





Bangladesh Water Development Board (BWDB)

Embassy of the Kingdom of the Netherlands(EKN) Dhaka, Bangladesh

Department of Agricultural Extension (DAE)











## Working Paper 8C Participatory Monitoring

**October-November 2017** 









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Blue Gold Program

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## Issue and revision record

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Working Papers are intended to explore the issues surrounding a particular aspect of the project (eg gender, BGP exit strategy, polder development planning, roles and functions of WMO organisations, water management, communications) in a form which allows discussion and comment within the project whilst remaining as a working draft - but with the eventual aim of issuing as a Technical or Thematic Report when the process of internal interrogation and refinement has resulted in a product which has wider application. A WP is not intended to be an action plan or progress report, but a discussion of issues and processes and the reasons behind what we are doing in the project.

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## **List of Abbreviations**

BGP Blue Gold Program

BWDB Bangladesh Water Development Board

EC Executive Committee

FFS Farmer Field School

MFS Market Oriented Farmer Field School

MRL Monitoring, Reflection and Learning

O&M Operation and Maintenance

PM Participatory Monitoring

ToT Training of Trainers

WM Water Management

WMA Water Management Association

WMG Water Management Group

WMO Water Management Organization



## **Executive Summary**

- 1. This report covers the third round of participatory monitoring (PM), conducted by WMGs during the period October to November 2017. Through this exercise, the WMGs assessed their own performance against potential targets at outcome level, which we refer to as outcome challenges. In essence, participatory monitoring encourages WMGs to be aware of potential targets and to evaluate their performance (progress or shortcomings) towards a full achievement of those targets.
- 2. A total of 352 WMGs of 14 polders participated in the PM exercise. The WMGs assessed their progress against 17 outcome challenges under 3 themes and indicated the progress they achieved visà-vis the outcome challenges by using scores.
- 3. A revised set of outcome challenges have been used for this round of PM. The outcome challenges were revised to reinforce the functionality indicators now used across the Blue Gold Program. The reaction of WMGs regarding the PM format with the revised set of outcome challenges is positive. WMGs can more easily relate these outcome challenges to activities in their everyday life.
- 4. Based on the progress they reported, WMGs have been ranked in 5 performance grades 'A' if the overall achievement is > or = 80%; 'B' if the overall achievement is between 70 and 79%; 'C' if the overall achievement is between 60 and 69%; 'D' if the overall achievement is between 50 and 59%; and 'E' if the overall achievement is < 50%.
- 5. The results of PM show that performance grade of about 22% of the total number of WMGs is 'A', overall achievement being 80% or more, while 10% WMGs belong to 'E' grade with overall achievement of 50% or less. It is noteworthy that performance levels of about 75% of the total number of WMGs are of 3 top grades ('A', 'B' & 'C') as per WMGs' self-assessment, and about 83% as per assessment of Polder Teams.
- 6. As per their self-assessment, the progresses of WMGs have been quite remarkable in 4 polders Polders 22, 30, 43/2D and 43/2F.
  - 10 out of 12 WMGs of Polder 22 belong to the top 2 performance groups, with 7 WMGs in grade 'A':
  - all 40 WMGs of Polder 30 belong to the top 2 performance groups, with 30 of them in the topmost level of performance;
  - 24 out of 28 WMGs of Polder 43/2D belong to the top 2 performance groups, with 14 of them at the highest level of performance; and,
  - 25 out of 27 WMGs of Polder 43/2F belong to the top 2 performance groups, with 11 of them at the highest level of performance.



### 1. Introduction

#### 1.1 Background to Blue Gold Program

Blue Gold Program (BGP) contributes to 'reducing poverty in coastal polders by creating a healthy living environment and a sustainable socio-economic development'. To this end the program sets up two types of activities: water management support activities and agriculture/fisheries production and market development support activities. Water management support activities include development and repair of water management infrastructures of selected polders and strengthening of water management partnerships, while agriculture/fisheries and market development support activities including technology transfer in agriculture/fisheries and strengthening of market linkages.

The project activities are expected to bring systemic changes in the existing situation. Water management support activities will stimulate equitable water management, where water management partnerships will be active so that water resources are managed effectively. Complementary to this, the agriculture/fisheries and market development support activities will generate strengthened value chains, where farmers will harvest more productive, profitable and diversified productions by adopting new technologies and practices with support from technology transfer services and commensurate market linkage developments. This is the outcome level in the results chain leading towards the ultimate target of Blue Gold Program.

Because changes at impact level and eventually at goal level will only occur if they are sustained at outcome level, monitoring is carried out at outcome level. Outcome mapping is necessary to see whether the expected changes are taking place, and whether they are developing into sustainable changes.

#### 1.2 Purpose of Participatory Monitoring

Within Blue Gold, participatory monitoring (PM) encourages water management groups (WMGs) to be aware of the potential targets for their development and to evaluate their progress (or shortcomings) towards a full achievement of those targets. Based on their monitoring results, the WMGs can adjust their own plan of actions to sustain progresses achieved and set further improvements.

Participatory Monitoring provides the field staff a first-hand insight into the WMG's leadership perception of their own performance and upon reflection offers an opportunity to diagnose progress in more depth and consider the identification of further interventions and the facilitation thereof.

<sup>&</sup>lt;sup>1</sup>Inception Report, Blue Gold Program, 2013.



## 2. Methodology

#### 2.1 Participatory Monitoring Tool

A format with monitoring parameters is used as the participatory monitoring tool. The monitoring parameters are potential targets for development of WMG at outcome level, thus also called outcome challenges. A revised set of monitoring parameters have been used for this round of PM. The monitoring parameters used in previous rounds of PM were revised to reinforce the functionality indicators now used across Blue Gold Program, and to overcome some particular problems or confusions in the previous format e.g. to remove references to MFS outcome challenges since BGP has not held MFSs in all polders. For this round of participatory monitoring, a total of 17 outcome challenges under three themes have been identified as monitoring parameters (see **Annex 1**).

The three themes are:

- (a) agriculture and economic development
- (b) water management (operation and maintenance of infrastructures); and
- (c) water management group and water management partnership,

The achievement of a WMG against each of the 17 outcome challenges is ranked on a scale of 4 progress levels:

- 0 = No progress
- 1 = Limited progress
- 2 = Improved progress
- 3 = Full achievement

Each of the four progress levels is provided with a simple and clear definition, i.e. progress marker, so that WMGs can distinguish through internal discussion and reasoning which level they have achieved. The progress markers provide definitions of a set of idealized targets for WMGs. Monitoring by the WMGs of the progress achieved towards these targets then generate firsthand information on systemic changes, which can in turn be used to plan appropriate actions.

The language (Bangla) of the format has been kept as simple as possible and where the words and phrases with special connotations have been used, they have been explained alongside those words and phrases with examples from day-to-day life. The feedback from WMGs on the PM format with the revised set of monitoring parameters has been encouraging – it appears that they feel more comfortable with the revised monitoring parameters than the previous ones; WMGs can more easily relate these parameters with realities and activities of their everyday life.



#### 2.2 Participatory monitoring exercise

Participatory Monitoring was conducted by WMGs of 14 Blue Gold polders during October–November 2017. A total of 352 WMGs participated in this round of participatory monitoring exercise. CDFs were present in the participatory monitoring sessions of most WMGs in case the latter required any clarifications on the monitoring parameters – the outcome challenges and progress markers.

The WMGs assessed their progress vis-à-vis 17 outcome challenges under 3 themes as reflected in the PM format. They discussed the outcome challenges, the potential targets of their development, and progress markers thoroughly and marked their achievements/progress levels by putting scores.

#### 2.3 Reflection on participatory monitoring results

After the results of participatory monitoring were analyzed, the MRL Team shared the results with all polder teams in separate meetings and reviewed/reflected upon the results together. The polder teams actively and spontaneously participated in discussion; they shared their views on the assessment of WMGs as well as gave their assessment of the progress/performance of WMGs.

As recommended by the ARM 2017, the polder teams were advised to encourage the WMG Executive Committees to share with the general members 'the potential targets of WMG' as reflected in PM format and the monitoring results at (annual/quarterly) general meetings of WMGs.

#### 2.4 Limitations

- A number of CDFs who looked after WMGs in different polders have been transferred to other
  polders so that the reflection on participatory monitoring results was not enriched to the fullest
  possible extent.
- Due to the changes in the monitoring parameters, it will not be possible to compare the results of this round of PM with those of the earlier rounds, and, for the same reason, the progress of WMGs over time cannot be shown.



## 3. Project Overview

#### 3.1 Present Status of WMGs

The degree of achievement or progress of WMGs vis-à-vis the outcome challenges, which may alternatively be called performance levels of WMGs, have been determined by the WMGs themselves i.e. through their self-assessment. Basing on the scores they gave against the monitoring parameters, the WMGs have been ranked in 5 performance levels, using letter grades:

A =overall average achievement is>=80%;

B =overall average achievement is between 70 and 79%;

C =overall average achievement is between 60 and 69%;

D =overall average achievement is between 50 and 59%;

E =overall average achievement is<50%.

It is normal to expect that WMGs of older polders will have better performance levels than those of relatively newer polders though in reality it may not be the case always. Table-1 shows how old different polders are in consideration of the starting dates of BGP interventions<sup>2</sup>.

Table-1: Starting dates of BGP interventions

Starting Date of BGP Intervention	Polders
June 2013	Polders 22, 30, 43/2D and 43/2F
August 2013	Polders 43/2A, 29, 43/1A, 43/2B, 43/2E and 26
April 2014	Polder 31 part
August 2014	Polder 2
August 2015	Polders 55/2A and 55/2C

The following table shows the numbers of WMGs of 14 polders falling under different grades, indicating their performance levels. In Table-2 polders have been arranged in the order of starting dates of BGP interventions.

<sup>&</sup>lt;sup>2</sup> Community mobilization activity has been the first BGP intervention in all polders.



Table-2: Distribution of WMGs as per performance levels

Perfor- mance					Polo	der-wise	no. and	% of WN	IGs as p	er perfo	rmance i	levels*			
levels (Grades)	22	30	43/ 2D	43/ 2F	43/ 2A	29	43/ 1A	43/ 2B	43/ 2E	26	31 Part	2	55/ 2A	55/ 2C	All polders
Α	7 (59)	30 (75)	14 (50)	11 (41)	1 (5)	5 (9)	2 (14)	7 (25)	_	1 (7)	_	1 (2)	_	_	79 (22)
В	3 (25)	10 (25)	10 (36)	14 (52)	2 (9)	22 (40)	3 (21)	4 (14)	4 (33)	6 (40)	2 (17)	3 (5)	_	4 (25)	87 (25)
С	1 (8)	-	4 (14)	1 (4)	11 (50)	23 (42)	4 (29)	10 (36)	4 (33)	8 (53)	8 (66)	16 (28)	3 (23)	7 (44)	100 (28)
D	1 (8)	-		_	6 (27)	5 (9)	5 (36)	3 (11)	4 (33)	-	2 (17)	20 (34)	1 (8)	5 (31)	52 (15)
Е	_	_	_	1 (4)	2 (9)	_	_	4 (14)	_	_	_	18 (31`)	9 (69)	_	34 (10)
Total	12 (100)	40 (100)	28 (100)	27 (100)	22 (100)	55 (100)	14 (100)	28 (100)	12 (100)	15 (100)	12 (100)	58 (100)	13 (100)	16 (100)	352 (100)

<sup>\*</sup>The figures in parentheses indicate % of WMGs in reference to total no. of WMGs in respective polders.

