

Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

[IDA Credit #5280-BD]

PROJECT COMPLETION REPORT



Submitted To



Project Director, CEIP-1

BANGLADESH WATER DEVELOPMENT BOARD (BWDB)

Panibhaban, Panthapath, Dhaka- 1205

Submitted By

**Joint Venture (JV) of Adarsha Manobseba Sangstha (AMS),
AID Organization (AO), and People's Development Institute (PDI)**

(Contract No. CEIP-1/A2 & B1/S1-E)



Coastal Embankment Improvement Project, Phase-1 (CEIP-1)
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Project Completion Report

Non-Governmental Organization (NGO) Services to Implement (a) Social Mobilization with Social Action Plan (incl. setting up WMOs); (b) Social afforestation and (c) Implementation of Integrated Pest Management (IPM) Plan for Polder No. 43/2C, Polder No. 47/2 & Polder No. 48 in Patuakhali District under CEIP-1

(Contract No. CEIP-1/A2 & B1/S1-E)

Submitted to

Project Director, Bangladesh Water development Board (BWDB)

Submitted by

On behalf of JV

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PROJECT BRIEF

Contract No:	CEIP-1/A2 & B1/S1-E
Project Title:	Coastal Embankment Improvement Project
Project Start Date:	May 2 nd 2019
Project End Date:	March 31 th 2022 (Including extended period)
Reporting Period:	May 2019 - March 2022
Project Budget:	BDT 28,370,270.00
Implementing Partner:	Joint Venture (JV) of AMS, AO & PDI
Project Area:	Galachipa and Kalapara upazila of Patuakhali District
Targeted Households:	12,124
Project Aim:	Increase the resilience of the entire population of Polder 43/2C, 47/2 & 48 in Patuakhali District. This resilience for protecting life & livelihoods as well as social capital from multiple hazards related to water management and natural;
Main Objective:	To support Bangladesh Water Development Board (BWDB) through managing and overseeing tasks of social mobilization, participatory scheme cycle management (PSM), participatory afforestation and integrated pest management practices in relation to the successful implementation of CEIP-1.
Specific Objectives:	<p>Specific Objective-1: Social mobilization incl. setting up WMOs for introduction of IWRM practices through preparation and implementation of Social Action plan through engagement of local communities and community;</p> <p>Specific Objective-2: Implementation of afforestation program especially in the fore-shore areas with ecologically appropriate species by adopting social forestation approach</p> <p>Specific Objective-3: Implementation of Integrated Pest Management (IPM) and Integrated Crops Management (ICM) practices</p>
Partner's Contact Person:	Md. Moniruzzaman , Executive Director, AO; Cell: 01718665198, E-Mail: aidorgbd@gmail.com

ACRONYMS

BFD	Bangladesh Forest Department
BWDB	Bangladesh Water Development Board
CEIP	Coastal Embankment Improvement Project
CO	Community Organizer
CST	Construction Supervision Team
DAE	Department of Agricultural Extension
DOE	Department of Environment
DOF	Department of Fisheries
DOL	Department of Livestock
FFS	Farmer Field Schools
FGD	Focus Group Discussions
GoB	Government of Bangladesh
ICM	Integrated Crop Management
IPM	Integrated Pest Management
IWRM	Integrated Water Resources Management
LCS	Landless Contracting Societies
MoU	Memorandum of Understanding
MOWR	Ministry of Water Resources
O&M	Operation and Management
PAP	Project Affected Persons
PMU	Project Management Unit
PRA	Participatory Rural Appraisal
PSM	Participatory Scheme cycle Management
TL	Team Leader
ToT	Training of Trainers
WMA	Water Management Association
WMC	Water Management Committee
WMF	Water Management Federation
WMG	Water Management Group
WMO	Water Management Organization
WMIP	Water Management Improvement Project
WMU	Water Management Unit

1. INTRODUCTION

1.1 Bangladesh's coastal zone is characterized by a delicately balanced natural morphology of an evolving flat delta subject to very high tides and frequent cyclones coming in from the Bay of Bengal. The coastal zone, in its natural state, used to be subject to inundation by high tides, salinity intrusion, cyclonic storms and associated tidal surges. In the 1960s, polderization began in the coastal zone of the country to convert this area into permanent agricultural lands. The polders in this area are enclosed on all sides by dykes or embankments, separating the land from the main river system and offering protection against tidal floods, salinity intrusion and sedimentation. The polders were designed to keep the land safe from the daily tide to allow for agriculture activities. These polders are equipped with in- and outlet sluice gates to control the water inside the embanked area.

1.2 Originally, the polders were not designed to protect the areas against storm surges. Recent cyclones and storm surges, however, have significantly damaged the embankments in many locations leading to breaches and problem of flooding. This, in turn, has resulted in reduced agricultural productivity, and widespread environmental degradation, and served to undermine efforts at poverty reduction in the coastal areas. In addition, a poor track record of maintenance has contributed to increased internal drainage congestion and heavy external siltation, which has led to salinity intrusion and reduced agricultural productivity. Finally, the weakened embankment systems will be less resilient to future cyclones and storm surges, leaving millions of coastal residents at risk.

1.3 The above reasons led the Government to re-focus its strategy on the coastal area from one that only protects against high tides to one that would provide protection against frequent storm surges as well. The long term objective of the Government is to increase the resilience of the entire coastal population to tidal flooding as well as natural disasters by upgrading the whole embankment system. With an existing network of nearly 5,700 km long embankments in 139 polders, the magnitude of such a project is daunting and requires prudent planning. Hence a multi-phased approach of embankment improvement and rehabilitation will be adopted over a period of fifteen to

twenty years. The proposed Coastal Embankment Improvement Project-I (CEIP-I) is the first phase of this long term program, and will upgrade and improve a total of seventeen polders over a six year period.

1.4 BWDB had completed feasibility level studies for improvement of performance of the polders in the entire coastal belt in 2013. A total of 17 polders were selected for urgent implementation, in Phase-1 with funding from the World Bank (WB). A consortium of national and international consulting engineering firms has been recruited for preparation of detailed design of engineering components and also be responsible for supervision of construction work. Another consortium of national and international consulting engineering firms has been engaged for independent checking of quality of work and monitoring of progress in construction work. Construction of the 17 polders will be taken up in 3 packages. Contract for construction of 4 polders under package-1 has been signed and field level works are currently under implementation. Contract for 6 polders will be implemented under package -2, that has been signed and work in field will be taken up very soon. Contract for rest 7 polders under package 3 will be processed at an early date. BWDB will implement (1) Social Mobilization with Social Action plan (incl. setting up WMOs); (2) Social afforestation and (3) Implementation of Integrated Pest Management (IPM) Plan in 5 contract packages for 10 Polders of works package 1 and 2.

1.5 The main objective of the “Contract Package No **CEIP-1/A2 & B1/S1-E** Consultancy service (NGO Services)” is to support the Bangladesh Water Development Board (BWDB) under CEIP-1. These activities are (a) Implementation of afforestation program especially in the fore-shore areas under social afforestation approach, (b) Social mobilization including setting up WMOs for introduction of ‘Integrated Water Resources Management (IWRM) practices through preparation of Social Action plan, and (c) Implementation of the Integrated Pest Management (IPM) Plan. Engagement with local communities on the project is considered integral to the successful implementation of the project’s components, and, thus, a reputable Non-Governmental Organization is sought to oversee and manage this work on behalf of the Bangladesh Water Development Board.

1.6 Background of the Progress Report:

Adarsha Manobseba Sangstha (AMS), AID Organization (AO), and People's Development Institute (PDI) has formed a JV for **Consulting Services of Coastal Embankment Improvement Project, Phase-1**. Mrs. Afroza Akbar, Executive Director, AMS has signed a contract with BWDB on 2nd May 2019 on behalf of JV, Contract No. CEIP-1/A2 & B1/S1-E for Consulting Services to Implement (a) Social mobilization with Social Action plan (incl. Setting up WMOs) (b) Social afforestation and (c) Implementation of Integrated Pest Management (IPM) Plan for Polder No. 43/2C, Polder No. 47/2 & Polder No. 48 in Patuakhali District. This Contract (hereinafter called the "Contract") is made the **day of 2nd May 2019**, between on the one hand, **Bangladesh Water Development Board** (hereinafter called the "**Client**") and, on the other hand, **JV of Adarsha Manobseba Sangstha (AMS), AID Organization (AO) and Peoples' Development Institute (PDI)** (hereinafter called the "**Consultant**").

As per contract with BWDB, project location and targeted household of the project are as follows:

Polder	Upzilla, District	Gross Area (ha)	Population	Construction Start Date	Major Intervention
P43/2C	Golachipa, Patuakhali	2753	14851	June, 2017 (Contract #2)	Embankment=25.53 Km Drainage Channel=24.55 Km Drainage Sluice=8 Nos Flushing Sluice= 14 Nos
P47/2	Kalapara, Patuakhali	2065	5411	June, 2017 (Contract #2)	Embankment=17.49 Km Drainage Channel= 11.46 Km Drainage Sluice= 4 Nos Flushing Sluice= 5 Nos
P48	Kalapara, Patuakhali	5400	26260	June, 2017 (Contract #2)	Embankment=38.09 Km Drainage Channel=41 Km Drainage Sluice=9 Nos Flushing Sluice= 3 Nos

The expected outputs / deliverable of the project are the: inception Workshop at district level, household census surveys, regular motivation campaign, group formation modalities and stakeholders list formation of catchment based about 25 WMGs, need-based participatory scheme assessment, review the policies/guidelines and relevant materials for development of modalities on capacity building, awareness, development of training modules and capacity building training, picture drama shows, regular courtyard meeting / discussion, regular meeting /learning by doing/troubleshooting with WMGs and WMA, regular need-based operation and discussion of schemes, selection of the beneficiaries for social afforestation, advocacy and meetings with stakeholders including forest department, field demonstration and trails on IPM, registration of 25 WMGs, participatory regular social monitoring and reports (quarterly, monthly, annual and event reports). Presenting final report and organize workshop covering overall outputs of the assignment at District Level.

Following interventions contributed in achieving expected outputs in the three specific objective's areas:

Social mobilization including setting up WMOs for introduction of IWRM practices through preparation and implementation of Social Action plan through engagement of local communities and community groups for PSM and participatory O&M of schemes:

Polder 43/2C Galachipa, Patuakhali, 47/2 & 48 Kalapara, Patuakhali includes catchment area of 10,218 ha. Lives 12,175 farm family (55,526 total actual populations) in the designed polder area. After proper mobilization of stakeholders 9,050 members are enrolled in 25 different WMG which is about 75% of total family. With the participation from the newly established 25 WMG, 03 WMA is formed following Participatory Water Management Rules-2014. All 25 WMG and WMA registered with DCEO, Barisal. Bilateral- Agreement signed between 25 WMG / WMA and SFG for better functioning of the WMG. In 106 batch 2036 WMG member trained to develop their capacity and skill to enable them Project Cycle Management and participatory Operation and Maintenance of polder structures.

Implementation of afforestation program by adopting social afforestation approach:

The polder 43/2C, 47/2 & 48 designed 81.11 Km embankment within two upozila

Golachipa & Kalapara jurisdictions. The task approach of embankment, fore-shore areas afforestation with appropriate species agreed with Forest Department. The giant task of awareness & mobilization of people for afforestation were done by many meeting & vigorous vigilances of forestry expert at polder area. The 25 Social Forestry Group were formed in 81.11 Km. All WMG's afforestation sub-committee and Social Forestry Group (SFG) were formed. 1425 beneficiaries are enrolled from the targeted people for afforestation program and training program. Total 600 beneficiaries were trained on Social Afforestation. Now they actively ready for embankment afforestation. An approach of agreement preparation, contract materials are not furnish-able so it's to be preparing at complete embankment site when it hands over to Forest department.

Implementation of Integrated Pest Management (IPM): IMP technological practical demonstration was provided to 213 farmer's intern they disseminate IMP technology to other farmers. IPM demo farmer's information's were collected and 210 farmers selected from 25 WMGs and also finalize the different categories of IPM demo farmers list. All types of IPM demos are executed in farmer's fields. During different WMG members meeting, ToT training, field visit benefits of IMP technology was discussed and motivated for use of IMP technology.

Final workshop with the stakeholders: The district level '**Final Workshop**' of the assignment under contract No. CEIP-1/A2 & B1/S1-E, the JV of AMS, AO & PDI organized in a be-fitting manner on **31st March, 2022** at Patuakhali Press Club conference room with an objective to share overall experience, outputs and learnings of the field level implementation of the specific three components of the assignment with the stakeholders of the polder# 43/2C, 47/2 & 48 Patuakhali and to get their valuable feedback for better functioning of the WMG formed around the polder. Total 65 participants from the different stakeholders participated in the workshop.

