No.	Task Name	Target	2020-21											
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
20	Refresher workshop on WMAs' Capacity Building and Implementation of Catchment Plan	11nos					X	X	X	X	X	X	X	X
21	Video screening on good practices	22 nos.			X	X	X	X	X	X	X			
22	Identify of good practices & fact sheet preparation	100 nos.												
23	Organize HL for experience sharing visit	110 nos.												
24	WMO health Dashboard	11 nos.	X	X	X	X	X	X	X	X	X	X	X	X
25	Assist to conduct end line survey	11 nos.				X	X	X						
26	Assist to conduct WMG survey	11 nos.							X	X	X	X	X	X

Polderwise Annual Work Plan of Khulna

B.1 Polder 22

Progress to end-June 2020

Organizational Management:

- Dihibura Water Management Association has completed election of 12-members Executive Committee;
- Dihibura Khal WMA took initiatives for embankment protection in Telikhali erosion point, Darun Mollick embankment river side slope repairing and also taking lead of Kalinagor embankment emergency repairing;
- 12 WMGs' Annual Action plan and 3 Catchments O&M Plan have been reviewed/updated;
- 12 WMGs have collected Saving of BDT 1,65,600/- & 2 WMGs' O&M fund collection 8,800/-
- 12 Water Management Groups (WMGs) have organized Annual General Meeting (AGM)
- 13 nos. of GLD Session conduct at 7 groups under 5 WMGs for gender awareness;
- 12 WMGs conducted emergency/regular meeting on COVID-19 and others. In the meeting they discussed Govt. and Blue Gold Policy on COVID 19 and decided to maintain all policies strictly. All WMGS distributed hand sanitizers, leaflets, soaps and others to their members.

Water Resources Management

- Re-sectioning embankment 0.110, re-tired embankment 0.550 Km, Low Cost Bank Protection 0.85 Km, Interior Dyke 0.170, Breach Closing 0.170 Km have completed;
- 440m embankment set back have been completed;
- During Super Cyclone Amphan, 12 WMGs took a lead to repair/construct 5 erosion point (length 100 meter) led by Dihibura Khal Water Management Association (WMA) with the help of local elites, local UP/UZP and others. BWDB provided plastic bags, Jute bags, bamboo, sand etc. WMA also collected emergency O&M fund for Kalinagor erosion from local elite and UP. About 2500 self-contributory labour were involved in the process to protect intrusion of saline water and sinking water logging situation after post Amphan situation;

Agriculture and Economic Development

- Introducing watermelon saplings, bed techniques and proper water management decreased risk factors of watermelon;
- Total 81 members from 5 WMGs were initiated watermelon seed collective actions of BDT
- 11 WMG members collectively purchased Vegetables seeds from Seed dealer collectively of BDT 5000/-
- DAE facilitated 10 FFS with the module of Watermelon and T-Aman rice. Total of 4 T-Aman rice FFS and 6 Watermelon FFS program was completed where 500 farmers are improved their skill on new production technique, gathered market orientation knowledge and also 6 FT `s improved their facilitation skills.

Annual Work Plan of Polder 22 with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMA to review Annual Action Plan (WAP) and help to monitor its implementation progress	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
1.2	Participate in Annual General Meetings (AGM) of WMOs	12 WMGs 1 WMA	X	X									X	X
1.3	Facilitate WMGs to invest saving as IGAs	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMOs for raising O&M fund and its proper use	12 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Assist WMA to identify internal and external resources for raising fund	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.6	Assist WMAs to build up linkage and networking with BWDB, DAE, DLS, DOF and other G/NGO and Private Sectors for their own interest	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Facilitate catchment O&M sub-committees for implementing O&M plan	3 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Facilitate capacities WMAs to monitor WMGs activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.10	Motivate WMGs for O&M activities	Need based	X	X	X	X	X	X	X	X	X	X	X	
1.11	Implement of SSWMI schemes	2 nos.					X	X	X	X	X	X		X
2	Water Resource Management													
2.1	Monitor flood damaged/breach closing work	0.22km					X	X	X	X	X	X	X	
3	Agriculture and Economic Development													
3.1	Facilitate technical session on t-Aman Rice pest management (BPH) by private companies	2 batch			X	X								
3.2	Vegetables demonstration by Private sector.	1 demo.			X	X	X	X		X	X			
3.3	Training on post-harvest management of vegetables for Resource Farmers.	1 batch					X							

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.4	Linkage building meeting among private companies and Vegetables farmers	1 workshop						X						
3.5	Linkage building with RF, CF & FTs with different market actors	25 persons	X	X	X	X	X	X	X	X	X	X	X	X
4	Gender Mainstreaming													
4.1	Courtyard session on Gender and Leadership	12 nos.		X		X		X		X		X		X
4.2	Celebration of International Women's Day	1 no.									X			
4.3	Women empowerment through HL	1 no.									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder Water Management and Partnership Dev.							X	X					
5.2	Communication and Horizontal Learning													
5.2.1	Identification of good practices	10 nos.	X	X	X	X	X	X	X	X	X	X	X	X
5.2.2	Fact sheet preparation of identified good practices	10 nos.	X	X	X	X	X	X	X	X	X			
5.2.3	Organizing HL/experience sharing events/visits	10 nos.		X	X	X	X	X	X	X	X	X	X	X
5.2.4	Booklet, flipchart, leaflet, poster distribution	12 WMGs 1 WMA			X	X								
5.2.5	O&M awareness notice installation at sluice site	3 catchment	X	X										
5.2.6	Video screening	2 nos.					X	X						
5.2.7	BGP Barta distribution and feedback	12 WMGs 1WMA				X			X			X		
6	Monitoring Reflection and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to conduct WMG Survey	1 no.							X	X	X	X	X	X

B.2 Polder 25

Progress to end- June 2020

Organizational Management

- O&M agreement have been signed in between Beel Dakatia WMA & Hari-Bhadra WMA and Executive Engineer, Khulna O&M Division 1, BWDB, Khulna;
- 10 Catchment O&M Plan have been reviewed and up dated by the Catchment O&M Sub-Committees under the leadership of two WMAs and implemented with the help of WMAs;
- 61 WMGs have collected Savings (BDT) 242,925.00
- 22 WMGs have collected Operation & Maintenance (O&M) fund (BDT) amounting to BDT 68,680.00 and 10 WMGs have utilized BDT 82,850.00 from O&M fund;
- 61 WMGs and two WMAs have up dated their Annual Action Plan (WAP),
- 61 WMGs and two WMAs have arranged Annual General Meetings (AGM);
- 180 members (Male 128; Female 52) have been enrolled under WMGs;
- Under SSWMI 23 WMGs were awarded for field channel excavation and 22 WMGs have been completed their work.

Water Resources Management

- Under BGP, re-excavated 2.10 Km Khal, repaired 2 Sluices and fabricated 4 Sluice gates;
- 07 WMGs have jointly participated for constructing and strengthening X dam at Kharnia Sluice gate area by utilizing BDT 42,000/-, BDT 14,000 from O&M fund of 7 WMGs and the rest money collected from other sources;
- Two Catchment O&M Sub-Committees have executed Sluice gate pole painting at polder area;
- 37 WMGs have jointly removed water hyacinth of 28.5 Km Khal by involving 2012 self-contributed labor as total value of BDT 416,000/-.
- 2 WMGs have excavated 335 ft field channel to drain out rain water by utilizing BDT 10,500 from their O&M fund;
- Under the supervision of Hari-Bhadra WMA, Chohera and Keoratola Catchment O&M Sub-Committees have removed silt from intake and off take of sluices by involving 22 WMGs, 3 UPs, One Upazila Parishad. For these WMGs paid Tk. 80,000/-, Union Parishad 40,000/-, Upazila Parishad 35,000/- and 1496 self-contributory labor engaged whose value 448,800/-.

Agriculture and Economic Development

- 324 farmers of 6 WMG members have purchased BRRI dhan 49 & 52 seed;
- 195 members from 4 WMGs were initiated rice seed collective actions of BDT 56480/- by establishing business linkage with input & output market actors;
- 42 farmers from 02 WMGs collectively purchased 250 kg fertilizer of BDT 7000/-;
- 18 members from 1 WMG collectively purchased 180 nos. ducklings from Rupali Nursery, Doulotpur, Khulna and price were BDT 3900/-.

- 8 WMG members collectively purchased vegetables seeds amounting to BDT 4700/-.
- 235 members of 14 WMGs have participated in 3000 poultry vaccination program;
- 178 members of 12 WMGs collectively purchased 1.428-ton fingerlings at BDT 263440/-.
- DAE facilitated 1 FFS with the module of Boro rice, where 50 nos. farmers were involved.

Annual Work Plan of Polder 25 with timeline

			2020						2021					
sl. no.	Task Name	Target	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMAs to review/ up dated Annual Action Plan (WAP) and its implementation	2 nos.	X	X									X	X
1.2	Participate in Annual General Meetings of WMOs	61 WMGs 2 WMAs	X	X									X	X
1.3	Assist Catchment O&M Committees to review/up dated their O&M Plan and its implementation	10 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMGs to increase O&M fund and its uses	61 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Assist WMG to collect saving and its use for IGAs	61 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.6	Assist WMA to generate O&M fund	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Motivate WMA to encroachments of illegal use and make functional of water management infrastructures	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist/motivate WMA to develop internal coordination among the WMGs and their leaderships	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Assist WMAs to monitor WMGs' activities	61 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.1	Motivate WMGs for O&M activities	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.12	Implement CAWM and SSWMI schemes	3 & 12					X	X	X	X	X	X		
1.11	Facilitate WMA to build up linkage & networking with LGIs, BWDB, DAE, BADDC, DLS, DOF, Private sector	N/based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resources Management													
2.1	Monitor embankment re-sectioning work	3.6 km	X				X	X	X	X	X	X	X	X
2.2	Monitor re-excavation of Khals	25.835 km					X	X	X	X	X	X	X	
2.3	Monitor repairing Regulators/Sluices	2 nos.					X	X	X	X	X	X		
2.4	Monitor Mechanical works of sluice	5 nos						X	X	X	X	X	X	X
3	Agriculture and Economic Development													
3.1	Facilitate technical session on T. Aman rice pest management (BPH) by Private Companies	2 batch			X	X								
3.2	Vegetables demonstration by Private Sector.	1 demo.			X	X	X	X		X	X			

			2020						2021					
sl. no.	Task Name	Target	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.3	Training on post-harvest management of vegetables for Resource Farmers.	1 Batch					X							
3.4	Linkage building meeting among Private Companies and vegetables farmers	1 workshop						X						
3.5	Linkage with RF, CF and FTs with market actors	80 people	X	X	X	X	X	X	X	X	X	X	X	X
3.6	FFS on Poultry rearing and Market Orientation	4 no	X	X	X	X		X	X	X	X			
3.7	Expansion of Collective Actions (CAs) on IGA	61 nos.	X	X	X	X	X	X	X	X	X	X	X	x
4	Gender Mainstreaming													
4.1	Courtyard session/meeting on Gender and Leadership	50nos	X	X	X	X	X	X	X	X	X			
4.2	Women empowerment through horizontal Learning	5nos				X	X							
4.3	Observe of International Women's Day (IWD)	1no									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder Water Management and Partnership Dev.	2 nos						X	X					
5.2	Communication and Horizontal Learning													
5.1	Identification of good practices	10 Nos	X	X	X	X	X	X	X	X	X	X	X	X
5.2	Fact sheet preparation of identified good practices	10 Nos	X	X	X	X	X	X	X	X	X			
5.3	Organize HL/experience sharing events/visits	10 Nos		X	X	X	X	X	X	X	X	X	X	X
5.4	Booklet, flipchart, leaflet, poster distribution	61 WMGs 2 WMAs			X	X								
5.5	O&M awareness notice installation at sluice site	10 catch.	X	X										
5.6	Video screening	2nos					X	X						
5.7	BGP Barta distribution and feedback	61 WMGs 2 WMAs				X			X			X		
6	Monitoring Reflecting and Learning													
6.1	WMO Health Dashboard	1no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to conduct end line Survey	1no.			X	X	X	X						
6.3	Assist to conduct WMG Survey	1no.							X	X	X	X	X	X

B.3 Polder- 26

Progress to end-June 2020

Organizational Management

- 6 Catchment O&M Sub-Committees have reviewed/updated O&M Plan and need based implemented;
- 15 WMGs Annual Action plans have been reviewed/updated and need base implemented;
- 15 WMGs were involved in awareness raising activities on COVID – 19;
- WMA has successfully coordinated, cooperated with 15 WMGs;
- 12 WMGs and WMA have organized Annual General Meetings (AGMs);
- 15 WMGs have collected Savings BDT: 44,865/- and O&M fund collection BDT: 2,000/-;
- Ob-job orientation on sluice gate operation polder area arranged by Catchment O&M Sub-Committees;

Water Resources Management

- Re-excavation of 1.020 Km Khal, construction of 1 new Sluice and mechanical works of 2 Sluices have been completed;
- 6 Catchment O&M Sub-committees have removed silt from intake of 6 sluice gates;
- 4 WMGs have cleaned water hyacinth and fishing net from 4 different Khal where length is 2.810 Km and with an estimated value of BDT 12,000 through labour.
- 2 WMGs have excavated 500ft field channel with an estimated value of BDT 4,500 through cash and labour;
- 3 WMGs engaged 15 self-contributory labour for 20-meter embankment repairing ghoghs and rain cut;

Agriculture and Economic Development

- Demonstration 4 nos. on Tomato, Brinjel and Bottle Gourd by Lal Teer Seed Co.;
- 5 members of one WMG spent BDT 11,900/- for purchasing 700 gm watermelon seed collectively.
- Blue Gold program should give more emphasis to capacitate the WMGs to create fund and involve in IGA as giving emphasis to structural activities.

Annual Work Plan of Polder 26 with timeline

Sl. No	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMA to review Annual Action Plan (WAP) and help to monitor its implementation progress	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
1.2	Participate in Annual General Meetings (AGM) of WMOs	15 WMGs 1 WMA	X	X									X	X
1.3	Facilitate WMGs to invest saving as IGAs	15 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMOs for raising O&M fund and its proper use	15 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Assist WMA to identify internal and external resources for raising fund	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.6	Assist WMAs to build up more linkage and networking with BWDB, DAE, DLS, DOF and other G/NGO and Private Sectors for their own interest	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Facilitate Catchment O&M Sub-Committees for implementing O&M plan under the leadership of WMAs	6 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Facilitate capacities of WMAs to monitor WMGs	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.10	Assist WMGs to operate collective action on O&M	15 nos.	X	X	X	X	X	X	X	X	X	X	X	
1.11	Implement SSWMI schemes	2 nos.					X	X	X	X	X	X		
2	Water Resource Management													
2.1	Monitor re-excavation of khals work	1.69 km					X	X	X	X	X	X	X	
2.2	Monitor culvert construction work	2 nos.	X			X	X	X	X	X	X			
3	Agriculture and Economic Development													
3.1	Facilitate technical session on t-Aman Rice pest management (BPH) by private companies	2 batch			X	X								
3.2	Vegetables demonstration by Private sector.	1 demo.			X	X	X	X		X	X			
3.3	Training on Post-harvest management of Vegetables for Resource Farmers.	1 batch					X							

Sl. No	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.4	Linkage building meeting among private companies and Vegetables farmers	1 workshop						X						
3.5	Motivate WMGs for O&M activities	N/ based	X	X	X	X	X	X	X	X	X	X	X	X
3.6	RF, CF & FTs linkage building with market actors	25 persons	X	X	X	X	X	X	X	X	X	X	X	X
4	Gender Mainstreaming													
4.1	Courtyard session on Gender and Leadership	15 nos.		X		X		X		X		X		X
4.2	Celebration of International Women's Day	1 no.									X			
4.3	Women empowerment through HL	1 no.									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder WM and Partnership Dev.	1 no.					X	X						
5.2	Communication and Horizontal Learning													
5.2.1	Identification of good practices	10 nos.	X	X	X	X	X	X	X	X	X	X	X	X
5.2.2	Fact sheet preparation of identified good practices	10 nos.	X	X	X	X	X	X	X	X	X			
5.2.3	Organizing HL/experience sharing events/visits	10 nos.		X	X	X	X	X	X	X	X	X	X	X
5.2.4	Booklet, flipchart, leaflet, poster distribution	12 WMGs 1 WMA			X	X								
5.2.5	O&M awareness notice installation at sluice site	10 catchments	X	X										
5.2.6	Video screening	2 nos.					X	X						
5.2.7	BGP Barta distribution and feedback	15 WMGs 1 WMA				X			X			X		
6	Monitoring Reflection and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to conduct WMG Survey	1 no.							X	X	X	X	X	X

B.4 Polder- 27/1

Progress to upto now-June 2020

Organizational Management

- O&M agreement signed between Salta-Bhadra WMA and Executive Engineer, Khulna O&M Division- 1, BWDB, Khulna BWDB, Khulna;
- 15 WMGs' Annual Action Plan and 5 Catchments O&M Plan have been reviewed/updated and implemented as far as possible;
- 15 WMGs have collected Saving 60,090/-12 WMGs O&M fund collection 20,030/-
- 15 Water Management Groups (WMGs) have organized Annual General Meeting;
- 13 nos. of GLD Session conduct at 7 groups under 5 WMGs for gender awareness;
- 15 WMGs conducted emergency/regular meeting on COVID-19 and others. They discussed Govt. and Blue Gold policy on COVID 19 and decided to maintain all policies strictly. All WMGS distributed hand sanitizers, leaflets, soaps and others.

