



## **Blue Gold Program**

### **Report No. 3**

#### **Outcome of Functionality Assessment for Water Management Organizations**

**Polders 22, 30, 43/2D and 43/2F**

**Embassy of the Kingdom of the Netherlands,  
Dhaka, Bangladesh**

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

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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
DAE	Department of Agricultural Extension
DC	District Commissioner
DoC	Department of Cooperatives
EC	Executive Committee
FCD/I	Flood Control and Drainage/Irrigation
FFS	Farmers Field School
FGD	Focus Group Discussion
Ha	Hectare
HH	Household
IGA	Income Generating Activity
IPSWAM	Integrated Planning for Sustainable Water Management
LGI	Local Government Institutions
MoU	Memorandum of Understanding
NGOs	Non-Government Organizations
O&M	Operation and Maintenance
PMC	Project Management Committee
UNO	Upazila Nirbahi 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

**BLUE GOLD PROGRAM**  
**REPORT ON THE OUTCOME OF THE WMO FUNCTIONALITY ASSESSMENT**

## **1. INTRODUCTION**

The Water Management Organization (WMO) Functionality Assessment was conducted in the four (4) polders included in the first year implementation plan of Blue Gold Program. The 4 polders are: Polders 22 and 30 in Khulna and Polders 43/2D and 43/2F in Patuakhali. The functionality assessment format and the checklist of information were pre-tested in June 2013 and modifications were done accordingly. Actual implementation of this activity including compilation and analysis of data was undertaken from July to September 2013 covering a total of 5 Water Management Associations (WMAs) and 110 Water Management Groups (WMGs).

This report will be discussing the following:

- Objectives of the WMO Functionality Assessment;
- Content and Methodology;
- Functionality Rating and the Issues and Recommendations from the WMAs and WMGs; and
- Conclusions and Recommendations

## **2. 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"> <li>Organize WMOs to participate actively in the planning and implementation of rehabilitation works and assume O&amp;M responsibilities in accordance to O&amp;M Agreement with BWDB</li> <li>Strengthen women participation in all activities and increase number of women in leadership posts</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>
2.	Operation and Maintenance	<ul style="list-style-type: none"> <li>Enable WMOs to perform routine O&amp;M works through the WMA and O&amp;M/Block Committees</li> <li>BWDB to perform periodic maintenance and emergency works and provide technical support to WMOs during and after project.</li> <li>IPSWAM did not pursue creation of O&amp;M funds but encouraged WMOs to contribute labour and materials and collect cash when needed for O&amp;M.</li> <li>BWDB to facilitate handing-over of acquired lands and water bodies for WMO management and source of O&amp;M funds</li> </ul>	<ul style="list-style-type: none"> <li>Basically the same mandate but will assist WMOs in creating O&amp;M funds for regular routine and emergency works and to pursue with BWDB handing-over of acquired and unutilized lands and water bodies to WMO</li> <li>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 Plans.</li> </ul>
3.	Cooperative Development	No mandate but IPSWAM facilitated registration of WMGs	<ul style="list-style-type: none"> <li>Strengthen existing WMOs and develop their capacity to</li> </ul>

No.	Parameters	IPSWAM MANDATE	BLUE GOLD MANDATE
		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 Cooperative development and management in coordination with DoC.	perform not only water management functions but also economic activities <ul style="list-style-type: none"> <li>• Provide capacity building and logistic support to DoC</li> <li>• Strengthen cooperation and coordination with DoC</li> <li>• Improve income level of the households enabling them to contribute more for O&amp;M</li> <li>• 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&amp;M and office logistics of WMOs.</li> </ul>
4.	Conflict Management	<ul style="list-style-type: none"> <li>• Village based WMGs as an approach to WMO formation facilitated management of conflicts at lowest level possible</li> </ul>	<ul style="list-style-type: none"> <li>• 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</li> <li>• Renaming and re-organization of existing Block Committees to Water Management Committees (WMCs) at each catchment/slucice area to strengthen O&amp;M planning and implementation</li> </ul>

IPSWAM successfully carried out its mandate but sustaining functionality of the WMOs was difficult due to several factors which are elaborated under Chapter 7. A.

### 3. 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.

## 4. LIMITATIONS IN CONDUCTING THE WMO FUNCTIONALITY ASSESSMENT

1. This activity should not be seen as a scientific evaluation research study. It was conducted for the purpose of getting an *indication* of the functionality status of the existing WMOs that would serve as a baseline and basis for formulating the strategy and processes in strengthening and/or sustaining functionality of the existing WMOs under the Blue Gold Program.
2. The methodology as described earlier mainly used Focus Group Discussions (FGDs).
3. 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.
4. 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.
5. 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 in Cat A because no conflicts were reported.



## 5. BACKGROUND INFORMATION ON THE WATER MANAGEMENT GROUPS (WMGs)

Basic information on each WMG in the four (4) polders was also gathered by the Community Organizers during the conduct of the functionality assessment. These data were gathered during the assessment period (July-August 2013). These are now being updated as part of the initial 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 Four (4) Polders**

Particulars	Polder 22	Polder 30	Polder 43/2D	Polder 43/2F
<b>Number of WMGs</b>	12	41	30	27
<b>Total Number of Households (HHs)</b>	2112	8679	10337	6725
<b>Average no. of HHs per village</b>	176	212	345	249
<b>(range)</b>	(55-347)	(71-470)	(210-700)	(100-379)
<b>Number of WMG members at the time of formation</b>	1130	5320	9585	3598
<b>(% of HH representation)</b>	(53%)	(61.3%)	(92.3%)	(53.5%)
<b>Number of registered members at present</b>	1521	2254	2704	1683
<b>(% of HH representation)</b>	(72%)	(26%)	(26%)	(25%)
<b>Number of registered female members (%)</b>	639	874	1065	668
	(42%)	(38.8%)	(39.4%)	(39.7%)
<b>Number of registered male members (%)</b>	882	1380	1639	1015
	(58%)	(61.2%)	(60.6%)	(60.3%)

Registered members are those who bought shares and deposited monthly savings from the time the WMG registered with the Department of Cooperatives. The percentage of households represented in the WMG membership at the time of formation and at present is based on the assumption that the members come from different households. The *Household Survey* which is currently being undertaken in the four polders will be able to surface the accurate number of members from each household.

## 6. WMO FUNCTIONALITY RATING, ISSUES AND RECOMMENDATIONS

### A. KHULNA ZONE

#### 1. Polder 22

- a. **Functionality Rating.** There is one WMA and 12 WMGs in this polder. Analysis of the functionality assessment formats accomplished by the COs for each of the WMA and 12 WMGs showed the following outcome:

**Table 3. Summary of Functionality Status of WMOs in Polder 22**

No.	WMOs	WMO OVERALL RATING			
		CAT A	CAT B	CAT C	DORMANT
1.	WMA = 01	1(100%)	-	-	-
2.	WMGs = 12	2 (17%)	5 (41%)	3 (25%)	2 (17%)

Annex B presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder.

#### b. Issues

The following are key issues surfaced during the FGDs with the respondents.

- i. Water Related Issues: Many WMGs raised water scarcity as main issue which affected their rabi crops. The problem on drinking water is also severe in this polder. There are only 4 deep tube wells available for drinking water. During IPSWAM project, 9 ponds were excavated/re-excavated to help alleviate the drinking water problem but now all these are heavily silted and polluted. Saline water intrusion is also prevalent causing some water management conflicts among villagers. Almost all of the khals in this polder need to be re-excavated for drainage and water storage purposes. Leasing out of khals by Upazila and UNO offices is a problem in some villages. Water use conflict among farmers, fisher folks and shrimp growers occurs from time to time in several villages especially where land topography is uneven.
- ii. Organizational Issues: 5 of the WMGs no longer conduct any organizational activities e.g. meetings, record keeping, planning and decision-making. 8 WMGs still conduct organizational activities but not regularly and oftentimes with weak attendance and participation from both the officials and members. Majority (10) of the WMGs have weak leadership and all WMGs did not yet conduct re-election after terms of office of EC members and office bearers lapsed as stipulated in their By-Laws. In general, percentage of women membership in the Executive Committee of WMA and WMG is at least 30%. It had been observed in WMG meetings conducted during recent field visits by Blue Gold team in Khulna polders (especially where there is large Hindu community), women participation was good not only in terms of their attendance but in their participation in the discussions as well.

- iii. Cooperative Issues:** All WMG registration status is still active and have passed audit by Department of Cooperatives (DoC) though 10 WMGs have not properly kept and updated their records and books of accounts. In this polder, about 72% of the total households are represented in the cooperative membership on the assumption that membership comes from different households(see Table2). Women membership in the Cooperatives is quite high (42%). 5 WMGs distributed loans to both male and female members while 7 WMGs collected shares and savings only. Majority of the respondents opined that they still lacked training in cooperative management, skills in bookkeeping/record keeping and also knowledge and skill in running IGAs. The DoC inspectors usually carry out audits of WMGs' accounts but the WMGs expect more assistance and support from the DoC inspectors than just auditing. Besides, the WMGs are also concerned about the incidental costs in the process of audit activities.
- iv. O&M Issues:** WMA and all WMGs did not have regular O&M budget and funds but they collect contributions when needed from all water users (both WMO members and non-members) in the polder. Two WMGs no longer perform O&M functions while 5 WMGs perform O&M works occasionally with weak participation from its members. WMA was weak in planning and implementing O&M activities though they have initiated successfully emergency repair works in the embankment after cyclone *Sidr*. Labor participation in O&M by women was mainly on clearing canal obstructions like water hyacinth. There was insufficient periodic maintenance by BWDB, which may have reduced the interest of WMOs in planning and carrying out routine O&M activities.
- v. Conflict Management:** In this polder, there are serious water use conflicts among different stakeholder groups, as follows: a) blocking channel and interfering in sluice operation for fish cultivation against the interest of farmers; b) influential people occupied portion of a main channel and they are against re-excavation of the khal; c) recurring conflict between highland and lowland villagers and between shrimp growers and farmers; d) khal leasing by Union Parishad and Upazila Nirbahi Officer (UNO) offices and taking control of the operation of some sluice gates by UP Chairman created serious conflicts among villagers especially in Amtola, Gonggarampur, Dewatala, Kayemkhola, Kathamari Gopalkhali and Parshalua.

## 2. Polder 30

- a. Functionality Rating.** Analysis of the functionality assessment formats accomplished by the COs for WMA and 41 WMGs showed the following outcome:

**Table 4. Summary of Functionality Status of WMOs in Polder 30**

No.	WMO	WMO OVERALL RATING			
		CAT A	CAT B	CAT C	DORMANT
1.	WMA = 1	-	1(100%)	-	-
2.	WMGs = 41	2(5%)	8 (19%)	11 (27%)	20 (49%)

Annex B presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder.

**b. Issues**

- i. Water Management: Water scarcity affecting rabi crops is one of the main problems. Main channel could not be re-excavated because some influential people occupied it and are against the re-excavation. Drainage congestion and water logging is also a problem affecting the Aman crop. Several beels are water logged and drainage system is poor. Some sluices were reportedly not working properly which contributed to drainage congestion. Unplanned fish cultivation in some khals also contributed to water logging situation. Some khals were leased out by Upazila offices (i.e. UNO) and District Commissioner's (DC) Office to some people for fish cultivation who in turn closed the khals and declared these dead. Moreover, influential/rich people make small dikes around their land for shrimp cultivation and in the process blocking the flow of water which further exacerbated the water logging problem. Lack of drinking water is also a major problem and considered severe as reported in 15 villages.
- ii. Organizational Management: Majority (39) of the WMGs have weak leadership and all WMGs did not conduct yet any re-election EC members and office bearers after their terms of office lapsed as stipulated in their By-Laws. Bookkeeping and record keeping still need to be strengthened in many WMGs. There is high percentage of dormant or inactive WMGs in this polder as compared to Polder 22. One major factor identified is the poor water management condition that is exacerbated by the interference of influential people and that BWDB did not conduct preventive maintenance. Another factor is the absence of funds to support organizational activities of the WMA and WMGs. Many of the EC members and office bearers opined that they are spending their own money to organize meetings and also for transportation costs. The respondents mentioned that they did not collect contributions from the members to support organizational expenses.
- iii. Cooperative: Registration with DoC of 16 WMGs was cancelled while the registration of 10 WMGs was maintained though their books and records have not been properly kept and updated (5 of these WMGs are already dormant). Representation of registered members in 27 WMGs against the total number of households is relatively low (only 26% of the total households have members in the cooperative as shown in Table 2). However, women membership in the Cooperatives is about 39% which is quite good, considering that Blue Gold's target is at least 40%. As in the case of Polder 22 WMGs, majority of the respondents opined that they still lacked training in cooperative management, skills in bookkeeping/record keeping and also knowledge and skill in running IGAs.
- iv. O&M issues: WMA and all WMGs do not have regular O&M budget and funds but they collect contributions when needed from both members and non-members. The WMA had been weak in planning and implementing O&M activities though they have initiated successfully emergency repair works in the embankment after cyclone Sidr (November 2007) struck the area. In general,

performance of Block Committees and gatekeepers is not adequate due to weakness in the planning and supervision from WMA Executive Committee members. The Gatekeepers get some voluntary contributions (in kind and cash) from some members. Labor participation in O&M by women was mainly on clearing canal obstructions like water hyacinth. There was no periodic and emergency maintenance done by BWDB due to shortage of fund, which may have frustrated the WMOs and discouraged them to plan and perform routine O&M works regularly.

