



Blue Gold Program

Technical Report No. 10

**Outcome of Functionality Assessment for
Water Management Organizations Vol. 2**

Polders 29, 43/2A, 43/2B, 43/2E and 43/1A

Embassy of the Kingdom of the Netherlands,
Dhaka, Bangladesh

Bangladesh Water Development Board (BWDB)
Department of Agricultural Extension (DAE)

September, 2014



Program Data

Name of Program	Blue Gold Program
Activity Number	DHA 0116534/ Act. 24007
Project Start Date	20 February 2013
Project Completion Date	19 February 2019
Approval date DPP (BWDB component)	30 July 2013
Approval date DPP (DAE component)	24 July 2013
Donors	GoN, GoB
Contractor	EuroconsultMott MacDonald
Implementing Partners	Bangladesh Water Development Board (BWDB) Department of Agricultural Extension (DAE)
Contribution GoN	€ 15,750,000 administered by BWDB € 995,000 administered by DAE € 33,100,000 Technical Assistance
Contribution GoB	BWDB: € 7,499,000 DAE: € 356,080
Total project budget	EURO 57,700,080
Exchange rate	1 EURO = 100 Taka

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Issue and revision record

Revision	Date	Originator	Checker	Approver	Description
01	17-08-2014	Victoria Pineda Alamgir Chowdhury John Marandy Shorab Hossain	Dirk Smits Hero Heering	Hero Heering	First draft TR 10
02	02-09-2014	Victoria Pineda	Dirk Smits Hero Heering	Hero Heering	Final version TR 10

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ABBREVIATIONS

AGM	Annual General Meeting
BWDB	Bangladesh Water Development Board
CBOs	Community Based Organizations
CIG	Common Interest Group
COs	Community Organizers
CWM	Chief Water Management
DAE	Department of Agricultural Extension
DC	District Commissioner
DoC	Department of Cooperatives
EC	Executive Committee
FCD	Flood Control and Drainage
FFS	Farmers Field School
FGD	Focus Group Discussion
Ha	Hectare
HH	Household
IGA	Income Generating Activity
IPSWAM	Integrated Planning for Sustainable Water Management
MoU	Memorandum of Understanding
NGOs	Non-Government Organizations
O&M	Operation and Maintenance
PDP	Polder Development Plan
PMC	Project Management Committee
PWM	Participatory Water Management Rules
UNO	UpazilaNirbahi Officer
UP	Union Parishad
VAP	Village Action Plan
WMA	Water Management Association
WMCS	Water Management Cooperative Society
WMG	Water Management Group
WMO	Water Management Organization
ZSEs	Zonal Socio-Economists

I. INTRODUCTION

This report is the continuation of the Technical Report 03 submitted in November 2013 which covered Polders 22, 30, 43/2D and 43/2F.

In this report, outcome of the Water Management Organization (WMO) Functionality Assessment conducted in the remaining five(5) polders for fine tuning works is presented. The 5 polders are: Polder 29 in Khulna and Polders 43/2A, 43/2B, 43/2E and 43/1A in Patuakhali. Actual implementation of this activity including compilation and analysis of data was undertaken from January to May 2014 covering a total of 11 Water Management Associations (WMAs) and 132 Water Management Groups (WMGs).

It should be noted here that the WMO functionality assessment activity is part and parcel of the whole WMO strengthening strategy of Blue Gold. The key members of the existing Executive Committees of WMAs and WMGs including selected people from the general members were involved in surfacing the strengths, weaknesses and the key issues affecting the present status of the WMOs during the FGDs. Outcome of these FGDs induced them to start taking actions to reactivate and strengthen their respective WMGs and WMAs.

II. OBJECTIVES

Assessment of the functionality of the WMOs aims to pinpoint the status of the existing WMOs in view of Blue Gold objective to strengthen WMOs to a level where they can be engaged in sustainable socio-economic development activities. The review was carried out on the following aspects of the WMOs:

1. Organizational Aspect: Leadership, Membership, Committees of WMGs and WMA, and the Planning and Decision making process (including male and female participation);
2. Cooperative Aspect: Registration, Present Membership, shares and savings, and Income Generating Activities (IGAs) and Annual General Meetings (AGMs);
3. Water Management Aspect: O&M Agreement Implementation (O&M works being conducted), present issues/problems; and
4. Conflict Management

The outcome of this assessment will be utilized in formulating an action plan to be implemented in the ***strengthening of the WMOs under the Blue Gold Program and in laying the foundation*** for planning and implementation of the water management fine tuning intervention, agricultural development and business development aspects. The evaluation parameters and indicators were developed in the context of the Blue Gold framework and objectives. The assessment is not meant to evaluate the functionality of the existing WMOs in the context of IPSWAM project or its performance, primarily because IPSWAM had a much more limited mandate than Blue Gold.

The following table presents briefly the mandate of IPSWAM and Blue Gold in terms of the parameters and indicators used for the functionality assessment.

Table 1. Comparative Matrix on IPSWAM and Blue Gold Mandate Based on WMO Functionality Parameters

No.	Parameters	IPSWAM MANDATE	BLUE GOLD MANDATE
1.	Organizational Management	<ul style="list-style-type: none"> Organize WMOs to participate actively in the planning and implementation of rehabilitation works and assume O&M responsibilities in accordance to O&M Agreement with BWDB Strengthen women participation in all activities and increase number of women in leadership posts 	<ul style="list-style-type: none"> In addition to those mentioned in IPSWAM mandate, Blue Gold will develop capacity and enable WMOs to perform socio-economic functions and engage in activities related to agriculture and food security, value chain and business development, environmental management, and disaster management.
2.	Operation and Maintenance	<ul style="list-style-type: none"> Enable WMOs to perform routine O&M works through the WMA and O&M/Block Committees BWDB to perform periodic maintenance and emergency works and provide technical support to WMOs during and after project. IPSWAM did not pursue creation of O&M funds but encouraged WMOs to contribute labour and materials and collect cash when needed for O&M. BWDB to facilitate handing-over of acquired lands and water bodies for WMO management and source of O&M funds 	<ul style="list-style-type: none"> Basically the same mandate but will assist WMOs in creating O&M funds for regular routine and emergency works and to pursue with BWDB handing-over of acquired and un-utilized lands and water bodies to WMO Strengthen/establish partnership of WMOs with Local Government Institutions (LGIs) at Upazila and Union Parishad levels specifically in the formulation of Village Action Plans and Polder Development Plan.
3.	Cooperative Development	<p>No mandate but IPSWAM facilitated registration of WMGs with DoC and guided WMGs in the collection of shares and savings and in undertaking some IGAs. Registrations were accepted by DoC from 2008 onwards. Moreover, IPSWAM initiated basic training programs related to</p>	<ul style="list-style-type: none"> Strengthen existing WMOs and develop their capacity to perform not only water management functions but also economic activities Provide capacity building and logistic support to DoC Strengthen cooperation and

No.	Parameters	IPSWAM MANDATE	BLUE GOLD MANDATE
		Cooperative development and management in coordination with DoC.	coordination with DoC <ul style="list-style-type: none"> • Improve income level of the households enabling them to contribute more for O&M • Pursue more vigorously handing over of acquired and un-utilized lands and water bodies by BWDB to the WMOs for agro-economic activities to create fund for O&M and office logistics of WMOs.
4.	Conflict Management	<ul style="list-style-type: none"> • Village based WMGs as an approach to WMO formation facilitated management of conflicts at lowest level possible 	<ul style="list-style-type: none"> • Will adopt village based WMGs as an approach for WMO formation not only for effective and efficient conflict management but also to facilitate implementation of business enterprise and cooperative activities • Renaming and re-organization of existing Block Committees to Water Management Committees (WMCs) at each catchment/sluice area to strengthen O&M planning and implementation

IPSWAM successfully carried out its mandate but sustaining functionality of the WMOs was difficult due to several factors which are elaborated under Chapter VII. A.

III. CONTENT AND METHODOLOGY

The Community Organizers (COs) assigned in the polders were responsible for this activity. The Zonal Socio-Economists (ZSEs) provided close guidance and supervision throughout the process. The following were the methodologies used for the assessment process:

1. Conducted FGDs with WMA and WMG executive committee members and selected key informants from the general members (male and female). FGDs were conducted with women separately to enable them to express more freely their views and opinions;
2. Inspected books and minutes of meetings of the WMAs and WMGs; and
3. Ocular inspection of the polder infrastructure and canals (*khals*).

Annex A presents a checklist of the data/information gathered by the COs and the format for the functionality assessment showing the parameters and corresponding indicators. Scores or points have been assigned to the ratings as follows: A=4 points; B=3 points; and C=2 points. The total rating was calculated from the total of points obtained in all 4 aspects assessed as follows: 14-16 points= Cat A; 11-13 points = Cat B; and 8-10 points = Cat C. The WMG's and WMA's are then brought under three (3) categories to guide the WMO strengthening and mobilization activities for Blue Gold Program, as follows: **Category A:** The WMA's and WMG's that fall in this category are ready to participate in Blue Gold activities with a minimum of organizational management strengthening; **Category B:** The WMA's and WMG's in this category will be given more guidance and assistance in strengthening their organizational management and leadership aspects to prepare them to participate fully in Blue Gold activities; **Category C:** The WMA's and WMG's in this category will require re-organization and strengthening of their leadership and management in order to get them ready for Blue Gold activities; and **Category Dormant:** The WMA's and WMG's in this category will require re-activation and/or formation of new WMO.

IV. LIMITATIONS IN CONDUCTING THE WMO FUNCTIONALITY ASSESSMENT

1. The methodology as described earlier mainly used Focus Group Discussions (FGDs).
2. The specific respondents were not pre-selected prior to the conduct of the assessment. Some key informants and some members of the Executive Committee (EC) of WMGs and WMAs were informed and were requested beforehand to invite general members (men and women) including EC members and office bearers to come for FGDs.
3. The COs who conducted the assessment activities (FGDs and collection of secondary data) vary in terms of their level of skills and knowledge in conducting Participatory Rural Appraisal (PRA) methodologies and community organizing experience.
4. Conflict management information has been difficult to surface. In most cases, no conflict was reported by the respondents. In dormant WMGs, conflict management was rated "Good" because no conflicts were reported.
5. This activity and accompanying report preparation took time to be completed because it has to be undertaken in parallel with other urgent community mobilization activities such as needs assessment meetings and polder development planning (PDP). Specifically for Polder 43/2A where decision to start earthwork in 2013 was taken, COs with Component 1 and 2 teams have to assist WMGs in forming and training LCS groups. In addition, the issuance of the PWM Rules 2014 necessitated planning and implementation of other activities such as meetings and a workshop with BWDB Chief Water Management (CWM, formulation of model by-laws, etc.

V. BACKGROUND INFORMATION ON THE WATER MANAGEMENT GROUPS (WMGs)

Basic information on each WMG in the five (5) polders was gathered by the Community Organizers during the functionality assessment. These data were gathered during the assessment period (January-April 2014). These are continuously being updated as part of the WMG strengthening process.

Data on the number of households per village and WMG membership at the time of formation and those registered at present are presented in Table 2.

Table 2. Basic Information on WMG Membership and Number of Households in the Five (5) Polders

Particulars	Polder 29	Polder 43/2A	Polder 43/2B	Polder 43/2E	Polder 43/1A
Number of WMGs	56	22	28	12	14
Total Number of Households (HHs)	14964	8628	8,018	2,797	4,862
Average no. of HHs per WMG	230	342	371	250	347
Number of registered members at the time of assessment (% of HH representation)	2474 (17%)	1443 (17%)	1909 (24%)	546 (20%)	952 (20%)
Number of registered female members (%)	944 (38%)	565 (39%)	701 (37%)	224 (41%)	336 (35%)
Number of registered male members (%)	1530 (62%)	878 (61%)	1208 (63%)	322 (59%)	616 (65%)

Registered members are those who bought shares and deposited monthly savings from the time the WMG registered with the Department of Cooperative. The percentage of households represented in the number of registered members is based on the assumption that the members come from different households. It can be gleaned in Table 2 that there is low percentage of household representation in WMG membership. However, female membership percentage is within the target percentage for Blue Gold.

VI. WMO FUNCTIONALITY RATING AND RECOMMENDATIONS

A. KHULNA ZONE

1. Polder 29

Functionality Rating. There are 2 WMAs and 56 WMGs in this polder. Analysis of the functionality assessment formats accomplished by the COs for each of the WMAs and 56 WMGs showed the following outcome:

Table 3. Summary of Functionality Status of WMOs in Polder 29

No.	WMOs	WMO OVERALL RATING			
		CAT. A	CAT. B	CAT. C	DORMANT
1.	WMA = 02	1(50%)	1 (50%)	-	-
2.	WMGs = 56	6 (11%)	11 (20%)	35 (62%)	4 (7%)

Annex B presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder. It also presents the proposals of the WMO respondents on how to improve functionality of the WMOs.