Water Resources Management

- 5 WMGs under the leadership of two Catchment O&M Sub-Committees have engaged 103 self-contributory labour for repairing ghoghs and rain cut;
- One WMGs has engaged 15 self-contributory labour for removal silt from outfall of Shastitala Sluice/Catchment amounting to value BDT 1500/-;
- 6 WMGs under 3 Catchment O&M sub-Committee have engaged 176 self-contributory labour for cleaning water hyacinths and removal net-patta from khals amounting value BDT 21,160/-;
- 9.52 km khal re-excavation has been completed, 4 sluice gates were repaired and fabricated 4;
- Maintenance of 4 Sluices by greasing and moiling by 4 Catchment O&M Sub-committees;

Agriculture and Economic Development

- There have 6 FFS on beef fattening- 2, poultry rearing-3, fishery-1, with 150 total participants
- 129 farmers of 5 WMGs have collectively purchased Vaccination for Poultry; 69 farmers of 4 WMGs have collectively sold eggs;
- 82 members of 6 WMGs collectively sold 1.36 ton moringa at BDT 40000 and earn BDT 15000 more than farm gate;
- 78 members from 6 WMGs were initiated rice seed collective actions of BDT 33820/- by establishing business linkage with input & output market actors; 74 farmers from 05 WMGs collectively purchased 2525 kg fertilizer of BDT 40400/-; 56 members of 5 WMGs collectively purchased 950 kg fish feed;
- 115 members of 2 WMGs participate in 1000 poultry vaccination collectively. As a result, they ensure cool chain properly and 2 nos. Vaccinators also earned BDT 4000/-;
- 75 members of 5 WMGs collectively purchased 1.447-ton fingerlings amounting to BDT 267000/.

Annual Work Plan of Polder 27/1 with timeline

			2020						2021					
Sl. No.	Task Name	Target	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMAs to review/ up dated Annual Action Plan (WAP) and its implementation	1 no.	X	X									X	X
1.2	Assist Catchment O&M Committees to review/up dated their O&M Plan and its implementation	5 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.3	Assist WMGs to increase O&M fund and its uses	15 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMG to collect saving and its use for IGAs	15 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Participate Annual General Meetings (AGM) of WMOs	15 WMGs 1 WMA	X	X	X									X
1.6	Assist WMA to generate O&M fund	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Motivate WMA to encroachments of illegal use and make functional of WM infrastructures	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Assist WMAs to monitor WMG's activities	15nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.1	Motivate WMGs for O&M activities	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.11	Facilitate WMA to build up linkage & networking with LGIs, BWDB, DAE, BADC, DLS, DOF, Private sector	Need based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resources Management													
2.1	Monitor embankment Re-sectioning	3.5 km	X				X	X	X	X	X	X	X	X
2.2	Monitor re-excavation of khals	4.9 km					X	X	X	X	X	X		
3	Agriculture and Economic Development													
3.1	Facilitate technical session on T. Aman rice pest management (BPH) by Private Companies	1 batch			X	X								
3.2	Vegetables demonstration by Private Sector.	1 demo.			X	X	X	X		X	X			
3.3	Training on post-harvest management of vegetables for Resource Farmers.	1 Batch					X							
3.4	Linkage building meeting among Private Companies and vegetables farmers	1no. workshop						X						
3.5	Linkage building with RF, CF and FTs with diff. market actors	20 persons	X	X	X	X	X	X	X	X	X	X	X	X

			2020						2021					
Sl. No.	Task Name	Target	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.6	Expansion of Collective Actions (CAs) on IGA	15nos.	X	X	X	X	X	X	X	X	X	X	X	X
3.6	Farmer Field School on Poultry rearing and Market Orientation	4 nos.	X	X	X	X		X	X	X	X			
4	Gender Mainstreaming													
4.1	Courtyard Meeting on Gender and Leadership	32 nos	X	X	X	X	X	X	X	X	X			
4.2	Women empowerment through horizontal Learning	3nos.				X	X							
4.3	Observe of International Women's Day (IWD)	1no.									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder Water Management and Partnership Dev.	2nos					X	X						
5.2	Communication and Horizontal Learning													
5.1	Identification of good practices	10 Nos	X	X	X	X	X	X	X	X	X	X	X	X
5.2	Fact sheet preparation of identified good practices	10 Nos	X	X	X	X	X	X	X	X	X			
5.3	Organizing HL/experience sharing events/visits	10 Nos		X	X	X	X	X	X	X	X	X	X	X
5.4	Booklet, flipchart, leaflet, poster distribution	15 WMGs 1 WMA			X	X								
5.5	O&M awareness notice installation at sluice site	5 catch.	X	X										
5.6	Video screening	2					X	X						
5.7	BGP Barta distribution and feedback	15 WMGs 1 WMA				X			X			X		
6	Monitoring Reflecting and Learning													
6.1	WMO Health Dashboard (development of web-based App and self-monitoring by WMOs, using the App)	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

B.5 Polder 27/2

Progress to end-June 2020

Organizational Management

- O&M agreement signed between Salta-Bhadra WMA BWDB, Khulna BWDB, Khulna;
- 6 WMGs and 5 catchments O&M Plan have been updated and implementing so far;
- 6 WMGs have collected saving of BDT 52,400 and O&M fund of BDT 14,400
- 15 WMGs conducted emergency/regular meeting on COVID-19 and others. In the meetings, they have discussed Govt. and Blue Gold Policy on COVID 19 and decided to maintain all policies strictly. All WMGS distributed hand sanitizers, leaflets, soaps and others to their members;
- Water Management Association (1 WMA for 2 polders) have been reviewed/updated their Annual Action Plan and implementing so far as possible;
- 13 nos. of GLD session conduct at 7 groups under 5 WMGs for gender awareness;
- 1 WMG has invested 15,000/ to 2 members as IGA for small business.

Water Resources Management

- 5 WMGs under the leadership of two Catchment O&M Sub-Committees have engaged 103 self-contributory labour for repairing ghoghs and rain cut of embankment;
- One WMGs has engaged 15 self-contributory labour for removal silt from outfall of Shastitala Sluice/Catchment;
- 6 WMGs under 3 Catchment O&M sub-Committee engaged 176 self-contributory labour for cleaning water hyacinths and removal net-patta from different khals;
- Maintenance of 4 Sluices by greasing and moiling by 4 Catchment O&M Sub-Committees

Agriculture and Economic Development

- 1 (one) WMG has invested Tk. 75,000/- for aquiculture business to 4 members;
- 34 famers of 1 WMG has collectively purchased Vaccination for Poultry;
- 35 farmers of 3 WMGs have collectively sold eggs;
- 27 members of 1 WMG`s collectively sold 0.621-ton moringa at BDT 18,630/- as a result they earn BDT 6200/- more than farm gate;
- 32 farmers from 02 WMGs collectively purchased 750 kg fertilizer of BDT 12000/-;
- 68 members of 1 WMG`s collectively purchased 2.270-ton fish feed;
- 120 members of 2 WMG`s collectively participated in 960 poultry vaccination;
- 56 members of 2 WMGs collectively purchased 2520 kg fingerlings from nurseries at BDT 264,600.

Annual Work Plan of Polder 27/2 Part with timeline

			2020						2021					
Sl. No.	Task Name	Target	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
1	Organizational Management													
1.1	Assist WMAs to review/ up dated Annual Action Plan (WAP) and its implementation	1 no.	X	X									X	X
1.2	Assist Catchment O&M Committees to review/up dated their O&M Plan and its implementation	3 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.3	Assist WMGs to increase O&M fund and its uses	6 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMG to collect saving and its use for IGAs	6 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Participate Annual General Meetings (AGM) of WMOs	6 WMGs 1 WMA	X	X	X									X
1.6	Assist WMA to generate O&M fund	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Motivate WMA to encroachments of illegal use and make functional of WM infrastructures	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Assist WMAs to monitor WMG's activities	6	X	X	X	X	X	X	X	X	X	X	X	X
1.1	Motivate WMGs for O&M activities	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.11	Facilitate WMA to build up linkage & networking with LGIs, BWDB, DAE, BADC, DLS, DOF, Private sector	Need based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resources Management													
2.1	Monitor embankment re-sectioning work	3.6 km	X				X	X	X	X	X	X	X	X
2.2	Monitor re-excavation of khals	5.4 km					X	X	X	X	X	X	X	
3	Agriculture and Economic Development													
3.1	Facilitate technical session on T. Aman rice pest management (BPH) by Private Companies	2 batch			X	X								
3.2	Vegetables demonstration by Private Sector.	1 demo.			X	X	X	X		X	X			
3.3	Training on post-harvest management of vegetables for Resource Farmers.	1 Batch					X							
3.4	Linkage building meeting among Private Companies and vegetables farmers	1no. workshop						X						

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
3.5	Linkage building with RF, CF and FTs with diff. market actors	10 persons	X	X	X	X	X	X	X	X	X	X	X	X
3.6	Farmer Field School on Poultry rearing and Market Orientation	4 nos.	X	X	X	X		X	X	X	X			
3.7	Expansion of Collective Actions (CAs) on O&M	6	X	X	X	X	X	X	X	X	X	X	X	X
4	Gender Mainstreaming													
4.1	Courtyard Meeting on Gender and Leadership	12nos	X	X	X	X	X	X	X	X	X			
4.2	Women empowerment through HL	1no				X	X							
4.3	Observe of International Women's Day (IWD)	1no.									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder WM and Partnership Dev.	2nos					X	X						
5.2	Communication and Horizontal Learning													
5.1	Identification of good practices	10 Nos	X	X	X	X	X	X	X	X	X	X	X	X
5.2	Fact sheet preparation of identified good practices	10 Nos	X	X	X	X	X	X	X	X	X			
5.3	Organizing HL/experience sharing events/visits	10 Nos		X	X	X	X	X	X	X	X	X	X	X
5.4	Booklet, flipchart, leaflet, poster distribution	6 WMGs 1 WMA			X	X								
5.5	O&M awareness notice installation at sluice site	3 catch.	X	X										
5.6	Video screening	2					X	X						
5.7	BGP Barta distribution and feedback	6 WMGs 1 WMA				X			X			X		
6	Monitoring Reflecting and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

B.6 Polder 28/1

Progress to end-June 2020

Organizational Management:

- O&M agreement have signed between Koiya WMA and Executive Engineer, Khulna O&M Division- 1, BWDB, Khulna BWDB, Khulna;
- WMA selected representatives were participated in Upazila level Workshop on Implementation of Polder Water Management Plan and Partnership Development Workshop;
- 2 WMGs have generated Tk. 6,140/- as O&M fund and one WMG has utilised Tk. 6000/- for making wooden gate of Panchu Sluice;
- WMA has applied to UNO, Batiaghata to assist them to remove net-patta and illegal X dam;
- 12 WMGs and 1 WMA has reviewed/up dated Annual Action Plan and implementing;
- 5 Catchment O&M Plan have been reviewed and implementing; 12 WMGs have collected saving BDT 79,320 & 4 WMGs have collected O&M fund BDT 6740;
- 3 SSWMI schemes have successfully completed by 3 WMGs;
- 4 nos. of GLD Session conduct at 4 groups under 4 WMGs for gender awareness;
- 1 WMG has invested 10,000/ to One member as IGA for small business

Water Resource Management:

- 4 WMGs under Kuluti Catchment O&M Sub-Committee has cleaned 500-meter water hyacinth from both sided of Kuluti Sluice involving 22 self-contributory labour as a value of Tk. 6600/-;
- Maintenance of 2 Sluices by greezing and moiling by 2 Catchment O&M Sub-committees;
- 3 Sluice Gates are operated by Catchment Committee;
- Line Beel Pabla WMG has cleaned 2 Km Khal by involving 163 self-contributory labour as value of Tk. 81,500/-;
- Re-excavation of 1.2 km khal, repaire of 5 sluices & mechanical works of 6 sluice completed;
- 5 Sluices have been repaired and fabricated by Blue Gold;

Agriculture and Economic Development:

- 11 farmers of 2 WMGs have collectively purchased T. Aman seeds (BRRi dhan 49);
- 121 famers of 4 WMGs have collectively purchased Vaccination for Poultry; 41 farmers of 4 WMGs have collectively sold eggs; 850 poultry vaccinated collectively by 69 members of 3 WMGs. BDT 4005 paid to 2 vaccinators for maintaining cool chain and vaccination services;
- 846 kg moringa have collectively sold by 39 members of 03 WMGs. They sold moringa BDT 34,310/- and gain BDT 9,306 more from the farm gate selling;
- 14 members of a WMG collectively tillage 5.26 ha land and saved BDT 20,000. 78 members of 07 WMGs have purchased 650 kg rice seed collectively at BDT 24,700.

Annual Work Plan of Polder 28/1 with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMAs to review WAP and implementation	1 no.	X	X									X	X
1.2	Assist Catchment O&M Committees to review O&M Plan and its implementation	5 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.3	Assist WMGs to increase O&M fund and its uses	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMG to collect saving and its use for IGAs	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Participate in Annual General Meetings (AGM) of WMOs	12 WMGs 1 WMA	X	X	X									X
1.6	Assist WMA to generate O&M fund	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Motivate WMA to encroachments of illegal use and make functional of water management infrastructures	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and their leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Assist WMAs to monitor WMG's activities	12	X	X	X	X	X	X	X	X	X	X	X	X
1.1	Motivate WMGs for O&M activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.11	Implement SSWMI schemes	2 nos					X	X	X	X	X	X		
1.12	Facilitate WMA to build up linkage & networking with LGIs, BWDB, DAE, BADC, DLS, DOF, Private sector	Need based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resources Management													
2.1	Monitor embankment re-sectioning work	3.600 km	X				X	X	X	X	X	X	X	X
2.2	Monitor re-excavation of khals	5.400 km					X	X	X	X	X	X	X	
3	Agriculture and Economic Development													
3.1	Facilitate technical session on t-Aman Rice pest management (BPH) by private companies	1 batch			X	X								
3.2	Vegetables demonstration by Private sector.	1 no's demo			X	X	X	X		X	X			
3.3	Training on Post-harvest management of Vegetables for Resource Farmers.	1 batch					X							
3.4	Linkage building meeting among private companies and Vegetables farmers	1 workshop						X						

			2020						2021					
Sl. No.	Task Name	Target	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.5	Linkage building with RF, CF & FTs with diff. market actors	20 person	X	X	X	x	x	x	x	x	x	X	x	x
3.6	Poultry Farmer Field School	2 no`s	X	X	x	x		x	x	x	x			
3.7	Farmers Field Day for Horizontal Learning	2 no`s				X								
3.8	Expansion of Collective Actions (CAs) on O&M	12	X	X	X	X	X	X	X	X	X	X	X	X
3.9	FFS on Poultry rearing and Market Orientation	4 nos.	X	X	X	X		X	X	X	X			
4	Gender Mainstreaming													
4.1	Courtyard Meeting on Gender and Leadership	12 nos	X	X	X	X	X	X	X	X	X			
4.2	Women empowerment through horizontal Learning	1 nos				X	X							
4.3	Observe of International Women's Day (IWD)	1 no									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder Water Management and Partnership Dev.	2nos					X	X						
5.2	Communication and Horizontal Learning													
5.1	Identification of good practices	10 Nos	X	X	X	X	X	X	X	X	X	X	X	X
5.2	Fact sheet preparation of identified good practices	10 Nos	X	X	X	X	X	X	X	X	X			
5.3	Organizing HL/experience sharing events/visits	10 Nos		X	X	X	X	X	X	X	X	X	X	X
5.4	Booklet, flipchart, leaflet, poster distribution	12 WMGs 1 WMA			X	X								
5.5	O&M awareness notice installation at sluice site	5 catch.	X	X										
5.6	Video screening	2					X	X						
5.7	BGP Barta distribution and feedback	12 WMGs 1 WMA				X			X			X		
6	Monitoring Reflecting and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

B.7 Polder-28/2

Progress to end-June 2020

Organizational Management:

- O&M agreement have signed between Koiya WMA and BWDB, Khulna BWDB, Khulna;
- WMA selected representatives were participated in Upazila level Workshop on Implementation of Polder Water Management Plan and Partnership Development Workshop;
- WMA has applied to UNO, Batiaghata to assist them to remove net-patta and illegal X dam;
- WMA has reviewed/up dated Annual Action Plan and need base implemented;
- 5 Catchment O&M Plan have been reviewed/updated need base implemented;
- 12WMGs has reviewed/up dated Annual Action Plan and need base implemented;
- 12 WMGs have collected savings Tk 117,450, O&M fund Tk 9,700 and utilized Tk. 4,700/-;
- 15 members (male 5 & female 10) have enrolled under 4 WMGs;
- 8 WMGs conducted emergency/regular meeting on COVID-19 and others. They discussed Govt. and Blue Gold Policy on COVID 19 and decided to maintain all policies strictly. All WMGS distributed hand sanitizers, leaflets, soaps and others.
- 4 nos. GLD session conduct at 4 groups under 4 WMGs for gender awareness;

Water Resources Management:

- Maintenance of 5 Sluices by greasing and moiling by 5 Catchment O&M Sub-committees; these are operated by Catchment Committee;
- 185 self-contributory labour from 3 WNG areas have repaired Kachubunia erosion point during Cyclone Bulbul as a value of Tk. 92,500/-;
- 1 WMG has removed silt outer side of 1 Sluice gate by involving 24 self-contributory labour; 1 WMG has excavated 150-meter field channel by self-contributory labour;
- 65 HHs of a WMG jointly prepared verme compost fertilizer and got TK. 34,060 from 2620 Kg
- 5 SSWMI schemes have successfully completed by 5 WMGs; 6.785 Km Khal has been re-excavated and 1430-meter embankment re-sectioned. 3 Sluices have been repaired by Blue Gold and all gates have been fabricated.

Agriculture and Economic Development:

- 14 farmers of One WMGs have collectively purchased T. Aman seeds (BRRIdhan 49); 156 famers of 5 WMGs have collectively purchased Vaccination for Poultry; 96 farmers of 6 WMGs have collectively sold eggs; 850 poultry vaccinated collectively by 69 members of 3 WMG`s. BDT 4005 paid to 02 no`s vaccinators for maintaining cool chain and vaccination services.
- WMGs have invested Tk. 171,000/- to 9 members (male 6, female 3) for small business, aquiculture, crop cultivation;

- 846-kg moringa collectively sold at BDT 34310 by 39 members of 3 WMGs, they gained BDT 9306 more from the farm gate selling.
- 14 members of 01 WMG collectively tillage 5.26 ha land and as a result they saved BDT 20,000/- then normal market price.
- 78 members of 07 WMGs purchased 650 kg Rice seed collectively at BDT 24700/-.