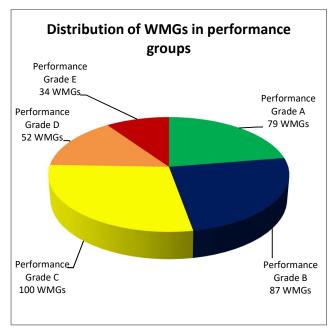
The detailed results of self-assessment by WMGs are given polder-wise in Sections 4. The polder teams by and large agree with the results of self-assessment by the WMGs; the polder teams observed that in general the WMGs have done well in their self-assessment. Nonetheless, there are some WMGs that have over-rated their achievements and some others have under-rated their achievements. Again, there are some WMGs that are unwilling to put high scores (even when their achievements are high) because they think that BGP may withdraw its support from them if BGP sees that they are doing well or for fear that they may lose their eagerness/enthusiasm for further improvement in complacent over their achievement. The difference between WMGs' self-assessment and polder teams' assessment is shown in the following table; details of the variations are shown in Section 4.

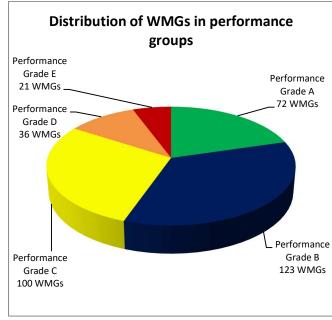
Table 3: Distribution of WMGs into performance groups as per WMGs' self-assessment and polder teams' assessment

Doufousson of lovels	No. and percentage of WMGs belonging to different performance					
Performance levels (Grades)	Self-assessme		oups Assessment b	y Polder Teams		
	No.	%	No.	%		
Α	79	22.44%	72	20.45%		
В	87	24.72%	123	34.94%		
С	100	28.41%	100	28.41%		
D	52	14.77%	36	10.23%		
E	34	9.66%	21	5.97%		

The charts below show the distribution of 352 WMGs into performance groups.







Source: Self-assessment by WMGs

Source: Polder Team's assessment

It is noteworthy that performance levels of about 75% of the total number of WMGs are of 3 top grades ('A', 'B' & 'C') as per WMGs' self-assessment, and about 83% as per assessment of Polder Teams.

#### 3.2 Poor Performance Areas of WMGs

From the PM results it appears that, as they assessed their achievements or progress with respect to 17 outcome challenges, the WMGs realized that they are weak on certain aspects and, therefore, they put low scores. The following table gives a picture of how many WMGs (out of 352 which participated in PM) are weak with respect to which outcome challenges.

Table 4: Outcome challenges, with reference to which the WMGs have put low scores (0 or 1):

SI. No.		Outcome Challenges	No. of WMGs that have put low scores
1	1.7	Farmers undertake collective actions for agricultural activities	203
2	2.5	WMG has created O&M fund and it uses the fund as per its plan for O&M	178
3	2.1	BWDB has carried out appropriate maintenance work of water management infrastructures	100
4	2.3	WMG carries out 'Routine Maintenance' of all infrastructures of the area	97
5	2.4	Local people are participating in the operation of water management infrastructures under the leadership of WMG by contributing necessary resources	85
6	2.6	People of the WMG area, under the leadership of WMG and with cooperation of BWDB and UP, take care of water requirements of highland and lowland of the area	81
7	2.2	No infrastructure of the area is under illegal occupation	65
8	1.3	Male and female farmers of the area have adopted modern	62

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SI.	Outcome Challenges	No. of WMGs that
No.		have put low scores
	technologies/methods for poultry & livestock rearing	
9	3.2 WMG regularly updates its accounts and other books of records and presents them in meetings	61
10	3.3 WMG engages in water management related activities jointly with government & non-government organizations and LGIs	58
11	1.5 In Rabi & Kharif-1 seasons the potential cultivable lands of the area are brought under cultivation	55
12	3.1 WMG has actively formulated the WMG action plan (WAP) and implements it	50
13	1.2 Male and female farmers of the area have adopted modern technologies for fish cultivation	49
	1,4 Synchronization in cultivation of crops and crop varieties is practiced in the area	49
15	3.4 There is no conflict relating to use of water and water management in the WMG area	22
16	1.1 Male and female farmers of the area have adopted modern agricultural technologies for crop cultivation, including cultivation of high yielding varieties and high value crops, use of modern crop cultivation methods	21
17	1.6 In Kharif-2/Aman season the potential cultivable lands of the area are brought under (crop or fish) cultivation.	15

By far the most common weakness of WMGs is the low interest in collective actions for agricultural activities, and, as a theme, the water management (ie operation and maintenance of infrastructure) is the most unheeded area. The WMGs need to be encouraged to give special attention to these areas. It may also be noted that as many as 100 WMGs point towards poor periodic maintenance of infrastructures, which is to be done by BWDB.



## 4. Polder Overview

Polder-wise results of participatory monitoring are given in this section. While the Polder Teams agree with WMGs' self-assessment to a large extent, there are some disagreements as well, as noted earlier. As the assessment results are reported below polder-wise, the performance level of each WMG has been shown by using a letter grade; if and where the concerned Polder Team holds different view as regards overall achievement of a WMG, it has been indicated in the next column.



#### 4.1 Polder 22

As per their own assessment, 10 out of 12 WMGs of this polder belong to the top 2 performance groups, with 7 WMGs in grade 'A'. Thus, as may be expected for being one of the old BGP polders, the progress of WMGs in general is reasonably good. This is one of the four polders -others being Polders 30, 43/2D and 43/2F- that are excelling in terms of number of WMGs falling under the top 2 performance groups. The assessment of the Polder Team relating to performance of WMGs of this polder is very close to that of the WMGs' self-assessment. However, the Polder Team differs somewhat with the results of self-assessment by WMGs in two instances; in Polder Team assessment Darun Mallik's performance/progress level is of grade 'B' and not 'A' as the WMG ranks its progress, and Kalinagar's performance level is of grade 'C' as opposed to WMG's own rating, i.e. grade 'D'.

			Progress of WMGs of Progress Levels(and		Average		G performance / letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
47221	Bigardana	2.14 (71.43%)	2.17 (72.22%)	3.00 (100.00%)	2.35 (78.43%)	В	
47222	Darun Mallik	2.43 (80.95%)	2.67 (88.89%)	2.75 (91.67%)	2.59 (86.27%)	Α	В
47223	Durgapur	2.57 (85.71%)	2.50 (83.33%)	2.50 (83.33%)	2.53 (84.31%)	Α	
47224	Fulbari	2.43 (80.95%)	2.50 (83.33%)	2.75 (91.67%)	2.53 (84.31%)	А	
47225	Gopepagla	2.29 (76.19%)	2.67 (88.89%)	1.75 (58.33%)	2.29 (76.47%)	В	
47226	Harinkhola	2.71 (90.48%)	2.67 (88.89%)	2.50 (83.33%)	2.65 (88.24%)	Α	
47227	Hatbari	2.57 (85.71%)	2.50 (83.33%)	3.00 (100.00%)	2.65 (88.24%)	А	
47228	Kalinagar	1.86 (61.90%)	1.17 (38.89%)	2.00 (66.67%)	1.65 (54.90%)	D	С
47229	Noai	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	

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			Progress of WMGs o Progress Levels(and		Average		G performance / letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
472210	Saidkhali	2.71 (90.48%)	2.33 (77.78%)	2.25 (75.00%)	2.47 (82.35%)	Α	
472211	Senerber	2.71 (90.48%)	2.50 (83.33%)	2.25 (75.00%)	2.53 (84.31%)	Α	
472212	Telikhali	2.43 (80.95%)	2.17 (72.22%)	2.25 (75.00%)	2.29 (76.47%)	В	



#### 4.2 Polder 30

As per their own assessment, all 40 WMGs of this polder belong to top 2 performance groups, with 30 of them in the topmost level of performance. Thus, we have a picture of impressive progress of WMGs; this is the kind of progress that BGP would like to see in all polders. This is one of the four polders - others being Polders 22, 43/2D and 43/2F - that are excelling in terms of number of WMGs falling under 2 top performance groups. The Polder Team, however, ranks 36 WMGs in the top 2 performance groups and only 15 of them at the highest performance level. The most common outcome challenge where many WMGs feel that their performance is still poor is 'undertaking collective action in agricultural activities'; the other outcome challenge identified by a number of WMGs as poor performance area is the 'creation of O&M fund'.

		t	rogress of WMGs o 3 Progress Levend achievement in	els	Average score (out of	perfor	of WMG mance letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
47301	Amtala Kodaldaha	2.14 (71.43%)	2.50 (83.33%)	2.75 (91.67%)	2.41 (80.39%)	А	В
47302	Andharia Khejurtala	2.57 (85.71%)	2.17 (72.22%)	2.75 (91.67%)	2.47 (82.35%)	А	
47303	Auskhali	2.43 (80.95%)	2.17 (72.22%)	2.50 (83.33%)	2.35 (78.43%)	В	
47304	Baguladanga -Patharghata	2.29 (76.19%)	2.17 (72.22%)	2.50 (83.33%)	2.29 (76.47%)	В	
47305	Bajeafti Debitala	2.57 (85.71%)	2.33 (77.78%)	2.00 (66.67%)	2.35 (78.43%)	В	
47306	Balabunia	2.57 (85.71%)	2.83 (94.44%)	3.00 (100.00%)	2.76 (92.16%)	А	
47307	Barun Para	2.86 (95.24%)	2.50 (83.33%)	2.50 (83.33%)	2.65 (88.24%)	А	С
47308	Basurabad	2.86 (95.24%)	2.67 (88.89%)	3.00 (100.00%)	2.82 (94.12%)	Α	
47309	Batiaghata	2.71 (90.48%)	2.67 (88.89%)	3.00 (100.00%)	2.76 (92.16%)	А	