B. PATUAKHALI ZONE

1. Polder 43/2A

Functionality Rating. There are one existing WMA and 22 WMGs in this polder. Table 4 shows the summary of the functionality status of these WMOs.

Table 4. Summary of Functionality Status of WMOs in Polder 43/2A

No.	WMO	WMO OVERALL RATING			
		CAT. A	CAT. B	CAT. C	DORMANT
1.	WMA = 1	-	-	1 (100%)	-
2.	WMGs = 22	-	11 (50%)	10 (45%)	1 (5%)

Annex C presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder. It also presents the proposals of the WMO respondents on how to improve functionality of the WMOs.

2. Polder 43/2B

Functionality Rating

There are 6 WMAs and 28 WMGs in Polder 43/2B. In this polder, the WMAs were formed on catchment area basis (drainage sluice based) as a kind of experimentation to compare functioning of a WMA at polder level and a WMA at catchment level.

Table 5 shows the summary of the functionality status of these WMOs.

Table5. Summary of Functionality Status of WMOs in Polder 43/2B

No.	WMO	WMO OVERALL RATING			
		CAT. A	CAT. B	CAT. C	DORMANT
1.	WMA = 6	-	-	3 (50%)	3 (50%)
2.	WMGs = 28	1 (4%)	1 (4%)	6 (21%)	20 (71%)

Annex D presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder. It also presents the proposals of the WMO respondents on how to improve functionality of the WMOs.

3. Polder 43/2E

Functionality Rating

There are 1WMA and 12 WMGs in Polder 43/2E. Table 6 shows the summary of the functionality status of these WMOs.

Table 6. Summary of Functionality Status of WMOs in Polder 43/2E

No.	WMO	WMO OVERALL RATING			
		CAT. A	CAT. B	CAT. C	DORMANT
1.	WMA = 1	-	1 (100%)	-	-
2.	WMGs = 12	-	-	1 (8%)	11 (92%)

Annex E presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder. It also presents the proposals of the WMO respondents on how to improve functionality of the WMOs.

4. Polder 43/1A

Functionality Rating

There are 1 WMA and 14 WMGs in Polder 43/1A. Table 7 shows the summary of the functionality status of these WMOs.

Table 7. Summary of Functionality Status of WMOs in Polder 43/1A

No.	WMO	WMO OVERALL RATING			
		CAT. A	CAT. B	CAT. C	DORMANT
1.	WMA = 1	-	-	1 (100%)	-
2.	WMGs = 14	1 (7.14%)	2 (14.29%)	2 (14.29%)	9 (64.28%)

Annex F presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder. It also presents the proposals of the WMO respondents on how to improve functionality of the WMOs.

VII. CONCLUSIONS AND RECOMMENDATIONS

A. FACTORS AFFECTING WMO FUNCTIONALITY

Some deductions on the factors that contributed to the overall readiness of existing WMOs in the 5 polders can be drawn from the information gathered from and responses of FGD participants during the assessment and recent field visits of Blue Gold staff. The following describe some of the major factors (or combinations of these factors) that have contributed to the high percentage of Category C and dormant WMOs in the 5 polders.

1. Functioning of the FCD infrastructure and O&M

- a. People were de-motivated and frustrated over the poor quality of FCD system. The overall condition of FCD structures, embankment and khals after IPSWAM project was not good because some works were not fully completed due to fund constraints. Repairing major damage to infrastructures in the five polders specifically in the embankments and major khals wrought by 2 strong cyclones (Sidr on November 15, 2007 and Cyclone Aila on May 25, 2009) entailed huge expenditures and BWDB did not have enough funds to complete the works.
- b. Exacerbating this condition is the absence of any preventive maintenance on the part of BWDB as stipulated in the O&M agreement with the WMAs after completion of FCD system that resulted to backlog in the maintenance.
- c. Routine maintenance being done by the WMOs used mainly manual labor and the need for creating a regular O&M fund was not seen and was not pursued during IPSWAM. Contributions were collected from economically better off people in the polder area when O&M works, specifically in the sluices and other structures, required materials and some cash. Block Committees and Gatekeepers have been formed and appointed to be responsible for O&M of these structures but these did not function fully.
- d. Interference of influential and rich people as well as other interest groups in the operation and maintenance of FCD structures worsened water management conditions in the polders.

2. Experience of WMGs in Cooperative and Financial Management Activities

- a. In order to have legal status, WMGs had to register earlier with the Department of Cooperative (DoC) as prescribed by BWDB during the IPSWAM project. In order to register, the WMGs, as per requirement stipulated in the Cooperative Society Act 2001, had to collect shares and savings from at least 25 people or a minimum of Tk 2000. Once registered, the WMGs became Water Management Cooperative Societies (WMCSs) and started to involve only those who bought shares and savings in the affairs of the WMG excluding other members previously involved specifically in meetings and activities relating to water management and O&M aspects. Overall, there is low representation in the Cooperative membership compared with the total number of potential household members in the village as shown in Table 1. In general, the cooperative membership increased overtime but still below 50% of the potential household members. Decision-making and planning processes on water management, O&M and other organizational activities no longer involved majority of the people in the village as compared during IPSWAM time where all adult villagers were encouraged and motivated to be involved.
- b. WMGs specifically the Executive Committee members and office bearers basically lacked the necessary preparations to undertake cooperative and financial management activities on top of their water management responsibilities after they have registered with the DoC. They lacked skills development in: managing a cooperative; financial management; bookkeeping and record keeping; implementing suitable enterprises/IGAs. Micro credit was the most common IGA implemented by the WMGs and several of these WMGs have not recovered all loans distributed. It should be noted here that IPSWAM project did not have the mandate to develop capacity and/or prepare WMGs for cooperative/business activities.

3. Leadership and Organizational Management

- a. New elections of Executive Committee members including office bearers after expiry of their term of office was not done as stipulated in the WMO by-laws and regulations
- b. Lack of transparency in the cooperative activities and financial status was reported by several WMGs. There was mismanagement of funds by some WMG office bearers.
- c. Books and records including minutes of meetings and resolutions were in general not properly kept and updated. In several cases, the books are missing or have been lost.
- d. Absence of organizational funds contributed partly to the slowing down and/or stoppage of WMG activities and meetings by WMO Executive Committee and office bearers. They opined that they always have to use their personal money. Membership or admission fee was not collected at the time of the WMO formation nor was any collection of contribution from members/users initiated.

B. RECOMMENDATIONS

- a. Efforts in strengthening leadership and organizational aspects of the WMOs should be combined with developing their awareness and skills in formulating and implementing socio-economic enterprises and other income generating activities (IGAs). This is within the purview of Blue Gold's mandate which will be pursued. Formation of sub-committees will be initiated to help the WMOs manage more effectively and efficiently their water management and socio-economic activities.

- b. Blue Gold with support from EKN should strongly pursue with BWDB to hand-over or make possible for WMOs to manage unused water bodies/borrow pits and/or acquired lands in the polder area for demonstration and enterprise development activities. Income from these resources will be used partly for O&M and organizational activities.
- c. Blue Gold should provide simple office building for each WMG with basic office furniture and equipment to motivate WMG ECs to conduct regular meetings and AGMs and to provide a venue for the members involved in cooperative/enterprise development activities e.g. depositing savings, buying shares, inspecting books, etc. A WMG office is also needed to keep acquired assets (equipment/machineries) records, books of accounts, and by-laws, other important documents and to post important bulletins/announcements. This was surfaced during FGDs with several WMG Executive member-respondents. The counterpart from WMG for this office building will be the land/building site.
- d. Conduct staff development sessions for ZSEs and COs on the following topics: i) Organizational Management and Leadership which should also include Gender Orientation; ii) Financial Management with accounting and bookkeeping; and iii) Cooperative management and enterprise development. Component 1 already started conducting these in December 2013 on a regular basis in each zone. Moreover, in April 2014, Component 4 team, in coordination with Component 1 and Training Unit, conducted Value Chain and Farm Machineries Operations and Maintenance Orientation to the ZSEs and COs.
- e. Strengthen coordination/linkage with BRAC WASH and Max Foundation to help address water supply and sanitation issues in the polder areas.
- f. Strengthen coordination/linkage with Local Government Institutions (LGIs) to enable WMOs to take active participation in disaster risk reduction and sustainable environment management. More importantly, WMOs will be encouraged to participate in the budget/planning processes of Union Parishads as an integral part of its polder development and village action plan formulation activities.
- g. Increasing membership enrolment has been one of the urgent mobilization activities of the COs. Poor household representation in the existing WMG membership is seen as a major factor contributing to the weakening of WMO functionality during the latter part of IPSWAM and transition period between IPSWAM and Blue Gold Program. Election of new Executive Committees (EC) that will genuinely serve for the good of the organization is also being pursued vigorously. The Participatory Water Management (PWM) Rules 2014 gives a boost to this effort. The new rules stipulate that all existing WMGs will be registered under BWDB with the requirement to increase member enrolment representing the households to at least 55% of the households. This also implies that the members of the EC should be elected by the majority of WMO members representing at least 55% of the households.

- h. Strengthening operation and maintenance (O&M) in the existing polders is a major component in the WMO strengthening strategy of Blue Gold. The O&M Agreement between WMA and BWDB needs to be reviewed, O&M planning by WMO and BWDB needs to be strengthened/installed in the process, O&M messages (in festoons/billboards) need to be communicated within the polder and WMO meeting venues to remind the people of their water management responsibility. WMO reformation is an important element in the efficient water management and O&M of the existing polders. As described in the PWM Rules 2014, the following are the tiers of the WMO depending on the size and number of stakeholders: 2-tiers WMO for small project (up to 1,000 ha); 2 or 3-tier WMO for medium type project (between 1,000-5,000 ha) and for large project, a 3-tier WMO may be formed. Blue Gold polders belong to the 'medium type project' and will therefore adapt the 3-tier WMO as follows: WMG as the 1st tier which is village based; WMA, the 2nd tier of WMO which is catchment area based; and WMF as the 3rd tier which will be the apex body at the polder level.

Other Recommendations

- i. Organize study tour for Blue Gold WMGs and experience sharing visits to successful WMOs/cooperatives, producer groups, business enterprises (government, private, other projects).
- ii. Implement innovative programs/activities such as pilot implementation of new strategies/approaches in helping WMOs implement successful cooperative projects/business enterprises. One example is the plan of Component 4 to set-up pilot on proper operation and management of farm machinery to develop WMGs' capacity in performing business function apart from its water management function. Process documentation will be an important element in this exercise.

ANNEX A: DATA CHECKLIST AND FORMAT FOR WMO FUNCTIONALITY ASSESSMENT

I. Data Checklist

The following were the specific information gathered by the Community Organizers during the FGDs.

A. Organizational Aspect

1. General Information: Polder Number, Area in ha., Number of Villages, Number of Households, population (disaggregate male/female number) existing CBOs/Groups, if any.
2. Number of WMGs and for each WMG data was gathered on date of formation, registration with Department of Cooperative (DoC), total number of members (registered members and potential members). Disaggregated data into male and female members at the time of registration and present. Regularity in holding AGMs, audits and elections, as per cooperative rules and/or bylaws.
3. For each WMG, the following were gathered: number of times re-election of leaders was undertaken, reasons for re-election, manner of election/selection (if majority of members had a say in the election/selection and if the process was generally handled by the more influential/rich people). The background on leaders elected in the executive committees, block committees and WMA executive committee was also gathered. Lastly, it was checked if males and females are included in important positions, such as president, vice-president, secretary, treasurer / cashier, etc.
4. WMG and WMA regular meetings (both at executive and general membership levels) conducted, attendance in numbers and as a percentage (disaggregate into male/female attendees), agenda, plans and key decisions made in the last year. Regarding agenda, plans and decisions/resolutions made: who made these? (Only male members, mixed with approximately equal input from men and women, or only female members?) , how many of these decisions/resolutions/plan of activities made have been implemented?
5. Check accounts, records and books kept and maintained by the WMGs and WMA (checked entries and dates). Including minutes of meetings.
6. Check if WMA office building, furniture and administrative equipments are available and properly maintained.
7. Check level of satisfaction of those interviewed with the present leadership of the WMG and WMA. Do men and women have the same opinion? If not, specify.
8. Get their suggestions as to how to further improve and strengthen the WMG.
9. Do women normally speak out during WMG or WMA meetings? If so, do the men listen and take seriously what the women say? Do women actively participate in the planning and decision-making within the WMG / WMA?

B. Cooperative Aspect (for each WMG)

1. Percentage of present registered members versus total potential members in the WMG and ratio between male and female members. If the gaps are wide (less than 50% of potential members being registered member; less than 30% of WMG members being women), find out reasons why others are not yet members of the cooperative.
2. Amount of shares and savings and total amount of shares and savings to date. Where is the bank account opened, if any? And who operates the bank account (male or female or both)?
3. Check if WMG has credit/loan program from their own savings, when it started, get how many have availed of this (again disaggregate male/female data), purpose of loan, loan repayment efficiency and male and female repayment behaviour. Any loans taken from outside? If so, collect similar details.
4. Other recent cooperative related activities being undertaken at present e.g. other IGAs.