Annual Work Plan of Polder-28/2 with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMAs to review WAP and implementation	1 no.	X	X									X	X
1.2	Assist Catchment O&M Committees to review/up dated their O&M Plan and its implementation	5 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.3	Assist WMGs to increase O&M fund and its uses	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMG to collect saving and its use for IGAs	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Participate Annual General Meetings (AGM) of WMOs	12 WMGs 1 WMA	X	X	X									X
1.6	Assist WMA to generate O&M fund	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Motivate WMA to encroachments of illegal use and make functional of WM infrastructures	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and their leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Assist WMAs to monitor WMG's activities	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.10	Motivate WMGs for O&M activities	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.11	Implement SSWMI schemes	3 nos					X	X	X	X	X	X		
1.12	Facilitate WMA to build up linkage & networking with LGIs, BWDB, diff. govt. dept, Private sector	Need based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resources Management													
2.1	Monitor embankment re-sectioning work	2.905 km					X	X	X	X	X	X	X	
2.2	Monitor re-excavation of khals	1.00 km				X	X	X	X	X	X	X	X	X
3	Agriculture and Economic Development													
3.1	Facilitate technical session on T. Aman rice pest management (BPH) by Private Companies	2 batch			X	X								
3.2	Vegetables demonstration by Private Sector.	1 demo.			X	X	X	X		X	X			
3.3	Training on post-harvest management of vegetables for Resource Farmers.	1 Batch					X							

			2020						2021					
Sl. No.	Task Name	Target	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.4	Linkage building meeting among Private Companies and vegetables farmers	1no. workshop						X						
3.5	Linkage building with RF, CF and FTs with diff. market actors	20 persons	X	X	X	X	X	X	X	X	X	X	X	X
3.6	FFS on Poultry rearing and Market Orientation	4 nos.	X	X	X	X		X	X	X	X			
3.7	Expansion of Collective Actions (CAs) on IGA	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
4	Gender Mainstreaming													
4.1	Courtyard Meeting on Gender and Leadership	12 nos.	X	X	X	X	X	X	X	X	X			
4.2	Women empowerment through horizontal Learning	1no.				X	X							
4.3	Observe of International Women's Day (IWD)	1no.									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder Water Management and Partnership Dev.	1nos.					X	X						
5.2	Communication and Horizontal Learning													
5.1	Identification of good practices	10 Nos	X	X	X	X	X	X	X	X	X	X	X	X
5.2	Fact sheet preparation of identified good practices	10 Nos	X	X	X	X	X	X	X	X	X			
5.3	Organizing HL/experience sharing events/visits	10 Nos		X	X	X	X	X	X	X	X	X	X	X
5.4	Booklet, flipchart, leaflet, poster distribution	12 WMGs 1 WMA			X	X								
5.5	O&M awareness notice installation at sluice site	5 catch.	X	X										
5.6	Video screening	2nos.					X	X						
5.7	BGP Barta distribution and feedback	12 WMGs 1 WMA				X			X			X		
6	Monitoring Reflecting and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

B.8 Polder 29

Progress to end-June 2020

Organizational Management

- 2 WMAs (Bakultola Water Management Association and Chatchatia Water Management Association) have completed election of 12-members Executive Committees;
- 11 Catchment O&M Plan have reviewed/up dated and implementing;
- 56 WMGs Action Plan have been reviewed/up dated and need base implemented;
- 2 WMAs have up dated/reviewed their Annual Action Plan and implementing;
- 56 WMGs have collected savings amounting to TK.10,76,700/- and 46 WMGs have Collected O&M fund fee Tk. 120,100/- and 33 WMGs have utilised O&M fund of Tk. 68,500/-;
- 56 WMGs and 2 WMAs have organised Annual General Meetings during reporting period

Water Resources Management

- Re-sectioning embankment 2.100 and breach closing 0.026 Km have completed;
- 8.460 Km khal re-excavation have been completed;
- During Aman, 3 WMGs have engaged 505 self-contributory labour to protect river bank erosion at Baro-Aria where Union Parishad donated Tk. 15,000/- in cash for logistic support and self-contributory labour cost values in Tk. 237,000/-;
- 3 WMGs engaged 150 self-contributory labour for repairing ghoghs and rain cut of embankment;
- 12 WMGs have engaged 255 self-contributory labour for removal silt from outfall of 5 Sluices;
- 13 WMGs engaged 220 self-contributory labour for cleaning water hyacinths and removal net-patta from khals
- 14 WMGs have engaged 235 self-contributory labour for establishing cross dam to protect saline water as well as reserve sweet water for cultivating rabi crops.
- 5 WMGs excavated 300 feet field channel to drain out rain water. They spend BDT 25,500 as labour cost

Agriculture and Economic Development

- Farmers of 9 WMGs collectively purchased 3500 kg of rice seeds at a lower price.
- Farmers of the 8 WMGs collectively sold 1000kg of vegetables.
- 34 farmers have collectively purchased T. Aman seeds (BRRI dhan 49);
- 2.250-ton moringa collectively sold by 105 members of 8 WMG`s at whole sell market. They sold at BDT 96750 as a result they earn BDT 20250 more than farm gate.
- 2.35-ton Rice seed collectively purchased by 131 farmers of 9 WMG`s at BDT 89300.

- 253 members of 15 WMGs collectively purchased 1.771-ton fingerlings from nurseries at BDT 318780.
- 312 members of 19 WMG`s collectively sold 45-ton different vegetables at whole sell market`s both dumuria and Khulna.

Annual Work Plan of Polder 29 with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMA to review WAP and implementation	2 no.	X	X	X	X	X	X	X	X	X	X	X	X
1.2	Participate in AGM of WMOs	56 WMGs 2 WMAs	X	X									X	X
1.3	Facilitate WMGs to invest saving as IGAs	56 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMOs for raising O&M fund and its use	56 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Assist WMA to identify internal and external resources for raising fund	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.6	Assist WMAs to build up linkage and networking with BWDB, DAE, DLS, DOF, G/NGO & Privt. Sect.	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Facilitate catchment O&M sub-committees for implementing O&M plan under leadership of WMAs	11 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Facilitate capacities of WMAs to monitor WMGs activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.10	Implement SSWMI schemes	5 nos.					X	X	X	X	X	X		
1.11	Motivate WMGs for O&M activities	N/ based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resource Management													
2.1	Monitor embankment Re-sectioning work	0.620 km					X	X	X	X	X	X	X	X
2.2	Monitor low cost bank protective work	0.085 km					X	X	X	X	X			
2.3	Monitor re-excavation of khals	4.347 km					X	X	X	X	X	X	X	
2.4	Monitor Sluice construction	1no.					X	X	X	X	X	X	X	X
3	Agriculture and Economic Development													
3.1	Facilitate technical session on t-Aman Rice pest management (BPH) by private companies	2 batch			X	X								
3.2	Vegetables demonstration by Private sector.	1 demo.			X	X	X	X		X	X			

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.3	Training on Post-harvest management of Vegetables for Resource Farmers.	1 batch					X							
3.4	Linkage building meeting among private companies and Vegetables farmers	1 workshop						X						
3.5	Linkage building with RF, CF & FTs with different market actors	25 persons	X	X	X	X	X	X	X	X	X	X	X	X
3.6	Assist WMGs to operate CA on IGA	56 nos.	X	X	X	X	X	X	X	X	X	X	X	X
4	Gender Mainstreaming													
4.1	Courtyard session on Gender and Leadership	20 nos.		X		X		X		X		X		X
4.2	Women empowerment through horizontal Learning	4nos				X	X							
4.3	Celebration of International Women's Day	1 no.									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder WM and Partnership Dev.	1no					X	X						
5.2	Communication and Horizontal Learning													
5.2.1	Identification of good practices	10 nos.	X	X	X	X	X	X	X	X	X	X	X	X
5.2.2	Fact sheet preparation	10 nos.	X	X	X	X	X	X	X	X	X			
5.2.3	Organizing HL/experience sharing events/visits	10 nos.		X	X	X	X	X	X	X	X	X	X	X
5.2.4	Booklet, flipchart, leaflet, poster distribution	56 WMGs 2 WMA			X	X								
5.2.5	O&M awareness notice installation at sluice site	11 nos catchments	X	X										
5.2.6	Video screening	2 nos.					X	X						
5.2.7	BGP Barta distribution and feedback	56 WMGs 2 WMA				X			X			X		
6	Monitoring Reflection and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

B.9 Polder-30

Progress to end-June 2020

Organizational management:

- Batiaghata Khal Water Management Association (WMA) has conducted election of 12 members' Executive Committee;
- WMA's selected representatives were participated in Upazila level Workshop on Implementation of Polder Water Management Plan and Partnership Development Workshop at Batiaghata Upazila;
- By the request of WMA, Upazila Nirbahi Officer (UNO) has conducted Mobile Court to remove net patta from khals
- Most of the WMGs arranged awareness program on COVID 19 under the leadership of WMA;
- In three market area, WMA has arranged Hand Washing Program continuously;
- WMGs have been collected Savings Tk. 4,24,530/-/ O&M fund Tk. 50,468/-;
- 40 WMGs Action plan 10 Catchments O&M Plan have been reviewed/updated and implemented as per catchment plan wise;
- 40 Water Management Groups (WMGs) have organized Annual General Meeting (AGM); and implemented WMG Action plan wise;
- 8 WMGs had signed Small Scale Water Management Infrastructures (SSWMI) and implemented as per deign wise;

Water Resources Management:

- 2 WMGs have excavated 300-meter field channel with the help of UP
- 10 sluice gates were greezing and mobiling and one sluice was paining by catchment O&M sub-sommittees;
- Batiaghata Khal WMA has applied to UNO for helping to remove water hyacinth and net-patta from different Khals. As a result, UNO conducted mobile court and taken legal action against illegal work;
- 1.85 Khal were re-excavated and 0.034 Km low cost bank protection work done by BGP.
- 08 WMGs excavated 7.5 km field canal for better crop production by themselves

Agricultural & Economic development:

- DAE facilitated 8 FFS on the module of T-Aman Rice (4) and watermelon (4) with 400 farmers;
- 15 members of 1 WMGs collectively purchased 150 kg fingerlings at BDT 27300/-;
- DAE has also facilitated 1 FFS with the module of Boro Rice, where 50 farmers were involved;
- 34 members from 2 WMGs were collectively purchased watermelon seeds of BDT 100,000/-;
- 46 members of a WMG collectively sold 0.70 ton moringa pods at BDT 30100 and gained BDT 8400/.

Annual Work Plan of Polder 30 with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMA to review WAP and implementation	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
1.2	Participate in AGM of WMOs	40 WMGs 1 WMA	X	X									X	X
1.3	Facilitate WMGs to invest saving as IGAs	40 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMOs for raising O&M fund and proper use	40 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Assist WMA to identify internal and external resources for raising fund	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.6	Assist WMAs to build linkage and networking with BWDB, DAE, DLS, DOF, G/NGO & Privt. sectors	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Facilitate catchment O&M Sub-Committees for implementing O&M plan under leadership of WMAs	10 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and with their leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Facilitate capacities of WMAs to monitor WMGs activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.10	Implement SSWMI schemes	5 nos					X	X	X	X	X	X		
1.11	Motivate WMGs for O&M activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resource Management													
2.1	Monitor re-excavation of khals	1.00 km					X	X	X	X	X	X	X	
2.2	Monitor Sluice construction work	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
2.3	Monitor mechanical works of sluice	2 nos.						X	X	X	X	X	X	X
3	Agriculture and Economic Development													
3.1	Facilitate technical session on T-Aman Rice pest management (BPH) by private companies	2 batch			X	X								
3.2	Vegetables demonstration by Private sector.	1 demo.			X	X	X	X		X	X			

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3.3	Training on Post-harvest management of Vegetables for Resource Farmers.	1 batch					X							
3.4	Linkage building meeting among private companies and Vegetables farmers	1 workshop						X						
3.5	Linkage building of RF, CF & FT with market actor	25 persons	X	X	X	X	X	X	X	X	X	X	X	X
3.6	Assist WMGs to operate CA on IGA	40 nos.	X	X	X	X	X	X	X	X	X	X	X	X
4	Gender Mainstreaming													
4.1	Courtyard session on Gender and Leadership	40 nos.		X		X		X		X		X		X
4.2	Women empowerment through horizontal Learning	1nos				X	X							
4.3	Celebration of International Women's Day	1 no.									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder WM and Partnership Dev.	1no					X	X						
5.2	Communication and Horizontal Learning													
5.2.1	Identification of good practices	10 nos.	X	X	X	X	X	X	X	X	X	X	X	X
5.2.2	Fact sheet preparation	10 nos.	X	X	X	X	X	X	X	X	X			
5.2.3	Organizing HL/experience sharing events/visits	10 nos.		X	X	X	X	X	X	X	X	X	X	X
5.2.4	Booklet, flipchart, leaflet, poster distribution	40 WMGs 1 WMA			X	X								
5.2.5	O&M awareness notice installation at sluice site	10 catchments	X	X										
5.2.6	Video screening	2 nos.					X	X						
5.2.7	BGP Barta distribution and feedback	40 WMGs 2 WMA				X			X			X		
6	Monitoring Reflection and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

B.10 Polder-31 Part

Progress to end-June 2020

Organizational management:

- Nandankhali Sluice WMA has conducted election of 12-members Executive Committee
- WMA's selected representatives to participate in Upazila level Workshop on implementation of polder WM Plan and partnership development Workshop at Batiaghata Upazila.
- 7 Catchment O&M Sub-Committees have reviewed O&M plan ;
- 12 WMGs have reviewed and up dated their WAP; 1WMA has reviewed and up dated WAP;
- 12 WMGs have organised AGM and implemented as per WAP. and collected saving TK 31,160;

Water Resources Management

- Thandamary Khal WMG made 100-feet ring bandh by involving 70 self-contributory labour;
- 5.5 Km field channels have been excavated under 6 SSWMI schemes
- During Amphan, 4 WMGs' 310 self-contributory labours repaired 150 feet embankment;
- WMA has applied to UNO, Batiaghata for assisting to remove net-patta, not to lease water flow Khals and others;

Agricultural & Economic development

- 212 farmers have collectively purchased T. Aman seeds (BRRI dhan 49);
- One WMG has invested Tk. 35,000/- for IGA to 8 members for crop production;
- 159 famers of 5 WMGs have collectively purchased Vaccination for Poultry;
- 129 farmers of 5 WMGs have collectively sold eggs;
- Total 79 members from 3 WMGs were initiated 7.5 kg Watermelon seed collective actions of BDT 15000 by establishing business linkage with input & output market actors.
- 139 members from 5 WMGs collectively purchased 2-ton rice seeds collectively from Seed dealer and seed price was BDT 76000.
- 87 members from 8 WMG collectively sold 3.1-ton moringa pods and price was BDT 111600. As a result, they gained BDT 28000 more.

Annual Work Plan of Polder 31 Part with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
1	Organizational Management													
1.1	Assist WMA to review WAP and implementation	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
1.2	Participate in AGM of WMOs	12 WMGs 1 WMA	X	X									X	X
1.3	Facilitate WMGs to invest saving as IGAs	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMOs for raising O&M fund & proper use	12 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Assist WMA to identify internal and external resources for raising fund	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.6	Assist WMAs to build linkage and networking with BWDB, DAE, DLS, DOF, G/NGO & Private Sect.	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Facilitate/assist Catchment O&M Sub-Committees for implementing O&M plan under the leadership of WMAs	7 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and with their leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Facilitate capacities of WMAs to monitor WMGs activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.10	Motivate WMGs for O&M activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.11	Implement SSWMI schemes	2 nos.					X	X	X	X	X	X		
2	Water Resource Management													
2.1	Monitor retired embankment work	0.475 km	X				X	X	X	X	X	X	X	X
2.2	Monitor Sluice construction	1nos.	X	X	X									
2.3	Monitor repairing of Regulator /sluices	4 nos.					X	X	X	X	X	X		
3	Agriculture and Economic Development													
3.1	Facilitate technical session on t-Aman Rice pest management (BPH) by private companies	2 batch			X	X								
3.2	Vegetables demonstration by Private sector.	1 demo.			X	X	X	X		X	X			
3.3	Training on Post-harvest management of Vegetables for Resource Farmers.	1 batch					X							

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
3.4	Linkage building meeting among private companies and vegetables farmers	1 workshop						X						
3.5	Assist WMGs to operate CA on O&M	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
3.6	Linkage building of RF, CF & FTs with market actors	25 persons	X	X	X	X	X	X	X	X	X	X	X	X
4	Gender Mainstreaming													
4.1	Courtyard session on Gender and Leadership	12		X		X		X		X		X		X
4.2	Celebration of International Women's Day	1									X			
4.3	Women empowerment through horizontal Learning	1				X	X							
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder WM and Partnership Dev.	1						X	X					
5.2	Communication and Horizontal Learning													
5.2.1	Identification of good practices	10 nos.	X	X	X	X	X	X	X	X	X	X	X	X
5.2.2	Fact sheet preparation of identified good practices	10 nos.	X	X	X	X	X	X	X	X	X			
5.2.3	Organizing HL/experience sharing events/visits	10 nos.		X	X	X	X	X	X	X	X	X	X	X
5.2.4	Booklet, flipchart, leaflet, poster distribution	12 WMGs 1 WMA			X	X								
5.2.5	O&M awareness notice installation at sluice site	7 catchments	X	X										
5.2.6	Video screening	2 nos.					X	X						
5.2.7	BGP Barta distribution and feedback	12 WMGs 1 WMA				X			X			X		
6	Monitoring Reflection and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

B.11 Polder-34/2 Part

Progress to end-June 2020

Organizational Management:

- O&M Agreement has signed between WMA and BWDB, Khulna;
- WMA has applied to UNO, Batiaghata to assist them to remove net-patta and illegal X dam;
- WMA's selected representative to participated in upazila workshop on implementation of polder WM Plan and partnership development workshop at Batiaghata Upazila;
- 19 WMGs and WMA have reviewed Annual Action plan and organised AGM
- 12 Catchments O&M Plan have reviewed/up dated and implementing;
- 19 WMGs collected saving of BDT 28,660 and 12 WMGs collected O&M fund BDT 2,61,000.
- 54 nos. GLD session have conducted at 17 groups under 19 WMGs for gender awareness;
- 19 WMGs conducted emergency/regular meeting on COVID-19 and others. They discussed Govt. and Blue Gold Policy on COVID 19 and decided to maintain all policies strictly. All WMGS distributed hand sanitizers, leaflets, soaps and others.