- v. **Conflict Management:** Conflict in many WMGs is managed internally at the lowest level possible and there exist no major factions within the group/village. Hence, conflict management has been rated 'Good' in almost all WMGs. This may be attributed to the fact that WMGs in general are village-based and there is inherent cohesion in place. Unresolved water related conflicts are observed in polders where there is uneven topography resulting to grouping of people into highland and lowland (Fisherfolks vs. Farmers) groups who constantly quarrel over water use. Through the WMGs, these conflicts are better managed. However, in cases where WMGs are weak, this type of conflict is not fully resolved and recurs from time to time. There are also cases where WMGs are unable to stop influential people including UP Chairman and members in controlling the operation and management of structures and khals for their own vested interests. Conflict management even in dormant WMGs was rated "Good" by the concerned COs because respondents said that there is no conflict in the village and if there was, this is managed internally within the village.

### **3. Recommendations from the WMOs in Polders 22 and 30**

The following is a list of recommendations proposed during FGDs conducted with WMA and WMGs respondents in Polders 22 and 30:

- Both WMAs strongly recommended the handing-over of some water bodies and/or unutilized acquired land by BWDB that will allow them to engage in economic activities. They opposed leasing these out to outsiders;
- Almost all of the khals in the 2 polders need to be re-excavated for drainage and water storage purposes;
- Repair of sluices which are not working properly to ease drainage congestion;
- Reform WMA and WMG Executive Committees and re-elect new office bearers;
- Increase membership in WMGs and increase percentage of registered members in the cooperative vis-à-vis total number of households in the village;
- Conduct WMA and WMG Executive Committee meetings and ensure good attendance;
- Conduct regular WMA and WMG general members' meetings and ensure good attendance;
- Improve and implement participatory decision-making process at WMA and WMG levels;
- Strengthen and increase collection of shares and savings;
- Implement profitable enterprise development activities/IGAs and provide loans/credit to members;
- Conduct skills development training on tailoring, handicrafts and other business enterprises/IGA and programs;

- More training in agriculture-related courses (fish cultivation and poultry raising)
- Allow fish/rice/vegetable cultivation in borrow pits
- Strengthen and make more participatory the process for water management problem identification and prioritization of works
- Improve communication system and transparency level within the organization (both WMA and WMG)
- Need to create WMA and WMG funds for organizational and O&M expenditures and for BWDB to regularly provide technical support in O&M.
- Create opportunities for women leadership and provide special training for women on this aspect
- Training in bookkeeping and record-keeping
- Maintain records, ledgers, books properly and update regularly and promote transparent accounting system
- Training on Leadership, Organizational Management and Cooperative management
- Maintain and record properly shares and savings collection
- Some WMGs with 9 EC members recommended increasing number to 12 members
- Increase the height of embankment (may not be possible due to budget limitation)

## B. PATUAKHALI ZONE

### 1. Polder 43/2D

- a. **Functionality Rating.** There are 2 existing WMAs and 30 WMGs in this polder. Table 3 shows the summary of the functionality status of these WMOs.

**Table 5. Summary of Functionality Status of WMOs in Polder 43/2D**

No.	WMO	WMO OVERALL RATING			
		CAT A	CAT B	CAT C	DORMANT
1.	WMA = 2	1 (50%)	-	1 (50%)	-
2.	WMGs = 30	-	5 (17%)	13 (43%)	12 (40%)

Annex C presents the detailed outcome of the functionality assessment conducted in the WMAs and WMGs for this Polder.

### b. Issues

- i. **Water Management:** Many children suffer from water-borne diseases due to insufficient water in ponds and khals for domestic use and for drinking. Women respondents requested re-excavation of all silted channels and installation of tube wells for drinking water. Water scarcity for cultivation during dry season greatly affected crop production. According to FGD respondents, water logging is

due to several dysfunctional sluices and outlets. They also proposed re-excavation of several khals for storage and drainage purpose. After IPSWAM, BWDB could not perform periodic and emergency maintenances as stipulated in the O&M Agreement with the WMA due to shortage of fund.

- ii. Organizational Issues: Record keeping/bookkeeping still needs to be strengthened in many WMGs and in the WMA. In general, percentage of women membership in the Executive Committee of WMA and WMG is at least 30%. However, attendance and participation in WMG AGMs and planning, women participation was low. In the WMA, female attendance and participation in the general members' meetings was weak but in the EC meetings, women participation was good. Women membership in the cooperative is about 40%. The Vice Chairperson is a woman. The WMA including all WMGs have not yet conducted re-election after terms of office of EC members and office bearers lapsed as stipulated in their By-Laws.
- iii. Cooperative Issues: Out of 30 WMGs, only 3 WMGs (East Garakhali, East Garakhali (North), and East Sharikkali) have high membership percentage from the total number of households and higher women membership. As a whole, cooperative membership is 26% of the total number of households and women membership is 39%. East Garakhali (North) engaged in some IGAs but was not successful. Reasons for the failure are now being identified and analyzed by the COs with the concerned WMG as part of the strengthening process. Almost all respondents opined that they do not have sufficient training in cooperative management, skills in bookkeeping/record keeping and also knowledge and skill in running IGAs.
- iv. O& M issues: In general, except for the dormant ones, WMA and WMGs are performing O&M works occasionally though they have not created regular funds for O&M. In many cases, they collected contributions from well-off villagers for works that needed cash and materials. They performed mainly routine O&M works that relied on manual labor. In general, performance of Block Committees and gatekeepers is weak in this polder. Labor participation in O&M by women was mainly on clearing canal obstructions like water hyacinth.
- v. Conflict Management: Conflict in many WMGs in this polder is managed internally at the lowest level possible and there exist no major factions within the group/village. Hence, conflict management has been rated 'Good' in almost all WMGs. In few cases, conflict between fisherfolks and farmers were not resolved internally by the concerned WMGs. The UP Chairman and Upazila Nirbahi Officer (UNO) helped managed the conflict to some extent.

## **2. Polder 43/2F**

### **a. Functionality Rating**

There is one WMA and 27 WMGs in Polder 43/2F. Table 4 shows the summary of the functionality status of these WMOs.

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

No.	WMO	WMO OVERALL RATING			
		CAT A	CAT B	CAT C	DORMANT
1.	WMA = 1	-	-	1(100%)	-
2.	WMGs = 27	3 (11%)	1 (4%)	22 (81%)	1 (4%)

Annex C presents the detailed outcome of the functionality assessment conducted in the WMA and WMGs for this Polder.

**b. Issues**

- i. Water Management: Respondents mentioned dysfunctional sluices and inlets including eroded banks of some khals and they requested re-excavation of silted khals. All WMGs reported the lack of deep tube wells (DTW) in the polder resulting to severe drinking water problem in many villages.
- ii. Organizational Management: WMA and WMGs did not conduct yet any re-election of the EC members and office bearers after their terms of office lapsed as stipulated in the By-Laws. Women membership in EC of WMA and WMG is at least 30% and in the cooperative it is about 40%. Bookkeeping and record keeping need to be strengthened in many WMGs. There is high number of poor WMGs in this polder (18 Poor + 1 Dormant) which have stopped organizational activities completely. The poor WMGs still perform some O&M activities whenever needed.
- iii. Cooperative Issues: There is a relatively low percentage of membership in the cooperative for 23 WMGs (the lowest is 13% of the total number households and the average is 25%). Regarding conduct of audit by DoC, in many cases, audit was not conducted regularly and in some cases, audit was not even done by DoC since WMG registration. It was reported by a number of WMGs that many of their members were not willing to bear incidental costs in the process of audit activities, hence audit was not performed. There were also two cases where WMG application for registration was not processed by DoC. The WMGs in general expect higher level of cooperation and support from DoC with regards to audit and cooperative management.
- iv. O& M issues: In general, except for the inactive ones, WMA and WMGs are still performing O&M works occasionally. If funds are needed, they collected contributions from well-off villagers for works that needed cash and materials. They performed mainly routine O&M works that relied on manual labor. In general, performance level of Block Committees and gate keepers is relatively low in this polder. Labor participation in O&M by women was mainly on clearing canal obstructions like water hyacinth. BWDB could not perform periodic and emergency maintenances, especially after the cyclones Sidr and Aila, due to shortage of fund.
- v. Conflict Management: Unresolved water related conflicts were observed in this polder where the polder has uneven topography resulting to grouping of people into highland and lowland groups



who constantly argue on water use. Through the WMGs, these conflicts are better managed. However, in cases where WMGs are weak, this type of conflict is unresolved. There are also cases where WMGs are weak to stop influential people including UP Chairman and members in controlling the operation and management of structures and khals for their own vested interests.

### **3. Recommendations from WMOs in Polders 43/2D and 43/2F**

The following is a list of recommendations proposed during FGDs conducted with WMA and WMG respondents in Polders 43/2D and 43/2F:

1. Re-organize the EC by electing/selecting new EC members and office bearers
2. Improve leadership and organizational skills of WMGs and WMAs
3. Respondents mentioned dysfunctional sluices and inlets which they recommended to be repaired including restoration of eroded banks of some khals and re-excavation of silted khals.
4. Establish effective coordination mechanism with the Department of Cooperatives at the District and Upazila levels
5. Conduct Organizational management and leadership training, Cooperative Management, Bookkeeping, Record Keeping and Financial Management and Accounting, Operation and Maintenance (O&M) of FCD/I structures and facilities, Gender Awareness
6. Skills development training on running profitable IGAs/enterprises e.g. poultry/livestock/handicraft, and technical support to women like sewing and handicraft making
7. BWDB to hand-over or make possible for WMO to lease unused water bodies and/or acquired lands in the polder area for economic activities and to stop leasing these out to outsiders or individuals not working for the interest of the majority
8. Provide WMG office with basic office furniture and equipment
9. Financial support to WMGs e.g. revolving fund for starting-up IGA
10. Increase involvement of women in development activities
11. Ensure WMO regular meetings
12. Ensure women participation in WMO activities and create scope for women for important posts in the EC of WMA and WMG and increase women membership to 50%
13. Establish better and effective mechanisms and coordination between WMA and WMGs; and between WMA and BWDB and DoC, Fisheries and Livestock departments and with other service providers
14. Promote closer interactions and linkage with NGOs
15. Strengthen problem identification and decision making and prioritization process on water management intervention works because as expressed by Gulishakhali WMA, many of the proposals they made during IPSWAM time were not considered.
16. Provision of agricultural support machineries and equipment to WMGs as well as establish as many Farmers Field Schools (FFS) as possible on different agriculture topics.
17. Develop good and transparent accounting system. Accurate recording of shares and savings and reporting of financial status
18. Improve and regularize collection of shares and savings from members, increase enrolment of members (particularly women) in the WMG Cooperative

19. Improve maintenance and updating of WMA and WMG books, records and minutes of meetings
20. Help develop ultra-poor in the community/village through IGA implementation.

## 7. CONCLUSIONS AND RECOMMENDATIONS

### A. FACTORS AFFECTING WMO FUNCTIONALITY

Some deductions on the factors that contributed to the functionality status of existing WMOs in the 4 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 Cat C and dormant WMOs.

#### 1. Functionality of the FCD/I Infrastructure and O&M

- a. People were de-motivated and frustrated over the level of functionality of the FCD/I system. The overall functionality of FCD/I structures and facilities after IPSWAM project was not good because some works were not fully completed due to fund constraints. Moreover, repairing major damages to infrastructures wrought by 2 strong cyclones (Sidr on November 15, 2007 and Aila on May 25, 2009) entailed huge expenditures and BWDB did not have enough funds to complete the works. The 2 cyclones heavily affected Polders 43/2A, 2D & 2F in Patuakhali and Polders 22, 29 and 30 in Khulna. The WMOs nevertheless closed all breaches of the embankment with own labor, but obviously the quality of these works could be much better.
- b. Exacerbating this condition is the absence of periodic maintenance on the part of BWDB as stipulated in the O&M agreement with the WMAs after completion of IPSWAM that resulted to backlog in the maintenance. *Despite this, majority of the WMOs performed their O&M responsibilities based on the O&M Agreement signed with BWDB even after IPSWAM was closed.*
- c. Routine maintenance being done by the WMOs used mainly manual labor and regular O&M funds were not created during IPSWAM. Contributions were collected from economically better off people in the polder area when O&M works, specifically for 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. However, they did not get a budget or regular funds and mainly rely on voluntary contributions from members and other villagers (specifically in the case of gatekeepers). Moreover, the WMAs in general lacked supervision and coordination of O&M activities. There was weak guidance and supervision by WMA to the Block Committees and Gatekeepers. WMA respondents opined that they do not have funds to do this.

- d. Interference of influential and rich people as well as other interest groups in the operation and maintenance of FCD/I structures worsened water management conditions in the polders.