Get suggestions from male and female members as to how to improve overall operations of the cooperative

B. Management of Operation and Maintenance

1. Check if each WMA and WMG carried out the routine O&M activities in the past 2 years as specified in the O&M agreement with BWDB (get a copy of said agreement before assessment). Get data on when these were carried out and how many participated (no. of male and female). Reasons and factors contributing to the level of performance.
2. What was contributed by those involved? Labor/in kind/cash
3. Get information on regular O&M activities performed by the Block committee and gate operator, also disaggregate for male and female.
4. Was there any major maintenance works carried out by the WMG/WMA in the past 2 years? Describe nature and reasons for doing so and what resources were mobilized, from whom?
5. Is there any form of fund raising/resource mobilization mechanism developed by the WMG/WMA in the event of major disaster/maintenance works?
6. Check what are the major water management issues they are currently facing and check if they have done something about these. If drinking water is an issue, also pay attention to this (even if providing drinking water is not part of component 2, but it may compete e.g. with irrigation water). Do men and women have different priorities? Describe what they have done/when/who were involved?

D. Conflict Management

1. Are there major factions in the village? Who are involved?

2. Were there major conflicts that the village encountered recently (past one year)? Describe briefly, if any
3. How were the conflicts handled? Who were involved in the settlement of these conflicts?

II. FORMAT FOR WMO FUNCTIONALITY ASSESSMENT

Sl. No.	KEY PARAMETERS & INDICATORS	Rating			Overall Rating
		Cat A	Cat B	Cat C	
A.	ORGANIZATIONAL MANAGEMENT				
1.	Water Management Group (WMG)				
a.	WMG Executive Committee members were elected/selected by the general members of the village Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
b.	WMG Chairperson was elected/selected by the general members of the village Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
c.	WMG Vice-Chairperson was elected/selected by the general members of the village Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
d.	WMG Secretary was elected/selected by the general members of the village Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
e.	WMG Joint Secretary was elected/selected by the general members of the village Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
f.	WMG Treasurer was elected/selected by the general members of the village Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				

Sl. No.	KEY PARAMETERS & INDICATORS	Rating			Overall Rating
		Cat A	Cat B	Cat C	
g.	Number of female members (FM) selected or elected in the WMG Executive Committee Code: 4 FM including any 2 from Chairperson, Vice-Chairperson, Secretary, Joint Secretary and Treasurer = A, 4FM = B, 3 FM or less = C				
h.	WMG regularly conducted Annual General Meetings during last 2 years Code: 2 meetings = A; only 1 meeting = B; No meeting = C				
i.	WMG general members attended in the Annual General Meeting last year Code: More than 70% = A; 50% = B, less than 50% = C				
j.	Majority of the WMG general members participated actively in the Annual General Meeting for key planning and decision making process last year Code: more than 50% = A; less than 50% = B, only few = C				
k.	Average attendance of female members in WMG Annual General Meeting last year Code: More than 70% = A; 50% = B, less than 50% = C				
l.	Majority of the female members in attendance participated actively in the WMG Annual General Meeting in key planning and decision making process last year Code: More than 50% = A; less than 50% = B, only few = C				
m.	WMG regularly conducted Monthly Executive Committee (EC) Meetings last year Code: More than 9 meetings = A; less than 9 = B; less than 6 = C				
n.	WMG EC members attended in the Monthly Executive Committee (EC) Meetings last year Code: More than 70% = A; 50% = B, less than 50% = C				
o.	Majority of the EC members participated actively in the Monthly Executive Committee (EC) Meetings for key planning and decision making process last year Code: More than 50% = A; less than 50% = B, only few = C				
p.	Average attendance of female members in WMG EC Monthly meetings last year Code: more than 70% = A; 50% = B, less than 50% = C				
q.	Majority of the female members in attendance participated actively in the WMG EC monthly Meeting in key planning and decision making process last year Code: More than 50% = A; less than 50% = B, only few = C				
r.	Minutes of WMG Annual General Meetings are kept Code: Minutes of all meetings = A; only 60% of meetings held = B; Only few or no minutes = C				
s.	Minutes of WMG EC monthly meetings are kept Code: Minutes of all meetings = A; only 60% of meetings held = B;				

Sl. No.	KEY PARAMETERS & INDICATORS	Rating			Overall Rating
		Cat A	Cat B	Cat C	
	Only few or no minutes= C				
t.	WMG Executive Committee members are satisfied with the performance of the WMA Executive Committee members Code: More than 70% = A; 50%= B, less than 50%= C				
u.	WMG Executive Committee members are satisfied with the cooperative activities of the WMG Code: More than 70% = A; 50%= B, less than 50%= C				
v.	The general members are satisfied with the cooperative activities of the WMG Code: More than 70% = A; 50%= B, less than 50%= C				
w.	WMG general members are satisfied with the performance of the WMG Executive Committee members Code: More than 70% = A; 50%= B, less than 50%= C				
x.	Income Generating Joint Activities of the WMG Code: There are joint IGAs= A; Joint IGAs planned = B, No joint IGAs/No such plan= C				
y.	Percent of the total plans/resolutions/decisions made by the WMG was implemented Code: More than 70% = A; 50%= B, less than 50%= C				
z.	Suggestions to strengthen the WMG: i. ii. iii.				
2.	Water Management Association (WMA)				
a.	WMA Executive Committee members were elected/selected by the WMG representative members (WMA general members) Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
b.	WMA Chairperson was elected/selected by the WMG representative members Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
c.	WMA Vice-Chairperson was elected/selected by the WMG representative members Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
d.	WMA Secretary was elected/selected by the WMG representative members Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				

Sl. No.	KEY PARAMETERS & INDICATORS	Rating			Overall Rating
		Cat A	Cat B	Cat C	
e.	WMA Joint Secretary was elected/selected by the WMG representative members Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
f.	WMA Treasurer was elected/selected by the WMG representative members Code: Unanimous/ Elected/selected by more than 50% = A; selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
g.	Number of female members selected or elected in the WMA Executive Committee Code: 4 FM including any 2 from Pres, Vice-Pres, Sec and Treasurer = A, 4FM = B, 3 FM or less = C				
h.	WMA regularly conducts Executive Committee Meetings (monthly/bi-monthly) last year Code: 5-9 meetings = A; 4-8 meetings = B; less than 3 or No meeting = C				
i.	WMA EC members attended in the Executive Committee Meetings (monthly/bi-monthly) last year Code: more than 70% = A; 50%= B, less than 50%= C				
j.	WMA female EC members attended in Executive Committee Meetings (monthly/bi-monthly) last year Code: more than 70% = A; 50%= B, less than 50%= C				
k.	Majority of the EC members participated actively in the Executive Committee Meetings for key planning and decision making process last year Code: More than 50% = A; less than 50%= B, only few= A				
l.	Female EC members participated actively in the Executive Committee Meetings for key planning and decision making process last year Code: More than 50% = A; less than 50%= B, only few= C				
m.	WMA regularly conducted Annual General Meetings (AGMs) during last 2 years Code: 2 meetings = A; only 1 meeting = B; No meeting = C				
n.	WMA general male members attended in the AGMs last year Code: More than 70% = A; 50%= B, less than 50%= C				
o.	WMA general female members attended in the AGMs last year Code: More than 70% = A; 50%= B, less than 50%= C				
p.	Majority of the general members participated actively in the AGMs for key planning and decision making process last year Code: More than 50% = A; less than 50%= B, only few= C				
q.	Majority of the female members in attendance participated actively in the AGMs in key planning and decision making				

Sl. No.	KEY PARAMETERS & INDICATORS	Rating			Overall Rating
		Cat A	Cat B	Cat C	
	process during last one year Code: More than 50% = A; less than 50%= B, only few= C				
r.	Percent of the total plans/resolutions/decisions made by the WMA was implemented Code: More than 70% = A; 50%= B, less than 50%= C				
s.	Minutes of WMA Executive Committee Meetings (monthly/bi-monthly) are kept Code: Minutes of all meetings = A; 60% of meetings = B; less than 50% or no minutes= C				
t.	Minutes of WMA Annual General Meetings are kept Code: Minutes of all meetings = A; 60% of meetings = B; less than 50% or no minutes=C				
u.	WMA general members are satisfied with the performance of the Executive Committee members Code: More than 70% = A; 50%= B, less than 50%= C				
v.	WMA settles conflict/s between WMGs Code: Always = A; Occasionally = B, Not at all = C				
w.	WMA Office is well maintained Code: Regularly maintained = A; Occasionally maintained = B; Not maintained = C				
x.	Suggestions to strengthen the WMA: i. ii. iii.				
B.	WMG COOPERATIVE ASPECT				
1.	Percent of total HHs represented as Registered Members in the Cooperative Code: More than 50% HHs = A; about 50% = B, Less than 30% = C				
2.	Percentage of registered members are female (RFM) Code: More than 50% = A, about 50 % = B %; Less than 30% = C				
3.	WMG passes satisfactorily annual audit of Department of Cooperatives (DoC) Code: Yes, yearly= A; given warning = B; Registration suspended/cancelled = C				
4.	WMG timely maintains its books of accounts and records. Code: Updates within 1 month of due date = A; Updates within 2 months of transaction = B; Updates records after 3 months or not at all= C				
5.	WMG is engaging in cooperative activities e.g shares and savings, microfinance, IGAs. Code: IGAs and shares & savings and loans= A; Only savings and loans= B; Only shares and savings= C				
6.	Timely repayment of loan by female members Code: 100% = A; 80%= Br; Less than 80%= C				
7.	Timely repayment of loan by male members Code: 100% = A; 80%= B; Less than 80%= C				

Sl. No.	KEY PARAMETERS & INDICATORS	Rating			Overall Rating
		Cat A	Cat B	Cat C	
Overall Rating on Cooperative Aspects					
C.	Management of Operation and Maintenance based on O&M Agreement with BWDB				
1.	WMA operates and maintains the sluice gates following the O&M agreement Code: All gates = A; 60% = B; less than 60% gates = C				
2.	Cleaning of water hyacinth & obstacles carried out in canals by WMA Code: All canals (primary, secondary & tertiary) = A, Some canals (primary & secondary)= B; Only tertiary canals or not all= C				
3.	WMG operates and maintains the infrastructures Code: Does regularly = A; Does sometimes= B; Does not do= C				
4.	WMG general male members participate in O&M activities Code: More than 70% = A; 50%= B, less than 50%= C				
5.	WMG general female members participate in O&M activities Code: More than 70% = A; 50%= B, less than 50%= C				
6.	WMA has sufficient resources/funds for routine O&M works Code: Sufficient = A; barely enough funds = B; insufficient or none=C				
7.	WMA has sufficient resources/ funds for major maintenance works caused by natural disasters Code: Sufficient = A; barely enough funds = B; insufficient or none = C				
D.	CONFLICT MANAGEMENT				
1.	Factions in the village/WMG over water management issues Code: Different Interest groups exist but they come to agreement on most issues = A; Different Interest groups exist but difficult to come to agreement on some issues = B, Many factions exist and they do not come to agreement on most issues = C				
2.	Conflicts in the village/WMG during the last year over water management issues Code: Some conflicts occurred but were resolved effectively = A; Conflicts occurred but not all resolved effectively= B, Serious/major unresolved conflicts exist = C				
3.	WMG Conflict resolution Code: All conflicts are resolved within the village/WMG= A; A number of conflicts are resolved by the WMG itself = B; Most village/WMG conflicts are resolved at Union Parishad or by court = C				

Annex B: POLDER WISE SUMMARY OF WMO FUNCTIONALITY ASSESSMENT

Name of Zone: Khulna

Polder No. 29

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
A	Bandherpara WMA	-	3	-	-	3	-	N/A	N/A	N/A	4	-	-	10	Cat B. 4 female members' elected and only one has a post (Vice Chairperson, VC). Prior to Blue Gold, the last general members' meeting held on Nov. 28, 2013. Plan implementation of WMA is fair. However women participation in meetings and decision-making is weak but satisfaction of members to their WMA is fair.
1	DumuriaUttorWMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. Out of 5 executive female members, one holds the Joint Secretary (JS) post. The last EC meeting held was on Oct. 5, 2013 and last audit was done on Aug. 17, 2011. Total number of households is 620 with only 53 WMG members (27 Female members). Total shares collected were Tk 6,360 shares and Tk 21,200 savings. Bookkeeping is poor. This WMG has not implemented any IGA/business enterprise.
2	DumuriaDakkhinWMG	4	-	-	4	-	-	-	3	-	4	-	-	15	Cat A. Out of 4 executive female members, 2 holding posts of VC and JS. The last EC meeting held was in April 2010. Total number of households is 221 with 54 WMG members (17 Female members). There is low HH representation in the cooperative. Total shares collected was Tk1,250 shares and Tk35,461 savings which are all

¹ Conflict management was rated good in many WMGs for the reason that no conflict (water management and other types of conflict) has been reported or recorded in the village..