Water Resource Management

- During Amphan, 495 people of 5 WMGs areas and UP jointly repaired embankment at 3 points by utilizing BDT 37,000/ O&M fund and self-contributory labour as value of BDT 176,000;
- 5 WMGs have excavated 270 feet field channels by utilizing 12,000/- from O&M fund and involved 96 self-contributory labour as of value BDT 19,200/-;
- 4 WMGs have removed X-dam, net-patta, water hyacinth for smooth water flow by utilizing O&M fund amounting to Tk. 12,000/-;
- Four WMGs have constructed X-dam to protect intrusion of saline water to the crop field by utilizing 65 self-contributory labour;
- Re-excavation of Khals 5.92 Km, re-sectioning embankment 1.80 Km and breach closing 0.79 Km have been completed;

Agriculture and Economic Development

- In the CAWM area, a significant area had been covered by chance crop, mustard 24.66 ha out of 36.44 ha in two WMGs, cow-pea 6.07 ha & water melon 1.21 ha in a WMG area in where mustard 3 ha. in between T. Aman and Boro crop.
- 0.97 ton moringa sold by 46 members of 2 WMGs at BDT 38640 with profit BDT 8694.
- 200 kg vegetables collectively sold at Sonadanga whole sell arot by 51 members of 2 WMG`s.
- 28 members from a WMG collectively purchased 280 ducklings from Nursery by BDT 9520.
- 840 kg fingerlings collectively purchased at BDT 151200 by 52 members of 5 WMGs.
- 117 members of 02 WMG`s participate in 1050 poultry vaccination collectively.

Annual Work Plan of Polder 34/2 with timeline

Sl. No.	Task Name	Target	2020						2021					
			Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Organizational Management													
1.1	Assist WMAs to review WAP & implementation	1 no.	X	X									X	X
1.2	Assist Catchment O&M Committees to review/up dated their O&M Plan and its implementation	12 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.3	Assist WMGs to increase O&M fund and its uses	19 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.4	Assist WMG to collect saving and its use for IGAs	19 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.5	Participate AGM of WMOs	19 WMGs 1 WMA	X	X	X									X
1.6	Assist WMA to generate O&M fund	N/based	X	X	X	X	X	X	X	X	X	X	X	X
1.7	Motivate WMA to encroachments of illegal use and make functional of WM infrastructures	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.8	Assist and motivate WMA to develop internal coordination among the WMGs and leaderships	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.9	Assist WMAs to monitor WMG's activities	19 nos.	X	X	X	X	X	X	X	X	X	X	X	X
1.10	Motivate WMGs for O&M activities	Need based	X	X	X	X	X	X	X	X	X	X	X	X
1.11	Implement CAWM and SSWMI schemes	6 nos. 7 nos.	X	X	X	X	X	X	X	X	X	X		
1.12	Facilitate WMA to build up linkage & networking with LGIs, BWDB, DAE, BADC, DLS, DOF, Private sect.	Need based	X	X	X	X	X	X	X	X	X	X	X	X
2	Water Resources Management													
2.1	Monitor embankment re-sectioning work	6.445 km	X				X	X	X	X	X	X	X	X
2.2	Monitor flood damaged/breach closing work	0.950 km					X	X	X	X	X			
2.3	Monitor re-excavation of khals	5.000 km					X	X	X	X	X	X	X	
2.4	Monitor Sluice construction	2nos	X	X	X	X	X	X	X	X	X			
2.5	Monitor repairing Regulator /sluices	4nos					X	X	X	X	X	X		
2.6	Monitor mechanical works of sluice	2nos						X	X	X	X	X	X	X
3	Agriculture and Economic Development													
3.1	Facilitate technical session on T. Aman rice pest management (BPH) by Private Companies	2 batch			X	X								

3.2	Vegetables demonstration by Private sector.	1 no`s demo			X	X	X	X		X	X			
3.3	Training on Post-harvest management of Vegetables for Resource Farmers.	1 batch					X							
3.4	Linkage building meeting among private companies and Vegetables farmers	1 workshop						X						
3.5	Linkage building with RF, CF & FTs with different market actors	35 person	X	X	X	X	X	X	X	X	X	X	X	X
3.6	Poultry Farmer Field School	4 no`s	X	X	X	X		X	X	X	X			
3.6	Expansion of Collective Actions (CAs) on IGA	19 nos.	X	X	X	X	X	X	X	X	X	X	X	X
3.7	FFS on Poultry rearing and Market Orientation	4 nos.	X	X	X	X		X	X	X	X			
4	Gender Mainstreaming													
4.1	Courtyard Meeting on Gender and Leadership	34 nos	X	X	X	X	X	X	X	X	X			
4.2	Women empowerment through horizontal Learning	1 no				X	X							
4.3	Observe of International Women's Day (IWD)	1no									X			
5	Training and Communication													
5.1	Invite WMA repr. to attend Upazila & District workshop on Polder WM and Partnership Dev.	2nos.					X	X						
5.2	Communication and Horizontal Learning													
5.1	Identification of good practices	10 Nos	X	X	X	X	X	X	X	X	X	X	X	X
5.2	Fact sheet preparation of identified good practices	10 Nos	X	X	X	X	X	X	X	X	X			
5.3	Organizing HL/experience sharing events/visits	10 Nos		X	X	X	X	X	X	X	X	X	X	X
5.4	Booklet, flipchart, leaflet, poster distribution	19 WMGs 1 WMA			X	X								
5.5	O&M awareness notice installation at sluice site	12 catch.	X	X										
5.6	Video screening	2					X	X						
5.7	BGP Barta distribution and feedback	19 WMGs 1 WMA				X			X			X		
6	Monitoring Reflecting and Learning													
6.1	WMO Health Dashboard	1 no.	X	X	X	X	X	X	X	X	X	X	X	X
6.2	Assist to Conduct end line Survey	1 no.			X	X	X	X						
6.3	Assist to Conduct WMG Survey	1 no.							X	X	X	X	X	X

Annex C: Satkhira Zonal Plan

Polder-wise Planning Format: Polder-2, Satkhira

Progress to end-June 2020

Organizational Management

A daylong workshop was organized for partnership development on polder water management and implementation. An agreement signing ceremony took place on operation, repair & maintenance in between WMAs and BWDB. 2 Days Training on market linkage development and women empowerment were also organized. Knowledge empowerment training for selected livestock farmers to climate resilient was organized in 2 batches. Orientation session on WMG's data collection and management done in 6 batches. Maheswarkati Sluice WMA organized an event of IWD. Two Dramas were organized for polder water management in SSM Sluice WMA area. 7 HL events were organized on Summer Tomato, Summer Bean, IPWM demonstration, CAWM, Mustard Cultivation and CFWM. 63 WMG's AGM completed out of targeted 64 WMGs. 3 WMAs and 63 WMGs completed their Action Plan. 12 catchment plans were formulated out of 12. Savings collection is Tk. 162769/- by 20 WMGs. O&M fund collection was Tk. 66370/- by 43 WMGs and expensed Tk. 7200/- by 7 WMGs. O&M works done voluntarily by 23 WMGs and financial value of voluntary work was Tk. 289720/-. 13 SSWMIs works under 12 WMGs and 3 CAWMs infrastructural works under 2 WMGs were completed.

Water Resource Management

1.2 km Resectioning of the embankment completed in the reporting period out of total 36.69km resectioning done. 4.25 km khals re-excavation completed in the reporting period out of total 32.32km khals re-excavated. Re-construction of 3 Sluices (Chapra, Madra and Moheswarkati Drainage Cum Flushing Sluice) completed earlier and construction works of 2 Regulators (Hazikhali and Budhhata Drainage Cum Flushing Regulator) completed in the reporting period. 0.532 km low cost protective works completed in the reporting period out of total 1.010 km completed. Repair of 7 Sluices completed in the reporting period. Total 5 Box Culverts construction works had been completed. Construction works of 3 Pump Sheds have been completed in the reporting period and 1 pump shed construction works are running. 499 m RCC Drain Pipes construction works completed in the reporting period and supplying of Drain Pipes are running. Construction of 3 Approach Roads in connection with 3 Box Culverts already completed.

Agriculture and Economic Development

2 CAWM, 4 IPWM and 1 CFWM were demonstrated in the reporting period. Lal Teer Seed Company provided 4 demonstrations on vegetables with the support from WMGs. Scale up of summer tomato and summer bean cultivation done in 22 plots and 26 plots respectively in the reporting period. The summer bean cultivation was newly introduced. FFS 13 cycle done on poultry and beef fattening under 19 WMGs and 19 FFDs were organized in the reporting period. Training on market orientation, resource farmers and market actors were also provided. 345 members from 290 HHs engaged with Bashak Leaves Value Chain Activities, they are earning average Tk. 2200-2500/month/member and their total income is Tk. 399380/- in the reporting period. This value chain activity is running continuously. This is one of the achievements of Blue Gold Program.

Annual Work Plan of Polder 2 with timeline

S. N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A	Organizational Management													
1	To Facilitate WMGs for organizing Annual General Meeting (AGM)	64 WMGs					x	x	x					x
2	Assist WMGs to prepare and finalize WMG Action Plan (WAP)	64 WMGs	x	x			x	x	x					x
3	Assist WMG to organize monthly meeting	64 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist WMG to increase O&M fund and use of fund	64 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
5	Assist WMG to collect saving and its use for IGAs	64 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
6	Facilitate to WMAs for organizing Annual General Meeting	3 WMAs					x							x
7	Assist WMAs to prepare and finalize WMA Action Plan (WAP)	3 WMAs					x							x
8	Assist WMA to organize bi-monthly meeting	3 WMAs	x		x		x		x		x		x	
9	Facilitate WMA to create general fund	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
10	Formation of Hazikhali Khal O&M sub-committee	1 Catchment	x											
11	Facilitate review last O&M catchment plan and formulate new O&M plan	13 Catchments				x								x
12	Support to WMAs and catchment committees for implementation of catchment O&M plan	13 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
13	Motivating WMA to establish WMA office (Moheswarkati WMA)	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
14	Review and follow-up the implementation progress of O&M Agreement	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Motivating WMA to encroachments of illegal use	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
16	Motivate WMA to develop internal coordination among the WMGs and their leaderships	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
17	Assist WMAs to monitor WMG's activities	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
18	Facilitate and provide necessary information and idea to WMA to get the occupancy of unused resources of BWDB from concerned govt. authority	As require	x	x	x	x	x	x	x	x	x	x	x	x
19	Identify the best practices and assist WMA to upscale theses through HL	64 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
20	Expansion of Collective Actions (CAs) in numbers	64 WMGs	x	x	x	x	x	x	x	x	x	x	x	x

S. N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
21	Facilitate WMOs to build up linkage & networking with LGIs, BWDB, DAE, BADC, DLS, DoF, Private sector and others	64 WMGs and 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
22	Facilitate and support for voluntarily implement of IPWM, O&M	64 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
23	Follow up implementation of DAE cash grants	47 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
24	Health Check (WMOs)	64 WMGs and 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
B	Water Resources Management and Infrastructure Development													
1	Re-excavation of Himkhali Khal (carried over)	2.144km	x	x	x	x	x	x	x	x	x	x	x	x
2	Pump shed construction (Sagla Pump Shed)	1	x	x	x	x								
3	Installation of RCC Drain Pipes	499m	x	x	x	x	x	x	x	x				
4	O&M works (Ghogs, Rain cut, Slope repairing, removal of slushy earth)	0-58.99 km	x	x	x	x	x	x	x	x	x	x	x	x
5	Keys/Hand Wheels hand over meeting	1 Nos.			x	x								
C	Strengthen Value Chain/Agriculture and Economic Development													
1	Follow up old TA FFS	125 FFS	x	x	x	x	x	x	x	x	x	x	x	x
2	FFS Cycle-14 (Poultry)	3 FFS	x	x	x	x								
3	Capacity Building Training for Resource Farmers	1 batch			x									
4	Market Visit of Resource Farmers	3 RF			x									
5	Organize FFD of 14th Cycle FFS (Poultry)	3 FFD				x								
6	Organizing Vaccination Camp (Poultry, Cattle, Goat etc.)	10 events			x	x	x					x	x	x
7	Promote Bashok Leaves Marketing	345 members	x	x	x	x	x	x	x	x	x	x	x	x
8	Scale up summer tomato and summer bean cultivation	30 farmers	x	x	x	x	x	x						
9	Follow up and implementation of old CFWM and CLF	2 No & 5 No	x	x	x	x	x	x						
10	Assist to WMG/WMA to establish linkage with Private sector	64 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
D	Environmental Sustainability and DRR													
1	Awareness meeting with WMOs on environment and DRR issues	64 WMGs				x	x					x	x	

S. N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
E	Community Led Agricultural Water Management (CAWM)													
1	Follow up old CAWM	8 CAWM	x	x	x	x	x	x	x	x	x	x	x	x
2	CAWM Implementation and Crop cutting at CAWM Areas	2 CAWM	x	x	x	x	x	x	x	x	x	x	x	x
3	Water Management Infrastructures Development under CAWM	2 CAWM						x	x	x	x			
F	Communication and Horizontal Learning													
1	Case Study Development	10 nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Video Develop and screening on good practices	As require	x	x	x	x	x	x	x	x	x	x	x	x
3	Organize Horizontal Learning (HL) Events	12 events				x	x	x	x	x	x	x	x	x
G	MRL Activities													
1	WMO Health Dashboard	64 WMGs 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
2	Assist to Endline Survey	64 WMGs			x	x	x	x						
3	Assist to WMG Survey	64 WMGs							x	x	x	x	x	x
H	Gender Mainstreaming													
1	Implementation of Gender and Leadership Development Training	64 WMGs 3 WMAs	x	x	x	x	x	x	x	x	x			
2	Increase women's involvement in decision making and leadership & CAWM	3 WMAs	x	x	x	x	x	x	x	x	x			
3	Women empowerment through HL Program exchange events	2 Nos.	x	x	x	x	x	x	x					
4	Observation of International Women's Day	1 event									x			

Annex D: Patuakhali Zonal Plan

Progress to end-June 2020

In Patuakhali BGP zone, we have total 10 Polders of which 4 are phase-out Polders considered as Phase-I Polder, 4 are also phase-out Polder but considered as phase-II Polder and 2 are phase-in Polders. So, WMOs in this zone are not equally capable to perform all of their activities as a sustainable organization for equable water management for agricultural development. However, the achievements by the WMOs found by end of June 2020 are described below –

- 3 WMAs of the zone have signed O&M agreement with BWDB which has created opportunities for proper maintenance of water management infrastructures by them;
- During financial year 2019-20, WMGs in collaboration with Blue Gold Program have installed 75 gated PVC pipe culverts, constructed 4-Box culvert and excavated 37.731 km long field channel with cost share basis where, WMGs had to made expenses of about Tk.3990184.00 through cash & voluntary labor. As a result, Sub-catchment level water management scenario has been changed; ultimately, allowed farmers to cultivate HYV crops with diversification intensification cropping option.
- Due to improved water management at catchment and sub-catchment level as well as proper water management especially in-polder water management (IPWM), jointly by WMOs, during last Aman season, reducing local variety areas, 65% of the land in 10 polders areas has been covered by HYV rice. Even in the last Rabi season, reduced fallow lands and Rabi coverage was about 85% of lands.
- 13 Community Led Agriculture Water Management (CAWM) successfully have been implemented in different Polders. Where, 708 farmers have received seed (Aman rice and Bari Mung-6) and fertilizers from BGP. HYV of Aman rice have been planted in 303 hectares of land under 13 CAWM activities. Organized a HL event on CAWM activities/issues at one of the phase-in Polder which, allowed replication of CAWM technologies to about 1021 ha within adjacent catchments and others Polder 1665ha of lands.
- All 183 WMGs and 21 WMA have updated their WAP for the FY 2020-2021 where, they kept emphasize on activities of crop synchronization, intensification and diversification with modern crops varieties, Catchment/Sub-catchment water management related activities, resources mobilization from internal & external sources, O&M, Collective Action, IGAs, linkage development with private and Govt. sectors.
- During the Corona Virus period, the WMOs have distributed food items & sanitizers to the destitute members of WMGs, demonstrated hand-wash techniques with soap, installed hand-wash devices at many bazar areas of the Polder, organized Miking/Campaign on social

distancing & hand wash issues and have conducted several awareness raising meeting with Polder dwellers.