		t	rogress of WMGs o 3 Progress Leve nd achievement in	els	Average score (out of	perfor	of WMG mance letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %  Self- assessment by WMGs		Polder Team's Assessment (indicated where it differs)
473010	Boyarbhanga Madhya	2.57 (85.71%)	2.50 (83.33%)	2.75 (91.67%)	2.59 (86.27%)	А	
473011	Boyarbhanga Paschim	2.29 (76.19%)	2.83 (94.44%)	2.50 (83.33%)	2.53 (84.31%)	А	В
473012	Boyarbhanga Purba	2.43 (80.95%)	2.50 (83.33%)	2.75 (91.67%)	2.53 (84.31%)	А	
473013	Britti Khalsebunia	2.14 (71.43%)	2.17 (72.22%)	2.50 (83.33%)	2.24 (74.51%)	В	
473014	Britti Salua	2.86 (95.24%)	2.50 (83.33%)	2.75 (91.67%)	2.71 (90.20%)	А	В
473015	ChakSolemari	2.43 (80.95%)	2.17 (72.22%)	2.50 (83.33%)	2.35 (78.43%)	В	
473016	Charkhali Machalia	2.57 (85.71%)	2.33 (77.78%)	3.00 (100.00%)	2.59 (86.27%)	А	
473017	Debitala	2.71 (90.48%)	2.33 (77.78%)	2.25 (75.00%)	2.47 (82.35%)	Α	В
473018	Deoatala	2.86 (95.24%)	2.17 (72.22%)	3.00 (100.00%)	2.65 (88.24%)	А	
473019	Gangarampur	2.57 (85.71%)	2.50 (83.33%)	2.50 (83.33%)	2.53 (84.31%)	А	С
473020	Hatbati Dakshin	2.71 (90.48%)	2.67 (88.89%)	2.75 (91.67%)	2.71 (90.20%)	А	
473021	Hatbati Uttar	2.43 (80.95%)	1.83 (61.11%)	2.25 (75.00%)	2.18 (72.55%)	В	
473022	Hetalbunia	2.57 (85.71%)	2.33 (77.78%)	2.75 (91.67%)	2.53 (84.31%)	А	В
473023	Hogolbunia Dakshin	2.71 (90.48%)	2.67 (88.89%)	2.75 (91.67%)	2.71 (90.20%)	А	В



		t	rogress of WMGs o 3 Progress Leve nd achievement in	els	Average score (out of	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
473024	Hogolbunia Uttar & Madhya	2.43 (80.95%)	2.50 (83.33%)	2.75 (91.67%)	2.53 (84.31%)	А	В
473025	Kaemkhola	2.57 (85.71%)	2.17 (72.22%)	2.75 (91.67%)	2.47 (82.35%)	А	В
473026	Kaemkhola Hula	2.71 (90.48%)	2.83 (94.44%)	3.00 (100.00%)	2.82 (94.12%)	Α	С
473027	Kanthaltala Gondhamari	2.86 (95.24%)	2.67 (88.89%)	3.00 (100.00%)	2.82 (94.12%)	Α	
473028	Kasiradanga	2.43 (80.95%)	1.83 (61.11%)	2.00 (66.67%)	2.12 (70.59%)	В	С
473029	Katamari Gopalkhali	2.57 (85.71%)	2.50 (83.33%)	2.75 (91.67%)	2.59 (86.27%)	Α	В
473030	Katianagla	2.29 (76.19%)	3.00 (100.00%)	3.00 (100.00%)	2.71 (90.20%)	А	В
473031	Khalsibunia	2.43 (80.95%)	2.67 (88.89%)	2.75 (91.67%)	2.59 (86.27%)	А	
473032	Kismat Phultala	2.57 (85.71%)	2.50 (83.33%)	2.75 (91.67%)	2.59 (86.27%)	Α	
473033	Mailmara	2.43 (80.95%)	2.67 (88.89%)	3.00 (100.00%)	2.65 (88.24%)	А	В
473034	Maitbhanga -Bhennabunia	2.71 (90.48%)	1.83 (61.11%)	2.00 (66.67%)	2.24 (74.51%)	В	
473035	Masiar Danga	2.43 (80.95%)	2.50 (83.33%)	3.00 (100.00%)	2.59 (86.27%)	А	
473036	Par Batiaghata-Baruirabad	2.43 (80.95%)	2.67 (88.89%)	2.75 (91.67%)	2.59 (86.27%)	А	

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	WMG ID Name of WMG	t	rogress of WMGs o 3 Progress Leve nd achievement in	els	Average	Level of WMG performance (indicated by letter grades)	
		Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
473037	Par Salua	2.43 (80.95%)	2.00 (66.67%)	2.50 (83.33%)	2.29 (76.47%)	В	
473038	Phultala	2.71 (90.48%)	2.83 (94.44%)	2.75 (91.67%)	2.76 (92.16%)	А	В
473039	Sukhdara (Purba)	2.57 (85.71%)	2.00 (66.67%)	2.75 (91.67%)	2.41 (80.39%)	А	
473040	Titukhali -Partitukhali	2.57 (85.71%)	2.17 (72.22%)	2.00 (66.67%)	2.29 (76.47%)	В	



#### 4.3 Polder 43/2D

As per their own assessment, 24 out of 28 WMGs of this polder belong to 2 top performance groups, with 14 of them in the highest level of performance/progress. The Polder Team's assessment fully matches with WMGs' self-assessment. This is one of the four polders -others being Polders 22, 30 and 43/2F- that are excelling in terms of number of WMGs falling under 2 top performance groups. However, the participatory monitoring results show that most WMGs are weak with regard to the outcome challenge labeled as 'O&M fund creation' and some WMGs report that they are weak in 'collective actions for agricultural activities'.

		t	rogress of WMGs of 3 Progress Level achievement in	S	Average score (out of	Level of WMG performance (indicated by letter grades)	
SI. No.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2D1	Abad Hajikhali	2.43 (80.95%)	2.83 (84.44%)	3.00 (100.00%)	2.71 (90.20%)	А	
7843_2D2	Ballabhpur	2.14 (71.43%)	1.83 (61.11%)	1.50 (50.00%)	1.88 (62.75%)	С	
7843_2D3	Bara Auliapur Purba	2.29 (76.19%)	1.83 (61.11%)	3.00 (100.00%)	2.29 (76.47%)	В	
7843_2D4	Bara Auliapur Uttar	2.43 (80.95%)	1.83 (61.11%)	2.25 (75.00%)	2.18 (72.55%)	В	
7843_2D5	Barunbaria	2.29 (76.19%)	2.83 (84.44%)	3.00 (100.00%)	2.65 (88.24%)	А	
7843_2D7	Chamta	2.29 (76.19%)	1.67 (55.56%)	1.75 (58.33%)	1.94 (64.71%)	С	
7843_2D8	Charabunia	2.29 (76.19%)	2.67 (88.89%)	3.00 (100.00%)	2.59 (86.27%)	А	
7843_2D9	Chhota Auliapur Dakshin	3.00 (100.00%)	2.83 (84.44%)	3.00 (100.00%)	2.94 (98.04%)	А	
7843_2D10	Choto Auliapur Uttar	2.43 (80.95%)	2.50 (83.33%)	3.00 (100.00%)	2.59 (86.27%)	А	



		t	rogress of WMGs of a Progress Level nd achievement in	S	Average score (out of	perfor	of WMG mance letter grades)
SI. No.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2D11	Dakshin Bazarghona	2.29 (76.19%)	2.33 (77.78%)	2.50 (83.33%)	2.35 (78.43%)	В	
7843_2D12	Dakshin Hajikhali	2.00 (66.67%)	2.33 (77.78%)	2.25 (75.00%)	2.18 (72.55%)	В	
7843_2D13	Dakshin Marichbunia	2.43 (80.95%)	2.83 (84.44%)	2.50 (83.33%)	2.59 (86.27%)	А	
7843_2D14	Dibuapur	2.00 (66.67%)	2.00 (66.67%)	2.50 (83.33%)	2.12 (70.59%)	В	
7843_2D15	Keshabpur	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	
7843_2D16	Pakshia	2.29 (76.19%)	2.33 (77.78%)	3.00 (100.00%)	2.47 (82.35%)	Α	
7843_2D17	Paschim Pancha Koralia	2.43 (80.95%)	2.00 (66.67%)	2.25 (75.00%)	2.24 (74.51%)	В	
7843_2D18	Paschim Sarikkhali	2.43 (80.95%)	2.50 (83.33%)	2.50 (83.33%)	2.47 (82.35%)	Α	
7843_2D19	Patukhali	2.86 (95.24%)	3.00 (100.00%)	3.00 (100.00%)	2.94 (98.04%)	А	
7843_2D20	Purba Auliapur	2.14 (71.43%)	2.00 (66.67%)	3.00 (100.00%)	2.29 (76.47%)	В	
7843_2D21	Purba Gerakhali	2.29 (76.19%)	2.00 (66.67%)	2.25 (75.00%)	2.18 (72.55%)	В	
7843_2D22	Purba Gerakhali Uttar	2.29 (76.19%)	2.33 (77.78%)	2.25 (75.00%)	2.29 (76.47%)	В	
7843_2D23	Purba Marichbunia	3.00 (100.00%)	2.83 (84.44%)	3.00 (100.00%)	2.94 (98.04%)	А	
7843_2D24	Purba Pancha Koralia	2.71 (90.48%)	2.50 (83.33%)	3.00 (100.00%)	2.71 (90.20%)	А	

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		t	Progress of WMGs of a Progress Level and achievement in	s	Average score (out of	Level of WMG performance (indicated by letter grades)	
SI. No.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2D26	Sankarpur	2.29 (76.19%)	2.50 (83.33%)	3.00 (100.00%)	2.53 (84.31%)	Α	
7843_2D27	Tafalbaria	2.29 (76.19%)	2.67 (88.89%)	3.00 (100.00%)	2.59 (86.27%)	Α	
7843_2D28	Thangai	2.14 (71.43%)	2.17 (72.22%)	2.50 (83.33%)	2.24 (74.51%)	В	
7843_2D29	Uttar Bahalgachia	2.00 (66.67%)	1.67 (55.56%)	1.75 (58.33%)	1.82 (60.78%)	С	
7843_2D30	Uttar Bazarghona	3.00 (100.00%)	3.00 (100.00%)	3.00 (100.00%)	3.00 (100.00%)	А	



#### 4.4 Polder 43/2F

As per their own assessment, 25 out of 27 WMGs of this polder belong to 2 top performance groups, with 11 of them in the highest level of performance. In Polder Team's assessment, however, 26 WMGs belong to the top 2 performance groups, with 14 of them in the highest performance group. This is one of the four polders -others being Polders 22, 30 and 43/2D- that are excelling in terms of number of WMGs falling under 2 top performance groups. Though the overall ratings of most WMGs are commendable, they identify their weakness especially with respect to 'collective actions for agricultural activities' and 'O&M fund creation'.