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															deposited in the Bank. This WMG has not implemented any IGA/business enterprise. The last audit was conducted on Aug. 17, 2011. WMG performs infrastructure maintenance and participation from members is good.
3	BhabderparaWMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 3 executive female members with one holding the Cashier post. No AGM done but audit was conducted on March 5, 2013 though bookkeeping was poor and there had been no cooperative activities. The last EC meeting held was in June 2010. Total number of households is 464 with 31 WMG members (only 5 female members). Total shares collected were Tk 3,120 shares and Tk. 7,450 savings. This WMG has not implemented any IGA/business enterprise. O&M is done at structure and khal levels by the WMG but participation is quite weak.
4	UlaCharaiWMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. No organizational and cooperative activities at the time of assessment. All WMG records are lost which according to key informants were misplaced by DoC. Total number of households is 260 with 22 WMG members (10 female members). No record of savings and shares but money in bank is Tk 1,000. This WMG did not implement any IGA/microcredit activity. WMG still performs maintenance works in the khal though participation is not that good.
5	Rajibpur WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 5 executive female members with 2 holding the VC and JS posts. No AGM for more than 2 years but audit was last conducted and approved on Sept. 27, 2012. The last EC meeting held was in Aug. 2009. Total number of households is 300 with 30 WMG members (only 6 female members). No shares collected only savings amounting to Tk. 2,400 and money in bank is Tk 1,000. This WMG did not implement any IGA/business enterprise. All activities have stopped including O&M.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
6	Banda WMG	4	-	-	-	3	-	4	-	-	4	-	-	15	Cat A. There are 4 executive female members and two holding the VC and JS posts. There is no data on AGM but last audit was conducted on June 30, 2011.. The last EC meeting held was in Nov. 19, 2011 with good attendance and participation especially from women. Total number of households is 477 with 51 WMG members (32 Female members). Total shares collected were Tk. 7,650 shares and Tk. 54,540 savings. Tk. 62,000 was invested in microcredit and loan repayment is good. Bookkeeping is fair. Structure and khal maintenance by WMG is fair but women participation is good.
7	Lohaidanga WMG	-	-	2	-	-	2	-	3	-	4	-	-	11	Cat C. There are 4 women members in the EC holding 3 posts: VC, Secretary and Cashier posts. The last monthly EC meeting was held in Oct. 2010 with poor attendance. Total number of households is 200 with 44 WMG members (27 female). Collected shares were Tk. 3,440 and savings, Tk. 60,000. Collection of shares and microcredit program still continue at the time of assessment. Loan register and cash book are kept and updated properly but other books/records are no longer kept and updated since 2010. Last audit conducted was on Sept. 26, 2012. O&M activities stopped in 2010.
8	Ghona WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC and 2 hold the VC and JS posts respectively. No AGM conducted for more than 2 years and the last EC monthly meeting was held on Oct. 19, 2011 with poor attendance. Bookkeeping is poor with false information and all cooperative activities have stopped. There 205 households with 30 WMG members (11 female members). Collected shares amounted to Tk 2,500 with savings of Tk. 3,000 which are all in Bank. This WMG did not implement any IGA but still performs fairly good O&M

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															works in the structures and khals.
9	Taltala -Kusharhula WMG	-	-	2	4	-	-	-	3	-	4	-	-	13	Cat B. There are only 2 women members in the EC but one holds the VC post. No AGM conducted for more than 2 years and the last EC regular monthly meeting was held on July 18, 2010 but 4 meetings were conducted after this but there were no minutes/records prepared. The last audit was done on Jan. 3, 2012. Bookkeeping is fair. Microcredit was implemented and loan repayment was good. There are 160 households with 39 WMG members (only 11 female members). This WMG still performs fairly good O&M works in the structures and khals.
10	DhanibuniaWMG	-	3	-	-	3	-	4	-	-	4	-	-	14	Cat B. There are 5 women members in the EC with one holding the JS post. No AGM conducted in the last 2 years and last EC monthly meeting was conducted in Oct. 10, 2010 where attendance was quite good. There are 170 HHs with 45 WMG members (26 female). On-going are collection of shares (Tk 5,400) and savings (Tk 15,400) including microcredit (loans given to members amounted to Tk 22,950). Recordkeeping/bookkeeping is good. WMG still perform maintenance work (mainly labour) in the sluice, khal and embankment when needed. Participation is fair.
11	BakultalaWMG	4	-	-	-	3	-	4	-	-	4	-	-	15	Cat A. There are 4 women in EC and one holding the VC post. Last AGM was in 2012 and last EC monthly meeting conducted in Sept. 2013. There are 78 HHs with 33 WMG members (14 women). Cooperative activities still going on. Shares collected (3,613) and savings (155,760). Loans distributed amounted to 134,760 and loan repayment is good. Bookkeeping and registers are updated regularly. WMG performs maintenance works in sluice, embankment and khal with good participation from both male and female

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															members.
12	Jabra WMG	-	3	-	-	-	2	-	3	-	4	-	-	12	Cat B. 5 Women in EC with 2 holding the VC and JS posts. AGM not held for more than 2 years. Last EC monthly meeting and audit conducted in 2012. There are 100 HHs with 49 WMG members (12 women). Loans were distributed amounting to 4,470. Shares collected: 5,400 + savings: 9,300. Bookkeeping is poor but shares and savings register is good. O&M poorly performed by WMG.
13	Orabunia –Rajnagor WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. 4 women in EC and one holding the VC post. Last AGM and EC meeting was held in 2009. Last audit was done in Sept. 2012. There are 150 HHs with 20 WMG members (6 female). Amount of shares: 4,400 + savings: 7,945. No IGA implemented. Bookkeeping/recordkeeping is poor. Overall, O&M is fairly done.
14	Perikhali-ChakSonadanga WMG			2		3				2	4			11	Cat C. 4 women in EC and one holding the Secretary post. The last EC meeting held was in 2012. There are 92 HHs with 34 WMG members (11 female). Collected shares: 4,700 + savings: 82,400. Distributed loans but repayment was poor. Poor bookkeeping including registers. Participation in O&M activities is fair.
15	Maikhali WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	Dormant. No record of AGM and EC monthly meetings. There are 5 women in EC holding 2 posts (not specified). There are 160 HHs with 52 WMG members (9 female). The last audit done was in 2012. Collected shares: 2,340 + savings: 8,580. No IGA implemented and bookkeeping is poor. Registration with DoC cancelled. Poor O&M performance in sluice, khal and embankment. Mismanaged fund remain unresolved and there is political-related conflict among the leaders.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
16	UlaDakkhin WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. No record of AGM and EC monthly meetings. There are 4 women in EC, one holding the JS post. There are 261 HHs with 25 WMG members (12 female). Last audit done in Oct. 2011. Collected shares: 3,800 + savings: 10,800. No IGA initiated. No books and ledgers kept. No O&M activities performed.
17	Hazibunia WMG	-	3	-	-	3	-	4	-	-	4	-	-	14	Cat B. 5 women in EC but with no post. AGM and EC meetings were held in 2013 but with poor participation from members. No minutes on meetings were written but other books and registers are properly updated. Last audit done was in 2012. There are 205 HHs with 58 WMG members (33 female). WMG distributed loans and repayment is good. Collected shares is 3,520 and savings=30,000. WMG performs O&M activities in sluice, embankment and khal.
18	Khahribunia WMG	-	-	2	-	3	-	-	-	2	4	-	-	12	Cat C. There are 5 women EC members with 2 holding the VC and JS posts. The last EC monthly meeting was in 2009.Attendance and participation was poor. There are 230 HHs with 20 WMG members (7 female). Bookkeeping is poor and no data on AGM conducted. Audit was done last Feb. 18, 2012 Shares collected= 4,400 and savings= 9,600. No IGA initiated by WMG. O&M activities are undertaken in embankment, khal and sluice whenever needed with good participation from members.
19	Kanchonnagar WMG	-	-	2	-	-	2	-	3	-	4	-	-	11	Cat C. 5 women members in EC with 2 holding VC and Secretary posts. For more than 2 years, no AGM and EC monthly meetings held. There are 46 HHs with 30 WMG members (16 female). Loans in the amount of 12,000 were distributed and repayment is not quite good. Total shares (3,000) and savings (23,400). WMG is not keeping complete records/books but register for shares and savings is being kept. Not

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															much O&M work being performed by the WMG.
20	Telikhali WMG	-	-	2	-	3	-	-	3	-	4	-	-	12	Cat C. There are 4 women members in EC and 2 hold VC and Cashier posts. No AGM and EC meetings held for more than 2 years but audit was last done in Dec. 2012. There are 280 HHs with 51 WMG members (only 6 female). Loans distributed to members and repayment was good. Total collected shares (6,800) and savings (59,400). WMG only keeps shares and savings register. No other books/records kept. WMG performs some O&M activities in the sluice and embankment but not much in khals.
21	Gojedrapur (Uttar) WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 4 women members in EC and 2 holding Secretary and Cashier posts. Poor bookkeeping, in fact, no records kept in more than 2 years. No AGM and EC meetings held also in more than 2 years. Audit last conducted in Jan. 2012. There are 400 HHs with 30 WMG members (only 3 female). WMG is not carrying-out regular O&M works.
22	Gajendrapur (Dokkhin) WMG	-	-	2	4	-	-	-	-	2	4	-	-	12	Cat B. There are 4 women in EC and 2 hold the VC and JS posts. No record of AGM meeting but last EC meeting was held in July 2009. There are 400 HHs with 24 WMG members (9 female). WMG did not initiate any IGA and its bookkeeping is poor. Total shares (1,500 and savings (1,000). Last audit was in January 2013. WMG performs regular O&M work in embankment, khal and sluice with good participation.
23	Kapalidanga WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 4 women in EC with one holding the VC post. No record of AGM and EC meetings but last audit was conducted in Sept. 2011. There are 348 HHs with 20 WMG members (only 4 female). Difficult to get correct data on shares and savings because data falsified during audit. Not much O&M work being performed by the WMG.
B.	SahasSurkhali&Sarafpur	4	-	-	2	-	-	NA	NA	NA	4	-	-	10	Cat A. There are 4 women in the EC and no one holds a post but their attendance

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
	(S.S.S) WMA														in meetings is good. The last general members' meeting was held on Nov. 28, 2013 and the last EC meeting on Dec. 31, 2013. Plan implementation of WMA is good and participation of members (male and female) in decision-making is fair. Satisfaction level of members to their WMA is good.
1	Razapur WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 4 women in the EC with 2 holding the VC and JS posts. No record on any AGM meeting conducted but last EC meeting was held on Sept. 3, 2009. There are 510 HHs with 27 WMG members (11 female). No IGA was implemented. Collected shares were Tk 500 and savings collected amount to Tk 2000. Bookkeeping is poor. Last audit was conducted on Sept. 7, 2011. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members.
2	SahoshJoykhali WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 4 women in the EC with 1 holding the VC post. No record on any AGM meeting conducted but last EC meeting was held on Sept. 5, 2009. There are 440 HHs with 20 WMG members (6 female). No IGA was implemented. Collected shares amounted to Tk 4200 and savings Tk 8,400. Bookkeeping is poor, no records kept for more than 4 years. Last audit was conducted on Sept. 21, 2013. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members.
3	SahoshMadhyapara WMG	4	-	-	-	3	-	4	-	-	4	-	-	15	Cat A. There are 5 women posts with one holding the JS post. The last AGM meeting was held on June 24, 2012 with good attendance. The last EC meeting was conducted in October 2013 also with good attendance. Participation of both male and female members in decision making process is good. There are 100 HHs with 67 WMG members (38 females). The WMG implemented microcredit and poultry business. Total

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															amount of shares=Tk 3,920 and savings=Tk 32,490. Loan recovery in microcredit program is good. Bookkeeping and registers are good. Audit was conducted on Dec. 3, 2012. O&M works are performed in the embankment, khal and sluice but participation was fair.
4	Kumarghata WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 5 women in EC with one holding Cashier post. No AGM conducted in more than 2 years and the last EC meeting was held on Aug. 9, 2013. There are 250 HHs with 30 WMG members (12 females). No IGA was implemented. Collected shares amounted to Tk 3,000 and savings Tk 13,550. Bookkeeping is poor, no records kept for more than 4 years. Last audit was conducted on Sept. 21, 2013. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members.
5	Noakathi WMG	-	3	-	-	3	-	4	-	-	4	-	-	10	Cat C. There are 4 women in EC with one holding VC post. No AGM conducted in more than 2 years and the last EC meeting was held on Oct. 26, 2013. There are 510 HHs with 43 WMG members (14 females). Loans distributed to members and loan recovery is good. Collected shares amounted to Tk 6,000 and savings Tk 40,000. Bookkeeping/recordkeeping is good. Last audit was conducted on Nov. 17, 2013. WMG still performs some O&M works in embankment, khal and sluice but with fairly good participation from members.
6	Ghosgati WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 5 women in EC with one holding the VC post. No record of AGM meeting conducted and there had been no EC meeting conducted in the last 3 years. There are 300 HHs with 53 WMG members (28 females). No IGA was implemented. Collected shares amounted to Tk 2,650 and savings Tk 3,900. Bookkeeping is poor. Last audit