Finally, we would like to opine that, the WMO formation may be completed during planning stage so that stakeholders can participate from early stage of project. Continuation of NGO support at least two years after physical structure completion of project may be more useful to build WMO as potential organization for development of farmer's skill and knowledge to implement social forestry and IPM and other life changing economic activities.

2. PROGRESS AND ACHIEVEMENT

Targeted Activities: D1. Project Start-up Stage

■ Targeted Activities-1. Recruitment and Mobilization of Team Progress and Achievements

JV of AMS, AO & PDI deployed and mobilized a eighteen (18) member's key and non-key project staff team for smooth implementation of the activities and achieving the outcome. The team consists of 1 Team Leader, 1 Deputy Team Leader, 1 Social Forestry Specialist, 1 IPM Specialist, 1 Agronomist, and 7 Community Organizers. Moreover, JV team has been taken need-based necessary support from the program head/unit/cells of JV. The head office of JV also involved project management includes regular communication with PMU CEIP-1 and the project office for smooth implementation of the project activities. The mobilization of our key, non-key and support staff is shown in

Table 1.

Table-1: List of Key, Non-key and Support Staffs

SN	Name	Replace of	Designation	Joining Date	Ending Date
01	Prof. Badiuzzaman	NA	Team Leader	12/05/2019	31/03/2022
02	Md. Ruhul Amin	NA	Deputy Team Leader	12/05/2019	31/10/2020
03	Dr. Md. Alamgir Kabir	NA	Social Forestry Specialist	12/05/2019	24/02/2021
04	Rr. Hemayet Jahan	NA	IPM Specialist	12/05/2019	24/02/2021
05	Dr. A.S.M Iqbal Hussain	NA	Agronomist	12/05/2019	24/02/2021
06	Md. Masukur Rahman	NA	Community Organizer	12/05/2019	24/02/2021
07	Md. Mansur Rahman	NA	Community Organizer	12/05/2019	28.02.2021
08	Md. Jannatul Naim	Md. Mansur Rahman	Community Organizer	01/03/2020	24/02/2021
09	Sohel Sikdar	NA	Community Organizer	12/05/2019	24/02/2021
10	Rahul Chandra Saha	NA	Community Organizer	12/05/2019	28/02/2021

11	Golam Rasul Sabuj	Rahul Chandra Saha	Community Organizer	01/03/2020	24/02/2021
12	Mubassarah Munijirin Sazmi	NA	Community Organizer	12/05/2019	31/08.2019
13	Anika Tabassum	Mubassarah Munijirin Sazmi	Community Organizer	01/09/2019	24/02/2021
14	Sherity Hasna	NA	Community Organizer	12/05/2019	31/08.2019
15	Marufa Yesmin Katha	Sherity Hasna	Community Organizer	01/09/2019	24/02/2021
16	Md. Foysal Alam	NA	Community Organizer	12/05/2019	31/08.2019
	Tanvir Hasan Swadhin	Md. Foysal Alam	Community Organizer	01/09/2019	24/02/2021
17	Md. Ayub Ali	NA	Office Manager (Admin cum Accounts Officer)	12/05/2019	24/02/2021
18	Md. Fuyad Kamal	NA	Office Assistant	12/05/2019	30/11/2019
19	Arif ur Rhaman	Md. Fuad Kamal	Office Assistant	01/12/019	24/02/2021
20	Rubi Akter	Md. Borhan Uddin Rabbani	Peon	01/09/2019	24/02/2021
21	Benoy Chandra Mondol	NA	Guard	12/05/2019	24/02/2021
22	Md. Alauddin	Md. Dulal	Guard	01/08/2019	24/02/2021
23	Farida Yasmin	Md. Anowar Hossain Khan	Peon	01/09/2019	24/02/2021

A preliminary orientation program has conducted in the field office at Golachipa on 07 May, 2019. The participants of the meeting introduced themselves at the starting of the meeting. TL has given speech on the project overview and activities of the first month to the team. JV representatives have present at the orientation.

- **Targeted Activities-2. Set up office and purchase equipment**
Progress and Achievements

According to the contract with client JV rented two project's office located at Golachipa and Kalapara upazila of Patuakhali. Detail locations of both the offices are given below:

Golachipa Office:

House No-558, Feeder Road, Word NO-8

Upazila: Golachipa, Patuakhali

Kalapara Office:

Alom Villa, Holding No-59/1, Sobujbagh

Upazila: Kalapara, Patuakhali.

The surrounding environment of office is work-friendly and out of noise and public gathering. All the office equipment defined in our contract shown in **Table-2** has been rented and installed. Office transport has been organized with renting 04 nos motorbikes for community organizers and need based transport service for key staffs. Those offices are equipped with necessary desks, chairs, computers, internet connections, printers, scanners and other necessary equipment's for carrying out office activities on regular basis. In those offices, JV staffs have organized meeting with BWDB and other consultants of the CEIP-1 project as and when needed.

Table-2: The Equipment and Furniture Rented for Offices

#	Particulars	Quantity
Name of Equipment		
1	Desktop Computer	04
2	Laser Printer	04
3	UPS	04
4	Laptop	01
5	Photocopier Machine	02
6	Scanner	02
07	Digital Camera	02
Furniture		
1	Secretariat Table (Big)	02
2	Secretariat Table (medium)	02
3	Computer Table	02
4	Chair (Armed, Normal Chair & Revolving)	15
5	Steel Almirah	02
6	File Cabinet	02
7	Wooden self	02
8	Conference Table (12' x 8')	02
9	Ceiling Fan	08

- **Targeted Activities-3. Collection and analysis documents, data, report, Map & infrastructure list**
Progress and Achievements

Meeting with concerned officials: Executive Directors of JV and project staffs have communicated with Deputy Commissioner, Patuakhali; Executive Engineer of BWDB, Patuakhali; Upazila Nirbahi Officer of Kalapara and Galachipa, UP Chairman and Member of project area time to time for smooth running and involve them in the project activities. Concerned officials and people of all professions have been introduced and informed the project activities properly by JV.

Collected list of household from concerned Union Parishad: Project staffs of JV have collected household lists from the Union Parishads under project areas for getting ideas, baseline survey and WMG formation.

Base line survey; data collection of household census survey: Hand making and other promotional activities have been taken at public places, bazars and local hatdays for awareness rising and inform about household survey by the JV. Distributing leaflets and speeches about household survey in educational institutions and monthly adjustment meeting of UPs.

Initially it was planned and decided to survey 100% households of all the three polders. The households were selected randomly by the data enumerators. The data enumerators were asked to conduct survey on the household heads and collect all necessary information from him. Consequently, all the households residing the polder 43/2C, polder 47/2 and polder 48 have been covered with the household survey by random sampling techniques.

Collection & analysis of documents and mapping: The team of assignment has collected polder wise map from BWDB office. These maps have been analyzed and divided into several sections consultation with stakeholders, beneficiaries, UP representatives and people of all professions. The results from the mapping are mentioned bellow:

- Social mapping: Length of embankment, social and educational institutions and probable WMG area are indicated under the Polder;
- Infrastructure display map: This map directions the location of slice gate, inlet, outlet and canal;
- WMG sharing map: It shows how many villages there are in an area where the water flows;
- Householder of WMG: 75% of members have a chance to get admission;

- Polder wise WMG: Determine which villages and household are in a WMG;
- WMG's infrastructure: It is known in which direction the water flows in the direction of the water which is helpful in increasing the production.

The Team assigned has been arranged 26 mapsharing meeting with different professionals in different venues of 3 polders. Date wise mapsharing meetings information are as follows:

SN	Date	Polder No	Venue	No. of Participants
01	21.11.2020	47/2	Rasulpur, Kalapara, Patuakhali	30
02	22.11.2020	47/2	Mirpur Shopnochoya, Kalapara, Patuakhali	26
03	22.11.2020	43/2c	Shuri 2 nd Part, Kalapara, Patuakhali	37
04	23.11.2020	47/2	Payerpur, Kalapara, Patuakhali	19
05	06.12.2020	48	Charchapli Govt. Parimary School	20
06	25.12.2020	48	Masud Mridar Bari, Kalapara, Patuakhali	23
07	30.11.2020	48	Chapali Vazar, Kalapara, Patuakhali	15
08	10.12.2020	48	Milon Howlaser Bari, Kalapara, Patuakhali	21
09	23.11.2020	43/2c	Purbo Golkhali, Galachipa, Patuakhali	36
10	24.11.2020	43/2c	Boro Garbua, Galachipa, Patuakhali	34
11	19.11.2020	47/2	Mirpur Govt. Primary School	17
12	21.11.2020	43/2c	Golkhali, Galachipa, Patuakhali	42
13	01.03.2020	48	Khajura, Kalapara, Patuakhali	22
14	25.02.2020	48	Maightvanga, Kalapara, Patuakhali	26
15	04.03.2020	48	Nabinpur, Kalapara, Patuakhali	20
16	01.02.2020	48	Dhuleshor Union Parishad, Kalapara, Patuakhali	21
17	02.03.2020	48	Goramkhola, Kalapara, Patuakhali	19
18	09.03.2020	48	Goramkhola, Kalapara, Patuakhali	30
19	02.02.2020	47/2	Nurpur, Kalapara, Patuakhali	18
20	22.02.2020	47/2	Payerpur, Kalapara, Patuakhali	13
21	22.12.2019	43/2c	Boro Gabua, Galachipa, Patuakhali	36
22	21.12.2019	43/2c	Chot Gabua, Galachipa, Patuakhali	44
23	11.02.2020	48	Borohor Para, Kalapara, Patuakhali	18
24	08.12.2019	48	Azimpur, Kalapara, Patuakhali	18
25	12.02.2020	48	Tulatoli, Kalapara, Patuakhali	18
26	10.02.2020	48	Musahliabad, Kalapara, Patuakhali	18

Under this activity JV AMS, AO & PDI has organized 42 Court Yard Meetings with beneficiaries of the project in different areas under 3 Polders for better participation and sharing. Polder wise court yard meetings information is mentioned bellow:

Polder	Date	Venue	No. of Participants
48	08.11.2020	Farsipara, Kalapara, Patuakhali	12
	07.11.2020	Asalatapara, Kalapara, Patuakhali	12
	10.11.2020	Hosenpara, Kalapara, Patuakhali	12
	12.11.2020	MisriPara, Kalapara, Patuakhali	12
	05.11.2020	Donku Para, Kalapara, Patuakhali	12
	11.11.2020	Khajura, Kalapara, Patuakhali	12
	07.11.2020	Dhularshar Union Parishad, Kalapara, Patuakhali	15
	03.11.2020	Masud Mrida Bari, Kalapara, Patuakhali	15
	04.11.2020	Goramkhola Mujnbar Bari, Kalapara, Patuakhali	12
	09.11.2020	Azimpur, Kalapara, Patuakhali	12
	05.12.2019	Chapli Vazar Duleshor, Kalapara, Patuakhali	15
	04.12.2019	Duleshor Union Parishad, Kalapara, Patuakhali	15
	06.12.2019	Chargougamoti, Kalapara, Patuakhali	17
	02.12.2019	Asakhali, Kalapara, Patuakhali	18
	03.12.2019	Takerpur, Kalapara, Patuakhali	20
	02.12.2019	Musulliabad, Kalapara, Patuakhali	18
	01.12.2019	Goramkhola, Kalapara, Patuakhali	14
	24.02.2020	Alipur, Kalapara, Patuakhali	20
	05.01.2020	Mondipara, Kalapara, Patuakhali	10
	12.01.2020	Panjupara, Kalapara, Patuakhali	10
	13.01.2020	Natunpara, Kalapara, Patuakhali	11
	14.01.2020	Tulatoli, Kalapara, Patuakhali	12
	15.01.2020	Misripara, Kalapara, Patuakhali	12
	19.01.2020	Kualeata, Kalapara, Patuakhali	10
	21.01.2020	Donkupara, Kalapara, Patuakhali	10
	22.01.2020	Farsipar, Kalapara, Patuakhali	10
	29.01.2020	Hosenpara, Kalapara, Patuakhali	10
47/2			
	09.11.2020	Payerpur, Kalapara, Patuakhali	12
	11.11.2020	Meherpur, Kalapara, Patuakhali	12
	08.11.2020	Purbo Fulbunia, Kalapara, Patuakhali	13
	04.11.2020	Dalbugonj, Kalapara, Patuakhali	12