		0 1	Progress of WMGs to 3 Progress Lev nd achievement in	els	Average score (out of	Level of WMG performance (indicated by letter grades)	
WMG ID.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
0443_2F1	Bainbuna	2.14 (71.43%)	2.00 (66.67%)	2.50 (83.33%)	2.18 (72.55%)	В	
0443_2F2	Bazarkhali	0.57 (19.05%)	0.83 (27.78%)	0.75 (25.00%)	0.71 (23.53%)	E	
0443_2F3	Dakshin Angulkata	3.00 (100.00%)	2.83 (94.44%)	3.00 (100.00%)	2.94 (98.04%)	Α	
0443_2F4	Dakshin Dalachara	2.71 (90.48%)	2.50 (83.33%)	3.00 (100.00%)	2.71 (90.20%)	Α	
0443_2F5	Dakshin Gojkhali	2.57 (85.71%)	2.67 (88.89%)	3.00 (100.00%)	2.71 (90.20%)	Α	
0443_2F6	Dakshin Gulisakhali	2.29 (76.19%)	2.17 (72.22%)	2.75 (91.67%)	2.35 (78.43%)	В	
0443_2F7	Dakshin Haridrabaria	2.43 (80.95%)	2.17 (72.22%)	1.75 (58.33%)	2.18 (72.55%)	В	
0443_2F8	Dakshin Khekuani	2.57 (85.71%)	2.00 (66.67%)	2.75 (91.67%)	2.41 (80.39%)	Α	В
0443_2F9	Dakshin-Paschim Kalibari	2.86 (95.24%)	2.67 (88.89%)	2.75 (91.67%)	2.76 (92.16%)	Α	



		0 1	Progress of WMGs to 3 Progress Lev nd achievement in	els	Average score (out of	Level of WMG (indicated by	
WMG ID.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
0443_2F10	Dakshin-Purba Kalbari	2.86 (95.24%)	2.83 (94.44%)	3.00 (100.00%)	2.88 (96.08%)	А	,
0443_2F11	Deppur	2.00 (66.67%)	2.17 (72.22%)	2.50 (83.33%)	2.18 (72.55%)	В	
0443_2F12	Fakirkhali-Gojkhali	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	В
0443_2F13	Madhya Dalachara	2.29 (76.19%)	2.17 (72.22%)	2.25 (75.00%)	2.24 (74.51%)	В	Α
0443_2F14	Madhya Gulisakhali	2.14 (71.43%)	2.17 (72.22%)	2.50 (83.33%)	2.24 (74.51%)	В	
0443_2F15	Madhya Kalagachia	2.00 (66.67%)	2.17 (72.22%)	2.50 (83.33%)	2.18 (72.55%)	В	
0443_2F16	Paschim Kalagachia	2.14 (71.43%)	2.00 (66.67%)	2.75 (91.67%)	2.24 (74.51%)	В	
0443_2F17	Paschim Kalagachia Paschim	2.14 (71.43%)	2.17 (72.22%)	2.75 (91.67%)	2.29 (76.47%)	В	
0443_2F18	Purba Gulisakhali	2.43 (80.95%)	2.00 (66.67%)	2.50 (83.33%)	2.29 (76.47%)	В	Α
0443_2F19	Uttar Angulkata	2.71 (90.48%)	2.67 (88.89%)	2.75 (91.67%)	2.71 (90.20%)	А	
0443_2F20	Uttar Dalachara	2.29 (76.19%)	2.50 (83.33%)	2.75 (91.67%)	2.47 (82.35%)	А	
0443_2F21	Uttar Dalachara Uttar	2.43 (80.95%)	2.00 (66.67%)	2.50 (83.33%)	2.29 (76.47%)	В	Α
0443_2F22	Uttar Gojkhali	2.43 (80.95%)	2.00 (66.67%)	2.75 (91.67%)	2.35 (78.43%)	В	А
0443_2F23	Uttar Gulisakhali	2.29 (76.19%)	2.00 (66.67%)	2.75 (91.67%)	2.29 (76.47%)	В	



		Theme-wise Progress of WMGs on a Scale of 0 to 3 Progress Levels (and achievement in %)			Average score (out of		MG performance by letter grades)	
WMG ID.	VMG ID. Name of WMG		Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)	
0443_2F24	Uttar Haridrabaria	2.29 (76.19%)	2.33 (77.78%)	2.75 (91.67%)	2.41 (80.39%)	Α	В	
0443_2F25	Uttar Kalibari-Bazarghona	2.14 (71.43%)	2.17 (72.22%)	2.50 (83.33%)	2.24 (74.51%)	В	А	
0443_2F26	Uttar Khekuani	2.86 (95.24%)	2.50 (83.33%)	2.75 (91.67%)	2.71 (90.20%)	Α		
0443_2F27	Uttar Purba Kalagachia	2.71 (90.48%)	2.50 (83.33%)	2.75 (91.67%)	2.65 (88.24%)	А		



#### 4.5 Polder 43/2A

As per their own assessment, 3 out of 22 WMGs of this polder belong to top 2 performance groups, with 1of them in the highest performance level, and in Polder Team's assessment 7 WMGs belong to the top 2 performance groups. Considering the fact that this is one of the old polders, one would expect more WMGs in the top 2 performance groups. The results of self-assessment of WMGs seem to indicate that (benefit of) collective actions in agricultural activities are not generally occurring here. Other outcome challenges identified by a number of WMGs as poor performance areas are 'creation of O&M fund' and 'water management partnership with BWDB and UP'; .The WMGs also report that there has been not enough maintenance of water management infrastructures by BWDB.

		Theme-wise Pro	gress of WMGs o	n a Scale of 0 to 3		Level c	of WMG
			Progress Levels		Average	perfor	mance
		(aı	(and achievement in %)			(indicated by	letter grades)
SI. No.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2A1	Bhajna	1.86 (61.90%)	1.50 (50.00%)	2.00 (66.67%)	1.76 (58.82%)	D	
7843_2A2	Dakshin Bighai Dakshin	2.43	2.50	2.75	2.53		
1045_2/12	Daksiiii bigilai baksiiii	(80.95%)	(83.33%)	(91.67%)	(84.31%)	A	
7843_2A3	Dakshin Bighai Uttar	1.71	0.83	0.50	1.12	Е	
		(57.14%)	(27.78%)	(16.67%)	(37.25%)	_	
7843_2A4	Dakshin Titkata	2.00 (66.67%)	2.00 (66.67%)	2.25 (75.00%)	2.06 (68.63%)	С	
7843_2A5	Haritakibaria	1.86 (61.90%)	1.50 (50.00%)	1.50 (50.00%)	1.65 (54.90%)	D	
7843_2A6	Kumarkhali	1.86 (61.90%)	2.00 (66.67%)	2.50 (83.33%)	2.06 (68.63%)	С	
7843_2A7	Madhya Matibhanga	1.71 (57.14%)	1.67 (55.56%)	2.00 (66.67%)	1.76 (58.82%)	D	
7843_2A8	Matibnanga-ChhotaBighai	2.00 (66.67%)	2.00 (66.67%)	2.50 (83.33%)	2.12 (70.59%)	В	



	Name of WMG		gress of WMGs or Progress Levels nd achievement in		Average	Level of WMG performance (indicated by letter grades)	
SI. No.		Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2A9	Nandipara-Madarbunia	1.71 (57.14%)	0.83 (27.78%)	1.50 (50.00%)	1.35 (45.10%)	E	
7843_2A10	Pasaribunia	1.71 (57.14%)	1.67 (55.56%)	2.25 (75.00%)	1.82 (60.78%)	С	
7843_2A11	Paschim Bara Bighai	1.71 (57.14%)	1.17 (38.89%)	2.00 (66.67%)	1.59 (52.94%)	D	
7843_2A12	Paschim Chhota Bighai	1.71 (57.14%)	1.33 (44.44%)	1.50 (50.00%)	1.53 (50.98%)	D	
7843_2A13	Paschim Keowabunia	2.00 (66.67%)	2.00 (66.67%)	2.50 (83.33%)	2.12 (70.59%)	В	
7843_2A14	Paschim Matibhanga	2.00 (66.67%)	1.83 (61.11%)	2.25 (75.00%)	2.00 (66.67%)	С	В
7843_2A15	Paschim Titkata	1.86 (61.90%)	1.33 (44.44%)	2.25 (75.00%)	1.94 (64.71%)	С	
7843_2A16	Patukhali	2.00 (66.67%)	1.33 (44.44%)	2.50 (83.33%)	1.88 (62.75%)	С	В
7843_2A17	Pubra Keowabunia	1.86 (61.90%)	2.00 (66.67%)	2.00 (66.67%)	1.94 (64.71%)	С	
7843_2A18	Pubra Matibhanga	1.86 (61.90%)	1.67 (55.56%)	2.25 (75.00%)	1.88 (62.75%)	С	В
7843_2A19	Purba Bara Bighai	1.86 (61.90%)	1.33 (44.44%)	2.00 (66.67%)	1.88 (62.75%)	С	
7843_2A20	Purba Chhota Bighai	1.86 (61.90%)	1.33 (44.44%)	2.00 (66.67%)	1.71 (56.86%)	D	С
7843_2A21	Purba Titkata	1.86 (61.90%)	1.33 (44.44%)	2.00 (66.67%)	1.88 (62.75%)	С	

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			gress of WMGs or Progress Levels nd achievement in	Average	perfor	of WMG mance letter grades)	
SI. No.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2A22	Tushkhali	1.86 (61.90%)	2.00 (66.67%)	2.50 (83.33%)	2.06 (68.63%)	С	В



#### 4.6 **Polder 29**

As per their own assessment, 27 out of 55 WMGs of this polder which participated in PM exercise, belong to top 2 performance groups, with 5 in the topmost level of performance. One WMG did not participate in PM exercise. The Polder Team thinks that the progress of WMGs is better than what WMGs themselves have shown to have achieved – in the Polder Team's assessment 33 WMGs belong to the top 2 performance groups. The most common outcome challenge or potential target area where many WMGs feel that their performance is poor is 'undertaking collective action in agricultural activities'. Other outcome challenges commonly identified by a number of WMGs as poor performance areas include 'bringing potential cultivable land under cultivation during Kharif-1 and Rabi seasons', 'adoption of modern technologies in poultry and livestock rearing', 'creation of O&M fund', and 'keeping infrastructures free from illegal occupation'.

		į t	Progress of WMGs to 3 Progress Leve nd achievement in	els	Average score (out of		G performance y letter grades)
WMG ID N	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
47291	Akra-BahirAkra	1.57 (52.38%)	1.83 (61.11%)	1.50 (50.00%)	1.65 (54.90%)	D	
47292	Asannagar	2.00 (66.67%)	2.50 (83.33%)	2.50 (83.33%)	2.29 (76.47%)	В	
47293	Baghdari	2.29 (76.19%)	1.50 (50.00%)	2.25 (75.00%)	2.00 (66.67%)	С	
47294	Bakultala	1.86 (61.90%)	1.50 (50.00%)	2.25 (75.00%)	1.82 (60.78%)	С	А
47295	Banda	2.29 (76.19%)	2.00 (66.67%)	2.50 (83.33%)	2.24 (74.51%)	В	
47296	Baniakhali	1.86 (61.90%)	2.17 (72.22%)	2.25 (75.00%)	2.06 (68.63%)	С	
47297	Bara Aria	1.57 (52.38%)	2.00 (66.67%)	2.25 (75.00%)	1.88 (62.75%)	С	
47298	BCG	1.71 (57.14%)	2.83 (94.44%)	2.75 (91.67%)	2.35 (78.43%)	В	