- 5 WMAs of Polder 55/2A, 55/2C, 47/3 and 47/4 have organized two Informal training event for 68 WMA members on “Techniques of Building Capacity of WMAs (horizontal learning)” where, Chairmen & members from 3 UPs were also present as observer. Having experiences from these training events, WMA members are now able to identify their own weakness easily and are capable to find out ways to solve problems related to organizational management, record keeping, fund raising and they are now more active in participate all kinds of WMG activities including water management. Besides these, 4 Horizontal Learning event have been organized on CAWM activities.
- WMGs, O&M Catchment Committee and WMA jointly have removed water hyacinth from Khals, cleaned garbage & slushy from both sides of Sluices; Greased & painted and plastered sluices in different Polders. As a result, Sluicagate can operate easily and lifespan of sluices has been increased.
- After the attack of cyclone Amphan, WMOs played an important role in protecting embankments including other infrastructures by repairing immediately with their own resources and initiatives.
- The WMOs have mobilized a total of Tk.831145.00 in cash from the farmers during the reporting year as O&M funds. The total cost for the honorarium of the Sluice Operators and routine maintenances of the infrastructure was Tk.556060.00. So, the O&M fund had played a helpful role in proper water management and increasing confidence in farmers' to WMOs.
- One Upazila level workshop on WMAs' Action Plan & Support from Upazila Administration has been organized by XEN, BWDB, Barguna at Amtoli, Barguna by the Chair of XEN, Barguna with UNO, Amtoli as Chief Guest where, concern Upazila Officers along with Police Station In-Charge, Amtoli were present. After the workshop, WMAs have submitted numbers of complain/requirements to the UNO and UNO has assured for solution gradually.

Besides all above achievements, some other activities have been performed by the individual WMO level which cannot be mentioned here for space shortage; however, one can see those from individual Polder level achievement. Again, during this reporting period, BWDB has also completed construction of 11 sluiceways and construction of 9 outlets; completed repairing of 19 sluices, completed 40.15 km Khal re-excavation and also completed re-sectioning of 34.96 km long of embankment.

Lessons learnt

- Proactive & honest WMO leaders having good linkage & relationship with concern GO-NGO agencies is a key factor to lead forward the WMOs.
- Horizontal Learning or experience sharing event is very effective to scale up any good or successful practice.

- Farmers will be improving their socio-economic condition through collective action.
- Cost-sharing activities like SSWM and practical based activities like poultry FFS & CAWM are very effective and sustainable development approach.

2020 - 2021 Objectives

Patuakhli Zonal Team always wishing for effective & functional WMOs at this zone and assisting to prepare WMGs/WMAs action plan for building organizational capacity in respects of water management through proper O&M planning and implementing, linkage development with LGIs and other development partners. Use & mobilize local resources for their won development and also use outside resources for increase agricultural production and income. So, to fulfil the wishes the Patuakhli Zonal Team has set following objectives:

- Established functional WMGs/WMAs;
- Established Polder and in polder sustainable water management for increase productions and income;
- Linkage development between WMAs and BWDB, DAE, LGIs, Private sectors;
- Experience shearing visit and horizontal learning program initiate to adaptation good practices;
- Through community coordination implement catchment O&M plan;
- Improved drainage & crop production environment of the Polder through SSWM and CAWM knowledge they acquired.
- Aware & disseminated/transferred production technologies through activating FFS members, organizing HL, setting demonstration, implementing CAWM and facilitating informal training.

Annual Work Plan of Patuakhali Zone with timeline

S. N	Task Name	Target	2020						2021					
			Ju l	Au g	Sep	Oc t	No v	De c	Jan	Fe b	Ma r	Ap r	May	Ju n
A.	Organization and Equitable Water Management													
1	Arrange Zonal Coordination meeting	8 Nos.			x			x	x	x	x	x	x	x
2	Prepare polder wise Half Yearly Report	20	x						x					
3	Annual plan review and sharing with Polder team	10 Polders	x	x	x	x	x	x	x	x	x	x	x	x
4	Capacity building of WMAs	10 Polders	x	x	x	x	x	x	x	x	x	x	x	x
5	Assist to PolderTeam to Prepare and implementation WMGs and WMAs WAP	10 Polders	x	x	x	x	x	x	x	x	x	x	x	x
6	Facilitate WMAs to identify internal and external resources, mobilize and proper utilization of fund	22 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	As require	x	x	x	x	x	x	x	x	x	x	x	x
8	Assist to WMA for submitting application to BWDB, BADC and LGED for WM works	As require	x	x	x	x	x	x	x	x	x	x	x	x
9	Assis to WMAs/WMGs to regular communication with BWDB and DAE	As require	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist in attendance of Govt., NGO & private sect. representatives at issue-based WMA meetings	As require	x	x	x	x	x	x	x	x	x	x	x	x
11	Attend monthly and annual general meetings of WMGs/WMAs	As require	x	x	x	x	x	x	x	x	x	x	x	x
12	WMA Capacity Building Workshop	6 Batch						x	x	x	x	x		
13	Assist to WMOs to prepare & implementation catchment level WM and O&M planning	10 Polders	x	x	x	x	x	x	x	x	x	x	x	x
14	Attend Polder Coordination meeting	10 Polders	x		x	x	x	x	x	x	x	x	x	x
15	Conduct health check session of WMGs	As require	x	x	x	x	x	x	x	x	x	x	x	x
16	Conduct Staffs performance review	All CDFs					x							
17	Assist to WMA/WMG for Coordination with LGIs	6 UZ	x	x	x	x	x	x	x	x	x	x	x	x
18	Gender and Leadership Development training	56	x	x	x	x	x	x	x	x	x	x	x	x

19	Assist WMOs to coordination with sub-catchment committee for implementation of catchment plan and utilize properly O&M funds	10 PT					x				x	x		
20	With coordination of WMAs to arrange experience sharing workshop with in the Polder WMG to WMG for capacity building	5 PT					x	x	x	x	x	x	x	x
21	Organize upazila level workshop	3 UZ							x	x	x			
22	Organize District level workshop	1 District						x	x					
23	Consultation meeting with WMA and exit	10 Polders												x
B.	Water Resource Management													
1	Construction of Retired Embankment	595m					x	x	x					
2	Re-sectioning of Embankment	3.230km					x	x	x	x	x	x	x	x
3	Re-excavation of Khal	29.971km					x	x	x	x	x	x	x	x
4	Sluice Construction	8	x	x	x	x	x	x	x	x	x	x	x	x
5	Outlet Construction	6	x	x	x	x	x	x	x	x	x	x	x	x
6	Repair of Sluice	7					x	x	x	x	x	x		
C.	Strengthen Value Chain/Agriculture production and Business Development													
1	Assist to Polder Team for Backstopping Old FFS (networking support)	As require	x	x	x	x	x	x	x	x	x	x	x	x
2	Planning Workshop for review that activities	As require					x							
3	TA FFS conduction	15 Nos.		x	x	x	x							
4	FFS RF capacity building training and market visit (RF)	15 RFs				x	x							
5	Field Farmers day observe in FFS	15 Nos.					x							
6	Assist to Polder Team to set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	As require	x	x	x	x	x	x	x	x	x	x	x	x
7	Follow-up/review/informal training of catchment planing and WMA capacity building	22WMAs	x	x	x	x	x	x	x	x	x	x	x	
8	Assist to Polder Team to linkage meeting between WMOs and VC actors	As require	x	x	x	x	x	x	x	x	x	x	x	x
9	Assist to Polder to follow-up and support to Community led Fisheries (CLF)	As require	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to polder team to organize linkage building workshop with WMO and private sectors	10 Polder Team				x	x	x						

D.	Community Led Agriculture Water Management (CAWM)/SSWMI													
1	Consultation meeting with WMG/Community	10 WMGs	x									x	x	
2	CAWM Area/catchment selection finalization	10 WMGs	x									x	x	
3	Facilitate & Assist CAWM activities	10 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSs)	1 WMG (Aman+Rabi)	x	x	x	x	x	x	x	x	x	x	x	x
5	Organize Rabi Planning Workshop	1 Nos.						x						
6	Water Management Infrastructures Development (cannel excavation, pipe installation, culvert construction etc.)	10 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
7	Backstopping Old CAWM FFS	As require	x	x	x	x	x	x	x	x	x	x	x	x
8	Assist to Polder Team to Sub catchment Water Management activities led by community	As require	x	x	x	x	x	x	x	x	x	x	x	x
9	Assist to Polder Team to increase women's involvement in CAWM (through discussions and meetings)	As require	x	x	x	x	x	x	x	x	x	x	x	x
10	Assis to WMGs for preparation of SSWMI infrastructures plan and submit to BGP Zonal office	As require			x	x								
11	Crop cutting events festival (large scale horizontal learning)	3 Nos.					x	x						
12	FFD/Crop cutting events and reporting	10 Nos.					x	x						
13	Assist to Polder Team to implement SSWMI activities	As require	x	x			x	x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Assist to polder team for Identification of good practices	10 Polders	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	10 Polders	x	x	x	x	x	x	x	x	x	x	x	x
3	Assist to Polder Team to organize horizontal learning events	10 events	x	x	x	x	x	x	x	x	x	x	x	x
4	Learning/sharing workshop (Zone level)	1							x					
	WMA – UP Partnership Development Workshop	As require												
	Workshop on WMA Capacity Building & Implementation Catchment Plan	22			x	x	x	x	x	x	x	x	x	
5	Video show	40 nos.				x	x	x	x	x	x			

F.	Cross Cutting Issue/Gender Mainstreaming													
1	Awareness meeting with WMOs on environment and DRR issues	As require												
2	Increase women's involvement in decision making and leadership	As require	x	x	x	x	x	x	x	x	x	x	x	x
3	Assist to WMOs to take women empowerment initiatives	As require	x	x	x	x	x	x	x	x	x	x	x	x
4	HL on women empowerment through socio-economic development	6nos						x	x	x	x	x		
5	Training on Market Linkages and Women's Empowerment (1-2-days training)	As require	x	x	x	x	x	x						

Polderwise Annual Work Plan of Patuakhali zone

D.1 Polder 43/1A

Progress to end-June 2020

Polder 43/1A is a phase-I polder and during the reporting period, no sluice construction or no re-sectioning of embankment has been planned by the BWDB. Only planned for 1.02 km Khal re-excavation which has been completed. The performances and achievements of the WMOs for the development of water management and agriculture in the Polder are given below –

Paschim Sonakhali WMG has repaired a damage point at the base of Amtola Sluice and painted & greased their sluices to protect those from carbonic damage. 9 WMGs have cleaned water hyacinth from their adjacent khals. Purbo Sonakhali WMG has repaired three erosion point made by super-cyclone Amphan. 3 other WMGs & WMA have jointly repaired hole of embankment and both side erosion of Inlets & outlets. Catchment planning of all 5 catchments of the Polder has been updated. WMOs have developed very good linkage with DAE, as a result, 42 farmers from 14 WMG got 5kg each BRRI Dhan-48 seed from them as demonstration. Besides these, DAE also provided DAP-20 kg and MoP- 10 kg to each of the farmer for Aus season. They have also very good networking with BADC and as per demand of WMAs, BADC has re-excavated 5km long khal and installed 82 pieces of RCC pipe which are benefiting crops of 650ha lands. With cooperation from WMA, Department of Fisheries has operated mobile court against illegal obstacles of khals in 2 different places. Besides, 5 WMGs and 2 WMAs jointly have remove fishing net, other Kata and illegal obstacles from 5 different khals. WMA has also very good relationship with UP as a result, Chairman of Athoragachia Union Parishad has allocated a room to Amtola-Chawla Sluice WMA for office. 5 WMGs have excavated 6850 ft. long field channel and installed 6 gated pipe culverts under SSWM activities. 10 WMGs have motivated 205 farmers to purchase inputs & sell out their produces through Collective Action.

Annual Work Plan of Polder 43/1A with timeline

S.N	Task Name	Target	2020						2021						
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
A	Organization and Equitable Water Management														
1	Bi-monthly WMA meeting (2 WMA X 6)	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x	
2	WMA WAP preparation and approval in AGM	2 Nos.	X	x	x										
3	Annual General Meeting in WMA	2 Nos.	x	x	x										
4	Assist to WMA for execution of O&M Agreement	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	
5	Provide support to WMA to implement their WAP	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	
6	Increase WMA Funding	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	
7	Assist in identification of unused khals and other resources under the WMA	2 WMAs	x	x	x	x	x	x							
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	2 WMAs				x	x	x	x	x	x				
9	Assist in ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	2 WMAs					x	x	x	x					
11	Joint meeting with UP between WMA leader on Women empowerment	2 WMAs					x	x				x	x		
12	Assist to O&M catchment committee for updated O&M Catchment Plan	5 Catchments	x	x	x	x									
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level Water Management and O&M Catchment Plan Implementation	5 Catchments	x	x	x	x	x	x	x	x	x	x	x	x	
14	Establish functional linkage & network of WMA with GO & PS, LGI	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	
15	Assist to WMA to establish WMA Office room with furniture and Signboard	2 Nos.				x	x	x	x						
16	Organize Collective Action (Economic activity) in WMGs	14 WMGs	X	X	X	X	X	X	X	X	X	X	X	X	
17	Continue assisting WMGs & WMA to improve performance	14 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	
18	Fund mobilize for O&M activities in WMGs	Tk. 30000	x	x	x	x	x	x	x	x	x	x	x	x	

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
19	Women empowerment initiatives in WMAs and WMGs	14 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
20	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	10 gatekeepers					x	x	x	x				
21	WMGs Action Plan (WAP) updated and execute	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
22	WMG's Annual General Meeting (AGM) and WAP approve	14 WMGs		x	x	x								
23	WMG Monthly meeting (14 WMGsx12)	168 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
24	Saving Collection in WMGs	Tk. 50000	x	x	x	x	x	x	x	x	x	x	x	x
25	Initiate Collective IGAs in WMGs	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
26	International day observation by polder level	2 Nos.					x				x	x		
27	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
28	Phasing out Consultation meeting with WMGs and exit	14 WMGs										x	x	
29	Consultation meeting with WMA and exit	2 WMAs												x
B.	Water Resources Management and Infrastructure Development													
	There are no work plans/carried over works in Polder													
C.	Strengthen Value Chain/Agriculture and Economic Development													
1	Backstopping Old FFS (networking support)	34 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Planning Workshop for review that activities	1 Nos.					x							
3	Assist to WMGs members for construction modern Poultry Shad	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMGs members for organizing Vaccination Camp	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
5	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	8 Nos.												
6	Linkage meeting between WMOs and VC actors	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
7	Follow-up and support to Community led Fisheries (CLF)	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)/SSWMI													
1	Consultation meeting with WMG for selection CAWM	1 WMG	x											

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2	Area/field selection finalization	1 WMG	x											
3	Facilitate & Assist CAWM activities	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSS)	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
5	Water Management Infrastructures Development (cannel excavation, pipe installation, culvert construction etc.)	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
6	Assist to Sub catchment Water Management activities led by community	5 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x
7	Increase women's involvement in CAWM (through discussions and meetings)	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
8	Crop cutting events festival (large scale horizontal learning)	1 Nos.					x	x						
9	FFD/Crop cutting events and reporting	1 Nos.					x	x						
10	Assist WMGs to identify Sub-catchment level WM problem	14 WMGs			x	x	x							
11	SSWMI/Small Scale Infrastructures scheme implementation	14 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/visits	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	2 Nos.				x	x	x	x	x				
5	O&M awareness notice installation at sluice site	5 catchments	x	x	x									
6	Technology transforming through informal HL at WMG level	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment and DRR	14 WMGs					x					x		
2	Increase women's involvement in decision making and leadership	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
3	GLD training through CYS with WMG Members	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	14 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

D.2 Polder 43/2A

Progress to end-June 2020

- Construction of Maderbunia Sluice, 870m retired embankment and 1.550m khal re-excavation works have completed. Khatashia Sluice and 4 Outlet construction works are ongoing.
- 13 WMGs and Blue Gold Program under SSWMI through co-funding have constructed 17 Gated PVC Pipe Culvert, and excavated 4271m field channel.
- Hartakibaria WMG and Blue Gold Program under CAWM through co-funding have constructed 1 Gated PVC Pipe Culvert, 915m small dyke and excavated 1500m field channel.
- O & M Agreement have been signed. After signing WMA distributed O & M agreement copy to WMGs. 556m RCC pipe handed over to WMOs.
- Due to improved water management at the catchment and sub-catchment level, HYV of rice have been planted in about 2164 hectares (56.19%) out of 3887 hectares of land in the last Aman season In the last Rabi season, Rabi Crops have been planted in almost 100% of the land.
- All 20 WMGs and 1 WMA have updated their WAP for the FY 2020-2021.
- WMGs in collaboration with FFS resources farmers (RF) organized informal HL events with the non-FFS members of WMG. They have adopted new technologies that increased family income
- All 20 WMGs have collected tk. 70,480, 346 kg mung bean and 65 mound rice for O & M fund from WMGs members/non-members. Which used as salary as Sluice Gate Operator and O & M.
- WMGs, O & M Catchment Committee and WMA jointly have cleaned weeds, removed slushy, grease, paint and plastering from all 5 sluices
- 12 WMGs, WMA and UP jointly have cleaned water hyacinth, removed fish trap and other illegal obstacles from 10.100 km length of 11 different khals. As a result 940 ha land have been benefited.
- During Cyclone Amphan, embankment damaged in about 20 places of. UP, WMG and WMA jointly have repaired.
- Installed Notice Board at all 4 Sluice and 2 Outlet on awareness of Sluice Operation and Maintenance. Resulting reduced illegal use of Sluice.
- Conducted 2 HL events on BRRIdhan76, 60 people from 36 WMGs of 6 polders participated there.
- 10 WMGs have excavated 2750m field drain to drain out excess water form mung bean and rich field.
- Purba Choto Bighai WMG constructed a gated PVC Pipe Culvert at use O & M fund in Naltala Cola, with value tk. 35,000 through cash.
- According to demand of WMG, LGED and UP have constructed Six Box Culvert.
- DAE conducted 3 FFS on Aman rice, 7 sunflowers, 5 Groundnuts and 5 maize exhibitions in Rabi season, distributed 5kg BRRIdhan48, 30kg fertilizer to 180 members of WMGs in Aus seasons and various vegetables seeds to 55 members of WMGs.