	05.11.2020	Payerpur, Kalapara, Patuakhali	11
	10.11.2020	Dalbuginj, Kalapara, Patuakhali	12
	03.11.2020	Jamalpur, Kalapara, Patuakhali	13
43/2c	05.11.2020	Bauria Charani, Galachipa, Patuakhali	18
	03.11.2020	Char Hoideppur, Galachipa, Patuakhali	19
	06.11.2020	Golkhali, Galachipa, Patuakhali	16
	08.11.2020	Boro Gabua, Galachipa, Patuakhali	17
	10.11.2020	Bador Pur, Galachipa, Patuakhali	13
	11.11.2020	Choto Gabua, Galachipa, Patuakhali	13
	07.11.2020	Kalirchar, Galachipa, Patuakhali	18
	09.11.2020	Golkhali, Galachipa, Patuakhali	18

■ **Targeted Activities-4. Reconnaissance Visit**
Progress and Achievements

The Team Leader, Deputy Team Leader, Social Forestry Specialist, Agronomist, IPM Specialist and Community Organizers have been stationed in the areas under Polder No. 48, 47/2 and 43/2C to determine the activities. and all concerned have determined the catchments area. They visited the catchments area to determine the beneficiaries and held map sharing meetings, courtyard meetings and core group meetings with locals. They visited and checked the polder based map and determined the catchments area. They also hire survey staff to identify beneficiary lists and monitor survey activities properly. Mr. Md. Monirul Alam Sarkar, Deputy Chief Extension Officer, Water Development Board, Barisal visited the working area from 03/09/2019 to 06/09/2019. He modified the catchments area and finally fixed a total of 25 catchments areas in 3 polders. The JV team has organized 20 core groups meeting in different unions under 3 Polders. Date wise Core group meetings information is as follows:

Date	Polder No	Venue	No. of Participant
03.11.2020	48	Latachapli Union Parishad, Kalapara, Patuakhali	35
04.11.2020	48	Tulatoi Govt. Primary School, Kalapara, Patuakhali	35
18.11.2020	47/2	Dalbugonj High School, Kalapara, Patuakhali	30

17.11.2020	47/2	Payerpur, Kalapara, Patuakhali	41
03.11.2020	47/2	Dalbugonj, Kalapara, Patuakhali	29
04.11.2020	47/2	Dlulershor Union Parishad, Kalapara, Patuakhali	29
11.11.2020	48	Might Vanga, Kalapara, Patuakhali	40
15.11.2020	43/2c	Choto Fabua, Galachipa, Patuakhali	30
16.11.2020	43/2c	Boro Gabua, Galachipa, Patuakhali	21
16.11.2020	48	Latachapli Union Parishad	35
17.11.2020	43/2c	West Golkhali, Galachipa, Patuakhali	19
18.11.2020	43/2c	Suhri 2 nd part, Galachipa, Patuakhali	28
05.01.2020	43/2c	Golkhali, Galachipa, Patuakhali	26
08.01.2020.	43/2c	Kalirchar, Galachipa, Patuakhali	23
07.01.2020	43/2c	Purbo Golhaki, Galachipa, Patuakhali	23
26.02.2020	48	Mait Vanga, Kalapara, Patuakhali	38
18.02.2020	48	Alipur, Kalapara, Patuakhali	41
04.02.2020	48	Khajura, Kalapara, Patuakhali	39
09.02.2020	48	Lozki Bazar, Kalapara, Patuakhali	39
02.02.2020	48	Musulliabad, Kalapara, Patuakhali	29

Targeted Activities: D2. Initial Planning and Survey/ Participatory Scheme Assessment

■ Targeted Activities-4. Define Water Management Units Progress and Achievements

After transact walk throughout the polder area and based on (proposed) drainage sluice-gate, the team has prepared 25 WMU (draft). The controlled area of flashing sluice has included on the basis of linkage in-between nearest drainage sluice-gate. According to that ground a total 25 WMUs are defined in the polders. The polder team has been followed PRA to define WMUs. The team moved to each branch canals of drainage sluice gate and flashing sluice gate canals using transact walk techniques of PRA. They have drawn a primary map of each WMU showing controlled area of each WMU including canals, habitat and crop field with help of project map, Google earth website and consultation with members and secretary of union Council. The polder team has been conducted Participatory mapping for defining WMU. In this session, placed the primary map and the participants has provided their opinion on the map. The polder team understood the gaps of their primary map. Further the polder team visited area which indicated by the participants of Mapping session and finally, the polder team has been drawing a final WMU map with the legends and information of population and

administrative unit. In this process, we found initial number of households and administrative unit which is important for the next activities. Following Table shows the primary data of 25 WMUs.

Polder	Union, Upazila & District	Name Village	No. of Households	Total
43/2C	Golkhali Golachipa, Patuakhali	Big Gabua	741	4076
		Bodorpur	256	
		East Golkhali	668	
		Golhali	748	
		Horidebpur char	260	
		Kalir char	355	
		Kismot Horidep pur	49	
		Small Gabua	403	
		Suhuri 1 st part	41	
		Suhuri 2 nd Part	182	
		Suhuri Nich Char	304	
	Amkhola, Golachipa, Patuakhali	Vauria Char Ani	69	
47/2	Dalbuganj, Kalapara, Patuakhali			1189
		Dalbuganj	164	
		Farsi Para	94	
		Fulbunia	175	
		Jamalpur	70	
		Meherpur	258	
		Mirpur	153	
		Nurpur	58	
		Peyarpur	126	
		Ramjanpur	72	
		Rasulpur	19	

48	Dhulasar, Kalapara, Patuakhali	Borhor Para	36	6910
		Chapli	12	
		Char Chapli	542	
		Char Dhulashar	67	
		Dhulashar	10	
		Kauar Char	138	
		New Para	401	
		West Chapli	177	
		West Dhulasar	123	
48	Kuakata, Kalapara, Patuakhali	Kochchop Para	25	
		Farsi Para	199	
		Hosen Para	187	
		Khajura	203	
		Kochchop khali	58	
		Kuakata	198	
		Melapara	92	
		Monglepara	8	
		Nobinpur	282	
		Panjupara	75	
		Tulatoli	48	
		Talatoli Noyapara	39	
		West Kuakata	101	
	Lotachapli, Kalapara, Patuakhali	Adalotpara	127	
		Ajimpur	343	
		Alipur	278	
		Bahamkanda	26	
		Char Chapli	30	
		Dior Amkhola	401	
		Donku Para	105	
		Dovashi Para	5	

		Gora Amkhola	124	
		Horidebpur Char	18	
		Kalaya Para	33	
		Khajura	413	
		Kuakata	97	
		Maitvanga	210	
		Melapara	38	
		Misri Para	186	
		Mombi Para	191	
		Musulli Buth	510	
		Naiuri Para	97	
		New Missripara	104	
		New Para	27	
		Panjupara	102	
		Pouro Khaja	59	
		Punam Para	35	
		Taje Para	144	
		Thonju Para	72	
		Tulatoli	114	
03 Polders	06 Unions	70 Villages	12,175 Households	

■ **Targeted Activities-5. Identify Key Problems and Improvement Options of Scheme Progress and Achievements**

Embankment and Hydrological Structures of polders is under construction. Local roads are also not in good condition resulting social mobilization and other motivation works more time consuming. Implementation of physical works facilitated movement and other social mobilization activities. Team leader (TL) met with Executive Engineer, Patuakhali, BWDB and discussed about the activities of assigned team of JV. He welcomes to work in the field. TL and DTL and Community Organizers visited field and introduced themselves with local people of visiting area. Due to rainy session and high tidal action & COVID 19 pandemics, door to door enrolment task hampered. An important challenge for proper implementation and improvement of participatory

scheme cycle management (PSM) is in short duration to implement under the contract period.

There was a problem with the demarcation of the catchments area, some members of one catchments area were in another catchments area. Catchments area has been determined through discussion meeting of each catchments area.

■ **Targeted Activities-6. Conduct Household Census Survey**
Progress and Achievements

Hand maiking and other promotional activities have been taken at public places, bazars and local hatdays for awareness rising and inform about household survey by the JV. Distributing leaflets and speeches about household survey in educational institutions and monthly adjustment meeting of UPs.

Initially it was planned and decided to survey 100% households of all the three polders. The households were selected randomly by the data enumerators. The data enumerators were asked to conduct survey on the household heads and collect all necessary information from him. Consequently, all the households residing the polder 43/2C, polder 47/2 and polder 48 have been covered with the household survey by random sampling techniques. Distribution of sample for baseline survey is mentioned bellow:

Polder	Total Area (ha)	Total Population (Estimated)	Total Population (Actual)
P43/2C	2,753	14,851	21,694
P47/2	2,065	5,411	5,302
P48	5,400	26,260	28,530
Total	10,218	46,522	55,526

Twenty two survey workers/enumerators have been recruited and trained them properly to complete the household survey. Information of Orientation Program for Data Enumerators is as follows:

Polder	Upazila	Date	No of Participants
43/2C	Galachipa	16/07/2019	07

47/2 & 48	Kalapara	17/07/2019	15
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Polder wise recruited number of survey workers is mentioned bellow:

Polder	Upazila	Number of Survey Worker
47/2	Kalapara	07 Persons
48	Kalapara	08 Persons
43/2C	Galachipa	07 Persons

Upazila wise list of twenty two survey workers/enumerators who have worked for survey and data collection are as follows:

SN	Name and Father/Husband	Address	Upazila	No. of Household Surveyed
1	Most. Rifat Jahan Shemu Md. Yakub Ali	Haridebpur, Char Golkhali	Galachipa	370
2	Asma Akter Md. Asraf Ali	Haridebpur, Char Golkhali	Galachipa	375
3	Eti Akter Md. Salam Hawlader	Purba Golkhali, olkhali	Galachipa	380
4	Tanzila Akter Wahab Hawlader	Char Gabuya, Golkhali	Galachipa	380
5	Most. Mahinur Akter Md. A. Roab Fakir	Badarpur, Golkhali	Galachipa	380
6	Renis Akter Md. Bellal Hossen	Kalir Char, Golkhali	Galachipa	375
7	Mst. Jhumur Akter Md. Abul Farazi	Golkhali, Galachipa	Galachipa	390
8	Mukta Moni Harun Sharif	Naiwari Para, Kuakata	Kalapara	380
9	Chonene Lamonchig Rakhain	Goraamkhola, Kuakata	Kalapara	375
10	Khenchone Lamonchig Rakhain	Goraamkhola, Kuakata	Kalapara	375
11	Mohona Mostafa Mollah	Azimpur, Kuakata	Kalapara	375
12	Jema Chochingse	Goraamkhola, Kuakata	Kalapara	380
13	Md. Roni Mridha Md. Atahar Mirdha	Charchapli, Dulassar	Kalapara	370
14	Md. Wagaula	Charchapli,	Kalapara	375

	Md. Nazmul	Dulassar		
15	Nusrat Sharmin Md. Aluddin Sikder	Dulbugonj, Kalapara	Kalapara	380
16	Rezuna Akter Md. Harun Sikder	Dulbugonj, Kalapara	Kalapara	375
17	Hemail Sikder Md. Rafiqul Islam	Dulbugonj, Kalapara	Kalapara	370
18	Md. Shohag Sikder Md. Barek Sikder	Dulbugonj, Kalapara	Kalapara	380
19	Salma Md. Abdus Salam	Dulbugonj, Kalapara	Kalapara	380
20	Khoukumoni Md. Ibrahim Mia	Charchapli Dulassar	Kalapara	380
21	Eva Akter Delowar Hossain	Charchapli, Dulassar	Kalapara	375
22	Mafuza Md. Badsha Mia	Alipur, Kuakata	Kalapara	380

Household census survey have been started from 01 June 2019 and completed by 31 December 2019. JV representatives, Team Leader and Community Organizers have helped and monitored the survey activities regularly. A prescribed format for survey has been provided by BWDB. Polder wise number of household reported from the survey is as follows:

Polder	Upazila	Number of Household
47/2	Kalapara	1,189
48	Kalapara	6,910
43/2C	Galachipa	4,076
Total		12,175

The team of enumerators has conduct household census survey within the villages belong to each WMUs for preparing beneficiaries and stakeholders list, and collected socio-economic data. 100% households have been surveyed with the support and supervision of Community Organizer and JV representatives. Different information have been known under the Polders from the household census survey like as- details idea about unions and villages; number of household; number of family members with ages; occupation of householder; determine the quality of education; get the idea of land; living standard of the people; catchments area of slice gate; educational institutions; agricultural land and farmers; home and dwelling houses; source of water and drinking

water; situation of electricity; traveling, transportation and communication with road condition; situation of food security; condition of livestock; income expenditure of the families; health and nutritional status; source and use of fuel; economical classes of the people; all kinds of obstacles; social forestry; any other NGOs working in the areas; environmental pollution and its source; knowledge of beneficiaries about the benefits of polder, embankment and other infrastructure.