			Progress of WMGs to 3 Progress Leve nd achievement in	els	Average score (out of		IG performance y letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
47299	Bhandar Para	1.57 (52.38%)	1.83 (61.11%)	2.00 (66.67%)	1.76 (58.82%)	D	С
472910	Bhulbaria	1.86 (61.90%)	1.67 (55.56%)	2.25 (75.00%)	1.88 (62.75%)	С	
472911	Britti Bhulbaria	1.86 (61.90%)	2.17 (72.22%)	2.25 (75.00%)	2.06 (68.63%)	С	
472912	Chatchatia	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	В
472913	DGKC	1.86 (61.90%)	2.00 (66.67%)	2.25 (75.00%)	2.00 (66.67%)	С	
472914	Dakshin Kalikapur	2.00 (66.67%)	1.83 (61.11%)	2.00 (66.67%)	1.94 (64.71%)	С	
472915	Dakshin Sarappur	2.14 (71.43%)	2.00 (66.67%)	2.25 (75.00%)	2.12 (70.59%)	В	
472917	Dumuria Dakshin	2.43 (80.95%)	2.67 (88.89%)	2.75 (91.67%)	2.59 (86.27%)	Α	
472918	Dumuria Uttar	1.86 (61.90%)	2.00 (66.67%)	2.00 (66.67%)	1.94 (64.71%)	С	
472919	Gajendrapur Dakshin	1.86 (61.90%)	2.00 (66.67%)	2.00 (66.67%)	1.94 (64.71%)	С	
472920	Gajendrapur Uttar	2.43 (80.95%)	2.33 (77.78%)	2.50 (83.33%)	2.41 (80.39%)	А	
472921	Ghona	2.14 (71.43%)	2.00 (66.67%)	2.50 (83.33%)	2.18 (72.55%)	В	
472922	Hajibunia	1.86 (61.90%)	1.67 (55.56%)	2.25 (75.00%)	1.88 (62.75%)	С	
472923	Jabra	2.86 (95.24%)	1.83 (61.11%)	2.50 (83.33%)	2.41 (80.39%)	А	



WMG ID	Name of WMG	Theme-wise Progress of WMGs on a Scale of 0 to 3 Progress Levels (and achievement in %)			Average score (out of	Level of WMG performance (indicated by letter grades)	
		Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
472924	Jhaltala	2.00 (66.67%)	1.83 (61.11%)	1.75 (58.33%)	1.88 (62.75%)	С	В
472925	Kagaji Para	2.14 (71.43%)	2.50 (83.33%)	2.25 (75.00%)	2.29 (76.47%)	В	
472926	Kanchan Nagar	2.14 (71.43%)	1.67 (55.56%)	2.25 (75.00%)	2.00 (66.67%)	С	В
472927	Kapalidanga	2.00 (66.67%)	2.17 (72.22%)	2.25 (75.00%)	2.12 (70.59%)	В	
472928	KDC	1.57 (52.38%)	1.67 (55.56%)	2.25 (75.00%)	1.76 (58.82%)	D	
472929	Keakhali	2.43 (80.95%)	2.00 (66.67%)	2.75 (91.67%)	2.35 (78.43%)	В	
472930	Kharibunia	2.57 (85.71%)	1.83 (61.11%)	2.00 (66.67%)	2.18 (72.55%)	В	
472931	Kharsanda	2.57 (85.71%)	2.17 (72.22%)	2.25 (75.00%)	2.35 (78.43%)	В	
472932	Kodla Mathbari	1.71 (57.14%)	1.83 (61.11%)	2.50 (83.33%)	1.94 (64.71%)	С	В
472933	Kukhia	2.14 (71.43%)	2.00 (6.67%)	2.25 (75.00%)	2.12 (70.59%)	В	
472934	Lahaidanga	2.14 (71.43%)	2.33 (77.78%)	2.75 (91.67%)	2.35 (78.43%)	В	
472935	Maikhali	2.29 (76.19%)	2.00 (66.67%)	2.25 (75.00%)	2.18 (72.55%)	В	
472936	Noakhati	2.14 (71.43%)	2.50 (83.33%)	2.25 (75.00%)	2.29 (76.47%)	В	
472937	Orabunia - Rajnagar	1.43 (47.62%)	1.83 (61.11%)	2.50 (83.33%)	1.82 (60.78%)	С	



WMG ID	Name of WMG	f	Progress of WMGs to 3 Progress Leve nd achievement in	els	Average score (out of max. score 3) and overall achievement in %	Level of WMG performance (indicated by letter grades)	
		Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership		Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
472938	Perikhali - ChakSonadanga	2.43 (80.95%)	2.50 (83.33%)	2.25 (75.00%)	2.41 (80.39%)	А	
472939	Rajapur	2.14 (71.43%)	2.00 (66.67%)	2.25 (75.00%)	2.12 (70.59%)	В	
472940	Rajibpur Dakshin Mahal	1.71 (57.14%)	2.00 (66.67%)	2.25 (75.00%)	1.94 (64.71%)	С	
472941	Ratankhali	1.86 (61.90%)	2.50 (83.33%)	2.50 (83.33%)	2.24 (74.51%)	В	
472942	Sahas Ghoshgati	1.71 (57.14%)	2.17 (72.22%)	2.50 (83.33%)	2.06 (68.63%)	С	
472943	Sahas Madhyapara	2.29 (76.19%)	2.33 (77.78%)	2.50 (83.33%)	2.35 (78.43%)	В	
472944	Sahas Joykhali	2.14 (71.43%)	1.50 (50.00%)	1.50 (50.00%)	1.76 (58.82%)	D	
472945	Sahas Kumarghata	1.86 (61.90%)	1.83 (61.11%)	1.75 (58.33%)	1.82 (60.78%)	С	
472946	Sambhunagar	1.71 (57.14%)	2.00 (66.67%)	2.25 (75.00%)	1.94 (64.71%)	С	В
472947	Senpara	2.00 (66.67%)	2.67 (88.89%)	2.50 (83.33%)	2.35 (78.43%)	В	
472948	Sundar Mahal Paschim	2.00 (66.67%)	2.17 (72.22%)	2.25 (75.00%)	2.12 (70.59%)	В	
472949	Sundar Mahal Purba	1.43 (47.62%)	2.67 (88.89%)	2.00 (66.67%)	2.00 (66.67%)	С	
472950	Taiabpur	1.86 (61.90%)	2.00 (66.67%)	2.50 (83.33%)	2.06 (68.63%)	С	
472951	Taltala Kusarhula	2.14 (71.43%)	2.33 (77.78%)	2.25 (75.00%)	2.24 (74.51%)	В	_



WMG ID	Name of WMG	f	Progress of WMGs to 3 Progress Leve nd achievement in	els	Average score (out of max. score 3) and overall achievement in %	Level of WMG performance (indicated by letter grades)	
		Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership		Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
472952	Telikhali	2.43 (80.95%)	2.50 (83.33%)	2.25 (75.00%)	2.41 (80.39%)	А	
472953	Ula Charail	2.43 (80.95%)	1.50 (50.00%)	2.50 (83.33%)	2.12 (70.59%)	В	
472954	Ula Dakshin	2.14 (71.43%)	1.67 (55.56%)	2.25 (75.00%)	2.00 (66.67%)	С	
472955	Uttar Kalikapur	2.29 (76.19%)	2.00 (66.67%)	2.50 (83.33%)	2.24 (74.51%)	В	
472956	Uttar Sarappur	1.71 (57.14%)	1.33 (44.44%)	2.00 (66.67%)	1.65 (54.90%)	D	С



#### 4.7 Polder 43/1A

As per their own assessment, 5 out of 14 WMGs of this polder belong to 2 top performance groups, with 2 of them in grade 'A' progress level. In Polder Team's assessment, however, 8 WMGs belong to the top 2 performance groups. The participatory monitoring results show that most WMGs of the polder feel that they are weak with respect to outcome challenges under water management theme, especially as regards 'creation of O&M fund', 'water management partnership with BWDB and UP' and 'participation in operation and maintenance'. The WMGs also report that there has been not enough maintenance of water management infrastructures by BWDB.

WMG ID	Name of WMG	Theme-wise Progress of WMGs on a Scale of 0 to 3 Progress Levels (and achievement in %)			Average	Level of WMGperformance (indicated by letter grades)	
		Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures )	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessmen t (indicated where it differs)
0443_1A1	Chowla	2.43 (80.95%)	1.50 (50.00%)	2.25 (75.00%)	2.06 (68.63%)	С	В
0443_1A2	Dakshin Atharagashia	2.57 (85.71%)	1.17 (38.89%)	2.25 (75.00%)	2.00 (66.67%)	С	В
0443_1A3	Dakshin Sonakhali	2.29 (76.19%)	2.00 (66.67%)	2.00 (66.67%)	2.12 (70.59%)	В	
0443_1A4	Khagdon	2.14 (71.43%)	1.33 (44.44%)	2.00 (66.67%)	1.82 (60.78%)	С	
0443_1A5	Paschim Atharagashia	2.14 (71.43%)	1.17 (38.89%)	1.75 (58.33%)	1.71 (56.86%)	D	С
0443_1A6	Paschim Keowabunia	2.00 (66.67%)	1.00 (33.33%)	1.75 (58.33%)	1.59 (52.94%)	D	С
0443_1A7	Paschim Sakharia	2.14 (71.43%)	2.17 (72.22%)	2.25 (75.00%)	2.18 (72.55%)	В	
0443_1A8	Paschim Sonakhali	2.14 (71.43%)	1.50 (50.00%)	2.50 (83.33%)	2.00 (66.67%)	С	



		to	ogress of WMGs 3 Progress Level d achievement in	Average	WMGper	by letter	
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures )	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessmen t (indicated where it differs)
0443_1A9	Purba Chunakhali	2.00 (66.67%)	1.00 (33.33%)	2.00 (66.67%)	1.65 (54.90%)	D	
0443_1A10	Purba Keowabunia	2.57 (85.71%)	2.17 (72.22%)	2.75 (91.67%)	2.47 (82.35%)	А	
0443_1A11	Purba Sakharia	2.43 (80.95%)	2.33 (77.78%)	2.50 (83.33%)	2.41 (80.39%)	А	
0443_1A12	Roybala	2.43 (80.95%)	2.17 (72.22%)	2.50 (83.33%)	2.35 (78.43%)	В	
0443_1A13	Uttar Atharagashia	2.00 (66.67%)	1.33 (44.44%)	2.00 (66.67%)	1.76 (58.82%)	D	В
0443_1A14	Uttar Sonakhali	2.29 (76.19%)	1.17 (38.89%)	1.75 (58.33%)	1.76 (58.82%)	D	



#### 4.8 Polder 43/2B

As per their own assessment, 11 out of 28 WMGs of this polder belong to top 2 performance groups, with 7 of them in the highest level of performance. In Polder Team's assessment, however, 13 WMGs belong to the top 2 performance groups. The participatory monitoring results show that an outcome challenge of which many WMGs feel that their performance is poor is 'undertaking collective action in agricultural activities'; other outcome challenges commonly identified by a number of WMGs as poor performance areas include 'adoption of modern technology in poultry and livestock rearing'; adoption of modern technology in fish cultivation', 'bringing under cultivation the potential cultivable lands during Kharif-1 & Rabi seasons', 'O&M fund creation' and 'water management partnership with BWDB and UP'.