## **2. Experience of WMGs in Cooperative Management**

- a. In order to have a legal status, WMGs have to register with DoC. 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 2,000. 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 relatively low representation in the Cooperative membership compared with the total number of potential household members in the village as shown in Table 1 (except for Polder 22). In general, the cooperative membership increased overtime but still did not reach 50% of the potential household members. Decision-making and planning processes on water management, O&M and other organizational activities no longer involve majority of the people in the village as compared during IPSWAM time where all adult villagers were encouraged and motivated to be involved. Representation of the households in WMG membership was 65% prior to WMG registration with the DoC.
- b. WMGs specifically the Executive Committee members and office bearers obviously lack the necessary training to perform cooperative functions on top of their water management responsibilities after they were registered with the DoC. Therefore, they need skills development in: managing a cooperative (although they are carrying out some financial management; bookkeeping and record keeping); and implementing suitable enterprises/IGAs. Micro credit has been the most common IGA implemented by the WMGs although several of these WMGs have not recovered all loans distributed. *IPSWAM project did not have the mandate to start up IGA but has initiated skills development programs for the WMOs and also coordinated with DoC to address registration and auditing issues.*
- c. Overall, experience of the WMGs regarding the services of DoC in relation to registration/renewal of registration and annual audit has not been very encouraging; it could not satisfy the desires of WMGs at the expected level. The WMGs are expected to bear incidental costs in the process of audit and other services, but often they were not able to bear such expenses. On the other hand, DoC has insufficient staff at Upazila and District levels and lacks logistic support (computers, transport, and other consumable items) for them to carry out registration and audit activities for a huge number of WMOs, forcing them to rely on support from WMOs. Recruitment of additional field staff at Upazila/District level and making logistic support available to the field staff would encourage and enable them to do their job in assisting and supporting the WMOs with respect to cooperative management.

## **3. Leadership and Organizational Management**

- a. New elections of Executive Committee members including office bearers after expiry of their term of office were not done as stipulated in the WMO by-laws and regulations.
- b. Lack of transparency in the cooperative operations and financial status was reported by several WMGs. There was incidental 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 own 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.

In Blue Gold, efforts in strengthening leadership and organizational aspects of the WMOs will be combined with developing their awareness and skills in formulating and implementing agro-economic enterprises and other income generating activities (IGAs). This is within the purview of Blue Gold's mandate.

## **B. IMPLICATIONS TO BLUE GOLD PROGRAM AND RECOMMENDATIONS**

Much of the findings of WMO functionality assessment have confirmed and validated the issues and concerns that were included in the Blue Gold Program Document (August 2012) and addressed in the Inception Report. This means that no major changes are expected to be made in the general approach and methodology outlined in the Inception Report for Blue Gold.

The outcome of the WMO functionality assessment surfaced important lessons that Component 1 is now using in developing specific strategies and processes for WMO formation and strengthening under the Blue Gold Program. Moreover, the assessment outcome has been and is being discussed with the WMGs during the needs assessment and village/WMG action plan formulation activity. The functionality assessment proved to be an effective tool in getting the WMGs to start initiating a course of action towards improving their own organization. Many of the WMAs and WMGs have started to take initial steps with the guidance from the COs to re-activate their organizations as a result of the functionality assessment activity.

Taking into consideration the issues and respondents' recommendations surfaced during the assessment as well as observations/findings from recent field visits and meetings with field staff (Zonal Socio-Economists and Community Organizers), the following actions are proposed (some of these are already being undertaken):

## 1. Re-activating/Strengthening Activities for WMGs (Initial Phase)

- a. Conducting WMO Functionality Assessment specifically in the IPSWAM polders is the first step in re-activating WMGs/WMAs and strengthening these. Conducting WMO Functionality in the 4 IPSWAM polders has made a good impact to the WMG and WMA respondents of FGDs. Feedbacks from the field staff included the following:
  - They became aware of the parameters and indicators in assessing the functioning of their WMG and WMA;
  - It served as an effective forum for the general members (men and women) to express and share their thoughts and ideas about their organizations specifically on issues affecting them;
  - People became aware of the specific problems and needs that they need to address to strengthen their WMA and WMG; and
  - People became very enthusiastic to initiate immediately the steps and measures to start re-activating/strengthening their organizations.
  
- b. Needs Assessment/Problem Identification and Village/WMG Action Plan Formulation is the succeeding activity to be conducted after the WMO functionality assessment. Initial implementation of this process in several WMGs in September 2013 resulted in the following outcome (for details on this, read Component 1 Field Reports-Patuakhali and Khulna dated October, 2013):
  - During the session, a visioning exercise was done allowing the WMG members and leaders to visualize what their vision is for their WMG and their village as a whole followed by identifying the needs/problems that need to be addressed to achieve their vision. The outcome of the functionality assessment of the WMG was also discussed;
  - The exercise on visioning and need/problem identification created in them a sense of urgency to start taking steps towards their vision;
  - As part of their initial plan of action, the following steps were planned by the WMGs: i) update their records and books/ledgers and make a report to the general members on the past activities of the WMG especially the financial status of their cooperative; ii) formation of Ad Hoc committee for planning, managing and implementing new election for WMG and WMA EC members and office bearers; iii) firming-up WMG membership (cooperative and non-cooperative members) and motivate those who have not joined to come forward and get involved in the affairs of the WMG and Cooperative as members; and iv) address urgent water management and O&M issues which they themselves can undertake.
  
- c. Training of key informants, Ad Hoc committee members, incumbent EC members and leaders to help them perform their responsibilities more effectively specifically on the following concerns:
  - Review and revision (if necessary) of the by-laws in preparation for new election specifically policies on qualifications for EC membership and leadership, number of EC members and posts, election/selection procedure, duties and responsibilities of EC members and specific

- post (Chairman, Vice Chairman, etc.), qualifications for those who can vote (Cooperative rule is that only the members who bought shares and savings have the right to vote) , venue of election and others;
- Discuss the need to select good and effective EC members and leaders and the qualities to look for; and
  - Follow-up on implementation of their initial plan of action and to motivate as many people as possible to participate actively.

## **2. Formulate Village/WMG Action Plan (VAP)**

Prior to the VAP activity, development options and proposed interventions at the polder level will be discussed and agreed on among the team members of Components 1-4 including cross-cutting issues. The extent and how this polder development options and proposed interventions can be adopted at the village level will also be determined by the Blue Gold team.

Formulation of the VAP is the follow-up activity after the Needs Assessment process. Once the initial action plan of the WMG has been set in motion, a more detailed process of plan formulation will be initiated. This will involve the formulation of specific action plans at the village level to address the priority needs and problems identified during needs assessment (e.g. WMO strengthening plan, FFS plan, Business development plan, Gender action plan, SEMP, etc.). At this stage, the existing WMG/WMCS may decide to undertake specific enterprise development activities or IGAs using their existing funds; other common interest groups (CIGs) in the village may decide to undertake other economic or business enterprises independently or under the umbrella of the WMG/WMCS. The feasibility and profitability of identified business enterprises will be carefully analyzed with the WMG members.

## **3. Strengthen Coordination with the Union Parishads**

Union Parishad Program Orientation Meetings are now in the process of being organized by the ZSEs together with the BWDB local XEN in coordination with the UP Chairmen.

### Objectives:

- a. To familiarize UP Chairman and members including Union Parishad staff of various government ministries/agencies, local elites and NGOs about Blue Gold Program objectives and components and their role; and
- b. To establish coordination with the UP Chairman, members and staff from the different government agencies including with NGOs and other CBOs to get their cooperation during the implementation of Blue Gold.

### Participants:

- a. UP Chairman and members;
- b. UP Staff from different government agencies;
- c. Local elites; and
- d. Representatives from NGOs/CBOs in the area

#### **4. WMO Institutional Structure for Water Management and O&M**

Assessment of the status of O&M in 4 IPSWAM polders surfaced the following important issues, some of which have been mentioned earlier in this report:

- a. There is disparity in the level of participation of WMGs in the O&M of FCD/I structures and facilities. WMGs that are located far away from the khals, sluices or embankment did not contribute nor perform O&M works as much as other WMGs;
- b. In several FGDs with WMGs, respondents opined that their WMA have not in any way supported them in their water management concerns and other undertakings. They added that the WMAs in general, lacked supervision and coordination of O&M activities;
- c. Interference of influential and rich people as well as other interest groups in the O&M of FCD/I structures worsened water management situation in the polders; and
- d. As mentioned earlier, the overall functioning of FCD/I structures and facilities after IPSWAM project was not at the best possible level because some works were not fully completed due to fund constraints. Exacerbating this condition is the absence of periodic and emergency maintenance on the part of BWDB as stipulated in the O&M agreement with the WMAs after completion of FCD/I system.
- e. Routine maintenance being done by the WMOs used mainly manual labor and no O&M funds were created. However, efficient implementation of routine O&M works and maintenance of the sluices and other structures requires materials and some cash. These were provided if and when required.
- f. Block Committees and Gatekeepers have been formed and appointed respectively for each catchment basin or sluice gate to be responsible for O&M. However, these did not perform well. There was also weak guidance and supervision by the members of the WMA Executive Committee that can be attributed to lack of regular O&M budget. Moreover, the Gatekeepers do not get any fixed or regular honoraria/allowance to motivate them to perform seriously.

In order to bring about better planning and implementation of O&M of existing FCD/I structures and facilities as well as address water management concerns and issues more efficiently and effectively, the following are proposed:

a. O&M planning at the WMA Level. Table 7 shows the suggested content of the O&M Plan.

**Table 7. Proposed Content of WMA O&M Plan**

<b>Structures</b>	<b>Routine Works</b>	<b>Who will do what? (indicate if Female, Male and/or Mixed)</b>	<b>Resources Needed</b>	<b>Schedule/Frequency (Daily/Weekly/Monthly)</b>	<b>Fund Sources (Labor; In-kind; Cash) From members and non-members</b>
<b>Embankment</b>					
<b>Sluices, Inlets and Outlets</b>					
<b>Khal</b>					

The importance of creating O&M funds to support routine O&M works and repairs caused by natural calamities and payment of O&M staff (salary of Gatekeepers and transport or food allowance for committee members when doing mobilization activities) can be discussed with the WMA and WMG ECs. Collecting contribution from all users (members and non-members) on a yearly or monthly basis (Ex. 5 or 10tk/bigha/monthly) may be considered as one source of fund.

b. Reform existing Block Committees through the formation of Water Management Committee (WMC) at each Catchment Basin/Sluice Structure

The WMC will be the implementing arm of the WMA on O&M. The members of each WMC will oversee O&M plan implementation on the structures, khals and other infrastructure under their jurisdiction. The following are proposed:

**b.1 WMC Composition**

- 2-4 representatives depending on size and number of households
- Should get representatives from highland and lowland areas depending on water flow
- At least 30% of representatives should be female

**b.2 Steps in WMC Formation**

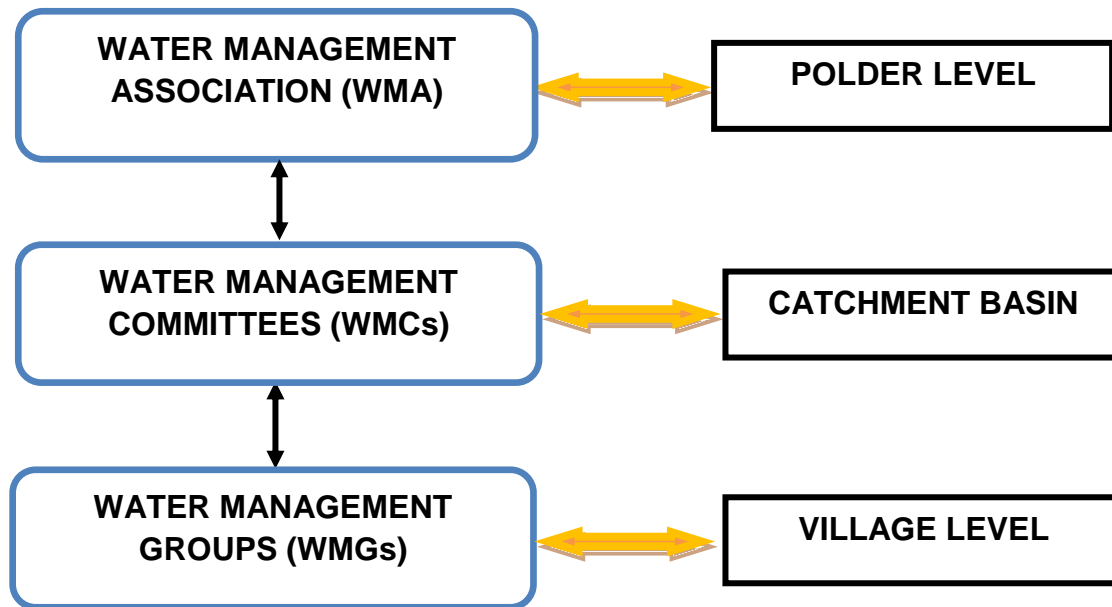
- Identify WMGs covered by each catchment basin/sluice structure
- Initiate WMA general members' meeting to discuss the following: i) the duties and responsibilities of WMC; ii) composition of WMC; iii) qualifications for WMC membership; and iv) steps in WMC formation.
- Conduct WMG general members' meeting to select their representatives to the WMC
- Organize first meeting of all WMCs in the presence of WMA Executive Committee



### b.3 Qualifications for WMC Membership

- Should be a WMG member
- Have the interest
- Have the time
- Are physically fit

Figure 1: Proposed Institutional Structure for O&M



- c. Strengthening BWDB's role in O&M of rehabilitated/existing FCD/I structures (i.e., initiating regular preventive maintenance/major repair works and providing O&M technical support to WMOs) should be pursued.