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															was conducted on June 30, 2012. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members.
7	Kazir Hula, Dudher Hula, and Charabon (KDC) WMG	-	3	-	-	3	-	-	3	-	-	-	2	11	Cat B. There are 5 women in EC but not holding key post/s. No record of any AGM meeting conducted but last EC meeting was held on Dec. 2, 2013. There are 115 HHs with 36 WMGs (15 females). Loans were distributed and recovery was good. Amount of collected shares was Tk 2,640 and savings--Tk 67,630. Bookkeeping is fair. Last audit conducted was on November 30, 2012. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members. Unresolved conflict caused by landowners who put up cross dams at portion of khal located on their land.
8	Digholia, Golaimari, Kotakhali, and Chotobon (DGKC) WMG	-	3	-	-	3	-	-	-	2	4	-	-	12	Cat B. There are 4 women in the EC with one holding the VC post. No record of AGM conducted but last EC meeting was held on Feb. 5, 2012. There are 115 HHs with 96 WMG members (70 females). Loans were distributed and recovery is poor. The amount of shares collected is Tk 3,440 and savings, Tk 27,470. Bookkeeping is poor. Last audit conducted on Feb. 19, 2013. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.
9	Bagdari WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women in the EC with 2 holding VC and JS posts. No record of AGM conducted but last EC meeting was held on May 4, 2010. There are 235 HHs with 46 WMG members (29 females). No IGA was implemented. The amount of shares collected is Tk 3,070 and savings, Tk 5,995. Bookkeeping is poor. Last audit was on March 23, 2011. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
10	Kukhiya WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 5 women in the EC with one holding the JS post. No AGM conducted for more than 2 years and the last EC meeting was conducted on October 6, 2010. There are 372 HHs with 20 WMG members (6 females). WMG did not implement IGA. The amount of shares collected is Tk 3,800 and savings, Tk 10,600. Bookkeeping is poor. Last audit was on August 26, 2012. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members
11	Kharsanda WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 5 women in the EC with one holding the VC post. No AGM was conducted in more than 2 years and last EC meeting was conducted on Feb. 7, 2010. There are 230 HHs with 132 WMG members (36 females). Loans were distributed but recovery is poor. The amount of shares collected is Tk 4,500 and savings, Tk 34,460. Bookkeeping is poor. Last audit was conducted on January 5, 2012. WMG still performs O&M works in embankment, khal and sluice with fairly good participation from members
12	Kagujipara WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 5 women in the EC with one holding the VC post. No AGM meeting conducted for more than 2 years and the last EC meeting was held on August 21, 2009. There are 250 HHs with 81 WMG members (29 females). No IGA was implemented by the WMG. The total amount collected for shares is Tk. 4,050 and for savings, Tk. 3,520. Bookkeeping is poor. There is no record when audit was conducted. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
13	Keyakhali WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women in the EC with one holding the VC post. No AGM meeting conducted for more than 2 years and the last EC meeting was held on August 15, 2009. There are 75 HHs with 56 WMG members (9 females). No IGA was implemented by the WMG. The total amount collected for shares is Tk. 5,330 and savings, Tk 8,645. Bookkeeping is poor. The last audit conducted was on Jan. 16, 2012. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.
14	Chatchatia WMG	-	-	2	4	-	-	-	-	2	4	-	-	12	Cat B. There are 4 women in the EC with 2 holding the VC and Cashier posts. This WMG conducted re-election in 2012. However, since 2012 there had been no AGM held and the last WMG EC meeting was conducted on April 5, 2010. There are 86 HHs with 25 WMG members (only 4 females). No IGA was implemented. Total shares collected amounted to Tk 850 and savings, Tk 14,555, Bookkeeping is poor. Last audit was conducted on Oct. 8, 2012. WMG still performs some O&M works in embankment, khal and sluice with good participation from members.
15	AsanNagor WMG	4	-	-	4	-	-	4	-	-	4	-	-	16	Cat A. There are 4 women in the EC with 2 holding the VC and JS posts. The last AGM was held in June 2013 and EC meeting in Nov. 2013 with good attendance and participation from both male and female members. There are 60 HHs with 55 WMG members (33 females). Loans were distributed to members amounting to Tk 37,500 and recovery is good. Shares collected amounted to Tk 5,500 and savings, Tk 37,500. Books and records are properly kept and updated. Audit was last conducted on Feb. 22, 2013. WMG still performs some O&M works in embankment, khal and sluice with good participation from members.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
16	Senpara WMG	-	3	-	-	-	2	-	3	-	-	-	2	10	Cat C. There are 5 women in the EC with 2 holding the JS and Cashier posts. There had been no AGM for more than 2 years but WMG EC meeting was held on Sept. 1, 2013. There are 775 HHs with 61 WMG members (10 females). Loans were distributed to members and recovery is good. Shares amounted to 6,950 and savings, Tk 96,000. Bookkeeping is fairly done. Audit was done on Oct. 8, 2012. Sluice operation is under control of the UP Chairman who leased the khal at sluice gate. Money from the lease is used for some routine O&M works. There is poor participation from members on O&M activities. Water management related conflicts exist between highland and lowland farmers sometimes resolved by UP Chairman.
17	UttorKalikapur WMG	-	3	-	-	3	-	-	-	2	4	-	-	12	Cat. B. There are 4 women in EC with one holding the VC post. There had been no AGM meeting for more than 2 years but last WMG EC meeting was held on June 7, 2013 with fairly good attendance and participation from both male and female members. There are 425 HHs with 55 WMG members (30 females). No IGA implemented and bookkeeping is poor. Amount of shares in Tk 4,700 and savings is Tk. 23,225. The last audit was conducted on Nov. 5, 2013. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members.
18	DakkhinKalikapur WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 5 women in the EC with 2 holding the VC and JS posts. There had been no AGM for more than 2 years and the last EC meeting was held on Oct. 6, 2009. There are 350 HHs with 48 WMG members (36 females). No IGA implemented and bookkeeping is poor. Amount of shares in Tk. 12,220 and savings is Tk. 12,460. Audit was last conducted on Aug. 3, 2011. WMG still performs some O&M works in

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															embankment, khal and sluice but with poor participation from members.
19	SarafpurUttor WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women in EC with one holding the JS post. There had been no AGM for more than 2 years and last EC meeting was held on Aug. 30, 2009. There are 505 HHs with 22 WMG members (only 6 females). No IGA implemented and bookkeeping is poor. Amount of shares is Tk. 4,400 and savings is Tk. 9,240. Audit was last conducted on Jan. 5, 2012. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.
20	SarafpurDakshin WMG	-	3	-	4	-	-	-	-	2	4	-	-	13	Cat B. There are 4 women in EC with 2 holding the VC and JS posts. There had been no AGM held for more than 2 years and last EC meeting was held on Nov. 15, 2012. There are 420 HHs with 20 WMG members (8 females). No IGA implemented and bookkeeping is poor. The last audit was completed for FY 2011/2012. Amount of shares is Tk 4,600 and savings is Tk 39,700. WMG still performs O&M works in embankment, khal and sluice with good participation from members.
21	Toiyabpur WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women in the EC with one holding the JS post. There had been no AGM for more than 2 years and no data on last EC meeting held. There are 402 HHs with 66 WMG members (35 females). No IGA was implemented and bookkeeping is poor. Audit last conducted on Jan. 10, 2012. Amount of shares is Tk 3,300 and savings is Tk 7,260. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															members.
22	Britti-Bhulbaria WMG	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 3 women in EC with no post. There had been no AGM for more than 2 years and last EC meeting was held on Oct. 13, 2013. There are 236 HHs with 58 WMG members (19 females). No IGA was implemented but bookkeeping is good. Amount of shares is Tk 11,600 and savings is Tk 13,340. Last audit conducted on Nov. 20, 2011. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.
23	Baniakhali WMG	-	3	-	4	-	-	4	-	-	4	-	-	15	Cat A. There are 4 women in EC with no post. There had been no AGM for more than 2 years but the last EC meeting was held on May 9, 2013. There are 102 HHs with 31 WMG members (11 females). Loans were distributed to members and recovery is good. Bookkeeping is good. Amount of shares is Tk 4,200 and savings is Tk 26,040. The last audit conducted was on Dec. 13, 2012. WMG still performs O&M works in embankment, khal and sluice with good participation from members.
24	Bhulbaria WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 4 women in EC with 2 holding the VC and JS posts. The last AGM was held on June 9, 2009 and EC meeting on Feb. 28, 2009 with poor attendance and participation from members. There are 400 HHs with 104 WMG members (23 females). No IGA was implemented and bookkeeping is poor. Last audit was conducted on Nov. 17, 2011. Amount of shares is Tk 3,840 and savings is Tk 15,650. WMG still performs some O&M works in embankment, khal and sluice but with

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															poor participation from members.
25	Ratankhali WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 3 women in EC with one holding the JS post. There had been no AGM for 4 years and there is no record of the last EC meeting. No activity being implemented in the last 4 years and no records and books found. There are 50 HHs with 54 WMG members (14 females). No data on shares collected. Amount of savings is Tk 4,558. Also no data on Audit conducted. Operation of sluice is under control of the UP Chairman. WMG and WMA are not performing O&M role.
26	JhaltalaWMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 5 women in the EC with one holding the JS post. There had been no AGM for more than 2 years and last EC meeting was held on August 7, 2009. There are 62 HHs with 40 WMG members (12 females). Earlier, loans were distributed to members amounting to Tk 22,000 and recovery was poor. Amount of shares is Tk 4,000 and savings is Tk 21,630. Bookkeeping is poor. No data on Audit. WMG still performs some O&M works in embankment, khal and sluice but with poor participation from members.
27	Akra-BahirAkra WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 4 women in the EC with one holding the VC post. There had been no AGM for more than 2 years and the last EC meeting was on July 16, 2010. There are 407 HHs with 46 WMG members (14 females). No IGA was implemented and bookkeeping is poor. Amount of shares is Tk 2,930 and savings is Tk 4,965. Last audit was conducted on March 4, 2011. WMG still performs some O&M works in

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															embankment, khal and sluice but with poor participation from members.
28	Birala-Chandgar-Jaliakhali (BCG) WMG	-	3	-	-	3	-	-	-	2	-	-	2	10	Cat C. There are 5 women in EC with 2 holding the VC and JS posts. There had been no AGM for more than 2 years but last EC meeting was held on Oct. 16, 2013. There are 203 HHs with 55 WMG members (25 females). Loans were distributed but recovery is poor. Bookkeeping and record keeping is fairly good. Amount of shares is Tk 3,420 and savings is Tk 7540. Last audit was conducted on Oct. 21, 2012. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.
29	Sundarmahal (Paschim) WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 5 women in EC with one holding the Cashier post. There had been no AGM meeting for more than 2 years and last EC meeting was held on Dec. 14, 2009. There are 300 HHs with 20 WMG members (6 females only). No microcredit or any IGA implemented by the WMG. Amount of shares in Tk 5,600 and savings is TK 5,600. Last audit was conducted on Dec. 3, 2012 despite poor bookkeeping and record keeping. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.
30	Sundarmahal (Purba)WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC with 2 holding the VC and JS posts. There had been no AGM meetings held for more than 2 years and no data on EC meetings held. There are 300 HHs with 95 WMG members (22 females). No microcredit or any IGA implemented by the WMG. Amount of shares in Tk 3,800 and savings is TK 7,600. No data on last audit. At the time

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management ¹			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															of assessment, all the books/records are still with the DoC for audit purpose. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.
31	Sambhunagor WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 3 women in the EC with one holding the VC post. There had been no AGM and EC meetings for more than 2 years. There are 123 HHs with 50 WMG members (20 females). No IGA/microcredit implemented by the WMG and no books/records were found at the time of assessment. No audit conducted in the last 3 FY. Amount of shares is Tk 5,000 and savings is Tk 7,500. O&M activity is poor.
32	KodalMatbari WMG	-	3	-	-	-	2	-	3	-	-	-	2	10	Cat C. There are 3 women in the EC with 2 holding the secretary and cashier posts. There had been no AGM meeting in more than 2 years and the last EC meeting was conducted on Feb. 20, 2014. No IGA implemented. Amount of shares is Tk. 3,100 and savings is Tk 8,900. Bookkeeping is fair. Last audit was conducted on March 20, 2012. Long standing conflict on water use exists among 3 WMGs. Sluice operation is controlled by 2 WMGs (Sundermahal and Baroaria) not addressing the water needs of KodalMatbaria WMG.
33	Baro Aria WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 5 women in the EC with 2 holding the VC and Cashier posts. There had been no AGM meetings in more than 2 years and there is no record of the last EC meeting held. There are 103 HHs with 20 WMG members (6 females). No IGA/microcredit implemented and bookkeeping is poor. Just recently, audit was conducted on January 14, 2014. WMG still performs some O&M works in embankment, khal and sluice with fairly good participation from members.