		t	rogress of WMGs of 3 Progress Levels	S	Average	Level of WMG performance (indicated by letter grades)	
SI. No.	Name of WMG	Agriculture and economic development	Water Wanagement (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessme nt by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2B1	Algi-Chhailtabunia	2.57 (85.71%)	2.83 (94.44%)	2.75 (91.67%)	2.71 (90.20%)	А	
7843_2B2	Algi-Tafalbaria	2.00 (66.67%)	2.00 (66.67%)	2.25 (75.00%)	2.06 (68.63%)	С	
7843_2B3	Alor Dishari	2.14 (71.43%)	1.33 (44.44%)	3.00 (100.00%)	2.06 (68.63%)	С	
7843_2B4	Balaikati	1.14 (38.10%)	1.00 (33.33%)	1.50 (50.00%)	1.18 (39.22%)	E	
7843_2B5	Bhangra	1.43 (47.62%)	1.33 (44.44%)	2.00 (66.67%)	1.53 (50.98%)	D	
7843_2B6	Chingaria-Dakshin Balaikati	1.14 (38.10%)	1.00 (33.33%)	1.50 (50.00%)	1.18 (39.22%)	E	
7843_2B7	Dakshin Amkhola	2.43 (80.95%)	2.67 (88.89%)	2.75 (91.67%)	2.59 (86.27%)	Α	
7843_2B8	Dakshin-Paschim Badura	2.57 (85.71%)	2.33 (77.78%)	2.50 (83.33%)	2.47 (82.35%)	Α	
7843_2B9	Dakshin-Purba Badura	2.29 (76.19%)	2.33 (77.78%)	2.50 (83.33%)	2.35 (78.43%)	В	



		t	rogress of WMGs of 3 Progress Levels achievement in 6	S	Average score (out of	perfo	of WMG ormance y letter grades)
SI. No.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessme nt by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2B10	Dakshin-Purba Gol Banshbunia	2.29 (76.19%)	1.83 (61.11%)	2.25 (75.00%)	2.12 (70.59%)	В	
7843_2B11	Dari Baherchar	2.43 (80.95%)	2.33 (77.78%)	2.50 (83.33%)	2.41 (80.39%)	А	
7843_2B12	Garabunia	1.14 (38.10%)	1.00 (33.33%)	2.00 (66.67%)	1.29 (43.14%)	Е	
7843_2B13	GolBauria	2.00 (66.67%)	2.00 (66.67%)	2.25 (75.00%)	2.06 (68.63%)	С	В
7843_2B14	Kalai Kishore	2.00 (66.67%)	2.00 (66.67%)	2.25 (75.00%)	2.06 (68.63%)	С	
7843_2B15	Kanchanbaria-Khantakhali	2.00 (66.67%)	1.83 (61.11%)	2.25 (75.00%)	2.00 (66.67%)	С	В
7843_2B16	Madhya Amkhola	1.86 (61.90%)	2.00 (66.67%)	2.25 (75.00%)	2.00 (66.67%)	С	
7843_2B17	Madhya Chhailabunia	2.57 (85.71%)	2.67 (88.89%)	2.75 (91.67%)	2.65 (88.24%)	А	
7843_2B18	Mushurikathi	2.57 (85.71%)	2.83 (94.44%)	2.50 (83.33%)	2.65 (88.24%)	А	
7843_2B19	Nijsuhari-Dakshin Chhailabunia	1.57 (52.38%)	1.83 (61.11%)	2.25 (75.00%)	1.82 (60.78%)	С	
7843_2B20	Purba Badura	2.57 (85.71%)	2.67 (88.89%)	2.75 (91.67%)	2.65 (88.24%)	А	
7843_2B21	Purba Sonakhali	1.86 (61.90%)	1.83 (61.11%)	2.25 (75.00%)	1.94 (64.71%)	С	В
7843_2B22	Ramanada	1.57 (52.38%)	1.50 (50.00%)	2.25 (75.00%)	1.71 (56.86%)	D	
7843_2B23	Ramdula	1.57 (52.38%)	2.00 (66.67%)	2.25 (75.00%)	1.88 (62.75%)	С	



		t	rogress of WMGs of a Progress Levels a Chieve ment in the contraction of the contract in the c	S	Average score (out of	perfo	of WMG ormance y letter grades)
SI. No.	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessme nt by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2B24	Suhari Mini Polder	1.14 (38.10%)	1.00 (33.33%)	1.50 (50.00%)	1.18 (39.22%)	E	
7843_2B25	Uttar Amkhola	1.43 (47.62%)	1.83 (61.11%)	2.25 (75.00%)	1.65 (54.90%)	D	
7843_2B26	Uttar Badura	2.14 (71.43%)	2.00 (66.67%)	2.25 (75.00%)	2.12 (70.59%)	В	С
7843_2B27	Uttar Chhailabunia	2.00 (66.67%)	2.00 (66.67%)	2.00 (66.67%)	2.00 (66.67%)	С	
7843_2B28	Uttar-Paschim Gol Banshbunia	2.29 (76.19%)	2.17 (72.22%)	2.50 (83.33%)	2.29 (76.47%)	В	



#### 4.9 Polder 43/2E

In their own assessment, out of 12 WMGs of the polder, no WMG is ranked at grade 'A' while performance level of 4 WMGs is of grade 'B'; considering the fact that this is one of the old polders, one would expect to see at least some WMGs in the top performance groups. Among other WMGs 4 are of grade 'C' and 4 are of grade 'D'. The participatory monitoring results show that a number of WMGs of the polder feel that they are weak with respect to the outcome challenges under water management theme, especially 'creation of O&M fund', 'participation in operation of water management infrastructure through cash/kind contribution', 'participation in routine maintenance of infrastructure', and 'water management partnership with BWDB and UP'; the WMGs also report that there has been not enough maintenance of water management infrastructures by BWDB. The self-assessment results also show that a number of WMGs are weak with respect to 'adoption of modern technologies for poultry and livestock rearing' and 'adoption of modern technologies for fish cultivation'.

		0 1	Progress of WMGs to 3 Progress Level and achievement in	els	Average score (out of	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2E1	Char Jainkati Paschim	2.14 (71.43%)	1.67 (55.56%)	2.25 (75.00%)	2.00 (66.67%)	С	
7843_2E2	Char Jainkati Purba	1.86 (61.90%)	1.17 (38.89%)	2.25 (75.00%)	1.71 (56.86%)	D	
7843_2E3	Dakshin Sehakati Dakshin	2.29 (76.19%)	2.00 (66.67%)	3.00 (100.00%)	2.35 (78.43%)	В	
7843_2E4	Dakshin Sehakati Uttar	2.14 (71.43%)	2.33 (77.78%)	2.50 (83.33%)	2.29 (76.47%)	В	
7843_2E5	Fedainagar	2.29 (76.19%)	1.83 (61.11%)	2.50 (83.33%)	2.18 (72.55%)	В	
7843_2E6	Katura Taluk	2.29 (76.19%)	1.83 (61.11%)	2.75 (91.67%)	2.24 (74.51%)	В	
7843_2E7	Pirtola	1.86 (61.90%)	1.67 (55.56%)	2.25 (75.00%)	1.88 (62.75%)	С	D



		0 1	Progress of WMGs to 3 Progress Level and achievement in	els	Average score (out of	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7843_2E8	PurbaJainkati Madhya	2.14 (71.43%)	1.33 (44.44%)	2.25 (75.00%)	1.88 (62.75%)	С	
7843_2E9	Purba Jainkati Paschim	2.29 (76.19%)	1.33 (44.44%)	2.50 (83.33%)	2.00 (66.67%)	С	
7843_2E10	Purba Jainkati Purba	1.86 (61.90%)	1.00 (33.33%)	2.00 (66.67%)	1.59 (52.94%)	D	
7843_2E11	Talbaria	1.86 (61.90%)	1.17 (38.89%)	2.25 (75.00%)	1.71 (56.86%)	D	
7843_2E12	Uttar Sehakati	1.86 (61.90%)	1.17 (38.89%)	2.25 (75.00%)	1.71 (56.86%)	D	



#### 4.10 Polder 26

As per their own assessment, 7 out of 15 WMGs of this polder belong to 2 top performance groups, with 1 of them in the highest level of performance. In Polder Team's assessment, however, 11 WMGs belong to the top 2 performance groups, with 4 of them in the highest performance group. The participatory monitoring results show that a number of WMGs of the polder feel that they are weak with respect to some outcome challenges, especially as regards 'creation of O&M fund', and 'collective action for agricultural activities'.

		to	rogress of WMGs o 3 Progress Level nd achievement in	s	Average score (out of		MG performance by letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
47261	Bagmara	2.43 (80.95%)	1.17 (38.89%)	2.25 (75.00%)	1.94 (64.71%)	С	
47262	Balabunia Gopalnagar	2.00 (66.67%)	1.83 (61.11%)	2.50 (83.33%)	2.06 (68.63%)	С	В
47263	Dakshin Chingra	2.14 (71.43%)	1.67 (55.56%)	2.00 (66.67%)	1.94 (64.71%)	С	
47264	Jialtala	2.57 (85.71%)	2.00 (66.67%)	2.50 (83.33%)	2.35 (78.43%)	В	А
47265	Kadamtala	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	В
47266	Kakmari	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	В
47267	Madhya Sovna (Paschim)	2.57 (85.71%)	1.50 (50.00%)	2.50 (83.33%)	2.18 (72.55%)	В	
47268	Madhya Sovna (Purba)	2.29 (76.19%)	1.67 (55.56%)	2.25 (75.00%)	2.06 (68.63%)	С	В
47269	Malmalia	2.57 (85.71%)	2.33 (77.78%)	2.25 (75.00%)	2.41 (80.39%)	Α	
472610	Paschim Sovna (Dakshin)	2.29 (76.19%)	1.33 (44.44%)	2.00 (66.67%)	1.88 (62.75%)	С	



		to	rogress of WMGs of 3 Progress Level achievement in	s	Average score (out of		MG performance by letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
472611	Paschim Sovna (Uttar)	2.29	2.00	2.50	2.24	В	А
		(76.19%)	(66.67%)	(83.33%)	(74.51%)		
472612	Patibunia	2.29	1.83	2.25	2.12	В	
		(76.19%)	(61.11%)	(75.00%)	(70.59%)		
472613	Purba Sovna Paschim	2.29	1.67	2.25	2.06	С	
		(76.19%)	(55.56%)	(75.00%)	(68.63%)		
472614	Shibpur Badurgachha	2.00	2.33	2.50	2.24	В	Α
		(66.67%)	(77.78%)	(83.33%)	(74.51%)		
472615	Uttar Chingra	2.43 (80.95%)	1.83 (61.11%)	2.25 (75.00%)	2.18 (72.55%)	В	



#### **4.11** Polder 31 Part

In their own assessment, out of 12 WMGs of the polder, no WMG is ranked at 'A' grade while performance level of 2 WMGs is of grade 'B'. In Polder Team's assessment also there is no WMG of' A' grade but 7 WMGs have been ranked in grade 'B'.