## 5. Other Recommendations

- a. Memorandum of Understanding (MoU) should be forged between BWDB and DoC as soon as possible to enhance cooperation that is needed to facilitate registration, audit and capacity building of the existing and new WMGs/WMCs. Thereafter, progress and status of MoU implementation should be discussed during Project Management Committee (PMC) meetings in Dhaka and Zonal Coordination meeting (proposed to be instituted) to be attended by zonal/district or Upazila representatives from BWDB, DoC, DAE, Livestock and Fisheries.
- b. Blue Gold with support from EKN should strongly pursue with BWDB to hand-over or make possible for WMOs to lease unused water bodies/borrow pits and/or acquired lands in the polder area for demonstration and enterprise development activities (South West project is successful in this effort through strong support of ADB)

- c. Instead of constructing WMA offices cum training centers, 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 records, books of accounts, and by-laws and other important documents and to post important bulletins/announcements. This was surfaced during FGDs with several WMG Executive member-respondents. The counterpart contribution from WMG for this office building should be the land/building site. South West project through BWDB has constructed WMG offices which have proven to be useful and effective venue for meetings, savings and shares collection.
- 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 is planning to start conducting these in December 2013 in each zone.
- e. Strengthen coordination/linkage with BRAC WASH and Max Foundation to help address water supply and sanitation issues in the polder areas.
- f. Organize study tour for Blue Gold WMGs/producers/common interest groups and experience sharing visits to successful cooperatives, producer groups, business enterprises (government, private, other projects).
- g. Implement innovative programs/activities such as pilot implementation of new strategies/approaches in helping WMOs implement successful cooperative projects/business enterprises. One example is to set-up pilot sites to demonstrate the steps and processes for developing WMGs' capacity and resources in performing socio-economic functions integrating these with their water management functions. 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 equipment 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?

### 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 has 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 work 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	Category			Overall Rating
		A	B	C	
<b>A.</b>	<b>ORGANIZATIONAL MANAGEMENT</b>				
<b>1.</b>	<b>Water Management Group (WMG)</b>				
a.	WMG <b>Executive Committee members</b> were elected/selected by the general members of the village <b>Code:</b> 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 <b>Chairperson</b> was elected/selected by the general members of the village <b>Code:</b> 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 <b>Vice-Chairperson</b> was elected/selected by the general members of the village <b>Code:</b> 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 <b>Secretary</b> was elected/selected by the general members of the village <b>Code:</b> 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 <b>Joint Secretary</b> was elected/selected by the general members of the village <b>Code:</b> 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 <b>Treasurer</b> was elected/selected by the general members of the village <b>Code:</b> 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 <b>female members (FM)</b> selected or elected in the WMG Executive Committee <b>Code:</b> 4 FM including any 2 from Chairperson, Vice-				

Sl. No.	KEY PARAMETERS & INDICATORS	Category			Overall Rating
		A	B	C	
	Chairperson, Secretary, Joint Secretary and Treasurer = A, 4FM = B, 3 FM or less = C				
h.	WMG regularly conducted <b>Annual General Meetings</b> during last 2 years <b>Code:</b> 2 meetings = A; only 1 meeting = B; No meeting = C				
i.	WMG general members attended in the <b>Annual General Meeting</b> last year <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
j.	Majority of the WMG general members participated actively in the <b>Annual General Meeting</b> for key planning and decision making process last year <b>Code:</b> more than 50% = A; less than 50%= B, only few= C				
k.	Average attendance of <b>female members</b> in WMG Annual General Meeting last year <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
l.	Majority of the <b>female members</b> in attendance participated actively in the WMG Annual General Meeting in key planning and decision making process last year <b>Code:</b> More than 50% = A; less than 50%= B, only few= C				
m.	WMG regularly conducted <b>Monthly Executive Committee (EC) Meetings</b> last year <b>Code:</b> More than 9 meetings = A; less than 9 = B; less than 6 = C				
n.	WMG EC members attended in the <b>Monthly Executive Committee (EC) Meetings</b> last year <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
o.	Majority of the EC members participated actively in the <b>Monthly Executive Committee (EC) Meetings</b> for key planning and decision making process last year <b>Code:</b> More than 50% = A; less than 50%= B, only few= C				
p.	Average attendance of <b>female members</b> in WMG EC Monthly meetings last year <b>Code:</b> more than 70% = A; 50%= B, less than 50%= C				
q.	Majority of the <b>female members</b> in attendance participated actively in the WMG EC monthly Meeting in key planning and decision making process last year <b>Code:</b> More than 50% = A; less than 50%= B, only few= C				

Sl. No.	KEY PARAMETERS & INDICATORS	Category			Overall Rating
		A	B	C	
r.	Minutes of WMG Annual General Meetings are kept <b>Code:</b> 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 <b>Code:</b> Minutes of all meetings = A; only 60% of meetings held = B; Only few or no minutes= C				
t.	WMG Executive Committee members are satisfied with the performance of the WMA Executive Committee members <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
u.	WMG Executive Committee members are satisfied with the cooperative activities of the WMG <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
v.	The general members are satisfied with the cooperative activities of the WMG <b>Code:</b> 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 <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
x.	Income Generating Joint Activities of the WMG <b>Code:</b> 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 <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
z.	Suggestions to strengthen the WMG: i. ii. iii.				
<b>2.</b>	<b>WATER MANAGEMENT ASSOCIATION (WMA)</b>				
a.	WMA <b>Executive Committee members</b> were elected/selected by the WMG representative members (WMA general members) <b>Code:</b> Unanimous/ Elected/selected by more than 50% = A;				

Sl. No.	KEY PARAMETERS & INDICATORS	Category			Overall Rating
		A	B	C	
	selected by less than 50% = B; no election/selection done, members appointed or designated by influential people = C				
b.	WMA <b>Chairperson</b> was elected/selected by the WMG representative members <b>Code:</b> 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 <b>Vice-Chairperson</b> was elected/selected by the WMG representative members <b>Code:</b> 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 <b>Secretary</b> was elected/selected by the WMG representative members <b>Code:</b> 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.	WMA <b>Joint Secretary</b> was elected/selected by the WMG representative members <b>Code:</b> 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 <b>Treasurer</b> was elected/selected by the WMG representative members <b>Code:</b> 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 <b>female members</b> selected or elected in the WMA Executive Committee <b>Code:</b> 4 FM including any 2 from Pres, Vice-Pres, Sec and Treasurer = A, 4FM = B, 3 FM or less = C				
h.	WMA regularly conducts <b>Executive Committee Meetings</b> (monthly/bi-monthly) last year <b>Code:</b> 5-9 meetings = A; 4-8 meetings = B; less than 3 or No meeting = C				
i.	WMA EC members attended in the <b>Executive Committee Meetings</b> (monthly/bi-monthly) last year <b>Code:</b> more than 70% = A; 50%= B, less than 50%= C				



Sl. No.	KEY PARAMETERS & INDICATORS	Category			Overall Rating
		A	B	C	
j.	WMA <b>female</b> EC members attended in <b>Executive Committee Meetings</b> (monthly/bi-monthly) last year <b>Code:</b> more than 70% = A; 50%= B, less than 50%= C				
k.	Majority of the EC members participated actively in the <b>Executive Committee Meetings</b> for key planning and decision making process last year <b>Code:</b> More than 50% = A; less than 50%= B, only few= A				
l.	<b>Female</b> EC members participated actively in the <b>Executive Committee Meetings</b> for key planning and decision making process last year <b>Code:</b> More than 50% = A; less than 50%= B, only few= C				
m.	WMA regularly conducted <b>Annual General Meetings (AGMs)</b> during last 2 years <b>Code:</b> 2 meetings = A; only 1 meeting = B; No meeting = C				
n.	WMA general male members attended in the <b>AGMs</b> last year <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
o.	WMA general female members attended in the <b>AGMs</b> last year <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
p.	Majority of the general members participated actively in the <b>AGMs</b> for key planning and decision making process last year <b>Code:</b> More than 50% = A; less than 50%= B, only few= C				
q.	Majority of the <b>female members</b> in attendance participated actively in the <b>AGMs</b> in key planning and decision making process during last one year <b>Code:</b> 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 <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
s.	Minutes of WMA Executive Committee Meetings (monthly/bi-monthly) are kept <b>Code:</b> 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 <b>Code:</b> Minutes of all meetings = A; 60% of meetings = B; less than 50% or no minutes=C				

Sl. No.	KEY PARAMETERS & INDICATORS	Category			Overall Rating
		A	B	C	
u.	WMA general members are satisfied with the performance of the Executive Committee members <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
v.	WMA settles conflict/s between WMGs <b>Code:</b> Always = A; Occasionally = B, Not at all = C				
w.	WMA Office is well maintained <b>Code:</b> Regularly maintained = A; Occasionally maintained = B; Not maintained = C				
x.	Suggestions to strengthen the WMA: i. ii. iii.				
<b>B.</b>	<b>WMG Cooperative Aspect</b>				
1.	Percent of total HHs represented as Registered Members in the Cooperative <b>Code:</b> More than 50% HHs = A; about 50% = B, Less than 30% = C				
2.	Percentage of registered members are female (RFM) <b>Code:</b> More than 50% = A, about 50 % = B %; Less than 30% = C				
3.	WMG passes satisfactorily annual audit of Department of Cooperatives (DoC) <b>Code:</b> Yes, yearly= A; given warning = B; Registration suspended/cancelled = C				
4.	WMG timely maintains its books of accounts and records. <b>Code:</b> 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				
6.	WMG is engaging in cooperative activities e.g shares and savings, microfinance, IGAs. <b>Code:</b> IGAs and shares & savings and loans= A; Only savings and loans= B; Only shares and savings= C				

Sl. No.	KEY PARAMETERS & INDICATORS	Category			Overall Rating
		A	B	C	
7.	Timely repayment of loan by female members <b>Code:</b> 100% = A; 80%= B; Less than 80%= C				
8.	Timely repayment of loan by male members <b>Code:</b> 100% = A; 80%= B; Less than 80%= C				
Overall Rating on Cooperative Aspects					
<b>C.</b>	<b>Management of O&amp;M based on O&amp;M Agreement with BWDB</b>				
1.	WMA operates and maintains the sluice gates following the O&M agreement <b>Code:</b> All gates = A; 60% = B; less than 60% gates = C				
2.	Routine maintenance is carried out on embankment by WMA <b>Code:</b> Maintains where and when required= A; Maintains only sometimes= B; Does not maintain= C				
3.	Cleaning of water hyacinth & obstacles carried out in canals by WMA <b>Code:</b> All canals (primary, secondary & tertiary) = A, Some canals (primary & secondary)= B; Only tertiary canals or not all= C				
4.	WMA operates and maintains the infrastructures <b>Code:</b> Does regularly = A; Does sometimes= B; Does not do= C				
5.	WMA general male members participate in O&M activities <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
6.	WMA general female members participate in O&M activities <b>Code:</b> More than 70% = A; 50%= B, less than 50%= C				
7.	WMA has sufficient resources/funds for routine O&M works <b>Code:</b> Sufficient = A; barely enough funds = B; insufficient or none = C				
8.	WMA has sufficient resources/funds for routine O&M works <b>Code:</b> Sufficient = A; barely enough funds = B; insufficient or none = C				

Sl. No.	KEY PARAMETERS & INDICATORS	Category			Overall Rating
		A	B	C	
9.	WMA has sufficient resources/ funds for major maintenance works caused by natural disasters <b>Code:</b> Sufficient = A; barely enough funds = B; insufficient or none = C				
10.	WMG has sufficient resources/ funds for major maintenance works caused by natural disasters <b>Code:</b> Sufficient = A; barely enough funds = B; insufficient or none = C				
<b>D.</b>	<b>Conflict Management</b>				
1.	Factions in the village/WMG over water management issues <b>Code:</b> 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 <b>Code:</b> 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 <b>Code:</b> 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 RESULTS