Proposals of respondents to improve WMA Functionality

- Some EC members need to be changed
- Special meetings should be held more
- WMGs should send representatives with leadership quality to WMA
- WMA should be registered with cooperative
- Lease of BWDB khas land to assist WMA

Proposals to Improve WMG Functionality

- Present EC should be dissolved and call for new elections, EC needs to be reformulated, Increase effectiveness of EC
- Shares and savings should be collected regularly
- Meetings to be held regularly
- Inform all about cooperative activities, regular communication with members
- Training needed on agriculture (rabi crops, rice cultivation), poultry, cattle-rearing, vegetable gardening, organizational management and IGAs, Training to orient people to cooperative ideas & activities, fish cultivation, training should be given on collective activity (CAP), book keeping and audit, training to female members to make them active/ oriented to get involved in work, especially in income earning works e.g. handicrafts, training to female members on hygiene and nutrition, training should be given on micro-credit, awareness program
- Increase membership
- More IGAs to be taken
- Clear accounts for the period up to now should be given to members
- EC needs to be active
- Accounts should be maintained as per cooperative rules and should be transparent
- Monthly and annual plans should be done
- Build up linkages with different organizations
- Organization should have its own office
- Those who do not deposit shares and savings timely, they should be fined
- Women should be given priority in leadership
- Loan should be given to the destitute
- IGAs for all members
- Lease of BWDB khaskhal/ borrowpit to WMG for fish cultivation

- Records & accounts should be maintained properly, need to prepare new records and books
- Shares and savings should be collected regularly and that fund should be utilized in IGAs, create opportunities for IGAs
- There should be annual plan and it should be implemented
- Meeting minutes should be written
- Increase women participation, ensure women attendance in meetings
- Need help in WMO strengthening
- Special meeting and AGM implementation
- Women employment opportunities
- Re-registration of WMG needed
- Increase involvement of all in different activities

Annex C: POLDER WISE SUMMARY OF WMO FUNCTIONALITY ASSESSMENT

Name of Zone: Patuakhali (Southern Zone), BWDB, Barisal

Polder No. 43/2A

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
A	Bighai WMA	-	3	-	-	-	2	N/A	N/A	N/A	-	-	2-	7	Cat C. There are 5 female members in the EC with one holding the VC post. In 2012, 4 EC meetings conducted out of 6 required with good attendance. Last minutes of meeting is dated January 2013. However, there is poor communication between EC and members. Maintenance irregularly done in embankment and khals and some of the EC members are controlling operation of some structures for their own vested interests.
1	PurboChotaBighai	-	-	2	-	3	-	-	3	-	4	-	-	14	Cat B. There are 4 women members in the EC with 2 holding the VC and JS posts. No AGM meeting held after 2008 and last EC meeting was held in Jan. 2009. There are 341 HHs with 88 WMG members (45 female). Bookkeeping was fairly done. The amount of shares is Tk. 8,800 and savings is Tk. 19,840. Loans were distributed with fairly good repayment. Maintenance is irregularly done with voluntary labor and participation is fair.
2	PaschimChotaBighai	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC with one holding the JS post. No AGM conducted and the last EC meeting was held on Set. 10, 2009. There are 410 HHs with 214 WMG members (60 female). Bookkeeping was fairly good up to 2009. The last collection on shares and savings was done on Sept. 10, 2009. The amount of shares is Tk. 2,250 and savings is Tk. 17,183. No microcredit/IGA implemented. Maintenance is irregularly done with voluntary labor and participation is fair.
3	Matibhanga-ChotaBighai	-	3	-	-	3	-	-	-	2	4	-	-	12	Cat C. There are 4 women members in the EC holding no post. No record of AGM meeting and audit but the last EC meeting was held on Nov. 15, 2009. There are 650 HHs with 94 WMG members (34 female). Bookkeeping was poor. No IGA/microcredit implemented. The amount of shares is Tk 1,250 and savings is Tk 21,550. Collection of shares and savings stopped on Nov. 15, 2009. Maintenance is irregularly done with voluntary labor and participation is fair.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
4	PurboMatibhanga	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 4 women members in the EC. There is no record on AGM and audit but the last EC meeting was held on Oct. 10, 2013. There are 196 HHs with 75 WMG members (40 female). Bookkeeping is poor. The amount of shares is Tk. 5,850 and savings is Tk. 48,146. Collection of shares and savings stopped on Sept. 11, 2009. The amount of Tk 30,000 was distributed as loans to members but loan collection was not good and was also stopped on Sept. 11, 2009. Maintenance is irregularly done with voluntary labor and participation is fair.
5	Madhya Matibhanga	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC. There is no record of any AGM and audit done. The last EC meeting was held on Oct. 15, 2008. There are 280 HHs with 54 WMG members (13 female). Bookkeeping is fairly done. The amount of shares is Tk 6,000 and savings is Tk 5,944. Collection of shares and savings stopped on Oct. 15, 2008. No IGA/microcredit implemented. Maintenance is irregularly done with voluntary labor and participation is fair.
6	PaschimMatibhanga	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. Selection of EC members was done well during WMG formation. There are 4 female members in the EC and one holds the Joint secretary post. Last AGM was conducted in June 2008 and EC meetings conducted until April 2009 (less than 4 monthly). There was poor meeting attendance in AGM and monthly EC meetings. Cooperative did not have Income Generating Activity (IGA) nor micro credit activity—only shares and savings. Amount of shares is Tk. 11, 080.00 kept in the Bank. There was no audit done by Department of Cooperatives (DoC) since WMG registration. Now shares and savings collection also stopped. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed.
7	Hortakibaria	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. In the last 2 years only one AGM was conducted and the last monthly EC meeting was held in Nov. 2011 with poor attendance. No joint IGA implemented only shares and savings were collected. No audit since registration was cancelled because WMG did not want to pay audit fee. O&M is done when needed in the sluice, khal and embankment
8	Kumarkhali	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 4 women members in the EC. AGM was last conducted on Jan. 10, 2013 while the last EC meeting was held on Oct. 10, 2013. There are 183 HHs with 45 WMG members (17 female). Bookkeeping is good. The amount of shares is Tk 7,500 and savings is Tk 48,340. Collection of shares and savings is going on. No IGA/microcredit implemented. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
9	Bhazna	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC. There is no record of any AGM and audit done but the last EC meeting was held on Oct. 15, 2009 which was also the day that collection of shres and savings was stopped. There are 175 HHs with 52 WMG members (29 female). Bookkeeping is poor. The amount of shares is Tk 4,850 and savings is Tk 9,750. The amount of Tk 13,820 was distributed as loans to members and repayment was poor. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed
10	Tushkhali	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 4 women members in the EC. There is no record of any AGM and audit done but the last EC meeting was held on Aug. 9, 2008. There are 500 HHs with 57 WMG members (36 female). Bookkeeping is fairly done. The amount of shares is Tk 1,250 and savings is Tk 19,850. Loans in the amount of Tk 5,000 were distributed to members but not fully recovered. Loan collection was stopped on Aug. 9, 2008 and shares and savings collection as well. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed
11	Nandipara-Matherbunia	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 4 women members in the EC. The last AGM was conducted on May 11, 2013 and audit was conducted on June 30, 2011. The last EC meeting was held on Nov. 15, 2009. There are 775 HHs with 110 WMG members (48 female). Bookkeeping is fairly done. The amount of shares is Tk 9,200 and savings is Tk 50,774. No IGA/microcredit implemented. Shares and savings were collected until Aug. 27, 2013. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed
12	Purbo(East) Titkata	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women in the EC holding no post. AGM not held for more than 2 years and the last EC meeting was held on July 20, 2009. There are 250 HHs with 85 WMG members (25 female). Before 2009, loans were distributed to members and repayment was fair. Collection of shares and savings stopped in 2009. Amount of shares is Tk. 4,150 and savings is Tk. 15,900. Bookkeeping is poor. Maintenance is irregularly done with voluntary labor and participation is fair.
13	PaschimTitkata	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC with one holding the JS post. No AGM conducted in the last 2 years and last EC meeting was held on Sept. 20, 2009. This was also the last date for shares and savings collection. There are 315 HHs with 48 WMG members (15 female). No IGA/microcredit implemented. The amount of shares is Tk. 4800 and savings is Tk. 24,000 which is all in the bank. Bookkeeping is fairly done. Maintenance is irregularly done with voluntary labor and participation is fair.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
14	DakkhinTitkata			2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC holding no post. Both AGM and EC meetings last conducted in 2009. There are 450 HHs with 35 WMG members (22 female). No IGA/microcredit implemented. The amount of shares is Tk.5,250 and savings is Tk. 7,945 and most of it in the bank. Last collection of shares and savings was in Oct. 2009. No audit has been done. Bookkeeping is poor. Maintenance is irregularly done with voluntary labor and participation is fair.
15	Purbo Bara Bighai	-	-	2	-	3	-	-	3	-	4	-	-	12	Cat B. There are 4 women members in the EC with one holding the JS post. No recorded AGM conducted. Last EC meeting was on Aug. 14, 2009. There are 456 HHs with 43 WMG members (16 female). Loans amounting to Tk. 5,000 were distributed and repayment was not good overall. Last collection of shares and savings was in Aug. 2009. Bookkeeping is fairly done. Maintenance is irregularly done with voluntary labor and participation is fair.
16	Paschim Bara Bighai	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C There are 4 women members in the EC with one holding the JS post. No recorded AGM conducted. Last EC meeting was in Oct. 2008. There are 800 HHs with 35 WMG members (18 female). Loans were distributed and amount of Tk 3,090 remains unpaid. Bookkeeping is poor. Maintenance is irregularly done with voluntary labor and participation is fair. When needed they perform maintenance works.
17	DakkhinBighaiUttar	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC holding no post. No records of meetings and audit. There are 420 HHs with 25 WMG members (8 female). The amount of shares is Tk. 1,250 and savings is Tk. 2,500. No IGA implemented. When needed they perform maintenance works. All activities stopped at the time of assessment.
18	DakkhinBighai (Dakkhin/South)	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 4 women members in the EC with one holding JS post. The last AGM meeting was conducted on Oct. 20, 2013 with fairly good attendance from both men and women members. The last EC meeting was held on Oct. 16, 2013 and last audit was done on Nov. 4, 2013. There are 460 HHs with 37 WMG members (14 female). The last collection of shares and savings was in Oct. 2013. The amount of shares is Tk. 3,700 and savings is Tk. 33,300. Loans in the amount of 33,500 were distributed and repayment was good overall. Bookkeeping is good. Maintenance is irregularly done with voluntary labor and participation is fair.
19	Patukhali	-	3	-	-	3	-	-	-	2	4	-	-	12	Cat B. There are 4 women members in the EC. There is no record of any AGM and audit done but the last EC meeting was conducted on Sept. 22, 2013. There are 199 HHs with 47 WMG members (26 female). Bookkeeping is fairly done. The amount of

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															shares is Tk 1,250 and savings is Tk 23,810. No IGA/microcredit implemented. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed
20	Pashuribunia	-	3	-	-	3	-	-	-	2	4	-	-	12	Cat B. There are 4 women members in the EC. There is no record of any AGM and audit done but the last EC meeting was conducted on Feb 7, 2009. There are 264 HHs with 48 WMG members (12 female). Bookkeeping is poor. The amount of shares is Tk 1,250 and savings is Tk 19,700. No IGA/microcredit implemented. Collection of shares and savings stopped on Feb 7, 2009. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed.
21	PurboKawabunia	-	3	-	-	3	-	-	-	2	4	-	-	12	Cat B. There are 4 women members in the EC. The last AGM was held on January 10, 2011. No record of any audit done. The last EC meeting was held on April 28, 2013. There are 617 HHs with 70 WMG members (32 female). Bookkeeping is poor. The amount of shares is Tk. 1,250 and savings is Tk 11,850. No IGA/microcredit implemented. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed
22	PaschimKawabunia	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC. No record of any AGM and audit conducted but last EC meeting was held on June 20, 2008. There are 344 HHs with 57 WMG members (14 female). Bookkeeping is poor. The amount of shares is Tk 1,250 and savings is Tk 1,460. No IGA/microcredit implemented. Collection of shares and savings stopped on June 20, 2008. O&M is done when needed in the sluice, khal and embankment. Funds collected from the community when needed

Proposals to Improve WMA Functionality

- Reform Executive Committee (EC): some EC members need to be changed
- Repair WMA office
- Need to raise fund for O&M
- BWDB to hand-over unused lands
- Ensure regular meetings
- Need for registration, open bank account and collect shares and savings
- Training on Organizational Management and Leadership