Annual Work Plan of Polder 43/2A with timeline

S.N	Task Name	Target	2020							2021					
			Jul	Aug	Sep	Oct	Nov	Dec		Jan	Feb	Mar	Apr	May	Jun
A	Organization and Equitable Water Management														
1	WMA Registration	1 WMA	x	x	x	x	x	x							
2	WMG Registration	1 WMG	x	x	x	x	x	x							
3	Bi-monthly WMA meeting (2 WMA X 6)	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x	x
4	WMA WAP preparation and approval in AGM	2 Nos.	X	x	x										
5	Annual General Meeting in WMA	1 WMA	x	x	x										
6	Accompaniment support to WMA for excution of O&M Agreement	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	x
7	Provide support to WMA to implement their WAP	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	x
8	Increase WMA Funding	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	x
9	Assist in identification of unused khals and other resources under the WMA	2 WMAs	x	x	x	x	x	x							
10	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	2 WMAs				x	x	x	x	x	x				
11	Assist in ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	x
12	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	2 WMAs					x	x	x	x					
13	Joint meeting with UP between WMA leader on Women empowerment	2 WMAs					x	x					x	x	
14	Assist to O&M Catchment Committee for updated O&M Catchment Plan	6 catchment s	x	x	x	x									
15	Provide Support to O&M Sub-Committee and WMA to implement Catchment level Water Management and O&M Catchment Plan Implementation	6 Catchment s	x	x	x	x	x	x	x	x	x	x	x	x	x
16	Establish functional linkage & network of WMA with GO & PS, LGI	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	x
17	Assist to WMA to establish WMA Office room with furniture and Signboard	2 Nos.				x	x	x	x						

18	Organise Collective Action (Economic activity) in WMGs	20 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
19	Continue assisting WMGs & WMA to improve performance	20 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
20	Fund mobilize for O&M activities in WMGs	Tk. 50000	x	x	x	x	x	x	x	x	x	x	x	x
21	Women empowerment initiatives in WMAs and WMGs	20 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
22	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	12 Gatekeepers					x	x	x	x				
23	WMGs Action Plan (WAP) updated and execute	20 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
24	WMG's Annual General Meeting (AGM) and WAP approve	20 WMGs		X	x	x								
25	WMG Monthly meeting (20 WMGs x 12)	240 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
26	Saving Collection in WMGs	Tk. 75000	x	x	x	x	x	x	x	x	x	x	x	x
27	Initiate Collective IGAs in WMGs	20 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
28	International day observation by polder level	2 Nos.					x				x	x		
29	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
30	Phasing out Consultation meeting with WMGs and exit	20 WMGs										x	x	
31	Consultation meeting with WMA and exit	2 WMAs												x
B.	Water Resources Management and Infrastructure Development													
1	Re-excavation of Katakhal khal	800m						x	x	x				
2	Construction of Retired Embankment	595m						x	x	x				
3	Construction of Khatashia Drainage cum flashing Sluice (3V-1.50mX1.80m)	1 nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Outlet Construction	4 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
C.	Strengthen Value Chain/Agriculture and Economic Development	0												
1	Backstopping Old FFS (networking support)	48 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Planning Workshop for review that activities	1 Nos.					x	x						
3	Assist WMG members for construction modern poultry shed	20 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMGs members for organizing Vaccination Camp	20 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
5	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	10 Nos.												

6	Linkage meeting between WMOs and VC actors	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x	x
7	Follow-up and support to Community led Fisheries (CLF)	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)														
1	Backstopping Old CAWM FFS	5 Nos.	x												
2	Assist Sub catchment WM activities led by community	10 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x	x
3	Assist to WMGs for Sub-catchment level water management problem identification.	20 WMGs			x	x	x								
4	SSWMI/Small Scale Infrastructures scheme implementation	20 WMGs	x	x				x	x	x	x	x	x	x	x
E.	Communication and Horizontal Learning														
1	Identification of good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigits	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	2 Nos.				x	x	x	x	x					
5	Technology transforming through informal HL at WMG level (Hazol, Modern Poultry Shad, Line swing, parching, IPM etc.)	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue														
1	Awareness meeting with WMOs on environment and DRR	20 WMGs					x					x			
2	Increase women's involvement in decision making and leadership	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	x
3	Follow-up training of catchment plan & WMA capacity building	2WMA	x	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	20 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x	x

D.3 Polder 43/2B

Progress to end-June 2020

Polder 43/2B is a phase-I polder. From BWDB-BGP side, 2.40 km re-sectioning of embankment works, 7.82 km khals (Mangoler khal, Chinguria, Garibullah, Dakurbunia, Farangir khal) re-excavation have been completed. Construction of Bawria Sluice, Nurakhali Outlet and Machuakhali Khal Outlet have been completed and Mushrikati sluice construction work is in progress 96% and carried over for the next year. They also completed manufacturing of 556m RCC pipe and handed over to WMOs for improve water congestion. Besides these, WMOs have performed and achieved some activities are given below –

Badura WMG has made a dike around 360 ft. long which reduced water lodging of about 120 acres of land and benefited total of 90 farm families. Three WMGs have repaired three erosion point about 60 ft. long of their embankment. Part of routine maintenance, 3 WMGs have greased & painted three sluices of the Polder. 15 WMGs have cleaned water hyacinth around 8.5km long from canal. 4 WMGs have set awareness raising & cautionary notice-board at 4 sluices. 17 WMGs have installed 175 pieces of RCC pipe at different point to remove water lodging from crop fields. WMOs have also excavated 4718 ft. long field channel and have installed 5 gated pvc pipe culverts to provide scope of better water management through SSWM activities. Besides, they executed excavation of 1.5km long field channel and construction of 2 pipe culverts under CAWM. 04 WMG jointly with LGED have constructed 07 box culvert in the Polder. 496 farmers are involved in Collective Action for purchasing inputs and selling out their produces. Worked for scaling up poultry FFS issues and 30 new improved poultry shed have been constructed in 6 WMG areas. Increased linkage & cooperation with DAE and have set 34 trials on different crops, vegetables & fruits.

Annual Work Plan for Polder 43/2B with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A.	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (3 WMA X 6)	18 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	3 Nos.	X	x	x									
3	Annual General Meeting in WMA	3 Nos.	x	x	x	x								
4	Accompaniment support to WMA for excution of O&M Agreement	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	3 WMAs	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	3 WMAs				x	x	x	x	x	x			
9	Assist in ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADDC and LGED for re-excavation of silted khal	3 WMAs					x	x	x	x				
11	Joint meeting with UP between WMA leader on Women empowerment	3 WMAs					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	6 Catchments	x	x	x	x	x							
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level Water Management and O&M Catchment Plan Implementation	6 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Assist to WMA to establish WMA Office room with furniture and Signboard	1 Nos.				x	x	x	x					
16	Assist to WMA for repairing WMA office	2 Nos.				x	x	x						
17	Organise Collective Action (Economic activity) in WMGs	28 WMGs	X	X	X	X	X	X	X	X	X	X	X	X

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
18	Continue assisting WMGs & WMA to improve performance	28 WMGs & 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
19	Fund mobilize for O&M activities in WMGs	Tk. 96000	x	x	x	x	x	x	x	x	x	x	x	x
20	Women empowerment initiatives in WMAs and WMGs	28 WMGs & 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
21	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	10 Gatekeepers					x	x	x	x				
22	WMGs Action Plan (WAP) updated and execute	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
23	WMG's Annual General Meeting (AGM) and WAP approve	28 WMGs		x	x	x								
24	WMG Monthly meeting (28 WMGsx12)	336 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
25	Saving Collectionin in WMGs	Tk. 300000	x	x	x	x	x	x	x	x	x	x	x	x
26	Initiate Collective IGAs in WMGs	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
27	International day observation by polder level	2 Nos.					x				x	x		
28	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
29	Phasing out Consultation meetinbg with WMGs and exit	28 WMGs										x	x	
30	Consultation meetinbg with WMA and exit	3 WMAs												x
B.	Water Resources Management and Infrastructure Development													
1	Khal Re-excavation	9.656 km					x	x	x	x	x	x	x	x
2	Re-sectioning of Embankment	2.23 km					x	x	x	x	x	x	x	x
3	Mushurikathi Sluice Construction Work	1 Nos.	x	x			x	x						
C.	Strengthen Value Chain/Agriculture and Economic Development	0												
1	BG-TA FFS formation and conduction	2 Nos.		x	x	x								
2	Backstopping Old FFS (networking support)	54 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Baseline & Endline survey in FFS	2 Nos.	x			x								
4	FFS RF capacity building training and market visit	1 Nos.				x								
5	Field Farmers day observe in FFS	2 Nos.				x								
6	Planning Workshop for review that activities	1 Nos.					x							

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
7	Assist to WMGs members for construction modern Poultry Shad	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
8	Assist to WMGs members for organizing Vaccination Camp	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
9	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
10	Linkage meeting between WMOs and VC actors	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
11	Follow-up and support to Community led Fisheries (CLF)	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)/SSWMI													
1	Consultation meeting with WMG/Community farmers for selection CAWM	1 WMG	x											
2	Area/field selection finalization	1 WMG	x											
3	Facilitate & Assist CAWM activities	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSs)	1 WMG (Aman+Rabi)	x	x	x	x	x	x	x	x	x	x	x	x
5	Water Management Infrastructures Development (cannel excavation, pipe instalation, culvart construction etc.)	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
6	Assist to Sub catchment Water Management activities led by community	5 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x
7	Increase women's involvement in CAWM (through discussions and meetings)	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
8	Crop cutting events festival (large scale horizontal learning)	1 Nos.					x	x						
9	FFD/Crop cutting events and reporting	1 Nos.					x	x						
10	Assist to WMGs for Sub-catchment level water management problem identification.	28 WMGs			x	x	x							
11	SSWMI/Small Scale Infrastructures scheme implementation	28 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Identification of good practices	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigits	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	4 Nos.				x	x	x	x	x				
5	O&M awareness notice instalation at sluice site	2 Catchments			x	x								
6	Technology transforming through informal HL at WMG level (Hazol, Modern Poultry Shad, Line swing, parching, IPM etc.)	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment and DRR issues	28 WMGs					x					x		
2	Increase women's involvement in decision making and leadership (especially in WMA) through CYS and general discussion with women and men)	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
3	GLD training through CYS with WMG Members	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	28 WMGs & 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

D.4 Polder 43/2D

Progress to end-June 2020

- 6.68km khal re-excavation and 2 no. of Outlet construction works have completed. Keshebpur Sluice (1 vent) is progress 93% and carried over for next year.
- 556m RCC pipe manufacturing work completed and handed over to WMOs are ongoing.
- Few local political influential people have been farming fish with cross dams on both sides of Akubia khal for last the five years. WMG and WMA jointly have removed fishing net, bamboo and cross dam on both side of khal.
- Some unscrupulous people in the area have occupied entire Botgachia khal with Jhai Jal, Vesa Jal, Venti Jal. WMA informed the BWDB and UFO. UFO issued a notification on 3 May 2020 under the Fisheries Protection and Conservation Act 1950 to the khal occupants in collaboration with Maderbunia UP.
- According to requirement of WMG, LGED and UP have constructed eight Box Culvert.
- 7 WMGs collects seasonal crops/cash from the farmers 960 kg Mung bean as O&M fund. its market value is about tk. 57,600.
- Instructions on Sluice Operation and Maintenance have been hung on 7 Sluices which will be improved awareness of community on Sluice operation and reduce illegal use.
- DAE has good relations with WMOs; DAE has exhibited 25 Sunflowers, 5 Groundnuts, 4 Maize, 30 vegetables and 16 Boro Rice in 27 WMG.
- 220 members of 12 WMGs jointly have purchased 750 kg of Mung bean seeds, 400 kg of Boro Paddy seeds, 1500 kg of fertilizer, tillage 500 acres of land and 170 members of 2 WMG collectively have sold 120 mound & 140 mound of mung bean to PRAN Company respectively.
- Charabunia WMG, compensations 80% dividend to members. WMG members are very happy to receive profit money.
- Formed 10 sub-committees under 10 WMGs to work during Corona virus period. Who are aware of WMG members and spray antibiotics in different places.
- 15 WMGs, 5 WMAs and 3 UP jointly have cleaned water hyacinth, Fishing nets and other obstacles of 6 different khals where is length about 12.300km.
- Ensuring proper water management at the catchment and sub-catchment level. In the last Aman season, out of 4875 hectares of land, 2548 hectares of land have been planted with HYV of Aman Rice and rabi crops have been planted in about 75% of land even last rabi season. It has been expected that HYV of aman rice will be planted in about 80% lands in current aman season.
- WMGs, O & M Catchment Committee and WMA jointly have cleaned weeds, removed slushy on both sides of Sluices, Grease, paint and plastering from 8 sluices.

Annual Work Plan of Polder 43/2D with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (5 WMA X 6)	30 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	5 Nos.	X	x	x									
3	Annual General Meeting in WMA	5 Nos.	x	x	x	x								
4	Accompaniment support to WMA for excution of O&M Agreement	5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	5 WMAs	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	5 WMAs				x	x	x	x	x	x			
9	Assist in ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	5 WMAs					x	x	x	x				
11	Joint meeting with UP between WMA leader on Women empowerment	5 WMAs					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	17 catchments	x	x	x	x								
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level WM and O&M Catchment Plan Implementation	17 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Assist to establish WMA office room with furniture & signboard	5 Nos.				x	x	x	x					
16	Organise Collective Action (Economic activity) in WMGs	28 WMGs	X	X	X	X	X	X	X	X	X	X	X	X

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
17	WMG Registration	1 WMG	x	x	x	x	x	x						
18	Continue assisting WMGs & WMA to improve performance	28 WMGs & 5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
19	Fund mobilize for O&M activities in WMGs	Tk. 45000	x	x	x	x	x	x	x	x	x	x	x	x
20	Women empowerment initiatives in WMAs and WMGs	28 WMGs & 5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
21	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	34 Gatekeepers					x	x	x	x	x	x		
22	WMGs Action Plan (WAP) updated and execute	14 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
23	WMG's Annual General Meeting (AGM) and WAP approve	14 WMGs		x	x	x								
24	WMG Monthly meeting (14 WMGsx12)	168 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
25	Saving Collection in WMGs	Tk. 60000	x	x	x	x	x	x	x	x	x	x	x	x
26	Initiate Collective IGAs in WMGs	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
27	International day observation by polder level	2 Nos.					x				x	x		
28	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
29	Phasing out Consultation meeting with WMGs and exit	28 WMGs										x	x	
30	Consultation meeting with WMA and exit	5 WMAs												x
B.	Water Resources Management and Infrastructure Development													
1	Re-excavation of Khal	1.815 km					x	x	x	x				
2	Sluice Construction (Keshebpur Sluice)	1 nos.					x	x	x	x	x	x	x	x
C.	Agriculture and Economic Development	0												
1	BG-TA FFS formation and conduction	3 Nos.		x	x	x								
2	Baseline & Endline survey in FFS	3 Nos.	x			x								
3	Backstopping Old FFS (networking support)	34 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	FFS RF capacity building training and market visit	1 Nos.				x								
5	Field Farmers day observe in FFS	3 Nos.				x								

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
6	Planning Workshop for review that activities	1 Nos.					x							
7	Assist to WMGs members for construction modern Poultry Shad	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
8	Assist to WMGs members for organizing Vaccination Camp	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
9	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	10 Nos.												
10	Linkage meeting between WMOs and VC actors	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
11	Follow-up and support to Community led Fisheries	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)													
1	Backstopping Old CAWM FFS	4 Nos.	x											
2	Assist to Sub catchment WM activities led by community	12 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x
3	Assist to WMGs for Sub-catchment level water management problem identification.	28 WMGs			x	x	x							
4	SSWMI/Small Scale Infrastructures scheme implementation	28 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigits	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show on CAWM/SSWMI and modern technology	5 Nos.				x	x	x	x	x				
5	O&M awareness notice instalation at sluice site	17 catchments	x	x	x									
6	Technology transforming through HL at WMG level	28 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment and DRR	28 WMGs					x					x		
2	Increase women's involvement in decision making and leadership	5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3	Follow-up/review/informal training of catchment plan and WMA capacity building	5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	28 WMGs & 5 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

D.5 Polder 43/2E

Progress to end-June 2020

- 6.68km khal re-excavation and 2 no. of Outlet construction works have completed. Keshebpur Sluice (1 vent) is progress 93% and carried over for next year.
- 556m RCC pipe manufacturing work completed and handed over to WMOs are ongoing.
- Few local political influential people have been farming fish with cross dams on both sides of Akubia khal for last the five years. WMG and WMA jointly have removed fishing net, bamboo and cross dam on both side of khal.
- Some unscrupulous people in the area have occupied entire Botgachia khal with Jhai Jal, Vesa Jal, Venti Jal. WMA informed the BWDB and UFO. UFO issued a notification on 3 May 2020 under the Fisheries Protection and Conservation Act 1950 to the khal occupants in collaboration with Maderbunia UP.
- According to requirement of WMG, LGED and UP have constructed eight Box Culvert.
- 7 WMGs collects seasonal crops/cash from the farmers 960 kg Mung bean as O&M fund. its market value is about tk. 57,600.
- Instructions on Sluice Operation and Maintenance have been hung on 7 Sluices which will be improved awareness of community on Sluice operation and reduce illegal use.
- DAE has good relations with WMOs; DAE has exhibited 25 Sunflowers, 5 Groundnuts, 4 Maize, 30 vegetables and 16 Boro Rice in 27 WMG.
- 220 members of 12 WMGs jointly have purchased 750 kg of Mung bean seeds, 400 kg of Boro Paddy seeds, 1500 kg of fertilizer, tillage 500 acres of land and 170 members of 2 WMG collectively have sold 120 mound & 140 mound of mung bean to PRAN Company respectively.
- Charabunia WMG, compensations 80% dividend to members. WMG members are very happy to receive profit money.
- Formed 10 sub-committees under 10 WMGs to work during Corona virus period. Who are aware of WMG members and spray antibiotics in different places.
- 15 WMGs, 5 WMAs and 3 UP jointly have cleaned water hyacinth, Fishing nets and other obstacles of 6 different khals where is length about 12.300km.
- Ensuring proper water management at the catchment and sub-catchment level. In the last Aman season, out of 4875 hectares of land, 2548 hectares of land have been planted with HYV of Aman Rice and rabi crops have been planted in about 75% of land even last rabi season. It has been expected that HYV of aman rice will be planted in about 80% lands in current aman season.
- WMGs, O & M Catchment Committee and WMA jointly have cleaned weeds, removed slushy on both sides of Sluices, Grease, paint and plastering from 8 sluices.