The participatory monitoring results show that under 'agriculture and economic development' theme a number of WMGs feel that they are weak with respect to the outcome challenges of 'collective actions for agricultural activities' and 'potential cultivable land in Kharif-1 and Rabi seasons are brought under cultivation'. Other areas/outcome challenges where a number of WMGs have poor progress include 'O&M fund creation' and 'keeping water management infrastructures free from illegal occupation'.

		to	rogress of WMGs o 3 Progress Level nd achievement in	ls	Average score (out of		IG performance y letter grades)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
4731P1	Bunarabad Madhya para	2.14 (71.43%)	1.50 (50.00%)	2.00 (66.67%)	1.88 (62.75%)	С	
4731P2	Bunarabad-Goriardanga	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	В
4731P3	Char Danga	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	В
4731P4	Gawghara Madhya para	2.00 (66.67%)	1.67 (55.56%)	2.00 (66.67%)	1.88 (62.75%)	С	
4731P5	Geramari Khal	1.86 (61.90%)	2.00 (66.67%)	2.00 (66.67%)	1.94 (64.71%)	С	
4731P6	Ghater Khal	1.71 (57.14%)	1.67 (55.56%)	2.00 (66.67%)	1.76 (58.82%)	D	В
4731P7	Kechorabad Khal	2.14 (71.43%)	1.83 (61.11%)	2.00 (66.67%)	2.00 (66.67%)	С	В
4731P8	Nondonkhali	2.00 (66.67%)	2.00 (66.67%)	2.50 (83.33%)	2.12 (70.59%)	В	
4731P9	Ralia	2.00 (66.67%)	2.00 (66.67%)	2.50 (83.33%)	2.12 (70.59%)	В	



		te	rogress of WMGs o 3 Progress Level nd achievement in	ls	Average	Level of WMG performance (indicated by letter grades)		
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)	
4731P10	Razakhar Beel	1.86 (61.90%)	2.00 (66.67%)	2.25 (75.00%)	2.00 (66.67%)	С	В	
4731P11	Sanpa-Bara Bhuiya	2.00 (66.67%)	1.83 (61.11%)	2.25 (75.00%)	2.00 (66.67%)	С		
4731P12	Thandamari Khal	1.43 (47.62%)	1.50 (50.00%)	2.25 (75.00%)	1.65 (54.90%)	D	С	



#### 4.12 Polder 2

As per their own assessment, 4 out of 58 WMGs of this polder belong to 2 top performance groups, with 1 of them in the highest level of performance, while 18 WMGs rank themselves in 'E' grade. In Polder Team's assessment, however, 12 WMGs belong to the top 2 performance groups and 6 WMGs in 'E' grade.

Many WMGs of the polder feel that they are weak with respect to a number of outcome challenges, the most common poor performance areas being: 'collective actions for agricultural activities', 'synchronization in crop cultivation', 'participation in operation and maintenance', 'creation of O&M fund', 'formulation and implementation of WAP', and 'partnership with other stakeholders for water management;. The WMGs also report that there has been not enough maintenance of water management infrastructures by BWDB.

			rogress of WMGs o 3 Progress Level nd achievement in	Average score (out	Level of WMG performance (indicated by letter grades)		
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	of max. score 3) and overall achievem ent in %	Self- assessment by WMGs	Polder Team's Assessm ent (indicated where it differs)
8721	Amodkhali khal	1.43 (47.62%)	1.33 (44.44%)	1.50 (50.00%)	1.41 (47.06%)	E	С
8722	Andarmanik khal	2.71 (90.48%)	1.50 (50.00%)	1.75 (58.33%)	2.06 (68.63%)	С	
8723	Baluigachha Dhulihar	1.43 (47.62%)	1.17 (38.89%)	1.50 (50.00%)	1.35 (45.10%)	E	
8724	Baradal Paschim Para	1.86 (61.90%)	1.17 (38.89%)	1.00 (33.33%)	1.41 (47.06%)	Е	
8725	Baradal+Baghdangi	1.57 (52.38%)	1.33 (44.44%)	1.00 (33.33%)	1.35 (45.10%)	E	
8726	Berbari-Tamaltala	1.71 (57.38%)	1.83 (61.11%)	2.00 (66.67%)	1.82 (60.78%)	С	В
8727	Beula Nayeber khal	2.43 (80.95%)	1.00 (33.33%)	1.25 (41.67%)	1.65 (54.90%)	D	



		to	rogress of WMGs of 3 Progress Level and achievement in	S	Average score (out of max.	Level of perforn (indicated grad	nance by letter es)
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score 3) and overall achievem ent in %	Self- assessment by WMGs	Polder Team's Assessm ent (indicated where it differs)
8728	Budhhata Dakshinpara Bakri Beeler khal	2.29 (76.19%)	1.33 (44.44%)	1.25 (41.67%)	1.71 (56.86%)	D	
8729	Budhhata Paschim Para	2.43 (80.95%)	1.67 (55.56%)	1.25 (41.67%)	1.88 (62.75%)	С	
87210	Buramara	1.14 (38.10%)	1.00 (33.33%)	1.50 (50.00%)	1.18 (39.22%)	E	С
87211	Chelar Beeler khal	1.43 (47.62%)	0.67 (22.22%)	1.75 (58.33%)	1.24 (41.18%)	E	D
87212	Dakshin Buramara	1.57 (52.38%)	1.83 (61.11%)	2.25 (75.00%)	1.88 (62.75%)	С	
87213	Dakshin Chapra khal	1.57 (52.38%)	1.33 (44.44%)	1.25 (41.67%)	1.41 (47.06%)	E	D
87214	Damarpota khal	1.86 (61.90%)	1.17 (38.89%)	1.50 (50.00%)	1.53 (50.98%)	D	С
87215	Darar khal	1.57 (52.38%)	1.33 (44.44%)	2.00 (66.67%)	1.59 (52.94%)	D	
87216	Darikkha khal	1.29 (42.86%)	1.50 (50.00%)	1.25 (41.67%)	1.35 (45.10%)	Е	С
87217	Dheghur Beeler khal	1.57 (52.38%)	1.33 (44.44%)	1.75 (58.33%)	1.53 (50.98%)	D	
87218	Dhelkhola khal	2.43 (80.95%)	1.33 (44.44%)	1.50 (50.00%)	1.82 (60.78%)	С	
87219	Dhulihar Nathpara	2.57 (85.71%)	2.00 (66.67%)	2.75 (91.67%)	2.41 (80.39%)	А	
87220	Fatiker Beeler khal	2.57 (85.71%)	2.33 (77.78%)	2.00 (66.67%)	2.35 (78.43%)	В	С



		to	rogress of WMGs of 3 Progress Level and achievement in	S	Average score (out of max.	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score 3) and overall achievem ent in %	Self- assessment by WMGs	Polder Team's Assessm ent (indicated where it differs)
87221	Ghoshkhali Khal	1.57 (52.38%)	2.33 (77.78%)	2.50 (83.33%)	2.12 (70.59%)	В	
87222	Gobindapur Uttar	2.14 (71.43%)	1.33 (44.44%)	1.75 (58.33%)	1.76 (58.82%)	D	
87223	Guddir Beeler khal	2.00 (66.67%)	1.17 (38.89%)	1.25 (41.67%)	1.53 (50.98%)	D	
87224	Hazikhali khal	1.57 (52.38%)	0.83 (27.78%)	1.50 (50.00%)	1.35 (45.10%)	E	С
87225	Himkhali khal	2.43 (80.95%)	2.00 (66.67%)	1.25 (41.67%)	2.00 (66.67%)	С	
87226	Jeala Badhandanga	2.00 (66.67%)	2.00 (66.67%)	1.75 (58.33%)	1.94 (64.71%)	С	В
87227	Jhiyar khal	1.43 (47.62%)	1.50 (50.00%)	2.00 (66.67%)	1.59 (52.94%)	D	
87228	Jordia Eru khal	2.57 (85.71%)	1.33 (44.44%)	1.75 (58.33%)	1.94 (64.71%)	С	В
87229	Jori Beeler khal	2.57 (85.71%)	1.50 (50.00%)	1.75 (58.33%)	2.00 (66.67%)	С	В
87230	Kochuar Beeler khal	2.00 (66.67%)	1.17 (38.89%)	1.50 (50.00%)	1.59 (52.94%)	D	
87231	Koikhalikhal	1.57 (52.38%)	1.17 (38.89%)	2.00 (66.67%)	1.59 (52.94%)	D	В
87232	Kulla Amodkhali khal	1.57 (52.38%)	1.33 (44.44%)	1.50 (50.00%)	1.53 (50.98%)	D	С
87233	Lambadanga Zamirer khal	2.57 (85.71%)	1.33 (44.44%)	1.50 (50.00%)	1.88 (62.75%)	С	



		to	rogress of WMGs o 3 Progress Level nd achievement in	ls	Average score (out	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score 3) and overall achievem ent in %	Self- assessment by WMGs	Polder Team's Assessm ent (indicated where it differs)
87234	Madhya Adahrmanik Khal	1.86 (61.90%)	0.50 (16.67%)	1.25 (41.67%)	1.24 (41.18%)	E	С
87235	Morichchap	1.86 (61.90%)	1.50 (50.00%)	2.00 (66.67%)	1.76 (58.82%)	D	А
87236	Naikati Bottala khal	2.57 (85.71%)	1.83 (61.11%)	1.75 (58.33%)	2.12 (70.59%)	В	
87237	Naoa Para	2.43 (80.95%)	1.67 (55.56%)	1.50 (50.00%)	1.94 (64.71%)	С	
87238	Nobadkhali khal	1.43 (47.62%)	1.50 (50.00%)	1.75 (58.33%)	1.53 (50.98%)	D	В
87239	Pallerchand khal	1.29 (42.86%)	1.33 (44.44%)	1.00 (33.33%)	1.24 (41.18%)	E	С
87240	Paschim Chelar Beeler khal	1.86 (61.90%)	1.67 (55.56%)	2.25 (75.00%)	1.88 (62.75%)	С	D
87241	Pashchim Machhkhola Paschim	1.86 (61.90%)	1.67 (55.56%)	2.00 (66.67%)	1.82 (60.78%)	С	
87242	Pashchim Machhkhola Purba	2.14 (71.43%)	1.33 (44.44%)	1.50 (50.00%)	1.71 (56.86%)	D	С
87243	Purba Amodkhali khal	1.43 (47.62%)	1.00 (33.33%)	1.75 (58.33%)	1.35 (45.10%)	E	С
87244	Purba Buramara khal	1.43 (47.62%)	1.67 (55.56%)	2.00 (66.67%)	1.65 (54.90%)	D	С
87245	Purba Kochuar Beeler khal	1.57 (52.38%)	1.17 (38.89%)	1.75 (58.33%)	1.53 (50.98%)	D	E
87246	Purba Machhkhola Paschim	2.14 (71.43%)	1.50 (50.00%)	2.00 (66.67%)	1.88 (62.75%)	С	