JV has completed the Household Census Survey in 71 villages of 6 Unions under 3 Poldes. Details are given bellow:

Polder	Union	No. of Village	No. of Households
43/2C	Amkhola	01	69
	Golachipa	11	4007
47/2	Dalbuganj	10	1189
48	Dhuleshar	08	1506
	Kuakata	14	1515
	Latachapli	27	3889
Total	06	71	12175

JV has conducted a software developer consultancy firm 'Center for Research and Consultancy in Development', 57/A, CRP Road, Chapain, Savar, Dhaka for develop data entry software. Survey data entry and analysis has completed soon then it has been reported to the client.

■ **Targeted Activities-7. Conduct Inception Workshop at District Level** **Progress and Achievements**

The drainage and Flashing sluice, Drainage channel and the embankment are to be manage by the household of the polder according to Govt. Rules & Regulation i.e., Participatory Water Management Rules-2014. Three Water Management Organization (WMO) to be formed with the people participation. For this purpose, BWDB contracted with JV of AMS, AO & PDI for WMO formation in the polder 43/2C, 47/2 & 48 and the task to execute: (1) Social mobilization with Social Action plan station including setting up Water Management Organizations (WMOs); (2) Implementation of Afforestation

Program especially in the fore-shore areas with ecologically appropriate species by adopting social afforestation approach and (3) Implementation of the Integrated Pest Management (IPM) practices.

An **inception workshop** was conducted on **21 August 2019** at Conference Room of Patuakhali DC Office for disseminating about the polders facilities, WMO activity, polder effect, afforestation in embankment & benefits, IPM practice and participation of polder people by a presentation to the stakeholder.

The meeting was chaired by Khan Md. Waliuzzaman, Exchange Engineer, Patuakhali Water Development Board.

Mr. Md. Matiul Islam Chowdhury, Deputy Commissioner, Patuakhali was present as the Chief Guest.

The special guests were:

- Mr. Md. Mamunur Rashid, ADC Revenue, Patuakhali;
- Mr. Md. Aminul Islam, District Forest Officer, Patuakhali;
- Mr. Md. Hemayet Uddin, DD, LGED, Patuakhali;
- Mr. Md. Hafizur Rahman, Assistant Engineer, BADC, Patuakhali.

Various Divisional Officers of Patuakhali District, Kalapara and Galachipa Upazilas, Executive Heads of Project Implementation Partners, Team Leader, Deputy Team Leader, Project Experts, Chairman of various Unions, Members and Beneficiaries were present at the meeting.

Mrs, Afroza Begum, Executive Director of Adarsh Manabseba Sangstha (AMS) discussed the aim, objectives and activities of the project. The detailed activities of the project were presented by the Team Leader, Professor Dr. Badiuzzaman. A total of 150 people were present at the meeting.

Every one interacts about the subject of the project inception workshop and contributed their knowledge (grass root level farmers, Chairman, Member) given attention to the workshop participants for mitigation and land acquisition and its valuation fixing. All the participants opined that the construction of embankment and hydrological structure need to be completed as soon as possible for early betterment of polder people.

■ **Targeted Activities-8. Develop Implementation Manual for PSM**
Progress and Achievements

Tram leader and Deputy Team Leader were developed implementation manual both Bangla and English for PSM in the second month of work schedule with the assistance of PMU, CEIP-1. It was followed by the project personnel during implementation.

■ **Targeted Activities-9. Prepare IEC Materials e.g, Leaflet**
Progress and Achievements

According to the contract with BWDB, the JV of AMS, AO & PDI has printed Project Brief (Bangla-2500 & English-500), Poster-5000, Leaflet-5000 and Sticker-2000 from Kalapara Digital Sign, Kalapara, Patuakhali. JV team is distributed these IEC materials in the project areas. Details are given bellow:

Project Brief: In order to inform the people about the project, JV has printed and distributed illustrated color project briefs of 2500 in Bangla and 500 in English. According to the instruction of PMU, it mentions the name of the project, introduction, objective, polder information, activities and outcomes. The size and design of the leaflet has been approved by PMU. English and Bengali Project Brief have been distributed properly by the team of assigned. The Project brief (Bangla) & distributed among the ad-hoc committee meeting participant, Market people, Transport movement people, All Upazila offices, Union council offices, Children of schools etc. The Project brief (English) distributed among the literate people, Foreigner, All Upazila offices, Union council offices etc.

Poster: Posters have been put up in the project area to motivate the people of the working area to form water management groups, social forestry groups and integrated crop management groups. Six types of 5000 illustrated color posters have been printed with the approval of PMU, CEIP-1. Posters have been affixed in 3 polders by day labor. The Poster hanging places are All Upazila offices, Union council offices, Police Stations, Primary Schools Building Walls, Bus stops, Bazar, Market shops, Parks & Yards, All Ad-hoc committee meeting sites, Madrasha, Establish Building Wall etc.

Leaflet: 5000 illustrated color leaflets of 3 types have been printed and distributed according to the approval of PMU. The contents of the leaflets are as follows:

1. Integrated Pest Management (IPM): What is IPM, the purpose of IPM, IPM activities and benefits under the project.
2. Social afforestation: What is social afforestation, purpose of social afforestation, afforestation activities under the project and benefits.
3. Water Management Group: What is water management group, objectives of water management group, water management activities under project and benefits.

The Leaflet distributed among all Upazila offices, Union council offices, Police Stations, Primary Schools, people of Bus stops, Bazar, Market, shops, Parks, All Ad-hoc committee meeting participant, Madrasha & college student, generally people of villages etc.

Sticker: 2000 color stickers have been printed and distributed by JV team. The sticker reads- Welfare of water management group; Higher yields more paddies (Pani Babosthapon Doler Kallyan; Odhik Folon Odhik Dhan). All Stickers have been distributed in time. The Sticker placed & distributed among the vehicle & vehicle rider, all Upazila offices, Union council offices etc.

Targeted Activities: D3. Formation of WMO

Targeted Activities-8. Motivation Campaign and Conduct Polling Progress and Achievements

Motivational Campaign: The JV team has been consulted with local people organized several group meetings, mapsharing meeting, courtyard meeting, core group meetings in different location in 3 Polders. Twenty six mapsharing meetings, forty two courtyard meeting and twenty core group meeting were conducted in different location of polders area. In the above three types of meetings were identified boundary of WMG sharing maps with local participants. The polder team frequently visited all WMU area for motivation of people to get enrolled as member of respective WMG, mitigate conflicts of local people about distribution of population in different unit and quick formation of WMG for harvesting benefits of social, afforestation and IPM activities of the Project.

For formation of WMA has been promoted through miking, posters, leaflets, stickers. The aims and objectives of the activities have been propagated through street rallies in various Union Parishads, villages, hat-bazaars and beaches in Kuakata under Polder, so that the beneficiaries of the area can easily know and understand about the activities. Water Management Group and Water Management Association have jointly organized Water Management Organization. Water Management Groups and Water Management Associations were formed under the Water Management Organization.

The purpose of forming a water management organization was to provide overall support to the implementing agency in all aspects of the project in order to establish the ownership of the people, Creation of team funds through conducting business activities and carrying out developmental activities for the members from those funds, ensuring proper use and management of irrigation water in the field area of the project area through joint efforts of the WMO, encouragement and training of members in fish farming, animal husbandry, tree planting, setting up of small linen industries and other relevant productive activities. Necessary steps have been taken to implement the issues of literacy, planned family formation, health and nutrition, social environment etc. through the WMO in collaboration with local government, semi-government and non-government organizations.

Conduct Polling: The JV team has been completed the conduct polling in time with necessary steps, like as-

- An ad-hoc committee has been formed for the formation of WMO through discussion meetings with the catchment area based beneficiaries. The Election Management Committee has been formed through a discussion meeting in the Ad-hoc Committee.
- The Executive Committee of the WMG has been constituted by the voice vote or vote of support of the general members of the catchment area as per the schedule for the announcement of the election of the election management committee election.
- Under each polder, an ad-hoc committee has been formed with four representatives from each of the executive committees of all WMGs. WMA Election Steering Committee has been formed in the discussion meeting of Ad-hoc Committee. The Election

Management Committee has formed the WMA with the voters under Polder as per the election management schedule.

■ **Targeted Activities-9. Prepare Group Formation Modalities
Progress and Achievements**

The JV team has developed the necessary modalities for group formation and formed 25 WMGs according to the modalities.

Modalities of group formation progress & achievement are-

- Initial House hold census, defining MOU for O & M plan and allied activities complete.
- Motivational campaigning through miking in locally and leaflets, project brief, posters, banner used in motivational camping activities. Developed script for street drama show which approved by concern authority. The show of awareness by folk song and drama shown the polder people at various 6 places of the polders were 01 to 16 February 2021.
- After prior approval of PMU 6 type of poster were printed and distributed in different important locations like meeting place, market, Union Parishad, Upazilla level offices compounds. Posturing activities are completed.
- Proposal for publishing 25 separate public notices to form 25 Ad-hoc committee of WMG and three Ad-hoc committee of WMA submitted to DCEO, BWDB.
- For smooth and smart identification of WMG's member 9050 enrollment/admission form and 9050 duplicate money receipts form were developed, printed and distributed to 25 Ad-hoc Committee.
- 25 ad-hoc committee was formed successfully, the committee achieved their enrollment target and formation of all 25 WMG completed. Formed Executive committee of all 25 WMGs and got registration from appropriate authority.

■ **Targeted Activities-10. Prepare Stakeholder List
Progress and Achievements**

The gross stakeholder of 43/2C, 47/2 & 48 are-

- Household members- Census of the households completed, report submitted;
- Deputy Commissioner & District level officials;

- Upazila Chairman;
- UNO & Upazila level officials;
- UP Chairman's;
- UP Members;
- Local NGO's;
- Local institution heads.

Different categories of stake holder list of polders 43/2C, 47/2 & 48 are presented below.

Category: A (Government and Autonomous Agencies)

1. Chairman, Upazilla Parishad, Galachipa, Patuakhali;
2. Chairman, Upazilla Parishad, Kalapara, Patuakhali;
3. Upazila Nirbahi Officer, Galachipa, Patuakhali;
4. Upazila Nirbahi Officer, Kalapara, Patuakhali;
5. Union Council, Dalbuganj, Dhuleshar, Kuakata & Latachapli of Kalapara, Patuakhali;
6. Union Council, Amkhola & Golachipa of Galachipa, Patuakhali;
7. LGED, (Galachipa, Patuakhali & Kalapara, Patuakhali);
8. BADC, Patuakhali;
9. BWBD, Patuakhali & Barishal;
10. Fishery, (Galachipa, Patuakhali & Kalapara, Patuakhali);
11. DAE (Galachipa, Patuakhali & Kalapara, Patuakhali);
12. BRDB (Galachipa, Patuakhali & Kalapara, Patuakhali);
13. BFD Office (Galachipa, Patuakhali & Kalapara, Patuakhali);
14. Upazilla Co-operative Office (Galachipa, Patuakhali & Kalapara, Patuakhali);
15. Upazilla Livestock Office (Galachipa, Patuakhali & Kalapara, Patuakhali);
16. UWCA Office (Galachipa, Patuakhali & Kalapara, Patuakhali);
17. Upazilla Land Office (Galachipa, Patuakhali & Kalapara, Patuakhali);

Category: B (NGO, Social Organization and Bank)

- | | |
|----------------------------|------------------|
| 1. Uddipon | 2. BRAC |
| 3. Blast | 4. CODEC |
| 5. Swice Contract | 6. ADA |
| 7. Suktara Mohila Sangstha | 8. ADAB |
| 09. ASA | 10. CDHC |
| 11. Light House | 12. Agroni Bank |
| 13. Anirban | 14. Sonali Bank |
| 15. Padakkep | 16. Krishi Bank |
| 17. Friendship | 18. Grameen Bank |
| 19. Coast Trust | 20. Pasha |

- 21. CWFD
- 23. Polli daridro songstha
- 25. Bangladesh Gram Adalat

- 22. Buro Bangladesh
- 24. Society for Basic Needs
- 26. PDBF

■ **Targeted Activities-11. Define WMG's Tasks & Disseminate Group Formation Activities**
Progress and Achievements

The catchments area has been demarcated by determining the sluice gate based map. One WMG is assigned to each catchments area. An ad-hoc committee has been constituted through a discussion meeting with the beneficiaries of the catchments area as per the rules of WMG formation process. The election management committee has been formed in the discussion meeting of the ad-hoc committee. According to the schedule of the Election Management Committee, the WMG Management Committee has been formed with the general members of the catchments area through voice vote / proposal and support. A total of 25 WMGs have been formed in three polders. Polder wise No. of WMGs demarcated is mentioned below:

Polder	Upazila	Union	No. of WMG Demarcated
47/2	Kalapara	Dalbugong	09
48	Kalapara	Latachapli, Kuakata & Dhulashar	08
43/2C	Golachipa	Golkhali & Amkhola	08
Total			25