Bangladesh Water Development Board

BLUE GOLD PROGRAM

Name of Zone: Khulna

Polder No: 22

SI No.	Name of WMA & WMG	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
A	HABORKHALI MADURPALTA, VADRA (H.M.V.) WMA WMA	4	-	-	-	3	-	4	-	-	4	-	-	15	<b>Cat A.</b> HMV WMA is still active in conducting meetings, properly keeping minutes and resolutions, and its records are updated. There is good attendance and participation in planning and decision making (male and female) during EC and general members' meetings of the WMA. Planning and implementation of O&M for the sluices and khals is fair but for the embankment, rating is good. O&M contributions (cash and materials) are collected only when needed. The WMA office is no longer used and is in bad condition. WMA stopped using the office because the ceiling is about to fall and thus need major repair. It should be noted that this is an old building constructed by BWDB and repairs were done during the IPSWAM project.
1	Gopi Pagla WMG	-	3	-	-	3	-	4	-	-	4	-	-	14	<b>Cat A:</b> Women representation in EC is good; Vice Chairman and joint secretary are women. EC meetings are held but less in number. Attendance and participation in the meetings is fair. It may be rated fair in maintaining records and minutes of meetings. AGM was last held on 30/06/2012. Attendance in the AGM was good, though the participation was fair. The WMG is good in conflict management. HH representation in the Cooperative is good; women membership is more than 70% in the cooperative. The registration of the WMG is still valid. At the moment, audit of 2011-2012 is in the process. Amount of shares and savings is quite high (more than Tk. 1 lakh). Loan is distributed among members The loan repayment rate is good. O&M of sluice gate is good, while maintenance of embankment is good and that of khal is fair. Participation of men in O&M is good, while that of women is fair.
2	Durgapur WMG	-	3	-	-	3	-	4	-	-	4	-	-	14	<b>Cat A:</b> Number of EC meetings held is fair; attendance and participation in the EC meetings are also fair. Attendance of women in meetings is good but their participation is fair. Minutes

															keeping is fair. AGM was last held on 30/08/2010. Attendance and participation in the AGM, including that of women, were fair, and minutes' keeping was fair. Representation in the Cooperative is good in general but that of women is fair. Audit of FY 2011-2012 is in the process at the moment, registration status is active. Record keeping is fair. Amount of shares and savings is quite high (2 lakh +), and the money in microcredit. And the loan recovery is good. O&M of sluice gate is fairly done. Maintenance of embankment is good, and that of khal is fair. Participation of men in O&M is good, but that of women is poor. O&M is carried out with enough contributions from members.
3	Hatbati WMG	-	3	-	-	3	-	-	3	-	4	-	-	13	<b>Cat B.</b> EC meetings are not held regularly. However, attendance and participation in the meetings of both men and women are fair. The WMG does fair in maintaining records and minutes of meetings. The AGM was last held on 24/06/2012 but attendance and participation was poor. Representation in the Cooperative, of both men and women, is good. Audit was done on 09/11/2011 and the registration is still valid. Shares and savings are quite high; cash in hand is big. Previously loans were distributed and all have been fully paid; there is no loan now. O&M of sluice gate is fair, while maintenance of embankment is good and that of khal is fair. O&M is done with contribution from members.
4	Darunmollick WMG	-	3	-	-	3	-	-	3	-	4	-	-	13	<b>Cat B.</b> EC meetings are held but not so regularly. Attendance and participation in EC meetings are fair; female members' attendance is good and their participation is fair. Keeping minutes of meetings is fair. AGM was last held on 25/7/2012 but attendance and participation of both men and women in the AGM were poor. Keeping minutes of the AGM is fair. Representation in Cooperative of both men and women is good. Audit was last done on 30/08/2012, and registration status is active. Loans are distributed among members and repayment is good, but it has no other IGA. Record keeping is fair. Members' shares and savings are high but the money is kept in hand for loans to members. O&M of sluice gate is fair, while maintenance of embankment and khal is good. Men's participation in O&M is good while that of women is fair. O&M is done with contributions from members.
5	Noai WMG	-	3	-	-	3	-	-	3	-	4	-	-	13	<b>Cat B.</b> EC meetings are held though not so regularly. Attendance and participation in the meetings are fair. Keeping minutes of meetings is fair. AGM was last held on 12/06/2012. Attendance and participation of both men and women in the AGM were fair. Keeping minutes of AGM is fair. Representation in the Cooperative

														is good in general but women's representation is fair. Its registration status is active. Audit is under process for FY 2011-2012. Loans are distributed among members and recovery of loans is good. It has no other IGA. Record keeping is fair. Amount of shares and savings is high but it is kept in hand for distribution of loans. O&M of sluice gate is fairly done. Maintenance of embankment is fair, and that of khal is good. Participation of men in O&M is good, and that of women is fair. O&M is done with contributions from members.	
6	Shener Ber WMG	-	-	2	-	3	-	-	3	-	4	-	-	12	<b>Cat B.</b> EC meetings are not done regularly, and attendance and participation in meetings are poor. AGM has not been held for quite some time. Representation of both men and women in the Cooperative is good. Audit was done 2012 and its registration is still valid. Its record keeping is fair. Amount of shares and savings of the WMG is quite high, and cash in hand is big. It has distributed loans and loan repayment is good. But it has no IGA plan. O&M of sluice gate is fair, maintenance of embankment is fair, and that of khal is fair. Participation of men in O&M is good, that of women is fair. O&M still done with contributions from members.
7	Sayadkhali WMG	-	-	2	-	3	-	-	3	-	4	-	-	12	<b>Cat B.</b> EC meetings are not held regularly. Attendance and participation of both male and female EC members are poor. However, minutes of meetings are kept reasonably well. The WMG is poor with respect to holding AGM. Attendance and participation in the AGM are also poor, and it is poor in preserving minutes of AGM. Representation in Cooperative in general is good but that of women is fair. Audit is now under process, and registration status is active. There is little amount of shares and savings, which is kept in hand. There is no loan distribution among members. And O&M of sluice gate is fair, maintenance of embankment is fair but khal is maintained well. Participation of both men and women in O&M is fair.
8	Bigardana WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C:</b> EC meetings are not held regularly, records and minutes have not been maintained since the former secretary died; the new secretary was elected in 2010. Women are in 2 key positions of the EC: co-chairman and joint secretary. AGM was last held in 2008. HH representation in the Cooperative is good, including that of women. Audit was last done in 2011-2012. Record keeping is poor. Its shares and savings are quite high, and cash in hand is big but has no loan activities. It is good in conflict management. It still performs O&M functions: maintenance of sluice gate is fair, of embankment is good, and that of khal is fair. Participation of men





Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															and cashier. EC meetings are held; last year 7-8 meetings were conducted. Attendance in the EC meeting was good but the participation is weak; women's attendance was while their participation was poor. Annual General Meeting (AGM) was last held on 30/06/2012 but attendance and participation were poor. Minute-keeping is good. It is good in conflict management. Household (HH) representation in the Cooperative is good; women representation too is good. Audit was completed on 17/09/2012. Amount of shares and savings are high. Cooperative is active with loan distribution and loan repayment is good. Plans implementation is good. But it has no Income Generating Activity (IGA). Operation and Maintenance (O&M) of sluice gate is poor, maintenance of embankment fair, and maintenance of khal is poor. Participation of men in O&M is good, and that of women is poor. Overall, O&M is fair. Conflict: Good.
2	Fultala WMG	4	-	-	-	3	-	-	3	-	4	-	-	14	<b>Cat A.</b> EC members, including office bearers, were all elected by more than 50%. Two of the office bearers are women - vice-chairman and joint secretary. EC meetings are not held regularly now but before they were regularly held. AGM was last held on 5/1/2012. Attendance in the AGM was good, and participation was fair. Keeping of minutes/resolutions was good; It is good in conflict management – conflict between highland and lowland villagers. HH representation as well as women representation in the Cooperative is good. Audit was last done on 3/2/2013. Book keeping is fair, Amounts of shares and savings are quite high, all money is at bank. The WMG has built its own office with cooperative money. O&M of sluice gate is poor, maintenance of embankment is fair, and khal cleaning is good. Participation of both men and women is fair. O&M is done with voluntary contributions of its members.
3	Hatbati (Dokkhin) WMG	-	3	-	-	3	-	-	3	-	4	-	-	13	<b>Cat B.</b> Monthly EC meetings are done regularly. Attendance in the meetings is also good, though

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															women participation is fair. It is fair in keeping minutes of the meetings/resolutions is fair. However, it is weak in planning as well as in implementation of decisions. The AGM was last held on 21/10/2011. Attendance and participation, including those of women, were poor. It has been good in conflict management. HH representation in Cooperative has been good; so also women representation in it. Amount of shares and savings is quite low, which is in bank. It has no loan activities. Audit was done on 12/12/12. O&M of sluice gate is poor. Maintenance of embankment is fair, and khal cleaning is weak. Participation of men in O&M is fair while women participation is poor. The O&M is done through voluntary contributions of members.
4	Chalk Shoimari WMG	-	3	-	-	3	-	-	3	-	-	3	-	12	<b>Cat B.</b> EC meetings are held regularly. Attendance and participation in those meetings are good in general. But women's attendance and participation are weak. While the EC is weak in keeping minutes, its resolutions are good. It had its last AGM on 15/05/2012. But attendance in the AGM was weak. Conflict management is fair. HH representation in the Cooperative is only about 30%, women members' is 33%. Audit was completed on 21/11/2012 and registration is maintained. Book keeping is good. It collects shares and savings, but has no loan distribution or any joint IGA. It is fair in O&M activities. Embankment maintenance is done especially during rainy season. Participation of women in maintenance work is weak but that of men is good. The community contributes for O&M as and when needed.
5	Khalshibunia WMG	-	3	-	-	-	2	-	3	-	4	-	-	12	<b>Cat B.</b> EC Monthly meetings are not held regularly; in the previous year it was better. Attendance and participation of both men and women are good; it is also good in planning and resolution. During last 3 months, however, record keeping has been poor. Minutes of meetings are kept well. Plan implementation is fair. But there was no AGM held. It is good in conflict management. HH representation in

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															Cooperative is good but only fair in case of women. Though poor in record keeping, audit was done successfully on 24/09/2012 (some said they paid 'tips'). Deposit of shares and savings is fair. Loans are distributed among both men and women, and loan repayment is good. It is good in O&M activities. Embankment maintenance is done especially during rainy season. Participation of women in structure maintenance work is weak but that of men is good. There is no O&M fund as such but the community contributes for O&M equally, mainly with labour and materials, as and when needed.
6	Baguladanga -Patharighata WMG	-	3	-	-	3	-	-	-	2	4	-	-	12	<b>Cat B.</b> EC members were selected/elected by more than 50%. There are 4 female EC members, including vice-chairman and joint secretary. EC is not so active now. Monthly EC meetings are not held regularly. Attendance and participation of women were good. It is fair in planning and implementation of plans. But there is no joint IGA. It is good in conflict management. The AGM was last held on 5/6/2012. There the attendance and participation of women were good.HH representation as well as women representation in the Cooperative is fair. However, bookkeeping during last 3 months has been poor. Deposit of shares and savings is fair but there is no loan distribution. There is a lot of cash in hand. Maintenance of embankment is fairly done, and participation in O&M is poor.
7	Basurabad WMG	-	3	-	-	-	2	-	3	-	4	-	-	12	<b>Cat B.</b> EC members, including office bearers, were elected by more than 50%. Two of the office bearers are women - vice-chairman and joint secretary. EC meetings are done though not so regularly. Participation and attendance in the meeting is generally good; women attendance is good but their participation is fair. Record keeping, including minutes, is fair. AGM was last held on 25/01/2013. Participation and attendance in AGM was good in general, but, while attendance of women was good, their participation in it was fair. It is good in conflict

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															management.HH representation in the Cooperative is good but women representation is fair. Record keeping fair. Audit was done last on 10/09/2012. Savings is high but cash in hand too is high. Loan is distributed among members, and loan repayment is fair. O&M of sluice gate is fair, maintenance of embankment is good, and khal cleaning is fair. Participation of men in O&M is good, and that of women is fair. O&M is done with voluntary contributions.
8	Hogla Bunia (Uttor & Maddhya) WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat B.</b> EC members were selected/elected by more than 50%. There are 4 female EC members, including vice chairman and joint secretary. EC meetings are not held regularly; there was no EC meeting last year. Participation and attendance in the meetings were poor. Only one AGM was held in 2006 and attendance in that AGM was weak. It is good in conflict management. HH representation in the Cooperative is poor; representation of women is less than 30%. Registration has been cancelled. It is poor in record keeping. Shares and savings were collected but had no IGAs or loan distribution. It is good in O&M activities. Embankment maintenance is done especially during rainy season. Participation of women in structure maintenance work is weak but in khal cleaning, it is good. The community contributes mainly labour and materials, for O&M as and when needed.
9	Hoglabunia Dakkhin WMG	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat B.</b> EC members were selected/elected by more than 50%. There are 4 female EC members, including vice chairman and joint secretary. Monthly EC meetings are not held regularly; last year there was none. Attendance and participation of both men and women are poor. However, resolution is fair. There were no AGMs previous 2 years. It is good in conflict management.As Cooperative it is poor. Registration has been cancelled. It is poor in record keeping and collective activities. There is no joint IGA.It is good in O&M activities. Embankment maintenance is done especially during rainy season. Participation of women