Annual Work Plan of Polder 43/2E with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (2 WMA X 6)	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	2 Nos.	X	x	x									
3	Annual General Meeting in WMA	2 Nos.	x	x	x									
4	Accompaniment support to WMA for excution of O&M Agreement	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	2 WMAs	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	2 WMAs				x	x	x	x	x	x			
9	Assist in ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	2 WMAs					x	x	x	x				
11	Joint meeting with UP between WMA leader on Women empowerment	2 WMAs					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	7 Catchments	x	x	x	x								
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level Water Management and O&M Catchment Plan Implementation	7 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Assist to WMA to establish WMA Office room with furniture and Signboard	2 Nos.				x	x	x	x					
16	Organise Collective Action (Economic activity) in WMGs	12 WMGs	X	X	X	X	X	X	X	X	X	X	X	X

17	Continue assisting WMGs & WMA to improve performance	12 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
18	Fund mobilize for O&M activities in WMGs	Tk. 10000	x	x	x	x	x	x	x	x	x	x	x	x
19	Women empowerment initiatives in WMAs and WMGs	12 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
20	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	14 Gatekeepers					x	x	x	x				
21	WMGs Action Plan (WAP) updated and execute	12 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
22	WMG's Annual General Meeting (AGM) and WAP approve	12 WMGs		x	x	x								
23	WMG Monthly meeting (14 WMGs x 12)	144 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
24	Saving Collection in WMGs	Tk. 20000	x	x	x	x	x	x	x	x	x	x	x	x
25	Initiate Collective IGAs in WMGs	12 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
26	International day observation by polder level	2 Nos.					x				x	x		
27	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
28	Phasing out Consultation meeting with WMGs and exit	12 WMGs										x	x	
29	Consultation meeting with WMA and exit	2 WMAs												x
B.	Water Resources Management and Infrastructure Development													
	There are no work plans/carried over works in Polder													
C.	Strengthen Value Chain/Agriculture and Economic Development	0												
1	Backstopping Old FFS (networking support)	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Assist to WMGs members for construction modern Poultry Shad	12 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
3	Assist to WMGs members for organizing Vaccination Camp	12 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	5 Nos.												
5	Linkage meeting between WMOs and VC actors	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
6	Follow-up and support to Community led Fisheries (CLF)	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)/SSWMI													
1	Assist to Sub catchment Water Management activities led by community	2 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x

2	Assist to WMGs for Sub-catchment level water management problem identification.	12 WMGs			x	x	x							
3	SSWMI/Small Scale Infrastructures scheme implementation	12 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigils	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	2 Nos.				x	x	x	x	x				
5	O&M awareness notice instalation at sluice site	7 Catchments	x	x	x									
6	Technology transforming through informal HL at WMG level (Hazol, Modern Poultry Shad, Line swing, parching, IPM etc.)	12 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment and DRR issues	12 WMGs					x					x		
2	Increase women's involvement in decision making and leadership (especially in WMA) through CYS and general discussion with women and men)	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
3	Follow-up/review/informal training of catchment plan and WMA capacity building	12 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	12 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

D.6 Polder 43/2F

Progress to end-June 2020

Polder 43/2F is a phase-I polder. In the year 2019-20, re-sectioning work of 02 km embankment has been completed by BWDB; they also completed 4.05 km Khal re-excavation during the reporting period. 2 new sluices were planned for construction during the reporting period and 90% progress has been achieved. Planned for 4 newly constructed outlets, started works and progress has been achieved about 85% of works. Besides BWDB activities, during the year 2019-20, WMOs have achieved the following tasks for the development of Polder 43/2F -

By the guidance of WMAs, 15 catchment sub-committee have updated their operation and maintenance plan. An on-spot orientation on Operation and Maintenance for 2 Gatemen of Bainbunia sluice has been organized by the WMG. As part of regular maintenance, 3 Catchment sub-committees have painted & greased the parts of sluices. 3 WMGs have repaired 3 erosion point created by super cyclone Amphan. WMAs have established very good relationship with DAE and 493 farmers have received seeds of different crops from DAE through WMA cooperation for setting trials and demo. WMAs have guided WMGs to excavate 4.84 km long field channel and to install 4 gated pvc pipe culverts at 06 WMGs area under CAWM activities. WMGs have collected savings of Tk.1,39,785.00 within the reporting period on the other hand they invested Tk. 8,92,500.00 as IGA and also collected profit of amounting of tk.1,18,580.00. 11 WMGs have motivated 273 farmers to sell out their produces collectively. Besides these, for smooth flow of water, Bazarkhali WMG has removed water hyacinth from their Khal and other 9 WMGs have removed illegal nets and obstacle from the canal with the help of WMA and Union parishad chairman. Uttargozkhali and Dakhin haridrabadia WMGs have repaired two rain-cut which were damaged during the rainy season.

Annual Work Plan of Polder 43/2F with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A.	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (3 WMA X 6)	18 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	3 Nos.	X	x	x									
3	Annual General Meeting in WMA	3 Nos.	x	x	x									
4	Accompaniment support to WMA for excution of O&M Agreement	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	3 WMAs	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	3 WMAs				x	x	x	x	x	x			
9	Assist in ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	3 WMAs					x	x	x	x				
11	Joint meeting with UP between WMA leader on Women empowerment	3 WMAs					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	16 Catchments	x	x	x	x								
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level Water Management and O&M Catchment Plan Implementation	16 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Assist to WMA to establish WMA Office room with furniture and Signboard	3 Nos.				x	x	x	x					
16	Organise Collective Action (Economic activity) in WMGs	27 WMGs	X	X	X	X	X	X	X	X	X	X	X	X

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
17	Continue assisting WMGs & WMA to improve performance	27 WMGs & 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
18	Fund mobilize for O&M activities in WMGs	Tk. 90000	x	x	x	x	x	x	x	x	x	x	x	x
19	Women empowerment initiatives in WMAs and WMGs	27 WMGs & 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
20	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	30 Gatekeepers					x	x	x	x				
21	WMGs Action Plan (WAP) updated and execute	27 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
22	WMG's Annual General Meeting (AGM) and WAP approve	27 WMGs		x	x	x								
23	WMG Monthly meeting (27 WMGs x 12)	324 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
24	Saving Collection in WMGs	Tk. 500,000	x	x	x	x	x	x	x	x	x	x	x	x
25	Initiate Collective IGAs in WMGs	27 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
26	International day observation by polder level	2 Nos.					x				x	x		
27	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
28	Phasing out Consultation meeting with WMGs and exit	27 WMGs										x	x	
29	Consultation meeting with WMA and exit	5 WMAs												x
B.	Water Resources Management and Infrastructure Development													
	There are no work plans/carried over works here													
C.	Strengthen Value Chain/Agriculture and Economic Development	0												
1	Backstopping Old FFS (networking support)	41 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Planning Workshop for review that activities	1 Nos.					x							
3	Assist WMGs members for making modern poultry shed	27 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist WMGs members for organizing vaccination Camp	27 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
5	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	10 Nos.												
6	Linkage meeting between WMOs and VC actors	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)													
1	Consultation meeting with WMG/ for selection CAWM	1 WMG	x											

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2	Area/field selection finalization	1 WMG	x											
3	Facilitate & Assist CAWM activities	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSs)	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
5	Water Management Infrastructures Development	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
6	Assist to Sub catchment WM activities led by community	6 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x
7	Increase women's involvement in CAWM	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
8	Crop cutting events festival	1 Nos.					x	x						
9	FFD/Crop cutting events and reporting	1 Nos.					x	x						
10	Assist to WMGs for Sub-catchment level water management problem identification.	27 WMGs			x	x	x							
11	Small Scale Infrastructures scheme implementation	27 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigits	3 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	5 Nos.				x	x	x	x	x				
5	O&M awareness notice instalation at sluice site	16 catchments	x	x	x									
6	Technology transforming through informal HL at WMG level	27 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment and DRR issues	27 WMGs					x					x		
2	Increase women's involvement in decision making and leadership	3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
3	Follow-up/review/informal training of catchment plan and WMA capacity building	27 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	27 WMGs & 3 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

D.7 Polder 47/3

Progress to end-June 2020

- 7 sluices repair work, 2.66km embankment re-sectioning and 1.92 km khal re-excavation works have completed. 1 new sluices are under construction, 80% progress.
- Excavated 3997m field channel and installed 12-gated PVC pipe culvert under SSWMI. 3325m field channel excavated, constructed 800m small dyke and installed 13-gated PVC culvert under CAWM by 3 WMGs. Which will ensured proper sub-catchment level water management and provide improve agriculture practice in about 746 ha of land.
- Due to proper water management at the catchment and sub-catchment level by the WMOs, HYV of Aman rice have been cultivated in about 65% of land in last Aman season and even last rabi season have been planted in about 26% of land. Where due to saline water, at one time almost 100% of land was fallow during Rabi season.
- O&M Agreement have been signed between WMA and XEN, BWDB, which will empowered the WMA to take over the management of water management infrastructure of this polder.
- All 8 WMGs and 1 WMA have updated their WAP for the FY 2020-2021. Where emphasizing on crop synchronization, cultivated MV of rice, sub-catchment WM, resources mobilization, O & M, CA, IGA, women empowerment, linkage development with private and Govt. sectors.
- WMGs, WMA and O&M Sub-committee have been performing routine maintenance work (Gogh repair of embankment, Oiling, Grazing and Painted of sluice gate, removed slush in front of sluice gate), as a result day by day improved capacity of WMOs on O&M activities.
- 3 WMGs made three cross dams on khal and two WMGs have made wooden fallboard for Outlet and Sluice Gate for preserving sweet water to irrigate rabi crops.
- All 8 WMGs have collected tk. 151,000, for O & M fund from WMGs members/non-members.
- WMGs have put awareness raising Notice at all 7 sluices to remind role & responsibilities of community people to protect sluices from damages.
- Safakhali Islampur khal WMG and BADC have jointly installed underground irrigation system for 120 acres of croplands, which will allow 35 farmers for irrigation to follow improved cultivation with diversified crops from next Rabi season.
- 285 members of the WMGs have jointly purchased 1,500 kg seeds, 2,000 kg fertilizers, 70-packet pesticide, 750kg-poultry feed, 450 kg fish feed, 1500 piece Duckling and sold 720 mound of paddy. As a result, every farmer has benefited financially.
- 150 farmers from 6 WMGs successfully cultivated vegetables in sac in waterlogged area as climate resilient technology from the assistance of Susilon a local NGOs through innovation fund.
- WMG and DAE jointly set 3 demonstration of Aus rice (Bridhan-48) in 11 acres of land., 3 demo for BARI Mung-6 in 3 acres of land, 1 demo for each of Maize, Grass pea and Boro rice.
- Organized 1 successful HL Event on CAWM activities, integrated homestead farming and Women empowerment with representatives from 6 WMGs.
- WMA has organized 2 drama shows in the polders on “We are with Water Management”.

Annual Work Plan of Polder 47/3 with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A.	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (1 WMA X 6)	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	1 Nos.	X	x	x									
3	Annual General Meeting in WMA	1 Nos.	x	x	x	x								
4	Accompaniment support to WMA for excution of O&M Agreement	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	1 WMA	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	1 WMA				x	x	x	x	x	x			
9	Assist in ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	1 WMA					x	x	x	x				
11	Joint meeting with UP between WMA leader on Women empowerment	1 WMA					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	7 Catchment	x	x	x	x	x							
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level Water Management and O&M Catchment Plan Implementation	7 Catchment	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Assist to WMA to establish WMA Office room with furniture and Signboard	1 Nos.				x	x	x	x					
16	Organise Collective Action (Economic activity) in WMGs	8 WMGs	X	X	X	X	X	X	X	X	X	X	X	X

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
17	Continue assisting WMGs & WMA to improve performance	8 WMGs & 1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
18	Fund mobilize for O&M activities in WMGs	Tk. 30000	x	x	x	x	x	x	x	x	x	x	x	x
19	Women empowerment initiatives in WMAs and WMGs	8 WMGs & 1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
20	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	14 gatekeepers					x	x	x	x				
21	WMGs Action Plan (WAP) updated and execute	8 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
22	WMG's Annual General Meeting (AGM) and WAP approve	8 WMGs		x	x	x								
23	WMG Monthly meeting (28 WMGsx12)	96 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
24	Saving Collectionin in WMGs	Tk. 40000	x	x	x	x	x	x	x	x	x	x	x	x
25	Initiate Collective IGAs in WMGs	8 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
26	International day observation by polder level	2 Nos.					x				x	x		
27	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
28	Phasing out Consultation meetinbg with WMGs and exit	8 WMGs										x	x	
29	Consultation meetinbg with WMA and exit	1 WMAs												x
B.	Water Resources Management and Infrastructure Development													
1	Construction of Aramgonj Sluice	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
C.	Strengthen Value Chain/Agriculture and Economic Development	0												
1	BG-TA FFS formation and conduction	2 Nos.		x	x	x								
2	Backstopping Old FFS (networking support)	23 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Baseline & Endline survey in FFS	2 Nos.	x			x								
4	FFS RF capacity building training and market visit	1 Nos.				x								
5	Field Farmers day observe in FFS	2 Nos.				x								
6	Planning Workshop for review that activities	1 Nos.					x							
7	Assist to WMGs members for construction modern Poultry Shad	8 WMGs	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
8	Assist to WMGs members for organizing Vaccination Camp	8 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
9	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
10	Linkage meeting between WMOs and VC actors	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)/SSWMI													
1	Consultation meeting with WMG/Community farmers for selection CAWM	1 WMG	x											
2	Area/field selection finalization	1 WMG	x											
3	Facilitate & Assist CAWM activities	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSS)	1 WMG (Aman+Rabi)	x	x	x	x	x	x	x	x	x	x	x	x
5	Water Management Infrastructures Development (cannel excavation, pipe instalation, culvart construction etc.)	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
6	Assist to Sub catchment Water Management activities led by community	3 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x
7	Increase women's involvement in CAWM (through discussions and meetings)	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
8	Crop cutting events festival (large scale horizontal learning)	1 Nos.					x	x						
9	FFD/Crop cutting events and reporting	1 Nos.					x	x						
10	Assist to WMGs for Sub-catchment level water management problem identification.	8 WMGs			x	x	x							
11	SSWMI/Small Scale Infrastructures scheme implementation	8 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3	Organizing HL/experience sharing events/vigits	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	2 Nos.				x	x	x	x	x				
5	O&M awareness notice instalation at sluice site	5 Catchments			x	x								
6	Technology transforming through informal HL at WMG level (Hazol, Modern Poultry Shad, Line swing, parching, IPM etc.)	8 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment and DRR issues	8 WMGs					x					x		
2	Increase women's involvement in decision making and leadership (especially in WMA) through CYS and general discussion with women and men)	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
3	Follow-up/review/informal training of catchment plan and WMA capacity building	8 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	8 WMGs & 1 WMA	x	x	x	x	x	x	x	x	x	x	x	x

D.8 Polder 47/4

Progress to end-June 2020

- 9 sluices repair work have completed and 13 sluices repair work will be carried over for next year. 2 new sluices are under construction, 80% progress. Out of 3 newly constructed Outlet, one has completed and 2 are ongoing. 10.500 km re-section and 5.190 km khal re-excavation works have done.
- Excavated 9952m field channel and installed 11-gated PVC pipe culvert by 14 WMG under SSWMI. 2390m field channel excavated, constructed 1000m small dyke and installed 10-gated PVC culvert under CAWM by 3 WMGs.
- Due to proper water management at the catchment and sub-catchment level by the WMOs, HYV of Aman rice have been cultivated in about 63% of land in last Aman season and even last rabi season have been planted in about 50% of land. Where due to saline water, at one time almost 100% of land was fallow during Rabi season.
- All 18 WMGs and 1 WMA have updated their WAP for the FY 2020-2021. Where emphasizing on crop synchronization, cultivated MV of rice, sub-catchment WM, resources mobilization, O & M, CA, IGA, Women Empowerment, linkage development with private and Govt. sectors.
- Halima Begum has been cultivating fish for the last 20 years by illegally cross dam in a Khal. On 15 April 2020, WMG members, local farmers and Union Land Officer jointly have removed cross dam.
- 3 WMGs have removed 5 cross dam from Khal and five WMGs have removed fishing net, Jhai from 2 sluices and khals with the administrative assistance from Balitoli UP and UNO, Kalapara.
- Two WMGs have made wooden fallboard for Outlet and Sluice Gate, Hetalbunia WMG constructed a wooden box culvert and three WMGs made three cross dams on khal.
- WMA of Polder 47/4 have organized one HL event for 32 WMA members on “Capacity Building of WMAs”. Where local UP Chairman & member were present.
- WMA has organized 4 drama shows successfully in the Polder area on “We are with Water Management”.
- O&M Agreement have been signed between WMA and BWDB.
- Organized 3 successful HL Event on CAWM activities, integrated homestead farming and Women empowerment with representatives from 6 WMGs.
- 18 WMGs have collected Tk.126395 as O&M funds from farmers.
- Installed Notice Board at 12 Sluice on awareness of Sluice Operation and Maintenance. Resulting reduced illegal use of Sluice.
- 350 farmers from 7 WMGs successfully cultivated vegetables in sac at water logged area as climate resilient technology from the assistance of Shushilan a local NGOs through innovation fund.
- Arranged a Day Observation on International Women Day by involving about 600 WMG members and community leaders.
- WMG and DAE jointly set 3 demonstration of Aus rice (Bridhan-48), 3 demo for BARI Mung-6 , 1 demo for each of Maize, Grass pea and Boro rice.