■ **Targeted Activities-12. Formation of WMGs**
Progress and Achievements

Water Management Group (WMG) formation is the most important task of social mobilization for Participatory Scheme cycle Management (PSM). According to the instruction of PMU, JV team has so far formed 25 Water Management Groups (WMG) in three polders. Polder wise WMGs details are as follows:

Polder	Name of WMG	No. of WMG	Address of WMG	Name & No. of Sluice Gate
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48	Maitvanga sluice WMG	01	Vill: Maitanga, Union: Latachapli, Kalapara, Patuakhali	Maitvanga sluice Gate DS-2A
	Gora AmkholaWMG	02	Vill: Goraamkhola, union: Latachapli, Kalapara, Patuakhali	Gora Amkhola sluice Gate DS-6
	Lokkhirkhaki WMG	03	Vill: Lokkhi para, Union: Latachapli, Kalapara, Patuakhali	Lokkhirkhaki sluice Gate DS-3/2
	Asakhali WMG	04	Vill: ChorChapli Union: Dhulashar Kalapara, Patuakhali	Asakhali sluice Gate DS-4
	Chapli Bazar WMG	05	Vill: Chapli Union- Dhulashar Kalapara, Patuakhali	Chapli Bazar sluice Gate DS-3/4
	KhajuraKhal WMG	06	Vill: Khajura, Union: Latachapli, Kalapara, Patuakhali	KhajuraKha sluice Gate FS-1
	Alipur Sluice WMG	07	Vill:Alipur, Union: Latachapli, Kalapara, Patuakhali	Alipur sluice Gate DS-5
	Tulatoli sluice WMG	08	Tulatoli Union: Latachapli, Kalapara, Patuakhali	Tulatoli sluice Gate DS 3/3
47/2	JRR Akota WMG	09	Vill: RasulPur, Union: Dalbuganj, Kalapara, Patuakhali	JRR Akota sluice Gate FS-2
	Jamalpur & Purbo Fulbunia WMG	10	Vill: Ramjanpur, Union- Dalbuganj Kalapara, Patuakhali	Jamalpur & Purbo Fulbunia sluice Gate FS-1
	Payerpur WNG	11	Vill: Payerpur, Union: Dalbuganj Kalapara, Patuakhali	Payerpur sluice Gate DS-4S, FS-7
	Fulbunia & Nurpur WMG	12	Vill: Payerpur, Union: Dalbuganj Kalapara, Patuakhali	Fulbunia & Nurpur sluice Gate, FS-4
	Dalbuganj WMG	13	Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	Dalbuganj sluice Gate DS-1
	Uttor Mirpur WMG	14	Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	Uttor Mirpur sluice Gate DS-3
	Meherpur WMG	15	Vill: Meherpur, Union: Dalbuganj	Meherpur sluice Gate

			Kalapara, Patuakhali	FS-6
	Moddo Dalbuganj WMG	16	Vill: Fulbunia Union: Dalbuganj Kalapara, Patuakhali	Moddo Dalbuganj sluice Gate DS-2
	Sawpnochoya WMG	17	Vill: Sawpnochoya Union: Dalbuganj Kalapara, Patuakhali	Sawpnochoya sluice Gate DS-3
43/2C	Shuri Taltola WMG	18	Vill: Suhuri 1 st Khondo, Post: Choto Gabua, Galachipa, Patuakhali	Shuri Taltola Sluice gate DS-7
	Shuri Nischor WMG	19	Vill: Char suhuri, Post: Choto Gabua, Galachipa, Patuakhali	Shuri Nischor Sluice gate DS-2
	Kolichor Bodorpur WMG	20	Vill: Kalirchar, Post: Golkhali, Galachipa, Patuakhali	Kolichor Bodorpur Sluice gate, DS-8
	Pollanar WMG	21	Vill: West Golkhali, Post: Golkhali, Galachipa, Patuakhali	Pollanar Sluice gate DS-5
	Bawu Bazar WMG	22	Vill: Bawria Charani, Post: Chaltabunia, Galachipa, Patuakhali	Bawu Bazar Sluice gate DS-6
	Taltali Khal WMG	23	Vill: Choto gabua, Post: Choto Gabua, Galachipa, Patuakhali	Taltali Khal Sluice gate DS-7
	Purba Goal Khali Badhghat WMG	24	Vill: Purba Goal Khali, Post: Choto Gabua, Galachipa, Patuakhali	Purba Goal Khali Sluice gate, DS-3
	Muchir Sluice WMG	25	Vill: Muchir, Post: Choto Gabua, Galachipa, Patuakhali	Muchir Sluice Sluice gate DS-4

Adhoc Committee Formation for WMG:

An ad hoc committee has been formed as a preliminary step for the formation of WMG. A public notice has been issued before the formation of the ad-hoc committee. On the occasion of formation of Ad-hoc Committee, Project Director CEIP-1, BWDB, concerned Upazila Nirbahi Officer (UNO), concerned Executive Engineer, Union Parishad Chairman, local dignitaries and all the people under WMG were informed and invited to attend. Mr. Jahir Uddin Mohammad Babor, Social Specialist, CEIP-1, PMU, Dhaka has attended these meetings, he has given clear ideas and directions about the activities of the project. As a result, beneficiaries, stakeholders and project staff get a clear idea. The ad-

hoc committee was formed to inform the local administration and maintain the health rules announced by the government due to the Covid-19 situation. Masks and hand sanitizers were distributed to the beneficiaries on behalf of the JV.

A total of 25 ad hoc committees have been formed in Polder-43/2C, 47/2 & 48 until this report is prepared by the JV team. Each Ad-hoc committee has a five member committee including one convener and four members including one woman. Polder wise list of Adhoc committee list are enclosed to Annexes.

Members Enrollment in WMGs:

Enrollment has been done by filling up the prescribed member admission form. 26 volunteers have been recruited and trained to fill up the member admission form. There are 26 volunteers working for 25 WMGs in Polder No-43/2C, 47/2, and Polder No-48 under the JV team. Total 9,050 members have been enrolled from these Polders. Polder wise members enrollment information are mentioned below:

Polder	Union & Upazila	No. of WMG	No. of Volunteers	No. member enrollment
47/2	Union: Dalbugong, Upazila: Kalapara	09	09	1,150
48	Union: Latachapli&Dhulashar Upazila: Kalapara	08	09	4,150
43/2c	Union: Amkhola & Goalkhali Upazila: Golachipa	08	08	3,750
Total		25	26	9,050

The election management committee has been formed in the discussion meeting of the ad-hoc committee. According to the schedule of the Election Management Committee, the WMG Management Committee has been formed with the general members of the

catchments area through voice vote / proposal and support. A total of 25 WMG's Management Committee have been formed in three polders.

The details of the process through which the management committee has been constituted are given below:

- ✓ Issue a public notice to form an ad-hoc committee;
- ✓ Formation of ad-hoc committee;
- ✓ Application for member inclusion;
- ✓ Completion of members admission;
- ✓ Formation of election management committee;
- ✓ Sale of nomination papers;
- ✓ Nomination papers submission;
- ✓ Nomination papers are selected and preliminary draft list is published at the end of selection;
- ✓ Received appeal against the canceled nomination;
- ✓ Hearing on the appeal application and publishing the list of final valid candidates;
- ✓ Withdrawal of candidature and allotment of mark;
- ✓ Release of election results at the end of vote counting;
- ✓ Organizing election general meeting.

Details information of 25 WMGs Management Committee formations is given bellow:

Polder	Name & Address of WMG	Date of Committee Formation	Honorable Guest who are attend
48	Maitvanga sluice WMG; Vill: Maitanga, Union: Latachapli, Kalapara, Patuakhali	22/08/2020	-Md. Anser Uddin Mollah; <i>Chairman, Latachapli UP;</i> - Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Gora Amkhola WMG; Vill: Goraamkhola, unioun: Latachapli, Kalapara, Patuakhali	17/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Lokkhirkhaki WMG; Vill: Lokkhi para,	18/08/2020	- Md. Sharif Mizanur Rahman;

	Union: Latachapli, Kalapara, Patuakhali		<i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Asakhali WMG; Vill: ChorChapli Union: Dhulashar Kalapara, Patuakhali	16/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Chapli Bazar WMG; Vill: Chapli Union- Dhulashar Kalapara, Patuakhali	20/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Khajura Khal WMG; Vill: Khajura, Union: Latachapli, Kalapara, Patuakhali	19/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Alipur Sluice WMG; Vill: Alipur, Union: Latachapli, Kalapara, Patuakhali	23/08/2020	-Md. Anser Uddin Mollah; <i>Chairman, Latachapli UP;</i> - Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Tulatoli sluice WMG; Vill: Tulatoli Union: Latachapli, Kalapara, Patuakhali	21/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
47/2	JRR Akota WMG; Vill: RasulPur, Union: Dalbuganj, Kalapara, Patuakhali	22/07/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Jamalpur & Purbo Fulbunia WMG; Vill: Ramjanpur, Union- Dalbuganj Kalapara, Patuakhali	23/07/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Payerpur WNG; Vill: Payerpur, Union: Dalbuganj Kalapara, Patuakhali	25/07/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Fulbunia & Nurpur WMG; Vill: Payerpur,	26/07/2020	- Md. Sharif Mizanur Rahman;

	Union: Dalbuganj Kalapara, Patuakhali		<i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Dalbuganj WMG; Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	27/07/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Uttor Mirpur WMG; Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	28/07/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Meherpur WMG; Vill: Meherpur, Union: Dalbuganj Kalapara, Patuakhali	28/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Moddo Dalbuganj WMG; Vill: Fulbunia Union: Dalbuganj Kalapara, Patuakhali	29/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Sawpnochoya WMG; Vill: Sawpnochoya Union: Dalbuganj Kalapara, Patuakhali	30/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
43/2C	Shuri Taltola WMG; VIII: Suhuri 1 st Khondo, Post: Choto Gabua, Galachipa, Patuakhali	31/08/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Shuri Nischor WMG; VIII: Char suhuri, Post: Choto Gabua, Galachipa, Patuakhali	01/09/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Kolichor Bodorpur WMG; VIII: Kalirchar, Post: Golkhali, Galachipa, Patuakhali	02/09/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Pollanar WMG; VIII: West Golkhali, Post: Golkhali, Galachipa, Patuakhali	03/09/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan;

			<i>Deputy Team Leader</i>
	Bawu Bazar WMG; VIII: Bawria Charani, Post: Chaltabunia, Galachipa, Patuakhali	04/09/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Taltali Khal WMG; VIII: Choto gabua, Post: Choto Gabua, Galachipa, Patuakhali	06/09/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Purba Goal Khali Badhghat WMG; VIII: Purba Goal Khali, Post: Choto Gabua, Galachipa, Patuakhali	08/09/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>
	Muchir Sluice WMG; VIII: Muchir, Post: Choto Gabua, Galachipa, Patuakhali	09/09/2020	- Md. Sharif Mizanur Rahman; <i>Extension Overseer, BWDB</i> --Md. Ruhul Amin Khan; <i>Deputy Team Leader</i>

■ **Targeted Activities-13. Formation of WMAs/WMF
Progress and Achievements**

As per ToR of the project three WMA formation activity started after completion of 25 WMG. Each WMG nominated 4 representatives as general member to form General Committee of WMAs. Ad hoc committee of WMA was formed by 11 October, 2020 as per PWMR-2014. After proper discussion in general meeting three WMAs were named 1. Polder 48 Sagar Kanna Water Management Association; 2. Polder 47/2 Dalbuganj Water Management Association; 3. Polder 43/2C Water Management Association. Ad hoc committee formed an Election Committee for conducting election of WMAs EC. Finally, Executive Committee of WMA was formed. Registration application of WMA submitted to Chief Extension Officer BWDB, Dhaka on February 2022. Detail of elected body is presented in Annexes. List of WMAs are as follows:

SN	Name of WMA	Address	Date of Formation	Subordinate WMG
1	Polder 48 Sagar Kanna Water Management Association	Vill: Latachapli, PO: Kuakata, Upazila: Kalapara, Patuakhali	15/07/2021	1. Maitvanga sluice WMG; 2. Gora Amkhola WMG; 3. Lokkhirkhaki WMG; 4. Asakhali WMG; 5. Chapli Bazar WMG;

				6. Khajura Khal WMG; 7. Alipur Sluice WMG; 8. Tulatoli sluice WMG;
2	Polder 47/2 Dalbuganj Water Management Association	Vill: Dabluganj, PO: Dabluganj, Upazila: Kalapara, Patuakhali	11/10/2021	1. JRR Akota WMG; 2. Jamalpur & Purbo Fulbunia WMG; 3. Payerpur WNG; 4. Fulbunia & Nurpur WMG; 5. Dalbuganj WMG; 6. Uttor Mirpur WMG; 7. Meherpur WMG; 8. Moddo Dalbuganj WMG; 9. Sawpnochoya WMG;
3	Polder 43/2C Water Management Association	Vill: Kismot Horidebpur, PO: Choto Gabua, Upazila: Golachipa, Patuakhali	16/02/2022	1. Shuri Taltola WMG; 2. Shuri Nischor WMG; 3. Kolichor Bodorpur WMG; 4. Pollanar WMG; 5. Bawu Bazar WMG; 6. Taltali Khal WMG; 7. Purba Goal Khali Badhghat WMG; 8. Muchir Sluice WMG;

Targeted Activities: D4. Knowledge Development

Targeted Activities-14. Carry Out Training Needs Progress and Achievements

After completion of members enrolment, EC of WMG formation started. WMG's training needs assessed and the entire training program conducted as per ToR after consultation with WMGs. Almost all training program completed during contract period.