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															in structure maintenance work is weak but in khal cleaning, it is good. There is no O&M fund as such but the community contributes for O&M equally, mainly with labour and materials, as and when needed.
10	Hatbati (Uttor)WMG	-	3	-	-	-	2	-	3	-	-	3	-	11	<b>Cat B.</b> EC meetings are held quite regularly; last year 9 meetings were held. Attendance and participation in planning and decision making were fair; but attendance of women in the meeting was good. Record keeping and meeting minutes have been good. However, it has not been holding AGMs. It is fair with respect to conflict management.HH representation in Cooperative is Fair, whereas there is poor women representation in it. Savings and shares deposits are fairly good and most of it is in bank, but it lacks transparency vis-à-vis its members and there is no loan distribution. Audit was done just recently (on 02/10/2013). Some O&M is being done with voluntary contribution: O&M of sluice gate is poor; maintenance of embankment is fair, and khal cleaning is weak. Participation of both men and women in O&M is poor.
11	Hetalbunia WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C.</b> EC members, including office bearers, were elected by more than 50%. Two of the office bearers are women - vice-chairman and joint secretary. EC meetings are held but not so regularly. Attendance and participation in the meetings are fair. Also keeping minutes/ resolutions is fair. But AGM was not held for long time. It is good in conflict management. HH representation in Cooperative is poor but women representation in it is good. Audit was last done on 13/11/2011. Book keeping is poor though existing not updated. Savings is fairly high; but no cooperative activities now, except loan distribution among its members. O&M of sluice gate is poor, maintenance of embankment is fair, and khal cleaning is weak. Participation of men and women in O&M activities is poor. The members contribute voluntarily for O&M.
12	Moshiardanga WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C.</b> EC includes two female office-bearers, namely

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															<p>vice-chairman and joint secretary. EC meetings are not held regularly. AGM is also not held regularly. Previously when meetings were held, women attendance was fair. Some meeting minutes are there but poorly done. HH representation as well as women representation is poor. Audit was last done on 18/10/2011, and registration is still active. Record keeping is poor, in fact, stopped. Deposit of shares and savings is irregular; the amount of shares and savings is quite high, but there are no loan activities. O&amp;M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is poor. Participation of men in O&amp;M is fair, and that of women is poor. It is good in conflict management.</p>
13	Par Butiaghata –Baruiabad WMG	-	-	2	-	3	-	-	-	2	-	3	-	10	<p><b>Cat C.</b>For the last 2 years almost all activities are closed. Monthly EC meetings have not been held. The AGM was last held on 23/07/2009. However, the audit was done on 27/02/2012. It is fair with respect to conflict management.HH representation in the Cooperative is poor, so also in women representation. Whatever shares and savings were collected, it is all in hand. Record keeping is not done properly. There is no loan activities. O&amp;M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is weak. Participation of men in O&amp;M is fair, and that of women is poor. The community contribute voluntarily for O&amp;M.</p>
14	Mativanga –Bhennabunia WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	<p><b>Cat C.</b>EC meetings have not been done for long time now. AGM was not done either. It is fair in conflict management.HH representation in the Cooperative is poor; women representation too is poor. Audit was done last on 22/01/2012. Amount of shares is higher than savings; all money is in bank. However, no loan transaction is made. Record/books not maintained properly, and there are no cooperative activities now. O&amp;M of sluice gate is poor, maintenance of embankment is fair, and khal cleaning is weak. Participation of both men and women is fair, and all</p>

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															O&M activities were done on the basis of voluntary contributions.
15	Malimara WMG	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C.</b> EC meetings are not done regularly. AGM was last held on 30/06/2009. It is good in conflict management.HH representation as well as women representation in the Cooperative is poor. Records have been kept until 2009. Audit was last done 2011. Registration has been cancelled. However, the status of shares and savings is ok. But again deposit in bank is low, much cash is in hand. O&M of sluice gate is poor, maintenance of embankment is fair, and khal cleaning is poor. Participation of men in O&M is fair, and that of women is poor. O&M is done through voluntary contributions of its members.
16	Bejeapti Debitala WMG	-	-	2	-	3	-	-	-	2	-	3	-	10	<b>Cat C.</b> EC meetings were not held and most activities of the WMG stopped, including depositing of shares and savings, record keeping and minutes since 2009. AGM was last held on 07/08/2006. However, it is good in conflict management.HH representation in the Cooperative was poor and women representation was 40%. But there is no document of the WMG. No audit has been done, and registration has been cancelled. The WMG has been involved in O&M. Maintenance of khal is poor but infrastructure maintenance is good. Participation of men in O&M is good, and that of women is poor. O&M was done with voluntary contributions of people.
17	Andharia- Khejurtala WMG	-	-	2	-	3	-	-	-	2	-	3	-	10	<b>Cat C.</b> EC members, including office bearers, were all elected by more than 50%. There are 5 women in the EC, including the joint secretary. EC still holds meetings sometimes. But AGM was not held after the last one that was held on 05/03/2009. Audit was last done on 14/02/2011. Registration is still active. It is good in conflict management. HH representation in Cooperative is good and women representation is fair. Amount of shares and savings is high, it is kept in bank. But there are no loan activities and no collective

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															activities. O&M of infrastructure is fair but maintenance of khal is poor. Participation of men in O&M fair and women participation in it is poor.
18	Katianangla WMG	-	-	2	-	3	-	-	-	2	-	3	-	10	<b>Cat C.</b> EC members, including office bearers, were all elected by more than 50%. There are 4 women in the EC, including the joint secretary and cashier. EC meetings are not done regularly; last year only 4-5 meetings were held. Attendance in meetings is good, and participation is fair. Women's attendance and participation in the EC meetings are fair. However, minutes/record keeping is poor. AGM has not been held for several years. Plan implementation of the WMG is poor. It is fair in conflict management.HH representation in the Cooperative is poor. Audit was last done on 18/04/2013. Collection of shares and savings has stopped though its savings in bank is quite high. There are no loan activities. O&M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is poor. Participation of both men and women in O&M is fair.
19	Kismat Fultala WMG	-	-	2	-	3	-	-	-	2	-	3	-	10	<b>Cat C.</b> EC meetings were poorly done during last few years - no meetings, no activities since 2009. AGM too has not been held. Record keeping was fair earlier. It is fair in conflict management.HH representation in the Cooperative is poor, so also women representation in it. Audit was last done in 2010, and registration has been cancelled. It had very low savings and shares. There is no cooperative activity now. Books/documents are not available. O&M of sluice gate is poor, maintenance of embankment is fair, and khal cleaning is weak. Participation of both men and women is poor. O&M is done through voluntary contributions.
20	Amtala- Kodaldaha WMG	-	-	2	-	3	-	-	-	2	-	3	-	10	<b>Cat C.</b> EC meetings are sometimes held and attendance in the meetings is fair. But it is poor in keeping records/minutes. It is poor with respect to holding of AGM – no AGM for several years, and



Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															attendance and participation was poor. It is good in conflict management.HH representation as well as women representation in the Cooperative is poor. Shares savings have stopped, and there are no loan activities; money is in bank. Audit was last done on 23/11/2011. O&M of sluice gate is poor. Maintenance of embankment is fair, while that of khal is good.
21	Barunpara WMG	-	-	2	-	3	-	-	-	2	-	3	-	10	<b>Cat C.</b> EC meetings are not done these days but previously attendance and women participation used to be fair. Some meeting minutes are there but of poor quality. AGM was last held on 2/06/2006. HH representation as well as women representation in the Cooperative is fair. Audit was last held on 13/03/2013, and registration status is active. Record keeping is poor, and shares and savings collection is also poor. There are no loan activities or IGA. O&M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is poor. Participation of both men and women in O&M is fair. It is fair in conflict management.
22	Batiaghata WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> EC members, including office bearers, were elected by more than 50%. Two of the office bearers are women - vice-chairman and joint secretary. EC meetings are not held now. At present no activities are being implemented. No AGM was held in the last 2 years. It is fair in conflict management.HH representation in general and women representation are both poor in the Cooperative. There are no activities of the Cooperative for 2 years. Audit was last done on 5/1/2010. Registration has cancelled. O&M of sluice gate is poor, maintenance of embankment is fair, and khal maintenance too is weak. Participation of men in O&M was good, and that of women was poor.
23	Ashukhali WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> There have been no EC meetings for last few years. No AGM was held either. However, it is good in conflict management.HH representation in Cooperative was good but women representation in it is only fair. During assessment, there was no on-going

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															collection of shares and savings. There was also no cooperative activity and no IGA. Audit was conducted last on 31/10/2011. But registration is still active It is poor in book keeping. O&M of sluice gate is poor, maintenance of embankment is fair, and khal cleaning is poor. Participation of men in O&M is fair, and that of women is poor. O&M is done through voluntary contributions of people.
24	Sukhdhara (purbo) WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> EC meetings are not held and all activities have stopped. AGM has not taken place for long time now. HH representation in the Cooperative is poor; women representation is also poor. Audit was last done in 2009, and the registration has been cancelled. Records/accounts are not transparent. There are no loan transactions. O&M: Poor, Conflict is fair.
25	Boyarbhanga (poschim) WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> EC meetings are not held now. AGM is not held since 2009; the last AGM was held on 25/01/2009. It is good in conflict management.HH representation as well as women representation in Cooperative is poor. But audit was completed in 2012. Audit report was good because they made negotiation with DoC. Record keeping is poor. Shares and savings are kept in bank. O&M of sluice gate is poor, maintenance of embankment is fair, and khal cleaning is poor. Participation of men in O&M is fair, and that of women is poor. O&M is done through voluntary contributions of people.
26	Boyarbhanga (Moddhya) WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> EC meetings have not been held regularly; last year only 4-5 meetings were held. Attendance in the meetings has been fair and participation in EC meetings was good, but women participation was fair. AGM has not been held for a few years now; The last AGM was held only on 10/03/2009. The WMG is fair in conflict management. HH representation in Cooperative has been fair, while women representation was good. Audit was last done

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															on 13/06/2012. Record keeping is fair, but no loan distribution. Shares and savings are collected, and the amount is quite high, which is all in bank. O&M of khal is weak, and infrastructure maintenance is good. Participation of men in O&M is good but that of women is poor. O&M is done through voluntary contributions.
27	Britti Shalua WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> EC members, including office bearers, were all elected by more than 50%. Two of the office bearers are women –joint secretary and cashier.EC meetings are not done, all activities have stopped. AGM is not done. The audit was done on 12/03/2013 but the report was not handed over to the WMG. Registration is still active. There are no loan activities, no IGA or any collective activities. It is fair in conflict management.HH representation in the Cooperative is fair but women representation in it is poor. There are no loan transactions. Amount of savings and shares are low, but all kept in the bank. O&M of infrastructure as well as maintenance of khal is poor. Participation of men in O&M is fair but that of women is poor.
28	Kathamari Gopalkhali WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> The EC includes 4 women, including two office bearers – the vice-chairman and the joint secretary. EC meetings are not done anymore. The AGM has not been held for many years. Previously when EC meetings were held, attendance in the meetings was good and meeting minutes were kept fairly well. HH representation in the Cooperative is poor. Audit was last done on 20/03/2012. Registration is still active. For 2 years now no record is being kept. Amount of shares and savings is not much. There is no loan activity. O&M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is poor.Participation of men in O&M is fair, and women's is poor. There exists conflict on water use. UP Chairman and a Member do fishing against the interest of farmers doing crop agriculture.

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
29	Balabunia WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<p><b>Cat C. Dormant.</b> There has been no EC meeting in several years now. AGM was also not held all this time. Last audit was done on 1/3/2010. Registration has been cancelled. It is fair in conflict management.HH representation as well as women representation in Cooperative is poor. It has no books/records. Shares and savings are quite low. O&amp;M of sluice gate is fair, but maintenance of embankment and khal is poor. Participation of men in O&amp;M is fair, and that of women is poor. O&amp;M is done through voluntary contributions of people.</p> <p>Recently conducted needs assessment and action plan formulation with the WMG EC and members in October 2013. Preparations for election of new EC and office bearers are underway.</p>
30	Boyarbhanga (Purbo) WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<p><b>Cat C. Dormant.</b>EC members, including office bearers, were elected by more than 50%. Two of the office bearers are women - joint secretary and treasurer. During last 2 years all activities stopped including EC meetings, shares and savings, record keeping. AGM was last held on 20/04/2009. It is fair in conflict management.HH representation as well as women representation in Cooperative is poor. No audit has been done during last few years. Registration was cancelled.O&amp;M is no longer performed by the WMG.</p>
31	Devitala WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<p><b>Cat C. Dormant.</b>EC members, including office bearers, were all elected by more than 50%. Two of the office bearers are women – vice-chairman and joint secretary.Since 2 years virtually all activities stopped, including EC meeting. AGM was not held. It is good in conflict management.HH representation and women representation both are poor in the Cooperative. There is no joint activity, no loan distribution. Records/book keeping is poor. However, audit was completed on 10/01/2013. It is poor in O&amp;M activities.</p>