Annual Work Plan of Polder 47/4 with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (1 WMA X 6)	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	1 Nos.	X	x	x									
3	Annual General Meeting in WMA	1 Nos.	x	x	x	x								
4	Support to WMA for excution of O&M Agreement	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	1 WMA	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	1 WMA				x	x	x	x	x	x			
9	Ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	1 WMA					x	x	x	x				
11	Joint meeting with UP between WMA leader on WE	1 WMA					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	18 Catchments	x	x	x	x	x							
13	Support to O&M Sub-Committee and WMA to implement catchment level WM pand and O&M	18 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Assist to WMA to establish WMA Office room with furniture and Signboard	1 Nos.				x	x	x	x					
16	Organise Collective Action (Economic activity) in WMGs	18 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
17	Assist WMGs & WMA to improve performance	18 WMGs & 1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
18	Fund mobilize for O&M activities in WMGs	Tk. 55000	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
19	Women empowerment initiatives in WMAs and WMGs	8 WMGs & 1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
20	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	32 gatekeepers					x	x	x	x				
21	WMGs Action Plan (WAP) updated and execute	18 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
22	WMG's AGM and WAP approve	18 WMGs		X	x	x								
23	WMG Monthly meeting (18 WMGsx12)	216 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
24	Saving Collectionin in WMGs	Tk. 150000	x	x	x	x	x	x	x	x	x	x	x	x
25	Initiate Collective IGAs in WMGs	8 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
26	International day observation by polder level	2 Nos.					x				x	x		
27	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
28	Phasing out consultation meetinbg with WMGs and exit	18 WMGs										x	x	
29	Consultation meetinbg with WMA and exit	1 WMA												x
B.	Water Resources Management and Infrastructure Development													
1	Flood damage repair of Embankment	1km					x	x	x	x				
2	Khal Re-excavation work	12.200 km					x	x	x	x	x	x		
3	Sluice Repair Work	6 Nos.					x	x	x	x	x	x	x	x
4	Construction of Sluice	2 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
C.	Agriculture and Economic Development	0												
1	BG-TA FFS formation and conduction	4 Nos.		x	x	x								
2	Backstopping Old FFS (networking support)	62 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Baseline & Endline survey in FFS	4 Nos.	x			x								
4	FFS RF capacity building training and market visit	1 Nos.				x								
5	Field Farmers day observe in FFS	4 Nos.				x								
6	Planning Workshop for review that activities	1 Nos.					x							
7	Assist WMGs members for making modern poultry shed	18 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
8	Assist WMGs members for organise vaccination camp	18 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
9	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
10	Linkage meeting between WMOs and VC actors	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
11	Follow-up and support to Community led Fisheries	3 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management(CAWM)													
1	Consultation meeting with WMGs for selection CAWM	3 WMG	x											
2	Area/field selection finalization	3 WMG	x											
3	Facilitate & Assist CAWM activities	3 WMG	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSS)	3 WMG	x	x	x	x	x	x	x	x	x	x	x	x
5	Water Management Infrastructures Development	3 WMG	x	x	x	x	x	x	x	x	x	x	x	x
6	Assist to Sub catchment WM activities led by community	8 Sub-catchments	x	x	x	x	x	x	x	x	x	x	x	x
7	Increase women's involvement in CAWM	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
8	Crop cutting events festival	2 Nos.					x	x						
9	FFD/Crop cutting events and reporting	3 Nos.					x	x						
10	Assist to WMGs for Sub-catchment level WM problem	18 WMGs			x	x	x							
11	Small Scale Infrastructures scheme implementation	18 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigits	5 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	6 Nos.				x	x	x	x	x				
5	O&M awareness notice instalation at sluice site	10 catchments			x	x								
6	Technology transformation to WMGs through HL	18 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Aware WMOs on environment & DRR	18 WMGs					x					x		
2	Increase women involvement in decision making & leadership	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
3	Follow-up training on catchment plan & WMA capacity building	18 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist WMOs to take women empowerment initiatives	18 WMGs & 1 WMA	x	x	x	x	x	x	x	x	x	x	x	x

D.9 Polder 55/2A

Progress to end-June 2020

- 6.552 km re-sectioning of embankment, 3.82km khal re-excavation and 4 no. of sluice repair works have completed. Dharandi Sluice (4vent) and Bot-O-Char-Balikathi Outlet construction works are ongoing.
- 556m RCC pipe manufacturing work completed and handed over to WMOs are ongoing.
- Excavated 2240m field channel and installed 10-gated PVC pipe culvert under SSWMI. 160m field channel excavated and installed 6-gated PVC culvert under CAWM. Which will ensured proper sub-catchment level water management.
- Due to improved water management at the catchment and sub-catchment level, HYV of rice have been planted in about 55.08% of land in the last Aman season and it has been expected that HYV of rice will be planted in about 80% of land in the current Aman season. Even in the last Rabi season, Rabi Crops have been planted in almost 100% of the land.
- WMGs, O & M Catchment Committee and WMA jointly have cleaned weeds, removed slushy on both sides of Sluices, Grease, paint and plastering from all 12 sluices. As a result, Sluice Gate can be easily operated and lifespan has increased.
- WMA, Adabaria Union Parishad and DoF, Bauphal jointly have operated mobile court against illegal obstacles of khals in 5 different places. Kamlapur Union Parishad has been announced mikeing for removed fishing net/fish trap and illegal obstacles from khals, otherwise legal action will be taken.
- According to demand of WMG, UP has constructed six Box Culvert and BADDC, Patuakhali re-excavated Naptanir Khal (1km).
- WMG, WMA and collaboration with up removed five cross dam from 2-branch khal.
- 5 WMGs have excavated 1215m field drain through voluntary labor and 1 WMG installed 2 RCC pipe in paschimer cola.
- All 13 WMGs have collected tk. 61,500, 480 kg mung bean and 45-mound rice for O & M fund from WMGs members/non-members. Which used as salary as Sluice Gate Operator and infrastructure routine maintenance works.
- 1448 members of 13 WMGs collectively purchased agricultural inputs like 2280kg seeds, 4900kg fertilizer, 1237 packet pesticides, 550 kg fish feed, 343 ha land tillage and collectively sold 241 mound Mung bean, 1650 mound rice.
- WMGs in collaboration with FFS resources farmers (RF) organized informal Horizontal Learning events with the non-FFS members of WMG. As a result, 355 members have constructed 355 poultry shad. 540 members have improved/netting of 540 poultry shad and prepared 1396 no. of Hazol. Resulting family income has increased.
- DAE distributed 5kg BRRIdhan48 & 26, 30kg fertilizer to 150 members in Aus seasons and various vegetables seeds to 25 members of WMG. 7 Boro Rice, 7 Sunflowers, 5 Groundnuts and 6 Vegetables exhibitions in Rabi season.
- During the Corona Virus period, the WMOs distributed food items to the destitute members of WMGs, sprayed germicide in this area and conducted awareness meeting.

Annual Work Plan of Polder 55/2A with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A.	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (1 WMA X 6)	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	1 Nos.	X	x	x									
3	Annual General Meeting in WMA	1 Nos.	x	x	x	x								
4	Support to WMA for excution of O&M Agreement	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	1 WMA	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	1 WMA				x	x	x	x	x	x			
9	Ensuring attendance of Government, NGO and private sector representatives at issue-based WMA meetings	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	1 WMA					x	x	x	x				
11	Joint meeting with UP between WMA leader on WE	1 WMA					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	12 catchments	x	x	x	x	x							
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level WM plan and O&M	12 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Assist WMA to establish WMA Office with furniture and Signboard	1 Nos.				x	x	x	x					
16	Organise Collective Action in WMGs	13 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
17	Assist WMGs & WMA to improve performance	13 WMGs & 1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
18	Fund mobilize for O&M activities in WMGs	Tk. 85000	x	x	x	x	x	x	x	x	x	x	x	x
19	Women empowerment initiatives in WMAs and WMGs	13 WMGs & 1 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
20	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	20 gatekeepers					x	x	x	x				
21	WMGs Action Plan (WAP) updated and execute	13 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
22	WMG's Annual General Meeting (AGM) and WAP approve	13 WMGs		x	x	x								
23	WMG Monthly meeting (13 WMGsx12)	156 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
24	Saving Collectionin in WMGs	Tk. 120000	x	x	x	x	x	x	x	x	x	x	x	x
25	Initiate Collective IGAs in WMGs	13 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
26	International day observation by polder level	2 Nos.					x				x	x		
27	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
28	Phasing out Consultation meetinbg with WMGs & exit	13 WMGs										x	x	
29	Consultation meetinbg with WMA and exit	1 WMAs												x
B.	Water Resources Management and Infrastructure Development													
1	Repair of Lalar khal Sluice	1 Nos.					x	x	x	x				
2	Construction of Dharandi Sluice	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Construction of Char Boloykhathi Outlet	1 Nos.	x	x	x	x	x	x						
C.	Agriculture and Economic Development	0												
1	Backstopping Old FFS (networking support)	90 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Planning Workshop for review that activities	1 Nos.					x							
3	Assist to WMGs members for construction modern Poultry Shed	13 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist WMGs members for organizing vaccination camp	13 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
5	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	15 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
6	Linkage meeting between WMOs and VC actors	6 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
7	Follow-up and support to Community led Fisheries (CLF)	3 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)													
1	Consultation meeting with WMG for selection CAWM	1 WMG	x											
2	Area/field selection finalization	1 WMG	x											

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3	Facilitate & Assist CAWM activities	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSs)	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
5	Water Management Infrastructures Development	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
6	Assist to Sub catchment WM activities led by community	5 Sub-catchments	x	x	x	x	x	x	x	x	x	x	x	x
7	Increase women's involvement in CAWM	1 WMG	x	x	x	x	x	x	x	x	x	x	x	x
8	Crop cutting events festival	1 Nos.					x	x						
9	FFD/Crop cutting events and reporting	1Nos.					x	x						
10	Assist to WMGs for Sub-catchment level WM problem identification.	13 WMGs			x	x	x							
11	SSWMI/Small Scale Infrastructures scheme implementation	13 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	8 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	8 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigits	4 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	6 Nos.				x	x	x	x	x				
5	O&M awareness notice instalation at sluice site	7 Catchments			x	x								
6	Technology transforming through informal HL at WMG level	13 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment &DRR	13 WMGs					x					x		
2	Increase women involvement in decision making and leadership	1 WMA	x	x	x	x	x	x	x	x	x	x	x	x
3	Follow-up training of catchment plan and WMA capacity building	13 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist WMOs to take women empowerment initiatives	13 WMGs & 1 WMA	x	x	x	x	x	x	x	x	x	x	x	x

D.10 Polder 55/2C

Progress to end-June 2020

Polder 55/2C is a phase-II polder. All 2 WMAs and 16 WMGs of this Polder are motivated, active & efficient to perform their activities. Though COVID-19 has slowed down their activities during the last three months of the reporting period, they have achieved a remarkable progress in Polder development through water management. Besides WMOs initiatives, BWDB has completed 10.85 km long re-sectioning of embankment out of planned 16.33Km. BWDB also completed all planned 8.20 Km long re-excavation of Khal and repairing of planned 6 sluices. Apart these, it has started works of newly construction of 1 Outlet and 1 one-Vent sluice in this Polder of which 75% and 70% of progress respectively have been completed by June 2020. BWDB has also distributed 304 pieces each of 6 ft. long RCC pipe to the 16 WMGs which have been installed for smooth drainage of excess water.

WMGs have cleaned water hyacinth from total 8.0 km long part of their adjacent Khals, evacuated 8 cross-Bandh, removed huge "Kata" & Nets (By the help of UP, DoF & Admin.) from Khals, completed painting & plastering of 5 sluices, collected "Chain-Kappa" from XEN for all sluices for smooth water management in the Polder. They also completed 30 SSWMI (total 12.48 km drainage-Khal, 15 piped-culvert and 1 box culvert). Jointly completed 3 CAWM and Initiated 2 new CAWM activities. 1540 farmers were involved with Collective Action in crop production & selling, organized 50 Vaccination Camp through which 13,550 poultry birds have been vaccinated. 9 WMGs have organized 29 gender sessions and 16 WMG organized 40 court-yard meeting to aware Polder dwellers about man-women relationship. Developed partnership with UP, DAE, DoF, BWDB and LGED to perform water structure and social development activities.

Annual Work Plan of Polder 55/2C with timeline

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A.	Organization and Equitable Water Management													
1	Bi-monthly WMA meeting (2 WMA X 6)	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	WMA WAP preparation and approval in AGM	2 Nos.	X	x	x									
3	Annual General Meeting in WMA	2 Nos.	x	x	x	x								
4	Accompaniment support to WMA for excution of O&M Agreement	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
5	Provide support to WMA to implement their WAP	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
6	Increase WMA Funding	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
7	Assist in identification of unused khals and other resources under the WMA	2 WMAs	x	x	x	x	x	x						
8	Assist WMA to prepare application for Khal lease and submitted to concern Govt. department	2 WMAs				x	x	x	x	x	x			
9	Ensuring attendance of Govt, NGO and private sector representatives at issue-based WMA meetings	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
10	Assist to WMA for submitted application to BWDB, BADC and LGED for re-excavation of silted khal	2 WMAs					x	x	x	x				
11	Joint meeting with UP between WMA leader on WE	2 WMAs					x	x				x	x	
12	Assist to O&M Catchment Committee for updated O&M Catchment Plan	7 Catchments	x	x	x	x	x							
13	Provide Support to O&M Sub-Committee and WMA to implement Catchment level WM and O&M Catchment Plan Implementation	7 Catchments	x	x	x	x	x	x	x	x	x	x	x	x
14	Establish functional linkage & network of WMA with GO & PS, LGI	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
15	Organise Collective Action (Economic activity) in WMGs	16 WMGs	X	X	X	X	X	X	X	X	X	X	X	X
16	Continue assisting WMGs & WMA to improve performance	16 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
17	Fund mobilize for O&M activities in WMGs	Tk. 120000	x	x	x	x	x	x	x	x	x	x	x	x
18	Women empowerment initiatives in WMAs and WMGs	16 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
19	On Job training of Sluice Gate Operation and maintenance orientation for gatekeepers (Practical)	14 gatekeepers					x	x	x	x				
20	WMGs Action Plan (WAP) updated and execute	16 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
21	WMG's Annual General Meeting (AGM) and WAP approve	16 WMGs		x	x	x								
22	WMG Monthly meeting (16 WMGsx12)	192Nos.	x	x	x	x	x	x	x	x	x	x	x	x
23	Saving Collectionin in WMGs	Tk.150000	x	x	x	x	x	x	x	x	x	x	x	x
24	Initiate Collective IGAs in WMGs	16 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
25	International day observation by polder level	2 Nos.					x				x	x		
26	Monthly Polder Coordination Meeting	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
27	Phasing out Consultation meetinbg with WMGs and exit	16 WMGs										x	x	
28	Consultation meetinbg with WMA and exit	3 WMAs												x
B.	Water Resources Management and Infrastructure Development													
1	Khal Re-excavation works	5.500km					x	x	x	x	x	x		
2	Construction of Jangledanga drainage cum flashing Sluice	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Construction of Hira Gazir khal Box Outlet	1 Nos.	x	x	x	x	x	x						
C.	Agriculture and Economic Development	0												
1	BG-TA FFS formation and conduction	4 Nos.		x	x	x								
2	Backstopping Old FFS (networking support)	84 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Baseline & Endline survey in FFS	4 Nos.	x			x								
4	FFS RF capacity building training and market visit	1 Nos.				x								
5	Field Farmers day observe in FFS	4 Nos.				x								
6	Planning Workshop for review that activities	1 Nos.					x							
7	Assist to WMGs members for construction modern Poultry Shad	16 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
8	Assist to WMGs members for organizing Vaccination Camp	16 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
9	Set demonstrations of quality product from DAE and different private input companies using WMGs/RFs	12 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
10	Linkage meeting between WMOs and VC actors	8 Nos.	x	x	x	x	x	x	x	x	x	x	x	x

S.N	Task Name	Target	2020						2021					
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
11	Follow-up and support to Community led Fisheries (CLF)	1 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
D.	Community Agriculture Water Management (CAWM)/SSWMI													
1	Consultation meeting with WMG for selection CAWM	2 WMG	x											
2	Area/field selection finalization	2 WMG	x											
3	Facilitate & Assist CAWM activities	2 WMG	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to Farmer Field School (CAWM FFSs)	2 WMG	x	x	x	x	x	x	x	x	x	x	x	x
5	Water Management Infrastructures Development	2 WMG	x	x	x	x	x	x	x	x	x	x	x	x
6	Assist to Sub catchment WM activities led by community	6 Sub-catchment	x	x	x	x	x	x	x	x	x	x	x	x
7	Increase women's involvement in CAWM	7 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
8	Crop cutting events festival (large scale horizontal learning)	2 Nos.					x	x						
9	FFD/Crop cutting events and reporting	2 Nos.					x	x						
10	Assist to WMGs for Sub-catchment level WM problem identification.	16 WMGs			x	x	x							
11	SSWMI/Small Scale Infrastructures scheme implementation	16 WMGs	x	x				x	x	x	x	x	x	x
E.	Communication and Horizontal Learning													
1	Identification of good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
2	Fact sheet preparation of identified good practices	10 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
3	Organizing HL/experience sharing events/vigits	4 Nos.	x	x	x	x	x	x	x	x	x	x	x	x
4	Video show	6 Nos.				x	x	x	x	x				
5	Technology transforming through informal HL at WMG level	16 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
F.	Cross Cutting Issue													
1	Awareness meeting with WMOs on environment and DRR issues	16 WMGs					x					x		
2	Increase women's involvement in decision making and leadership	2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x
3	Follow-up training of catchment plan and WMA capacity building	16 WMGs	x	x	x	x	x	x	x	x	x	x	x	x
4	Assist to WMOs to take women empowerment initiatives	16 WMGs & 2 WMAs	x	x	x	x	x	x	x	x	x	x	x	x