Targeted Activities-15. Prepare Curriculum of Training, Manual Progress and Achievements

The JV team has prepared 8 subject training curricula and training manuals to provide training to the beneficiaries based on the subject. Training has been provided as per the training schedule. Prepared training curriculum and training manuals are as follows:

1. Training on participatory planning and monitoring;
2. Training of social forestry beneficiaries;
3. Training on value chain, role of manufacturing organization in price management, product demand and supply and product linkages;

4. Integrated pest management and integrated crop management;
5. Training on finance and accounting management of water management organizations;
6. Gender and leadership development training;
7. Alternative work resources for water management organizations;
8. Responsibilities, duties and constitution of water management team.

■ **Targeted Activities-16. Conduct Training to the Field Staff, BWDB, EC, WMGs/WMAs Progress and Achievements**

Field staff & BWDB training were held on 01 February 2021 to 02 February 2021 for a total of 2 days at Hotel Graver Inn. Kuakata, Patuakhali from 9 am to 5 pm. Attended the training as a resource person-

- Mr. Masud Karim Chowdhury, Chief Extension Officer, Bangladesh Water Development Board, Dhaka;
- Mr. Monirul Alam Sarkar, Deputy Chief Extension Officer, Bangladesh Water Development Board, Barisal;
- Mr. Dr. Md. Touhiduzzaman, Social Specialist, Bangladesh Water Development Board, Dhaka;
- Mr. Zahiruddin Babar Social Specialist, Bangladesh Water Development Board, Dhaka;
- Mr. Aminul Islam, Divisional Forest Officer, Patuakhali and local officials.

All the participants in the training including accommodation, food, travel allowance, honorarium, training materials and all the management have been taken from the project by JV.

For subject based training, trainees are selected from 01 October 2020 to 30 November 2020. The trainees were selected by the officials of the concerned Polder of Bangladesh Water Development Board and the staffs of the project. Information on the training of the trainees based on the following topics is provided bellow:

Training Code	Training Courses	No. of Batches	No. of Participants
Code 3.2.I	One Day Orientation of Polder Team(2 team) Including BWDB Staffs	02	20
Code 3.2.II	Joint Orientation of FFS, SFG, OTHER LONAL BODIES E.G UP and core team members of WMG	12	155

Code 3.2.III	Training WMG Ecs-a) Organizational and Water management b) Accounts keeping and Audit System c) Gender and Leadership development	25	462
Code 3.2.IV	Training WMO, WMA WMG WMF on resource mobilization M&E, O&M participatory water management organizational development	21	630
Code 3.2.V	Training- Infrastructure O & M hand on (before completion of rehabilitation work)	11	294
Code 3.2.VII	Training on participatory monitoring to WMG Ecs and Members of WMGs.	10	250
Code 3.2.VIII	Training of Monitoring Committee (WMA EC/ CST)	06	94
Code 3.2.IX	Training to Collective Action Leaders and Key Informants about the program	10	200
Code 3.2.X	Training on value chain, producer group/cooperative market linkage, supply and demand system	11	200

■ **Targeted Activities-17. Facilitate Regular Meeting of WMGs/WMAs Progress and Achievements**

Executive Committees of newly formed Water Management Group starts to sit in meetings. Already every WMG conducted their 9 meetings up to March 2022. In those meetings they decided to take registration from BWDB, opening Bank Account, participant selection for training. NGO officials were also facilitating to form Executive committees of all WMGs, working sub-committees and determine their duties and responsibilities. WMA regular meetings of Executive committee continue on regular basis.

■ **Targeted Activities-18. Exchange Visit of WMGs and WMAs Progress and Achievements**

After completion of WMGs and WMAs formation Exchange Visit of WMGs and WMA arranged by JV. In this collective action visit 317 EC members of WMA/WMG, 5 Community Organizer (CO) & 2 Consultant attended in four batches. Participants visited irrigation and field channels, cross dam, pump house, and WMA office. Collection procedure of Savings Tk.50 per month, Tk.20 irrigation charge per decimal land, monthly meeting /Annual General Meeting and mitigation of different conflict were the main

issues of discussion. After completion of visit participants are highly impressed. Date wise exchange visits information are as follows:

Date	Polder to Polder	Place of Exchange Visit
05/02/2021	WMG Management Committee of Polder 48 exchange visit to Polder 43/2F. 29 members of both polders participated in the exchange of experiences	Dakshin Pubo Kalibari WMG, Polder 43/2F, Kalibari, Gulishakhali, Amtoli, Barguna
06/02/2021	WMG Management Committee of Polder 43/2c exchange visit to Polder 43/2F. 32 members of both polders participated in the exchange of experiences	Dakshin Pubo Kalibari WMG, Polder 43/2F, Kalibari, Gulishakhali, Amtoli, Barguna
04/02/2021	WMG Management Committee of Polder 48 exchange visit to Polder 43/2C. 30 members of both polders participated in the exchange of experiences	Pollaner Sluice WMG Polder 43/2C, Golkhali, Golachipa, Patuakhali
12/02/2021	WMG Management Committee of Polder 47/2 exchange visit to Polder 43/2F. 36 members of both polders participated in the exchange of experiences	Dakshin Pubo Kalibari WMG, Polder 43/1A, Kalibari, Gulishakhali, Amtoli, Barguna
13/02/2021	WMG Management Committee of Polder 43/2C exchange visit to Polder 43/2C. 36 members of both polders participated in the exchange of experiences	Pollaner Sluice WMG Polder 43/2C, Golkhali, Golachipa, Patuakhali

Targeted Activities: D5. Legislation Process

■ Targeted Activities-19. Create Financial Arrangement of WMGs Progress and Achievements

After formation ad-hoc committee of WMGs, a financial arrangement already adapted as admission fee 10.00, O & M fee 10.00 & other fee 10.00 taka which has been

collected at the time of enrolment. Arrangements made to open Bank account by all WMGs. WMG's Bank Account 25 nos. was opened by them before process of registration. After the formation of the management committee of the water management team, the bank account was opened in the scheduled bank. The title of the bank account is kept in the name of the formed water management group. As a bank, the bank account has been opened under the joint signature of the President/Secretary of WMG and the Treasurer. Detail information about bank account presented bellow:

Polder	Name & Address of WMG	Account Number	Bank and Branch
48	Maitvanga sluice WMG; Vill: Maitanga, Union: Latachapli, Kalapara, Patuakhali	SB-100436	Grameen Bank, Mohipur Kalapara Branch, Patuakhali
	Gora Amkhola WMG; Vill: Goraamkhola, union: Latachapli, Kalapara, Patuakhali	SB-100435	Grameen Bank, Mohipur Kalapara Branch, Patuakhali
	Lokkhirkhaki WMG; Vill: Lokkhi para, Union: Latachapli, Kalapara, Patuakhali	SB-100437	Grameen Bank, Mohipur Kalapara Branch, Patuakhali
	Asakhali WMG; Vill: ChorChapli Union: Dhulashar Kalapara, Patuakhali	SB-5697	Agrani Bank, Alipur Branch, Patuakhali
	Chapli Bazar WMG; Vill: Chapli Union- Dhulashar Kalapara, Patuakhali	7017416579654	Dutch Bangla Bank Chapali Branch, Patuakhali
	Khajura Khal WMG; Vill: Khajura, Union: Latachapli, Kalapara, Patuakhali	SB-5699	Agrani Bank, Alipur Branch, Patuakhali
	Alipur Sluice WMG; Vill: Alipur, Union: Latachapli, Kalapara, Patuakhali	SB-5698	Agrani Bank, Alipur Branch, Patuakhali
	Tulatoli sluice WMG; Vill: Tulatoli Union: Latachapli, Kalapara, Patuakhali	SB- 5785010001070	Rupali Bank Ltd Alipur Branch, Patuakhali
47/2	JRR Akota WMG; Vill: RasulPur,	SB-100728	Grameen Bank, Tiyakhali Kalapara Branch,

	Union: Dalbuganj, Kalapara, Patuakhali		Patuakhali
	Jamalpur & Purbo Fulbunia WMG; Vill: Ramjanpur, Union- Dalbuganj Kalapara, Patuakhali	SB-100729	Grameen Bank, Tiyakhali Kalapara Branch, Patuakhali
	Payerpur WNG; Vill: Payerpur, Union: Dalbuganj Kalapara, Patuakhali	SB-100434	Agrani Bank, Alipur Branch, Patuakhali
	Fulbunia & Nurpur WMG; Vill: Payerpur, Union: Dalbuganj Kalapara, Patuakhali	SB-100725	Grameen Bank, Tiyakhali Kalapara Branch, Patuakhali
	Dalbuganj WMG; Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	SB-100433	Grameen Bank, Mohipur Kalapara Branch, Patuakhali
	Uttor Mirpur WMG; Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	SB-100726	Grameen Bank, Tiyakhali Kalapara Branch, Patuakhali
	Meherpur WMG; Vill: Meherpur, Union: Dalbuganj Kalapara, Patuakhali	SB-100439	Grameen Bank, Mohipur Kalapara Branch, Patuakhali
	Moddo Dalbuganj WMG; Vill: Fulbunia Union: Dalbuganj Kalapara, Patuakhali	SB-100440	Grameen Bank, Mohipur Kalapara Branch, Patuakhali
	Sawpnochoya WMG; Vill: Sawpnochoya Union: Dalbuganj Kalapara, Patuakhali	SB-100441	Grameen Bank, Mohipur Kalapara Branch, Patuakhali
43/2C	Shuri Taltola WMG; VIII: Suhuri 1 st Khondo, Post: Choto Gabua, Galachipa, Patuakhali	S/B- 100438	Grameen Bank Amkhola Branch, Golachipa, Patuakhali
	Shuri Nischor WMG; VIII: Char suhuri, Post: Choto Gabua, Galachipa, Patuakhali	S/B- 019413100000181	FSIBL, Galachipa Branch, Patuakhali
	Kolichor Bodorpur WMG; VIII: Kalirchar, Post: Golkhali, Galachipa,	S/B- 100437	Grameen Bank Amkhola Branch, Golachipa, Patuakhali

	Patuakhali		
	Pollanar WMG; VIII: West Golkhali, Post: Golkhali, Galachipa, Patuakhali	S/B- 100441	Grameen Bank Amkhola Branch, Golachipa, Patuakhali
	Bawu Bazar WMG; VIII: Bawria Charani, Post: Chaltabunia, Galachipa, Patuakhali	S/B- 100442	Grameen Bank Golachipa Branch, Patuakhali
	Taltali Khal WMG; VIII: Choto gabua, Post: Choto Gabua, Galachipa, Patuakhali	S/B- 100436	Grameen Bank Amkhola Branch, Golachipa, Patuakhali
	Purba Goal Khali Badhghat WMG; VIII: Purba Goal Khali, Post: Choto Gabua, Galachipa, Patuakhali	S/B- 320211100127453	Uttara Bank Ltd Golachipa Branch, Patuakhali
	Muchir Sluice WMG; VIII: Muchir, Post: Choto Gabua, Galachipa, Patuakhali	S/B- 320211100127453	Uttara Bank Ltd Golachipa Branch, Patuakhali

■ **Targeted Activities-20. Registration of WMOs as per PWMR, 2014**
Progress and Achievements

After formation of WMG, all 25 newly formed Water Management Group (WMG) of polder 43/2C, 47/2 & 48 applied for registration to The Deputy Chief Extension Officer Barisal and got registration in time. Mr. Monirul Haque Sarkar, Deputy Chief Extension Officer, BWDB, Barishal distributed certificates to 25 registered WMGs at the final workshop of the project on 31st March, 2022. Polder wise detail information about registration is shown below:

Polder	Name of WMG	No. of WMG	Address of WMG	Registration No. & Date
48	Maitvanga sluice WMG	01	Vill: Maitanga, Union: Latachapli, Kalapara, Patuakhali	Reg. No. 2648 Date: 20/01/2021
	Gora Amkhola WMG	02	Vill: Goraamkhola, union: Latachapli, Kalapara, Patuakhali	Reg. No. 2649 Date: 20/01/2021
	Lokkhirkhaki WMG	03	Vill: Lokkhi para, Union: Latachapli,	Reg. No. 2647 Date: 20/01/2021

			Kalapara, Patuakhali	
	Asakhali WMG	04	Vill: ChorChapli Union: Dhulashar Kalapara, Patuakhali	Reg. No. 2645 Date: 20/01/2021
	Chapli Bazar WMG	05	Vill: Chapli Union- Dhulashar Kalapara, Patuakhali	Reg. No. 2646 Date: 20/01/2021
	KhajuraKhal WMG	06	Vill: Khajura, Union: Latachapli, Kalapara, Patuakhali	Reg. No. 2651 Date: 20/01/2021
	Alipur Sluice WMG	07	Vill:Alipur, Union: Latachapli, Kalapara, Patuakhali	Reg. No. 2650 Date: 20/01/2021
	Tulatoli sluice WMG	08	Tulatoli Union: Latachapli, Kalapara, Patuakhali	Reg. No. 2652 Date: 14/03/2021
47/2	JRR Akota WMG	09	Vill: RasulPur, Union: Dalbuganj, Kalapara, Patuakhali	Reg. No. 2622 Date: 15/05/2021
	Jamalpur & Purbo Fulbunia WMG	10	Vill: Ramjanpur, Union- Dalbuganj Kalapara, Patuakhali	Reg. No. 2618 Date: 15/05/2021
	Payerpur WNG	11	Vill: Payerpur, Union: Dalbuganj Kalapara, Patuakhali	Reg. No. 2617 Date: 15/05/2021
	Fulbunia & Nurpur WMG	12	Vill: Payerpur, Union: Dalbuganj Kalapara, Patuakhali	Reg. No. 2621 Date: 15/05/2021
	Dalbuganj WMG	13	Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	Reg. No. 2620 Date: 15/05/2021
	Uttor Mirpur WMG	14	Vill: Dalbuganj, Union: Dalbuganj Kalapara, Patuakhali	Reg. No. 2642 Date: 27/05/2021
	Meherpur WMG	15	Vill: Meherpur, Union: Dalbuganj Kalapara, Patuakhali	Reg. No. 2624 Date: 15/05/2021
	Moddo Dalbuganj WMG	16	Vill: Fulbunia Union: Dalbuganj Kalapara, Patuakhali	Reg. No. 2619 Date: 15/05/2021
	Sawpnochoya WMG	17	Vill: Sawpnochoya Union: Dalbuganj Kalapara, Patuakhali	Reg. No. 2623 Date: 15/05/2021
43/2C	Shuri Taltola WMG	18	Vill: Suhuri 1 st Khondo, Post: Choto Gabua, Galachipa, Patuakhali	Reg. No. 2656 Date: 25/05/2021

	Shuri Nischor WMG	19	VIII: Char suhuri, Post: Choto Gabua, Galachipa, Patuakhali	Reg. No. 2653 Date: 13/04/2021
	Kolichor Bodorpur WMG	20	VIII: Kalirchar, Post: Golkhali, Galachipa, Patuakhali	Reg. No. 2657 Date: 25/05/2021
	Pollanar WMG	21	VIII: West Golkhali, Post: Golkhali, Galachipa, Patuakhali	Reg. No. 2658 Date: 25/05/2021
	Bawu Bazar WMG	22	VIII: Bawria Charani, Post: Chaltabunia, Galachipa, Patuakhali	Reg. No. 2655 Date: 25/05/2021
	Taltali Khal WMG	23	VIII: Choto gabua, Post: Choto Gabua, Galachipa, Patuakhali	Reg. No. 2654 Date: 13/04/2021
	Purba Goal Khali Badhghat WMG	24	VIII: Purba Goal Khali, Post: Choto Gabua, Galachipa, Patuakhali	Reg. No. 2659 Date: 22/11/2021
	Muchir Sluice WMG	25	VIII: Muchir, Post: Choto Gabua, Galachipa, Patuakhali	Reg. No. 2660 Date: 22/11/2021

Targeted Activities: D6. Planning and Technical Design

■ Targeted Activities-21. Develop MOU and Signing PDP Progress and Achievements

After completion of all hydrological structures the project will start functioning. Functional O&M plan can be developed only after completion of physical works. In practice change in design during construction period as per need is a regular phenomenon.

Targeted Activities: D7. Planning and Technical Design

■ Targeted Activities-22. Formation of CS Team, Participatory Monitoring and Procedure for CST Progress and Achievements

Ten members Monitoring Sub-committee formed in all 25 Water management group and Water Management Association. Sub-committees will work as Construction Supervision Team (CST). Procedure of participatory monitoring explained CST members during training.

■ **Targeted Activities-23. Strengthen Construction Supervision Team**
Progress and Achievements

For strengthening capacity of Construction Supervision Team (CST), all CST members of WMG and WMA attended day long training session. Supervision procedure, coordination with BWDB officials and construction team explained in training session. Total 250 WMG/WMA members trained in participatory monitoring of polder hydraulic structure so that, they can involve operation and maintenance of scheme.

■ **Targeted Activities-24. Formation of Labour Construction Society**
Progress and Achievements

After completion of hydrological structures project will start functioning. In functioning stage operation and maintenance will start. As per ToR total 630 WMG/WMA members trained in operation and maintenance of polder hydraulic structure so that, they can involve operation and maintenance of scheme. Engineer from Patuakhali O&M Division BWDB conducted the O&M training.

Targeted Activities: D8. Operation and Maintenance (O&M) of Scheme

■ **Targeted Activities-24. Develop MOU and Arrange signing of O&M Plan**
Progress and Achievements

After completion of all hydrological structures the project will start functioning. Functional O&M plan can be developed only after completion of physical works. In practice change in design during construction period as per need is a regular phenomenon.

■ **Targeted Activities-25. WMO Involvement in O&M of Scheme**
Progress and Achievements

After completion of hydrological structures project will start functioning. In functioning stage operation and maintenance will start. As per ToR total 630 WMG/WMA member trained in operation and maintenance of polder hydraulic structure so that, they can involve operation and maintenance of scheme. Engineer from Patuakhali O&M Division BWDB conducted the O&M training.

Targeted Activities: D9. Social Afforestation

■ **Targeted Activities-26. Stakeholder Consultation
Progress and Achievements**

The JV team has been consulted with the Officials of Agriculture Extension Office of Kalapara and Golachipa Upazila. The officials expressed their cooperation to JV team. The JV team also met with Chairman's of Unions in the project area. They strongly support afforestation program of the project and expressed their willingness to all effort support to afforestation program.

The field team has been continuing the consultation (formal and informal) with different stakeholders. According to work plan of the first month, the JV team is fully engaged to define water management unit. The field team has been consulted with local government representatives and polders people during defining WMUs. The team has been conducting the participatory mapping sessions for defining WMUs and consults on with target people different issues of the works. As per the work schedule stakeholder consultation continue at field level about social afforestation. Newly formed WMG ECs directed by team to form subcommittee for establish Social Forestry Group and given direction with consultation for preparation of beneficiary list of Afforestation of the polder. All the WMG subcommittee of SFG worked & finalized the social forestry beneficiaries list. View exchange & Linkage development with UNO, Co-operative officer & Assistant Agriculture officer of 3 polders. In September 2020 Social Forestry Specialist consulted with Divisional Forest Officer, Barishal Forest extension division for implementing & linkage development about successful Social Forestry Group establishment at Kalapara nad Golachipa.

■ **Targeted Activities-27. Awareness Campaign
Progress and Achievements**

As per work schedule awareness campaign continues at field level by various meeting and direct contact like street meeting, court yard meeting, tea stall meeting, ad-hoc committee meeting of 25 WMG. Finally, Street Drama script approved by PMU for shown. Street Drama & Folk song shows completed in February, 2021. This show awarded the people about afforestation & its benefits and also by capacity building training program & EC of SFG monthly meeting. In addition, miking, posters, leaflets and stickers were distributed in 3 polders to create awareness about the project. Six street

dramas arranged by the JV in three polders. Date wise drama information is mentioned in the bellow table:

Date	Polder	Venue	No. of visitors present
01/02/2021	48	Kuakata Sea beach, Kalapara, Patuakhali	
02/02/2021	47/2	Chapli Bazar, Kalapara, Patuakhali	
13/02/2021	47/2	Dalbuganj, Kalapara, Patuakhali	
14/.02/2021	48	Latachapli Union Parishad, Alipur, Kalapara, Patuakhali	
15/02/2021	43/2C	Golkhali Union Parishad, Golachipa, Patuakhali	
16/02/2021	43/2C	Suhuri High School, Golachipa, Patuakhali	

JV has also placed 3 billboards in the project area. Size, design, and placement of billboard are indicated and approved by BWDB. These billboards have raised public awareness and ideas about project activities including social mibilization, social afforestation and IPM activities. Polder wise billboard Installation information is provided below:

SN	Date	Polder	Place of Installation
1.	02/02/2021	47/2	Dalbuganj, Kalapara, Patuakhali
2.	02/02/2021	43/2C	Golkhali, Golachipa, Patuakhali
3.	02/02/2021	48	Kuakata Sea beach, Kalapara, Patuakhali

■ **Targeted Activities-28. Selection of Beneficiary** **Progress and Achievements**

Survey workers are recruited in the catchment area. The survey staff compiled a list of beneficiaries under social forestry activities. The list of the beneficiary's social forestry specialist Dr. Md. Alamgir Kabir, with the help of community organizers, selected the beneficiaries through discussions at the WMG meeting. All WMG's afforestation sub-committee and Social Forestry Group (SFG) were formed, Sub-committee of SFG selected the 600 nos. beneficiary from the targeted people for afforestation program and training program. General listings have been made in each catchment area. An

executive committee has been formed in each DMG area based general meeting through discussion meeting with all of them in the general list based on DMG area. The committee had 9 members, 2 men and 2 women. List of Polder-based Sub-Committee and General Committee is enclosed to Annexes.

■ **Targeted Activities-29. Training
Progress and Achievements**

Capacity Building activities of Beneficiaries of social forestry group started on 07 February 2021 after preparation of beneficiary list of SFG by WMGs Afforestation Sub-Committee & EC of SFG. A joint orientation of Social Forestry Group (SFG), FFS & other related person, total 25 batches were trained 576 nos. participants up to 24 March 2021 about afforestation and IGIs topics. Social Forestry Specialist Dr. Alamgir Kabir, Community Organizers of concerned polders and Upazila Range Officer were trained on the sessions. **Detailed list of training participants is attached with separate report in Social Forestry Report & Training report.** Polder wise training information is mentioned below:

SN	Date	Training Venue	No. of Participant		
			Total	Male	Female
Polder 47/2					
01	16.02.21	Rasulpur Govt. Primary School, Dalbugonj, Kalapara	24	19	05
02	05.02.21	Dalbugonj Govt. Primary School, Dalbugonj, Kalapara	18	14	04
03	16.02.21	Dalbugonj Govt. Primary School, Dalbugonj, Kalapara	30	19	11
04	04.02.21	Fulbunia Govt. Primary School, Dalbugonj, Kalapara	19	13	06
05	08.02.21	Tuatoli Govt. Primary School, Dalbugonj, Kalapara	10	06	04
06	09.02.21	Rasulpur Govt. Primary School, Dalbugonj, Kalapara	16	12	04
07	26.01.21	Meherpur Govt. Primary School, Dalbugonj, Kalapara	24	22	02

08	20.01.21	payerpur Govt. Primary School, Dalbugonj, Kalapara	24	20	04
09	21.01.21	Dalbugonj Union Parishad, Dalbugonj, Kalapara	24	18	06
Polder 43/2C					
10	24.03.2022	Suhuri Govt. Primary School, Golkhali, Golachipa	23	22	01
11	24.03.2022	Suhuri Govt. Primary School, Golkhali, Golachipa	22	22	-
12	08.02.2021	Horidebpur High School, Golkhali, Golachipa	27	15	12
13	18.02.2021	Horidebpur Govt. Primary School, Golkhali, Golachipa	30	20	10
14	19.02.2021	Horidebpur Govt. Primary School, Golkhali, Golachipa	30	17	13
Polder 48					
15	28.01.21	Charchapli Govt. Primary School, Latachapli, Kalapara	22	22	--
16	07.02.21	Lokkhipura Govt. Primary School, Latachapli, Kalapara	30	22	08
17	12.02.21	Latachapi Union Parishad, Latachapli, Kalapara	12	09	03
18	23.02.21	Latachapli Union Parishad, Latachapli, Kalapara	30	15	15
19	20.01.21	WestKhajura non Govt. Primary School, Latachapli, Kalapara	24	20	04
20	19.01.21	Amjedpur Govt. Primary School, Latachapli, Kalapara	24	22	02
21	18.01.21	Lokkhipura Govt. Primary School, Latachapli, Kalapara	18	10	08
22	23.03.22	Lokkhipura Union Parishad, Latachapli, Kalapara	25	22	03
23	24.03.22	Tulatoli Govt. Primary School, Latachapli,	25	23	02

		Kalapara			
24	24.03.22	Latachapli Union Parishad, Latachapli, Kalapara	25	23	02
25	24.03.22	Tulatoli Govt. Primary School, Latachapli, Kalapara	20	19	01

■ **Targeted Activities-30. Monitor Technical Delivery on Afforestation Progress and Achievements**

All the technical works on afforestation as awareness building, stakeholder consultation, selection of beneficiaries and capacity building training of beneficiaries monitored by Social Forestry Specialist, team members & PMU consultant. Pre-plantation, plantation and post plantation period of afforestation activities have to be monitored by project team members & WMG groups after complete embankment is delivered by BWDB to BFD for afforestation. SFG beneficiaries also seated together for up dated their group consultation.