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
32	Titukhali –Patikhali WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C Dormant.</b> EC meetings were not held in last year. All activities stopped, including cooperative activities. Records/book keeping is poor Minutes were kept well until 2009. AGM was last held on 01/08/2006. It is fair in conflict management. HH representation as well as women representation in the Cooperative is poor. Registration has been cancelled. O&M is Poor.
33	Charkhali Marchalia WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> Since last 2 years or so there are no activities, including EC meetings. AGM was last held on 20/05/2009. It is good in conflict management.HH representation in the Cooperative is but women representation in it is poor. Record keeping is poor. There has been little shares and savings. There were no IGA or loan activities. Audit was last done on 22/12/2011. Registration has been cancelled.O&M of infrastructure is poor.
34	Gangarampur WMG	-	-	2	-	-	2	-	-	2	-	3	-	9	<b>Cat C. Dormant.</b> EC meetings are not held. AGM too is not done. In the past meeting minutes were preserved well but record keeping is poor. It is fair in conflict management.HH representation as well as women representation in the Cooperative is poor. Audit was last done on 26/12/2011. There are no loan activities and no IGA. Amount of shares and savings is not much. O&M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is poor. One of the reasons of poor O&M is that the UP Chairman controls sluice operation and it is badly managed. Participation of men in O&M is fair and that of women is poor.
35	Parshalua WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	<b>Cat C. Dormant.</b> EC members, including office bearers, were all elected by more than 50%. Two of the office bearers are women – vice-chairman and joint secretary. There are no activities, including EC meetings and other cooperative activities since 2 years. AGM has not been held for several years. HH representation in Cooperative is poor, so also women

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															representation in it. Amount of shares and savings is not so high; most money is with people. There is no loan activity. Audit done 10/02/2013 but it was cancelled later on. Registration has been cancelled.O&M is poor, especially because of conflicts in the area with regard to water use. UP Chairman and influential people are controlling water use in the village against the interest of other people.
36	Dewatala WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	<b>Cat C. Dormant.</b> EC meetings are not conducted; even last year there was not EC meeting. Earlier when EC meetings were held, minutes were kept fairly well. AGM has not been held for several years now. It is poor in conflict management.HH representation as well as women representation in the Cooperative is poor. Audit was last done on 07/03/2013. Registration is o.k. Record keeping is poor; shares and savings have not been recorded properly. There are no loan activities; money (Tk. 17,000) is kept in bank. It has not IGA/cooperative activities. O&M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is poor. Participation of men in O&M is fair, and that of women is poor. UP chairman controls the sluice gate at Moshiardanga.
37	Kasiadanga WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	<b>Cat C. Dormant.</b> EC meetings are not done anymore. The AGM has not been held for many years. Previously when EC meetings were held, attendance in the meetings was good. Record keeping stopped when IPSWAM was closed. HH representation in the Cooperative is good but women representation is only fair. Audit was last done on 5/4/2012, and registration status is active. Deposit of shares and savings stopped, and there are no loan activities.O&M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is good. Participation of both men and women in O&M is poor. It is poor in conflict management. Influential people control sluice operation.

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
38	Britti Khalsibunia WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	<b>Cat C. Dormant.</b> EC members, including office bearers, were all elected by more than 50%. There are 5 women in the EC, including the joint secretary. EC meetings are not held for quite some time. All activities have stopped. It is poor in records/book keeping. AGM was last held on 30/06/2007. It is also poor in conflict management. HH representation in the Cooperative poor; women representation in it is also poor. Audit was last done on 14/03/2013 and the registration is active. Amount of shares and savings is low and there are no loan activities. Participation in O&M activities is poor.
39	Sukhdhara (paschim) WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	<b>Cat C. Dormant.</b> EC meetings are not held and all activities have stopped. AGM has not been held for long time. HH representation in the Cooperative is poor; also women representation is poor. Registration was cancelled though audit was completed in 2012. It is poor in records/book keeping. There are no loan activities. Participation in O&M is poor. There exists conflict on water use – saline water is brought in through Sukhdhara sluice. The police had to make intervention; UNO took some action but the conflict is not solved yet.
40	Kayemkhola Hula WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	<b>Cat C. Dormant.</b> EC meetings were not held last year. AGM was last held on 20/06/2009. Minutes/record keeping is poor. It is poor in conflict management. HH representation as well as women representation in the Cooperative is good. Audit was last done on 29/12/2012, and registration is active. Record keeping is not transparent. Amount of shares and savings is quite high; cash in hand is high. But shares and savings also stopped. O&M of sluice gate is poor. Maintenance of embankment fair, and that of khal is poor. Participation of men in O&M is fair, and that of women is poor.
41	Kayemkhola WMG	-	-	2	-	-	2	-	-	2	-	-	2	8	<b>Cat C. Dormant.</b> EC meetings are not held. AGM too is not done. Minutes/record keeping has been poor. HH representation in the Cooperative is poor; women

Sl. No.	Name of Water Management Association (WMA)& Water Management Group (WMG)	Org'l Mgt.			O&M			Cooperative			Conflict Mgt.			Total Marks	Average Rating and Remarks
		A	B	C	A	B	C	A	B	C	A	B	C		
															representation too is poor. Audit was last done on 22/07/2010. Registration has been cancelled. There are no loan activities and no IGA. Amount of shares and savings is not very high—most money is in bank. O&M of sluice gate is poor. Maintenance of embankment is fair, and that of khal is poor. Participation of men in O&M is fair, and that of women is poor. It is poor in conflict management. There exist serious unresolved conflicts between different interest groups.



## Annex C: POLDER WISE SUMMARY OF WMO FUNCTIONALITY ASSESSMENT RESULTS

### Bangladesh Water Development Board BLUE GOLD PROGRAM

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

**Polder No. 43/2D**

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	Matherbunia-Kalikapur WMA	4	-	-	-	3	-	N/A	N/A	N/A	4	-	-	11	<b>Cat A.</b> Regular meetings held with good attendance. Resolutions done properly. Gate operation not done properly because Bangladesh Water Development Board (BWDB) did not provide chain pulley and now this is broken. BWDB did not also hand over keys to some sluice gates to the WMA but instead to influential people who operated these sluices for their own interests. Embankment maintained with contribution from members (labour). WMA office maintenance not regularly done, occasionally used. No furniture and equipment provided by the project. WMA sometimes settled conflict at WMG level when needed.
1	Abad Hazikhali	-	3	-	-	3	-	-	3	-	4	-	-	13	<b>Cat B.</b> During WMG formation, executive members and office bearers were selected in accordance to rules. Out of 12 executive members, 4 are female but without post. Within last 2 years, WMG conducted only one annual general meeting (AGM) instead of at least 2 AGMs. Still performing O&M activities in the embankment and khals but not in the sluice because its location is very far. No loans only shares and savings. No cooperative activities now but capital still intact. Record keeping fair but not updated regularly.
2	East Garakhali (North)	-	3	-	-	3	-	-	3	-	4	-	-	13	<b>Cat B.</b> Less than 9 monthly EC meetings conducted last year and one AGM. WMG leased part of khal for fish cultivation as IGA which enabled it to construct own office.

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		
															Loans were also distributed and repayment rates are satisfactory. The amount invested from savings for microcredit was around Tk. 120,000.00, Cash in Bank is about Tk. 5000.00 and cash on hand (with 3 WMG leaders) is Tk. 13, 000.00. O&M works still being carried though not regularly. 4 members of the EC are women
3	Pakkhia	-	3	-	-	3	-	-	3	-	4	-	-	13	<b>Cat B.</b> Meetings are still conducted but not regularly. O&M and cooperative activities are rated fair. Women participation is also fair: out of 4 executive female members, women hold the Vice Chairman and Cashier posts. Around Tk. 80,000.00 is presently invested for credit program and the group profited a total of Tk.59, 000.00 from this. Last audit by DoC was in 2012.
4	Chara Bunia	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Almost dormant. Only O&M works being implemented. No meeting, record keeping and annual audit not done.
5	Shankarpur	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> After 2010, all activities have stopped. Out of 4 executive female members, Vice Chair is female. After IPSWAM (2010), WMG no longer had regular monthly/annual meeting only microcredit is being run mainly by the Chairman. He did not report this program to the group members. Amount invested for microcredit before the WMG became dormant was around Tk. 70,000.00
6	South Hazikhali	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> No meetings, no record keeping, no shares/savings collections at the time of evaluation but audit was satisfactorily done for FY 2012 (perhaps some 'tips' were paid). WMG experiences water related problems e.g. drainage congestion, scarcity of drinking and irrigation water
7	Chalitabunia	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> After IPSWAM, all activities stopped, no AGM meeting in the last 2 years, no monthly meeting, no record keeping, weak members' participation. O&M no longer carried out. Out of 4 executive female members, Vice chairman and Joint Secretary are female. Deposited in Bank saving amount Tk. 12,000.00

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		
8	East Garakhali	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> No AGM meetings in the last 2 years, no monthly EC meetings, no record keeping, weak members' participation. O&M no longer carried out. During WMG formation; out of 4 executive female members, one holds the post of Joint Secretary. Saving amount in the Bank is Tk. 30,171.00 and cash on hand is about Tk.4,000.00
9	Bahalgachia	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> All activities in this WMG have stopped 2-3 years ago. <i>This WMG, along with Dibupur, Ballovpur, East Sharikkhali and West Sharikkali WMGs, are located in an urban area just within the periphery of the project boundary. At the start of IPSWAM, the villagers did not want to be involved mainly because they do not engage in agriculture. Majority is in business. But they were motivated to get involved since they reside inside the polder area</i>
10	Dibuapur	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> Same status as WMG Bahalgachia above. However, recently, the WMG got permission from DoC to re-elect its Executive Committee.
11	Ballovpur	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> Same status as WMG Bahalgachia above
12	East Sharikkhali	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> Same status as WMG Bahalgachia above
13	West Sharikkhali	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> Same status as WMG Bahalgachia above
B	Marichbunia-Auliapur WMA	-	-	2	-	3	-	N/A	N/A	N/A	-	3	-	8	<b>Cat C.</b> Only 4 monthly meetings held last year, no AGM conducted in the last 2 years; members' participation weak; poor participation from women (4 women in the EC with no post). Sometimes initiated maintenance works in the embankment and sluice gates, no O&M fund but locally collected when needed. WMA office is shared with Matherbunia-Kalikapur WMA. The Chairman and Secretary are both busy with their respective professional work and have no time for the WMA and the two do not coordinate with each other. Hence, general members are dissatisfied with them

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		
1	Choto Auliapur (South)	-	3	-	-	3	-	-	-	2	4	-	-	12	<b>Cat B.</b> One AGM in the last 2 years. There are 4 female in the EC but no post. No IGA and micro credit activity implemented only shares and savings. O&M done in khal and embankment when required, funds locally collected (paddy,labour and cash). Amount of savings kept in Bank is Tk.38, 648.00
2	North Bazarghona	-	3	-	-	3	-	-	-	2	4	-	-	12	<b>Cat B.</b> Only one AGM in 2011 with poor attendance, less than 9 EC monthly meetings done yearly with at least 50% attendance. Coop is weak now: shares and savings collection is poor; records/books not maintained properly, no microcredit distribution. Previously the Coop bought rickshaw and a van rented out to members @40-50tk daily (still on-going). O&M done in khal and embankment when required. WMG is not involved in sluice maintenance because the sluice is located far away from the village.
3	Keshobpur	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> No meetings and other organizational and cooperative activities done in the last 2 years. However, some maintenance is done in khal and embankment when required and O&M funds locally collected (paddy,labour and cash) when needed. The WMG chairman had been fully involved in FFS activities of DAE as FFS Trainer but he expressed interest to become active again in the WMG under Blue Gold Program.
4	Thangai	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> No meetings and other organizational and cooperative activities implemented in the last 2 years. However, some maintenance is done in khal and embankment when required and O&M funds locally collected (paddy,labour and cash) when needed. Savings collected amounting to Tk 11,500 is kept in the bank.
5	East Auliapur	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> No meetings and other organizational and cooperative activities done in the last 2 years. A new election of EC members and office bearers for both WMA and WMG was recommended by the FGD participants. Out of 4 executive female members, post of joint secretary is

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		
															held by female. Some maintenance is done in khal and embankment when required and O&M funds locally collected (paddy,labour and cash) when needed. After IPSWAM, savings collected were returned to members.
6	Choto Auliapur (North)	-	-	2	-			-	-	2	4	-	-	11	<b>Cat C.</b> Re- election done in Dec. 2009 when WMG Secretary died. Out of 4 executive female members, one holds the joint secretary post. Chairman is active but members are not. No organizational and cooperative activities at present. However, some O&M being implemented in khal and embankment when required and funds collected from community (paddy, labor and cash). Amount of savings deposited in the Bank is Tk. 4,381.00.
7	Bara Auliapur (East)	-	-	2	-			-	-	2	4	-	-	11	<b>Cat C.</b> For the last 4 years, no organizational and cooperative meetings and activities conducted. Out of 4 executive female members joint secretary is female. O&M done in khal and embankment when required, funds locally collect (paddy,labour and cash). Members saving amount in Bank Tk. 18,455.00.
8	Bara Auliapur (North)	-	-	2	-			-	-	2	4	-	-	11	<b>Cat C.</b> Out of 4 executive female members vice Chair is female After IPSWAM (2009) no meetings held, no ongoing IGAs, savings, and credit. O&M done in sluice gate, khal and embankment when required, needed funds locally collected (paddy, labour and cash) Saving cash in Bank Tk. 16,000.00.
9	Panchakuralia (East)	-	-	2	-			-	-	2	4	-	-	11	<b>Cat C.</b> Registered members are 150 and last audit was 2012. After IPSWAM, no meetings, activities. No on-going coop activities. Previously, coop engaged in IGA by mortgaging land for crop cultivation investing Tk 30,000 which failed. Female participation is strong: female members are more than 50% and Vice Chair is a woman. O&M done in sluice gate, khal and embankment when required, needed funds locally collected (paddy, labour and cash).
10	Panchakuralia (West)	-	-	2	-			-	-	2	4	-	-		<b>Cat C.</b> Out of 4 executive female members, joint secretary is female. After IPSWAM, no