Proposals to Improve WMG Functionality

- Present EC should be dissolved and call for new elections, EC needs to be reformulated
- Increase membership
- Maintain and update records and books
- Audit and Annual General Meeting should be implemented regularly
- Conduct regular monthly meetings
- Increase savings collection and Invest in IGA
- Loan recovery/loan collection from previous IGA
- Transparent accounting and financial management system
- Review and revise by-laws
- BWDB to hand-over unused lands
- Training on bookkeeping and cooperative activities, organizational and management, leadership, use and management of agricultural machineries, skills training
- O&M fund raising with support from BWDB and Blue Gold

Annex D: POLDER WISE SUMMARY OF WMO FUNCTIONALITY ASSESSMENT

Name of Zone: Patuakhali (Southern Zone), BWDB, Barisal

Polder No. 43/2B

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
A	Bouria WMA	-	-	2	-	3	-	N/A	N/A	N/A	4	-	-	9	Cat C. 4 female members' elected and only one has a post (joint secretary- JS). Prior to Blue Gold, the last general members' meeting and EC meeting held in 2008. Only few WMGs perform O&M functions. WMA oversee O&M activities when needed.
1	PurbaSonakhali	-	-	2	-	-	2	-	-	2	-	-	2	8	Dormant. Out of 4 executive female members, one holds the JS post. After 2006, no AGM and audit was conducted. The last EC meeting held was in July 2009. Total number of households is 530 with 61 WMG members (15 Female members). Total shares collected was Tk1,250 shares and Tk11,590 savings. This WMG has not implemented any IGA/business enterprise.
2	Kanchanbaria-Khontakhali	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. Out of 4 executive female members, one holds the Secretary post. After 2006, no AGM and audit was conducted. The last EC meeting held was in April 2010. Total number of households is 221 with 54 WMG members (17 Female members). Total shares collected was Tk1,250 shares and Tk35,461 savings which are all deposited in the Bank. This WMG has not implemented any IGA/business enterprise.
3	Algi-Chailtabunia	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 executive female members but with no post. After 2006, no AGM and audit was conducted. The last EC meeting held was in July 2009. Total number of households is 354 with 59 WMG members (20 Female members). Total shares collected was Tk1,250 shares and Tk. 8,385 savings, all deposited in the bank. This WMG has not implemented any IGA/business enterprise.
4	GolBouria	-	-	2	-	-	2	-	3	-	4	-	-	11	Cat C. There are 4 executive female members and one holds the JS post. After 2006, no AGM and audit was conducted. The last EC meeting held was in Nov. 2009. Total number of households is 449 with 64 WMG members (21 Female members). Total shares collected was Tk1,250 shares and Tk.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															38,620 savings. This WMG distributed loans to its members but has stopped this IGA after recovering most of the loans. Deposited in the bank is Tk 31,292. Still performing O&M activities when needed but with poor participation from members.
5	Garabunia	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 executive female members and one holds the Vice Chair (VC) post. After 2006, no AGM and audit was conducted but the last audit was only approved in 2009. The last EC meeting held was in Feb. 2008. Total number of households is 350 with 25 WMG members (4 Female members). Total shares collected was Tk1,250 and Tk. 5,750 savings, all deposited in the bank. This WMG has not implemented any IGA/business enterprise.
6.	Ramanando	-	-	2	-	-	2-	-	-	2	4	-	-	10	Dormant. There are 4 executive female members and one holds the VC post. After 2006, no AGM and audit was conducted. The last EC meeting held was in Sept. 2009. Total number of households is 449 with 25 WMG members (4Female members). Total shares collected was Tk1,250 shares and Tk. 10,570 savings, all deposited in the bank. This WMG had not implemented any IGA/business enterprise.
B.	Mushurikati WMA	-	-	2	-	3	-	N/A	N/A	N/A	4	-	-	9	Cat C. There are 4 women in EC with no post. No record of meetings after 2009. WMA still initiate O&M activities in khal, embankment and structures when needed.
7	AlorDeshari	-	-	2	-	-	2	-	3	-	4	-	-	11	Cat C. The Chairperson is a woman. All in all, there are 4 women in the EC. No AGM meeting since 2006 including audit and last EC meeting was held in August 2009. There are 465 HHs with 93 WMG members (35 females). Amount of shares in Tk. 9,300 and savings is Tk 112,000. Loans were distributed to members but repayment was poor (about Tk 60,000 unpaid). Bookkeeping is poor. Some O&M activities are implemented but with poor participation from members.
8	Algi - Tafalbaria	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women in the EC with 2 holding the VC and JS posts. There had been no AGM meeting since 2006 including audit. Last EC meeting was held in June 2010. There are 305 HHs with 78 WMG members (26 females). No IGA/microcredit implemented. Amount of shares is Tk1,250 and savings is Tk 7,730. Still performing O&M activities when needed but with poor participation from members.
9	Moshurikati	-	-	2	-	3	-	-	-	2	4	-	-	11	Dormant. There are 4 women members in EC with one holding the JS post. There had been no AGM meeting since 2006 including audit. Last EC meeting was held in January 2009. There are 268 HHs with 89 WMG members (49 females). No IGA/microcredit implemented. Amount of shares is Tk 1,250 and savings is Tk 37,750. Total amount is in the

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															bank
10	Bhangra	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in EC with one holding the VC post. There had been no AGM meeting since 2006 including audit. Last EC meeting was held in Sept. 2009. There are 431 HHs with 93 WMG members (29 females). No IGA/microcredit implemented. Amount of shres is Tk 1,200 and savings is Tk 19,390. Still performing O&M activities when needed with fairly good participation from members.
11.	Suhori Mini Polder	-	-	2	-	-	2	-	3	-	4	-	-	11	Cat C. There are 4 women members in the EC with one holding the Chairperson post. There had been no AGM meeting and audit since 2006. The last EC meeting was held in August 2009. There are 144 HHs with 50 WMG members (29 females). No IGA implemented since 2009. Earlier they distributed loans to members and amount was recovered 100% and deposited in the bank. Bookkeeping/record keeping is fairly good. The amount of shares in Tk 2,500 and savings is Tk 20,405. Still performing O&M activities when needed but with poor participation from members.
C.	Amkhula WMA	-	-	2	-	3	-	N/A	N/A	N/A	4	-	-	9	Cat C. There are 4 women members in the EC with one holding the VC post. There had been no AGM and EC meetings since 2009. No records kept. O&M still performed when needed but with fair participation from members.
12	Uttar Amkhola	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the VC post. Since 2006, there had been no AGM meetings held. Last EC meeting was in Sept. 2007. There are 313 HHs with 75 WMG members (34 females). No IGA implemented. Amount of shares is Tk 1,250 and savings is Tk 4,670.
13	Madhya Amkhola	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the secretary post. No AGM since 2006 and last EC meeting was in Feb. 2010. There are 629 HHs with 74 WMG members (47 females). No IGA was implemented. Amount of shares is Tk 1,250 and savings is Tk 18,055.
14	Chinguria-DakshinBalaikati	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with 1 holding the VC post. No AGM meeting since 2006. Last EC meeting was held in Feb. 2009. There are 248 HHs with 25 WMG members (9 females). No IGA was implemented. Amount of shares is Tk 1,250 and savings is Tk 2,230.
15	Doribaherchar	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC with 2 holding the VC and Secretary posts. No AGM meeting since 2006 and last EC meeting was in August 2009. There are 674 HHs with 107 WMG members (35 females). Amount of shares is Tk 1,250 and savings is Tk 34,030. Still performing O&M activities

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															when needed but with poor participation from members.
D.	Masuakhali WMA	-	-	2	-	-	2	N/A	N/A	N/A	4	-	-	8	Dormant. There are 4 women members in the EC with one holding the Secretary post. No record on AGM meeting conducted. Last EC meeting was held in July 2010.
16,	Bolaikhati	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. No AGM meeting since 2006 and last EC meeting was in Nov. 2009. There are 255 HHs with 57 WMG members (18 females). No IGA implemented. Amount of shares in Tk. 1,250 and savings is Tk. 10, 950. Money is mostly deposited in the bank.
17.	Uttar Badura	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the VC post. No AGM since 2006 and last EC meeting was in Dec. 2009. There are 373 HHs with 58 WMG members (8 females). No IGA implemented. The amount of shares is Tk 1,250 and savings is Tk 9,890. Money is mostly deposited in the bank.
18.	PurboBadura	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There had been no AGM since 2006 and last EC meeting was in July 2010. No records found during the assessment. There are 355 HHs with 50 WMG members (12 females). No IGA implemented and all money collected are in the bank. Amount of shares is Tk 1,250 and savings is Tk 10,420.
E.	Nasaisheel WMA	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC holding no post. No general members' and EC meetings held since 2009. Almost no O&M activity implemented by WMA.
19	Nijsuhari-DakkhinSailabunia	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with no post. There had been no AGM since 2006 and the last EC meeting was in June 2009. There are 348 HHs with 65 WMG members (26 females). No microcredit/IGA implemented. Amount of shares is Tk. 1,250.00 and savings is Tk. 39,430. At the time of assessment, only Tk 10,647 in the bank. There was huge amount of cash in hand. Bookkeeping/record keeping is poor.
20	Madhya Sailabunia	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC with one holding the JS post. There had been no AGM held and last EC meeting was in July 2010. There are 316 HHs with 62 WMG members (19 females). No IGA/microcredit implemented. Amount of shares is Tk. 1,250 and savings is Tk. 33,495. Still performing O&M activities when needed but with poor participation from members.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
21	Uttar Shailabunia	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There had been no AGM since 2006 and the last EC meeting was held in March 2009. There are 341 HHs with 52 WMG members (23 females). No IGA/microcredit implemented. Amount of shares is Tk. 1,250 and savings is 5,890. All these are deposited in the bank.
22	Kalaikishor	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There had been no AGM since 2006 and last EC meeting was held in March 2009. There are 606 HHs with 90 WMG members (34 females). No IGA/microcredit implemented. Amount of shares is Tk. 1,250 and savings is Tk. 15,220 which is all deposited in the bank.
23	Dakkhin-PurbaGolBanshunia	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC with one holding JS post. There had been no AGM held and the last EC meeting was in Oct. 2009. There are 302 HHs with 60 WMG members (21 females). No IGA/microcredit implemented. Amount of shares is Tk. 1,250 and savings is Tk. 7,993. Still performing O&M activities when needed but with poor participation from members.
24	DakkhinAmkhola	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There had been no AGM since 2006 and last EC meeting was held in July 2009. There are 280 HHs with 33 WMG members (17 females). No IGA/microcredit implemented. Amount of shares is Tk. 1,250 and savings is Tk. 19,900.
F.	Badura WMA	-	-	2	-	-	2	N/A	N/A	N/A	-	-	2	6	Dormant. There are 4 women members in the EC holding post. No meetings (AGM and EC) and activities conducted since 2009.
25	Uttar PaschimGolBanshunia	-	-	2	-	-	2	-	3	-	4	-	-	11	Cat C. There are 4 women members in EC with one holding the JS post. No AGM and audit done since 2008. The last EC meeting was held in April 2011. There are 340 HHs with 93 WMG members (36 females). Amount of shares is Tk. 1,250 and savings is Tk. 40,750. About Tk. 41,000 distributed as loans to members. Still performing O&M activities when needed but with poor participation from members.
26	Ramdula	4	-	-	-	-	2	-	3	-	4	-	-	13	Cat A. There are 4 women members in EC with one holding the JS post. AGM, EC and yearly audit were done regularly. At the time of assessment, records showed that the last EC, AGM meeting and audit were held in Nov. 2013. Election of new EC members was also held in Nov. 2013. There are 325 HHs with 86 WMG members (18 females). No IGA conducted. Amount of shares is Tk. 1,250 and savings is Tk. 23,295 and all deposited in the bank. Still performing O&M activities when needed but with poor participation from members.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
27	Dakkhin-PurboBadura	-	3	-	-	3	-	-	-	2	4	-	-	12	Cat B. There are 4 women members in the EC with holding the JS post. There had been no AGM meeting since 2006 but EC meetings were held regularly and the last meeting held at the time of assessment was in Sept. 2012. There are 414 HHs with 108 WMG members (37 females). Cooperative is weak, no IGA implemented. Amount of shares is Tk. 1,250 and savings is Tk. 66,007 mostly in the bank. Still performing O&M activities when needed with fairly good participation from members.
28	Dakkhin-PaschimBadura	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There had been no AGM but last audit done in Sept. 2011. The last EC meeting was held in July 2009. There are 518 HHs with 148 WMG members (62 females). No IGA/microcredit implemented. Amount of shares is Tk. 7,400 and savings is Tk. 33,274, all deposited in the bank.