Targeted Activities: D10. IPM Plan Implementation

■ **Targeted Activities-31. Awareness/Infor. Dissemination Progress and Achievements**

Awareness/Information Dissemination about Integrated Pest Management (IPM) were conducted by courtyard meetings, tea stall meeting posters leaflets & ad-hoc committee meeting by the JV team.

■ **Targeted Activities-32. Establish Farmers Organization Progress and Achievements**

People of polder are mostly farmer. After establishment of WMG and WMO separate farmers group organized in each 25 WMGs by the JV team. Establishment of IPM is an important objective of the project. To execute IPM activities IPM sub-committee formed in all WMG. IPM Sub-committee members are selected from farmer members. All IPM activities like plot selection, farmer selection and criteria selection were done by IPM farmer group.

■ **Targeted Activities-33. Impart Training (ToT & ToF)**
Progress and Achievements

Impart Training (ToT and ToF) of FFS group training provided by the JV. Joint orientation FFS, SFG, other local bodies of WMGs training were started from 06 January 2021. The team assigned were conducted 20 batches training on Value chain, Producer group/cooperative, market linkage, supply and demand system and IPM. Total 414 number of trainees participated in these training. **A training progress report attached Social Forestry Report.** Topic wise training information is as follows:

Table: 01: Training on Value chain, Producer group/cooperative, Market linkage, supply and demand system

SN	Date	Training Venue	No of Participants		
			Total	Male	Female
Polder 43/2c					
01	06.02.21	Horidebpur High Scholl, Golkhali, Golachipa	22	18	04
02	07.02.21	Horidebpur High Scholl, Golkhali, Golachipa	14	09	05
03	21.03.22	Suhuri Govt. Primary School, Golkhali, Golachipa	19	18	01
Polder 47/2					
04	06.02.21	Meherpur Govt. Primary School, Dalbugonj, Kalapara	21	19	02
05	26.01.21	Dalbugonj high School, Dalbugonj, Kalapara	24	13	11
06	30.01.21	Rasulpur Govt. Primary School, Dalbugonj, Kalapara	24	17	07
Polder 48					
07	07.02.21	Tulatoli Govt. Primary School, Latachapli, Kalapra	14	11	03
08	25.01.21	Westchapli Govt. Primary School, Latachapli, Kalapra	17	14	03
09	19.01.21	Lokkhipura Govt. Primary	17	15	02

		School, Latachapli, Kalapra			
10	06.01.21	Latachapli Union parishgad, Latachapli, Kalapra	29	26	03

Table: 02: Training on IPM (Code: 3.2-ii)

SN	Date	Name of Venue	No. of Participants		
			Total	Male	Female
Polder 43/2C					
01	08.02.2021	Horidebpur High School, Golkhali, Golachipa	13	08	05
02	18.02.2021	Horidebpur Govt. Primary School, Golkhali, Golachipa	14	09	05
Polder 47/2					
03	18.01.2021	Dalbugonj Govt. Primary School, Dalbugonj, Kalapara	30	23	07
04	18.01.2021	Meherpur Govt. Primary School, Dalbugonj, Kalapara	30	27	03
05	19.01.2021	Rasulpur Govt. Primary School, Dalbugonj, Kalapara	30	23	07
Polder 48					
06	25.01.2021	Latachapli Union Parishad, Latachapli, Kalapara	30	27	03
07	26.01.2021	Amjedpur Govt. Primary School, Latachapli, Kalapara	25	21	04
08	03.02.2021	Lakhipur Islampur Govt. Primary School, Latachapli, Kalapara	09	06	03
09	05.02.2021	Lakhipur Govt. Primary School, Latachapli, Kalapara	10	06	04
10	27.01.2021	West Chapli Govt. Primary School, Latachapli, Kalapara	22	21	1

■ **Targeted Activities-34. Practice IPSNM Techniques
Progress and Achievements**

IPSNM technique adoption task is not specified in TOR. IPSNM technique adoption task not be taken under consideration by JV.

With a view to dissemination of IPM technology to farmers a total of 210 different IPM demo were established under 25 WMGs in 3 polders of Patuakhali. Five different categories IPM technological demos were implemented under polders from CEIP-1

project. Detailed list of IPM demo are enclosed to Annexes. Polder wise IPM demo information is as follows:

Polder	Number of		Free Distributed among the farmers	
	WMG	Farmers	Ag. Equipment	Vegetable Seeds
43/2C	08	75	Net, Bucket, Mug, shovel, sparkle, Tin, Wood	Calabash, Karala, Pepper, Aubergine, Spinach, Lady's Finger, Mugpulses, Pui Spinach, Red Spinach, Tomatoo
47/2	09	72	Net, Bucket, Mug, shovel, sparkle	Calabash, Karala, Pepper, Aubergine, Spinach, Lady's Finger, Mugpulses, Pui Spinach, Red Spinach, Tomatoo
48	07	63	Net, Bucket, Mug, shovel, sparkle	Calabash, Karala, Pepper, Aubergine, Spinach, Lady's Finger, Mugpulses, Pui Spinach, Red Spinach, Tomatoo

■ **Targeted Activities-35. Monitoring of IPM Implementation Progress and Achievements**

About two hundred (200) IPM demonstration plot established in different locations under different WMG. IPM sub-committee monitored activities of respective IPM farmer. The project staff CO's, IPM specialist and Agronomist assists monitoring team regularly.

Targeted Activities: D11. Reporting

■ **Targeted Activities-36. Submit Inception Report Progress and Achievements**

At the end of the 2nd month of the project, the Inception report with details of the commencement of activities including polder team, offices, inception workshop, target & work plan, map and infrastucture by JV has been prepared and submitted to BWDB. Total 22 monthly progress reports have been submitted.

■ **Targeted Activities-37. Submit Monthly Progress Report**

Progress and Achievements

During the project period, within the 1st week of the following month, monthly progress report with a detailed description of the activities including target and achievement and work plan undertaken by JV every month has been prepared and submitted to BWDB. Total six quarterly progress reports have been submitted.

■ **Targeted Activities-38. Submit Quarterly Progress Report Progress and Achievements**

During the project period, quarterly progress report with a detailed description of the activities including target and achievement and work plan undertaken by JV every quarter has been prepared and submitted to BWDB.

■ **Targeted Activities-39. Annual Report Progress and Achievements**

Annual progress report has been submitted to BWDB by JV in time.

■ **Targeted Activities-40. Final Completion Report Progress and Achievements**

The district level '**Final Workshop**' of the assignment under contract No. CEIP-1/A2 & B1/S1-E, the JV of AMS, AO & PDI organized in a be-fitting manner on **31st March, 2022** at Patuakhali Press Club conference room with an objective to share overall experience, outputs and learnings of the field level implementation of the specific three components of the assignment with the stakeholders of the polder# 43/2C, 47/2 & 48 Patuakhali and to get their valuable feedback for better functioning of the WMG formed around the polder. Total 65 participants from the different stakeholders participated in the workshop. The ceremony was presided over by Mr. Md. Masud Karim, Chief Extension Officer, Bangladesh Water Development Board, Dhaka. Speaks as an invited special guest-

- Mr. md. Monirul Alam Sarkar, Deputy Chief Extension Officer, Bangladesh Water Development Board, Barishal;
- Mr. Mohammad Ali, Deputy Residential Engineer, Bangladesh Water Development Board, Barishal;
- Mr. Md. Mohiuddin, Mayor, Patuakhali Paurasava, Patuakhali;
- Mr. Md. Samsuddin, President, Patuakhali Press Club.

The final completion report has been prepared by JV and will be submitted to BWDB by 7th May 2022.

3.0 Challenges and Recommendation

Costal Embankment Improvement Project -1(CEIP-1) to implement a project at Kalapara and Golachipa Upazila of PPatuakhali district by BWDB with a view to constructed a polder with a name polder 43/2C, 47/2 & 48. In this regards JV AMS, AO & PDI (NGO) signed a contract to implement a part of tasks establishment of WMO of the polders by the way of social mobilization, participatory scheme cycle management (PSM), participatory afforestation (social afforestation) and Implementation of integrated pest management and the validity of contract November 2019 to March 2022 (including extension period). NGO started to identify the field of work with conducting a household survey. Actually, this is a new site of polder, truly the Sludge gate/Flash gate works are just started few months ahead of contract time. This is the time to establishment of Water Management Organization is a healthy decision to BWDB for people participation supervision, suggestion, idea shearing knowledges to betterment of the polder establishment. In the first phase task of WMO establishment was definitely justify attitude of the project. Simultaneously social afforestation, Integrated pest management awareness program, consultation with stakeholders are disseminating the need full of polder 43/2C, 47/2 & 48. land acquisition activity completed, fund not yet utilized towards the effected community level, embankment construction work started from November,2019 channel digging work dully not in preparation as the sludge /flash gate not yet fully constructed. The various contractual meeting are very much affirmative for implementation and establishment of WMG & WMA by which the task of WMG & WMA formation completed within the contract period. Before the construction of Embankment, Sludge/Flash gate and channel digging work the polders established Construction Supervision Team, O& M fund by their WMOs as a approach of social mobilization for participatory Management & IPSWAM approach. However, few tasks of code D6, D7 & D8 are to be implemented after completion of sludge /Flash gate and embankment which are challenging to do in the contract period. Another challenging task is social afforestation task in this polder, the awareness and stakeholder consultation are

essential part activity before the social afforestation for successful afforestation that are done, now the community & stakeholder knows the necessity of embankment afforestation, and this is also a continuous activity up to completion of afforestation to harvesting. Beneficiary's selection of social afforestation a sensitive assignment of this part and that was done duly without embankment. Absence of embankment up to contract period beneficiary's triparty agreement unable to signed by the parties due to not fulfilment of condition items. All the training assigned in contract dully completed even challenging with COVID-19 period. Integrated pest management demonstration task completed with affirmative scope of fusibility for implementation of IPM practices in complete polder 43/2C, 47/2 & 48. The greater & better implementation of contractual three tasks needs to associate the NGOs starting of planning of the project up to completion of project and after that two to three year for sustainable WMO in the view of financial & operational attitude.

Limitations

It specifies to ensure the participation of all stakeholders in planning, design, implementation and maintenance stage of the project. We started WMO formation in polder 43/2C, 47/2 & 48 in time. At the signing of contract time project implementation work was running. Contract period of NGO for mobilization and setting up WMO ends on November 2021. At the contract period Implementation work was running and still incomplete. In such condition, after formation of WMO, NGOs contract period ended. So, WMA are not getting support from JV or other organization which is essential for sustainable water management.

Recommendation

WMO formation may be completed during planning stage so that stakeholders can participate from early stage of project. Continuation of NGOs support at least two years after physical structure completion of project may be more useful to build WMO as potential organization for development of farmer's skill and knowledge to implement social forestry and IPM and other life changing economic activities.

4.0 Conclusion:

Now the WMOs is ready for workable the organization with the direction of National Water Policy -1919 of Bangladesh and related Guidelines for Participatory water management related documents and TOR emphasizes participatory Water Management and highlights stakeholder's participation project cycle management of water resources. Good side of the CEIP-1 of BWDB that, despite of all limitations BWDB starts participatory water management system in newly developed polders. The people of Polder 43/2C, 47/2 & 48, now are more alert about their responsibility for operation and maintenance for their survival.

Annex List:

- 1. Information on water management organizations;**
- 2. Regarding IPM (Two Reports);**
- 3. Regarding Forestry;**
- 4. Report & Documentation;**
- 5. Contract/MoU**