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	organizational and cooperative meetings and activities conducted by WMG. Only O&M done in sluice gate, khal and embankment when required, and needed funds locally collected (paddy,labour and cash). Saving amount in the Bank Tk. 51,317.00.
11	South Morich Bunia	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> 4 women in EC but no post. After IPSWAM, no organizational and cooperative meetings and activities conducted by WMG. Only O&M done in sluice gate, khal and embankment when required, and needed funds locally collected (paddy,labour and cash). Saving amount in Bank Tk. 18,800.00
12	East Morich Bunia	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> 4 women in EC but no post. After IPSWAM, no organizational and cooperative meetings and activities conducted by WMG. Only O&M done in sluice gate, khal and embankment when required, and needed funds locally collected (paddy,labour and cash). Saving amount in Bank Tk. 31,732.00.
13	Patukhali	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Out of 4 executive female members, vice Chair is female. In the last 2 years, no meetings and activities conducted, monthly meeting minutes done before but not done well. There was also weak planning, implementation and decision making process when WMG was still functioning. O&M is done when needed in the sluice, khal and embankment. O&M contributions collected from the community when needed. Saving amount in Bank Tk. 31,165.00.
14	Barunbaria-Guabaria	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Out of 4 executive female members, Vice Chair is a female Last 2 years, one AGM done with poor attendance. Last year, no monthly EC meetings conducted. Cooperative did not implement IGA and microcredit activities because members are contented in having their money kept in the bank earning interest. They did not want their money to be mismanaged/ stolen. Amount of saving in Bank Tk. 57,447.00. O&M is performed when needed in the sluice, khal and embankment. Funds are

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		
															collected from the community when needed.
15	South Bazarghona	-	-	2	-			-	-	2	4	-	-	11	<b>Cat C. Dormant.</b> Out of 4 executive female members, Vice Chair is female. In the last 2 years, no meetings and activities conducted. This WMG is located at the middle-center part of the polder. According to the FGD participants, WMG did not participate in O&M because the sluice and khals are located far away. Savings amount in Bank Tk. 17,667.00.
16	Chamta	-	-	2	-			-	-	2	4	-	-	10	<b>Cat C.Dormant.</b> Vice chair of WMG is female. No AGM and monthly meetings held in the last 2 years; dormant in all organizational activities. Weak cooperative; registration cancelled with no on-going activity; O&M also weak. After IPSWAM, all savings collected were returned to the members but the Bank Account is maintained.
17	Tafalbaria	-	-	2	-			-	-	2	4	-	-	10	<b>Cat C.Dormant.</b> Last 4 years, no meetings and activities, records/books updated until 2008. All shares and savings were returned to the members.

### Polder No. 43/2F

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	Gulishakhali WMA	-	-	2	-	3	-	N/A	N/A	N/A	-	3	-	8	<b>Cat C.</b> There was good selection process of the Executive Committee (EC) members during WMG formation. 4 female members elected who assumed Vice Chair and joint secretary posts. Meetings have been irregular but in 2011 these completely stopped. Operation and Maintenance (O&M) of sluice gate is good; irregularly maintained embankment, khal, inlet, outlet etc. No regular O&M funds but WMA collects contributions from WMGs. There was conflict between WMA Chairman and Secretary during the implementation of rehabilitation works (IPSWAM). WMA office has not been used and maintained for a long time. Compaction was not done well during construction causing part of the floor to cave in. Half of the ceiling is also

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		
															falling apart.
1	Middle Dalachora	4	-	-	-	3	-	-	3	-	4	-	-	14	<b>Cat A.</b> Out of 4 executive female members Joint Secretary is a female. Last 2 year, one Annual General Meeting (AGM) conducted with 100% attendance from members. Planning and decision making process is participatory with good female participation. EC monthly meeting attendance was also good, but last meeting conducted was in July 2012. Temporarily stopped collection of shares and saving (last collected was in July 2012). Distributed loans to members but repayment was poor. Female membership in the coop is more than 50%. WMG maintained sluice, khal and embankment only when needed. Funds are collected when needed. Their record keeping updated, Tk. 20,000.00 in Bank and Tk. 40,000.00 invested in microcredit program.
2	South Dalachora	4	-	-	-	3	-	-	3	-	4	-	-	14	<b>Cat A.</b> Last AGM was conducted in June 2012 with good attendance. Planning and implementation was good and participation from both female and male was also good. Out of 4 executive female members, Joint Secretary is a female. Last 2 years, book/record keeping was done and updated up to June 2012. Share and savings amount to Tk. 96,900.00. Microcredit was initiated and continued until last year. Collection of shares and savings stopped only last year. WMG maintained sluice, khal and embankment only when needed. Funds are collected when needed. Previously they invested Tk. IGA for Tk. 50,000.00 for cow business (purchased and sold) but this failed.
3	East_South Kalbari	4	-	-	-	3	-	-	3	-	4	-	-	14	<b>Cat A.</b> Last year, 9 monthly meetings conducted and one AGM, attendance was good. EC members' attendance was good, female participation also good. Planning and decision making quite participatory. EC meeting minutes fairly kept, all meeting minutes kept, WMG not satisfied with WMA performance. There are on-going IGA and microcredit activities. O&M is regularly performed for the sluice gate while maintenance work in the Khal and embankment is done when needed. WMG constructed own office. Microcredit amounted to Tk. 87,300.00 and money in the Bank is Tk.1,700.00.
4	North Gulishakhali (East)	-	-	2	-	3	-	-	3	-	4	-	-	12	<b>Cat B.</b> All meetings and activities stopped in 2011 but previously performing well including implementation of cooperative activities. Distributed loans to members: repayment was good; and members were satisfied with their WMG and cooperative. The amount invested to microcredit program was Tk.14, 000.00 and



SL. No.	Name of Water Management Association (WMA) & Water Management Group (WMA)	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		
															cash in Bank is Tk.2,500.00. WMA still performs maintenance work (mainly labour) in the sluice, khal and embankment when needed. They collect O&M contributions also when needed.
5	East Kalagachia	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Overall weak but still performing O&M fairly with the Union Parishad (UP) and other community members contributing to O&M works. Last AGM done in June 2011 but attendance of both men and women was poor; last monthly EC meeting was conducted in Jan. 2012. After this, no meetings and other activities conducted. Members said that there is no transparency in the organization.
6	West Kalagachia	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Selection of EC members was done well during WMA 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 WMA 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	West Kalagachia (West)	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</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 because WMA did not want to pay audit fee. O&M is done when needed in the sluice, khal and embankment
8	North Dalachara	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> In the last 2 years, only one AGM was conducted while the last monthly EC meeting was held in June 2011. There was no audit done after registration. Recordkeeping updated up to June 2011. Shares and savings also stopped in 2011. Previously, loans were distributed to members but repayment was poor. Shares and savings were returned to 75 members. WMA maintained sluice, khal and embankment only when needed. Funds are collected when needed.
9	North Dalachora (North)	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After formation no AGM was conducted. After 2008 no monthly EC meetings conducted. No audit conducted since registration. The cooperative did not implement micro credit, only shares and savings which have stopped and all these have been returned to the members. WMA maintained sluice, khal and embankment only when needed. Funds are 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		
10	Bain Buna	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> No AGM conducted in the last 2 years and last EC monthly meeting was conducted in March 2008 where attendance was poor. All cooperative activities also stopped. But WMG still perform maintenance work (mainly labour) in the sluice, khal and embankment when needed. They collect O&M contributions also when needed. Bank balance for savings is Tk. 10,000.00
11	Bazarkhali	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Last AGM was in 2010 and last EC monthly meeting conducted in June 2011. Cooperative activities also stopped and cash in the hands of WMG officials (secretary and cashier) is quite big (Tk 17,000 taka). There had been no audit since registration. The cooperative only had shares and savings. WMG still perform maintenance work (mainly labour) in the sluice, khal and embankment when needed. They collect O&M contributions also when needed. Secretary is not active.
12	South Gulishakhali (South)	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Last AGM and EC monthly conducted in 2010. Cooperative activities also stopped. The cooperative only had shares and savings. WMG still perform maintenance work (mainly labour) in the sluice, khal and embankment when needed. They collect O&M contributions also when needed. Total savings amount in bank is Tk.17, 570.00. Chairman and Cashier paid TK 3,000 for audit in 2011 without the approval of the general members.
13	South Gulishakhali (North)	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> The same situation with South Gulishakhali (South).
14	North Gulishkhali (West)	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> The same situation with South Gulishakhali (South).
15	Debpur	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> No AGM and EC monthly meetings after 2009. Cooperative was weak and members not interested to give savings. Members not also satisfied with their WMG and WMA. There was no audit done. However, WMG still performs O&M works when needed in the sluice, khal and embankment mainly using labour. Savings collected that is in the bank amount to Tk. 41,000.00. Members are not interested to invest this in IGA because they do not trust their leaders.
16	Southwest Kalibari	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After June 2010, no AGM conducted. Last year, only 4 EC monthly meetings conducted and meeting minutes were kept. Meeting attendance was good including participation from the members. WMG is not satisfied with WMA because there has been no regular communication between WMA and WMG. Cooperative savings and shares collection stopped but some money is in the bank. Last audit was completed FY 2011. No loan and IGA activities implemented. The WMG chairman is very powerful and does not consult the 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		
17	North Kalibari-Bazarghona	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> No AGM conducted since formation though shares and savings were collected (Tk 17,000 in the bank). The cooperative <u>is not yet registered</u> . After June 2011, no EC monthly meetings conducted and collection of shares and savings stopped. WMG Chairman is residing outside the village with few interactions with the members. He made decisions without consulting them.
18	North Haridrabilia	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Last AGM was in June 2000. The last EC monthly meeting was in Jan 2011. Attendance was poor, participation also poor, no on-going activities at present. No loans were distributed and no IGA implemented. The good thing is that all cooperative money is in the bank. Audit not conducted since registration. WMG regularly operate and maintain sluice gate but for Khal and embankment, O&M is done only when needed. WMG Chairman is not active.
19	South Haridrabilia	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Last 2 years no meetings and cooperative activities stopped. IGA not implemented. Audit not done by DoC since registration. However, cooperative shares and savings money is in the bank. WMG performs regular O&M of the sluice but only does O&M in khal and embankment when needed.
20	South Angulkata	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After June 2010 all meetings and activities stopped. Shares and savings collection stopped in January 2011.No loan distribution and also IGA. Audit conducted by DoC for FY 2011. The last AGM was conducted in 2010. O&M of sluice, khal and embankment is done only when needed.
21	North Angulkata	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After June 2007 no AGM conducted and last EC monthly meeting was held in June 2010. All other activities stopped including shares and savings. Cooperative did not implement loan and IGA activities. There was no audit done by DoC since - registration. O&M of sluice, khal and embankment is done only when needed.
22	North Guzkhali	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After formation, no AGM conducted and the last EC monthly meeting was held in August 2009. All other activities stopped including shares and savings. Satisfaction level of members on their cooperative is poor because of lack of transparency. There was also no loan and IGA implemented. No audit done by DoC after registration. O&M of sluice, khal and embankment is being done when needed.
23	South Guzkhali	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After June 2007 no AGM and after June 2008, no monthly meetings and all other activities stopped including shares and savings. Savings were returned to the members except the shares. No audit by DoC after registration. Satisfaction by members with their cooperative when still active was good. O&M

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		
															of sluice, khal and embankment is being done when needed
24	Fakirkhali-North Guzkhali	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After formation of WMG no AGM was held. After June 2010, no EC monthly meetings and all other activities stopped including shares and savings. No audit since after registration. Coop money is all in the bank and amount is Tk.75,000.00. WMG was satisfied with the WMA, but general members were not satisfied with WMG and cooperative. There were no loan and IGA activities implemented. O&M of sluice, khal and embankment is done when needed
25	North Khakuani	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> After June 2010, no AGM conducted and in June 2011, EC monthly meetings stopped including shares and savings collection. No audit by DoC since registration. Cooperative did not distribute loans and did not implement IGA. O&M of sluice, khal and embankment is done when needed.
26	South Khakuani	-	-	2	-	3	-	-	-	2	4	-	-	11	<b>Cat C.</b> Same status as North Khakuani. Money in the bank is Tk. 10,000.
27	Middle Kalagachia	-	-	2	-	-	2	-	-	2	4	-	-	10	<b>Cat C. Dormant.</b> Since after formation, no AGM done. After 2007, no EC meetings and other activities conducted. The cooperative has not been registered yet though the WMG applied in 2009. DoC has not made any reply/action on the application. Chairman is not trusted by the members.