Proposals to Improve WMA Functionality

- Reform EC: some EC members need to be changed
- Maintain WMA Office, appoint someone for office maintenance
- Repair WMA office (Amkhula WMA)
- Need to raise fund for O&M
- Appoint someone to operate and maintain sluice gate
- BWDB to hand-over unused lands
- Ensure regular meetings
- Need for registration, open bank account and collect shares and savings
- Training on Organizational Management and Leadership

Proposals to Improve WMG Functionality

- Present EC should be dissolved and call for new elections, EC needs to be reformulated
- Increase membership
- Monthly and annual plans should be done in a participatory manner and should be implemented
- Maintain and update records and books
- Audit and AGM should be implemented yearly
- Conduct regular monthly meetings

- Office for WMG with furnitures
- Increase savings collection and Invest in IGA
- Training for EC and general members (not specified what type of training)
- Transparent accounting and financial management system
- Increase shares and savings
- Review and revise by-laws
- BWDB to hand-over unused lands
- Training on bookkeeping and cooperative activities, organizational and management, leadership, use and management of agricultural machineries
- O&M fund raising with support from Blue Gold
- Strengthen relationship between WMA and WMGs
- Regular elections should be held based on by-laws

Annex E: POLDER WISE SUMMARY OF WMO FUNCTIONALITY ASSESSMENT

Name of Zone: Patuakhali (Southern Zone), BWDB, Barisal

Polder No. 43/2E

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
A	Joinkati WMA	-	3	-	-	3	-	N/A	N/A	N/A	4	-	-	10	Cat B. There are 4 female members elected who assumed Vice Chair and joint secretary posts. Last general members' meeting was held in June 2011 with good attendance. Bi-monthly EC meetings have been conducted until April 2012. Women attendance was fair. Maintenance activities were initiated when needed.
1	Fedain Nagar	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with no post. Last AGM conducted in 2009 and EC meeting in Nov. 2011. There are 208 HHs with 68 WMG members (32 female). The amount of shares is Tk 1,250 and savings is Tk 2,750. No IGA implemented. All activities have stopped at the time of the assessment.
2	Char Joinkhati (Purbo)	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with no post. No AGM conducted after 2007 but last EC meeting was held in Nov. 2011. There are 250 HHs with 52 WMG members (22 female). The amount of shares is Tk 1,250 and savings is Tk 1,100. Loans in the amount of Tk. 25,000 were distributed to members which were not repaid. All activities have stopped at the time of the assessment.
3	Char Joinkati(Pashim)	-	-	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 6 women members in the EC with 3 holding the VC, JS and Cashier posts. Last AGM was held in 2007 while EC meeting in April 2009. There are 337 HHs with 51 WMG members (17 female). Amount of shares is Tk. 2,550 and savings is Tk. 24,970. Tk. 26,000 was distributed as loans to members which remained unpaid. Maintenance activities were undertaken when needed.
4	PurboJoinkati (Paschim)	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with no post. No AGM conducted after 2007 and last EC meeting was held in Feb. 2010. There are 230 HHs with 49 WMG members (17 female). The amount of shares is Tk 1,250 and savings is Tk 15,400 which is all in bank. Registration of this WMG has been

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															cancelled. All activities have stopped at the time of the assessment.
5	PurboJoinakati (Madhya)	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 5 women members in the EC with no post. No AGM and audit conducted after 2007 and last EC meeting was held in Oct. 2009. There are 204 HHs with 40 WMG members (19 female). The amount of shares is Tk 1,250 and remaining savings is Tk 500 (returned to members). No IGA was implemented. All activities have stopped at the time of the assessment.
6	PurboJoinakati (Purbo)	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with no post. No AGM and audit conducted after 2007 and last EC meeting was held in June 2009. There are 205 HHs with 30 WMG members (12 female). The amount of shares is Tk 1,250 and savings is Tk 500 (returned to members). No IGA was implemented. All activities have stopped at the time of the assessment.
7	Katura Taluk	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with no post. No AGM and audit conducted after 2007 and last EC meeting was held in Nov. 2011. There are 163 HHs with 45 WMG members (14 female). The amount of shares is Tk 1,250 and savings is Tk 2,750 and all amount in bank.. No IGA was implemented. All activities have stopped at the time of the assessment.
8	Uttar Shehakati	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the VC post. No AGM and audit conducted after 2008 and last EC meeting was held in May 2009. There are 467 HHs with 66 WMG members (32 female). The amount of shares is Tk 1,250 and savings is Tk 1,250 and all amount in bank.. No IGA was implemented. All activities have stopped at the time of the assessment.
9	DakkhinShehakati (Dakkhin)	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with no post. No AGM and audit conducted after 2006 and last EC meeting was held in Oct 2009. There are 266 HHs with 47 WMG members (17 female). The amount of shares is Tk 1,250 and savings is Tk 1,950. No IGA was implemented. All activities have stopped at the time of the assessment.
10	DakkhinShehakati (Uttar)	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the VC post. No AGM and audit conducted after 2005 and last EC meeting was held in June 2009. There are 200 HHs with 40 WMG members (13 female). The amount of shares is Tk 1,250 and savings is Tk 9,194. Loans were distributed and TK 7,700 remained unpaid. All activities have stopped at the time of the assessment.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
11	Talbaria	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 5 women members in the EC with 2 holding the JS and Cashier posts. No AGM and audit conducted after 2006 and last EC meeting was held in May 2010. There are 79 HHs with 36 WMG members (14 female). The amount of shares is Tk 1,250 and savings is Tk 5,750 and all amount in bank. No IGA was implemented. All activities have stopped at the time of the assessment.
12	Pirtola	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 5 women members in the EC with 3 holding the VC, Cashier and JS posts. No AGM and audit conducted after 2006 and last EC meeting was held in March 2009. There are 188 HHs with 32 WMG members (16 female). The amount of shares is Tk 1,250 and savings is Tk 2,250 and all amount in bank. No IGA was implemented. All activities have stopped at the time of the assessment.

Proposals to Improve WMA Functionality

- WMGs should be strengthened
- WMA should be registered
- Handing over BWDB khas land to assist WMA to raise fund for O&M
- Build linkage with BWDB and Upazila level officials

Proposals to Improve WMG Functionality

- Meetings to be held regularly
- Shares and savings should be collected regularly and that fund should be utilized in IGAs
- BWDB should hand-over unused lands
- Build up linkages with different organizations and government agencies
- WMG should have its own office
- Increase shares and savings and should be collected regularly
- Present EC should be dissolved and call for new elections, EC needs to be reformulated, Increase effectiveness of EC through training
- Audit should be regularly and properly done
- Regular AGM implementation
- Increase membership
- Training for EC, Organizational Management, Leadership, cooperatives, IGAs

Annex F: POLDER WISE SUMMARY OF WMO FUNCTIONALITY ASSESSMENT

Name of Zone: Patuakhali (Southern Zone), BWDB, Barisal

Polder No. 43/1A

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WVG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
A	Kukua-Athargachia WMA	-	-	2	-	3	-	N/A	N/A	N/A	4	-	-	9	Cat C. There are 4 women members in the Executive Committee (EC) with no post. No general members' meeting conducted since 2010 and the last EC meeting was held in 2013. The present Chairman is autocratic. No new elections held. Initiates maintenance activities when needed.
1	East Shakharia	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 4 women members in the EC with one holding the Joint Secretary (JS) post. The last Annual General Meeting (AGM) was held in July 2010 and EC meeting in Jan. 2011. Last audit was conducted in Oct. 2011. There are 430 HHs with 63 WVG members (20 female). Amount of shares is Tk 4,050 and savings is Tk 4,000. Some of the savings were returned to the members during the last AGM. WVG maintained sluice, khal and embankment only when needed. O&M funds were collected when needed.
2	Khakdan	4	-	-	-	3	-	4	-	-	4	-	-	15	Cat A. There are 4 women members in the EC with one holding the JS post. Last AGM and election of EC was conducted in June 2012 with good attendance. Last EC meeting was held in Mar. 2013. Last audit was in Jan. 2013. There are 446 HHs with 91 WVG members (38 female). Loans amounting to Tk 25,000 were distributed to members and repayment was good. Amount of shares is Tk 4,650 and savings is Tk 43,187. WVG maintained sluice, khal and embankment only when needed. O&M funds were collected when needed.
3	West Athargachia	-	--	2	-	3	-	-	-	2	4	-	-	11	Cat C. There are 4 women members in the EC with one holding the JS post. Last AGM held was on July 6, 2010 and last EC meeting held in Oct. 2010. Last audit conducted was in 2011. There are 327 HHs with 80 WVG members (24 female). Amount of shares is Tk. 3,750 and savings is Tk. 3,000. Tk 1,000 was distributed to members but not yet fully repaid. All coop activities stopped. WVG maintained sluice, khal and embankment only when needed. O&M funds were collected when needed.

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
4	North Athargachia	-	-	2	-	-	2	-	-	2	4	-	-	10	Cat C. There are 4 women members in the EC with one holding the JS post. No record of AGM conducted and last EC meeting was held in June 2008. Records and books were updated in 2011 for the audit conducted in Jan. 2012. There are 396 HHs with 66 WMG members (23 female). Amount of shares is Tk 3,100 and savings is Tk 4,010. Almost dormant because all activities have stopped including O&M.
5	West Shakharia	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members with one holding JS post. There is no record of AGM meeting but last EC meeting was held in Dec. 2010. There are 486 HHs with 66 WMG members (21 female). The amount of shares is Tk 3,300 and savings is Tk 3,600. All activities have stopped at the time of assessment.
6	South Athargachia	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members with one holding JS post. There is no record of AGM meeting but last EC meeting was held in Oct. 2010. Last audit was conducted in 2011. There are 281 HHs with 60 WMG members (22 female). The amount of shares is Tk 3,100 and savings is Tk 4,000. All activities have stopped at the time of assessment
7	South Sonakhali	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members with one holding JS post. There is no record of AGM meeting but last EC meeting was held in Aug. 2010. Last audit conducted was in July 2011. There are 367 HHs with 60 WMG members (23 female). The amount of shares is Tk 3,200 and savings is Tk 6,300. All activities have stopped at the time of assessment
8	Raybala	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members with two holding the secretary and cashier posts. There is no record of AGM meeting but last EC meeting was held in July 2010. There are 195 HHs with 50 WMG members (20 female). The amount of shares is Tk 1,250 and savings is Tk 6,750. All activities have stopped at the time of assessment. This WMG is not registered yet.
9	West Sonakhali	-	3	-	-	3	-	-	3	-	4	-	-	13	Cat B. There are 4 women members in the EC with one holding the JS post. AGM and elections were held in June 2010. The last EC meeting was held in Aug. 2011. Last audit was conducted in July 2011. Amount of shares in Tk. 3,400 and savings is Tk. 16,340. Loans in the amount of Tk 6,000 distributed to members. WMG maintained sluice, khal and embankment only when needed. O&M funds were collected when needed.
10	East Chunakhali	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members with two holding the VP and JS posts. There is no record of AGM meeting but last EC meeting was held in June 2008. Last audit was in Dec. 2012! There are 112 HHs with 56 WMG members (21 female). The amount of shares is Tk 3,400 and savings is Tk 3,865. All activities have stopped at the time of assessment

SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMG)	Org'l Management			O&M			Co-operative			Conflict Management			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
11	East Kewabunia	-	-	2	-	-	2-	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There is no record of AGM and EC meeting. There are 290 HHs with 70 WMG members (23 female). The amount of shares is Tk 3,650 and savings is Tk 7,875. Prior to being dormant, loans in the amount of Tk. 3000 distributed to members. All activities have stopped in Sept. 2011.
12	North Sonakhali	-	-	2	-	-	2-	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the Chair person post. There is no record of AGM meeting but last EC meeting was held in July 2010. There are 195 HHs with 50 WMG members (20 female). The amount of shares is Tk 1,250 and savings is Tk 6,750. All activities have stopped at the time of assessment. This WMG is not registered yet.
13	West Kewabunia	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There is no record of meetings held. All activities have stopped after 2008. There are 531 HHs with 70 WMG members (24 female). The amount of shares is Tk 3,100 and savings is Tk 4,300. This WMG is not registered yet
14	Chawla	-	-	2	-	-	2	-	-	2	4	-	-	10	Dormant. There are 4 women members in the EC with one holding the JS post. There is no record of meetings held. All activities have stopped after 2008. There are 391 HHs with 35 WMG members (10 female). No shares collected but savings amount is Tk. 6,000. This WMG is not registered yet

Proposals to Improve WMA Functionality

- Need for registration, open bank account and collect shares and savings
- Re-organize EC
- Need to raise fund for O&M
- BWDB to hand-over unused lands
- Training on Organizational Management and Leadership

Proposals to Improve WMG Functionality

- Ensure participation
- Organizational and Management Training and O&M Training

- WMG Office
- BWDB to hand-over unused lands
- Better relationship with DoC
- Invest in IGA
- Regular meetings (EC and AGM)
- Regular shares and savings collection
- Strengthen women participation in decision making process
- Engage women in all activities
- Need to register (WMG not yet registered)