		t	rogress of WMGs o 3 Progress Level nd achievement in	s	Average score (out	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic development	Water Management (Operation and Maintenance of Infrastructures)	Water Management Group and Water Management Partnership	score 3) and overall achievem ent in %	Self- assessment by WMGs	Polder Team's Assessm ent (indicated where it differs)
87247	Purba Machhkhola Purba	2.14 (71.43%)	1.33 (44.44%)	1.50 (50.00%)	1.71 (56.86%)	D	С
87248	Sana Para	2.14 (71.43%)	1.33 (44.44%)	1.00 (33.33%)	1.59 (52.94%)	D	С
87249	Shalley Paschim O Beradangi	1.57 (52.38%)	1.33 (44.44%)	2.25 (75.00%)	1.71 (56.86%)	D	А
87250	Shalley Purba	1.57 (52.38%)	1.17 (38.89%)	1.50 (50.00%)	1.47 (49.02%)	E	
87251	Shimulbaria khal	1.57 (52.38%)	1.00 (33.33%)	1.75 (58.33%)	1.47 (49.02%)	E	D
87252	Shishar Khal	1.57 (52.38%)	1.17 (38.89%)	1.00 (33.33%)	1.35 (45.10%)	E	
87253	Shoilmari Khal	1.57 (52.38%)	0.83 (27.78%)	1.25 (41.67%)	1.24 (41.18%)	E	С
87254	Suparighata O Sana Para	1.57 (52.38%)	1.50 (50.00%)	1.75 (58.33%)	1.65 (54.90%)	D	
87255	Surjakhali khal-02	2.71 (90.48%)	1.33 (44.44%)	1.75 (58.33%)	2.00 (66.67%)	С	В
87256	Surjokhali Khal-01	2.57 (85.71%)	1.33 (44.44%)	1.50 (50.00%)	1.88 (62.75%)	С	
87257	Umarkhali khal	1.57 (52.38%)	1.33 (44.44%)	1.25 (41.67%)	1.41 (47.06%)	Е	D
87258	Uttar Palechand Khal	1.57 (52.38%)	1.00 (33.33%)	2.00 (66.67%)	1.47 (49.02%)	Е	D



#### 4.13 Polder 55/2A

In their own assessment, out of 13 WMGs of the polder, which participated in participatory monitoring exercise, no WMG is ranked in grades 'A' or 'B'. Most (9) of the WMGs are ranked in 'E' grade in their self-assessment, while the Polder Team rank 8 WMGs in 'E' grade. As per their self-assessment, many WMGs of the polder feel that their performance is still poor with respect to most of the outcome challenges under all three themes. Besides, all the WMGs report that there has been not enough maintenance of water management infrastructures by BWDB; water management infrastructures are in poor condition - sluices are not in functional condition and almost all khals are silted up.

		of (	Progress of WM to 3 Progress L nd achievement	.evels	Average	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic developme nt	Water Management (Operation and Maintenance of Infrastructure s)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self-	Polder Team's Assessment (indicated where it differs)
7855_2A1	Akhoibaria Bahermouze	1.57 (52.38%)	1.17 (38.89%)	1.75 (58.33%)	1.47 (49.02%)	E	
7855_2A2	Betagi Chikerbandh	1.43 (47.62%)	0.83 (27.78%)	1.25 (41.67%)	1.18 (39.22%)	Е	
7855_2A3	Betagi Sankipur Radhasetaram	1.14 (38.10%)	1.00 (33.33%)	1.50 (50.00%)	1.18 (39.22%)	Е	
7855_2A4	Bot O Char Balakati Krokmahal	1.86 (61.90%)	1.83 (61.11%)	2.00 (66.67%)	1.88 (62.75%)	С	
7855_2A5	Char Moishadi Sluice	1.43 (47.62%)	1.33 (44.44%)	1.50 (50.00%)	1.41 (47.06%)	E	
7855_2A6	Chownkhola Labilochan Lamna	1.57 (52.38%)	1.17 (38.89%)	1.75 (58.33%)	1.47 (49.02%)	Е	С
7855_2A8	Dharandi Kamlapur Adharsha	2.00 (66.67%)	1.50 (50.00%)	2.00 (66.67%)	1.82 (60.78%)	С	
7855_2A9	Hazirhat Sluice	1.86 (61.90%)	1.50 (50.00%)	1.75 (58.33%)	1.71 (56.86%)	D	



		of 0	Progress of WM to 3 Progress L nd achievement	.evels	Average	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic developme nt	Water Management (Operation and Maintenance of Infrastructure s)	Water Management Group and Water Management Partnership	score (out of max. score 3) and overall achievement in %	Self- assessment by WMGs	Polder Team's Assessment (indicated where it differs)
7855_2A10	Kharija Betagi Sluice	1.43 (47.62%)	1.33	1.75	1.35 (45.10%)	Е	
7855_2A11	Madhya Dharandi Chandipur	1.57 (52.38%)	(44.44%) 1.17 (38.89%)	(58.33%) 1.75 (58.33%)	1.35 (45.10%)	E	
7855_2A12	Naomala Nizbotkazal Bhangra	1.57 (52.38%)	1.17 (38.89%)	1.75 (58.33%)	1.47 (49.02%)	Е	
7855_2A13	Patabunia	2.00 (66.67%)	1.50 (50.00%)	2.00 (66.67%)	1.82 (60.78%)	С	
7855_2A14	Sankipur Moishadi Naomala Adharsha	1.14 (38.10%)	1.17 (38.89%)	1.75 (58.33%)	1.18 (39.22%)	E	



#### 4.14 Polder 55/2C

In their own assessment, out of 16 WMGs of the polder, no WMG is ranked in 'A' grade, while performance level of 4 WMGs is of grade 'B', 7 WMGs of grade 'C' and 5 WMGs of grade 'D'; there is no WMG whose performance level is of 'E' grade. Considering the fact that this is one of the new polders, the progress of WMGs is commendable. In the assessment of the Polder Team the progress of WMGs is even better – 4 WMGs are ranked in grade 'B', 10 WMGs in grade 'C' and 2 WMGs in grade 'D'.

The participatory monitoring results show that a number of WMGs of the polder feel that they are weak with respect to outcome challenges under water management theme, especially 'participation in routine maintenance of infrastructure', and 'water management partnership with BWDB and UP'; the WMGs also report that there has been not enough maintenance of water management infrastructures by BWDB.

		of (	Progress of WMG ) to 3 Progress Level achievement in	/els	Average score (out of	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic developme nt	Water Management (Operation and Maintenance of Infrastructures)	Water Manageme nt Group and Water Manageme nt Partnership	max. score 3) and overall achievement in %	Self- assessme nt by WMGs	Polder Team's Assessment (indicated where it differs)
7855_2C1	Bakulbaria-Kharizza Betagi Sonamiar Khal	2.14 (71.43%)	1.17 (38.89%)	2.00 (66.67%)	1.76 (58.82%)	D	С
7855_2C2	Bashabaria Khal	1.86 (61.90%)	1.67 (55.56%)	2.25 (75.00%)	1.88 (62.75%)	С	
7855_2C3	Bhadrabariar Khal	2.00 (66.67%)	1.33 (44.44%)	2.00 (66.67%)	1.76 (58.82%)	D	
7855_2C4	Budaram Khal	2.14 (71.43%)	2.00 (66.67%)	2.25 (75.00%)	2.12 (70.59%)	В	С
7855_2C5	Chilar Khal	2.14 (71.43%)	1.83 (61.11%)	2.25 (75.00%)	2.06 (68.63%)	С	
7855_2C6	Guabaria-Ranuar Khal	2.14 (71.43%)	1.33 (44.44%)	1.75 (58.33%)	1.76 (58.82%)	D	С



		of (	Progress of WMG to 3 Progress Level achievement in	/els	Average score (out of	Level of WMG performance (indicated by letter grades)	
WMG ID	Name of WMG	Agriculture and economic developme nt	Water Management (Operation and Maintenance of Infrastructures)	Water Manageme nt Group and Water Manageme nt Partnership	max. score 3) and overall achievement in %	Self- assessme nt by WMGs	Polder Team's Assessment (indicated where it differs)
7855_2C7	Kachua-Mohisdanga Khal	2.00 (66.67%)	1.67 (55.56%)	2.25 (75.00%)	1.94 (64.71%)	С	В
7855_2C8	Kalyankalash Prodhan Khal	2.71 (90.48%)	2.00 (66.67%)	2.25 (75.00%)	2.35 (78.43%)	В	
7855_2C9	Kamarkhali Khal	1.86 (61.90%)	1.33 (44.44%)	2.00 (66.67%)	1.71 (56.86%)	D	С
7855_2C10	Katakhali Khal	2.29 (76.19%)	1.33 (44.44%)	2.25 (75.00%)	1.94 (64.71%)	С	
7855_2C11	Kharizzama Khal	2.14 (71.43%)	1.67 (55.56%)	2.25 (75.00%)	2.00 (66.67%)	С	
7855_2C12	Lamna-Guabaria Khal	1.86 (61.90%)	1.33 (44.44%)	2.00 (66.67%)	1.71 (56.86%)	D	
7855_2C13	Madhupura-Denath Khan Khal	2.14 (71.43%)	2.00 (66.67%)	2.25 (75.00%)	2.06 (68.63%)	С	
7855_2C14	Rohitpura Khal	2.43 (80.95%)	2.00 (66.67%)	2.25 (75.00%)	2.24 (74.51%)	В	
7855_2C15	Sutabaria Khal	2.14 (71.43%)	2.00 (66.67%)	2.25 (75.00%)	2.06 (68.63%)	С	
7855_2C16	Ulashir Khal	2.43 (80.95%)	1.67 (55.56%)	2.25 (75.00%)	2.12 (70.59%)	В	



## 5. Final Remarks

- The polder teams observed that in general the WMGs have done well in their self-assessment.
- The feedback from WMGs on the PM format with the revised set of outcome challenges is that
  they feel more comfortable with the revised monitoring parameters than the previous ones;
   WMGs can more easily relate these parameters with realities and activities of their everyday life.
- As a revised set of monitoring parameters have been used for this round of PM, the results of PM
  of this round could not be compared with those of previous rounds and, therefore, the trend of
  progress of WMGs over time could not be traced.
- It is important that participatory monitoring results are discussed and reflected upon by WMGs in their meetings, and make appropriate action plans for improvement; the polder teams should encourage and stimulate the WMGs to do this.
- The polder teams should also stimulate the WMG Executive Committees to share with the general members 'the potential targets of WMG' as reflected in PM format as well as the monitoring results at (annual/quarterly) general meetings of WMGs.
- The most common weakness of WMGs is the least aptitude towards collective actions for agricultural activities, and, as a theme, the water management (i.e., operation and maintenance of infrastructure) is the most unheeded area. The WMGs need to be encouraged to give special attention to these areas.



## Annex-1: Outcome Challenges and Progress Markers

# Blue Gold Program Bangladesh Water Development Board Participatory Monitoring

Name of WMG:		Polder N	O	No.	of HHs in WMG Area:
No. of Participants:- Female:	Male:	(1	Гotal:	) I	Date of Monitoring:

	Outcome Challenges		Pro	ogress Markers			
		0	1	2	3	Score	Remarks
1. A	griculture and economic devel	opment	1		•		
1.1	Male and female farmers of the area have adopted modern agricultural technologies for crop cultivation, including cultivation of high yielding varieties and high value crops, use of modern crop cultivation methods.	Male and female farmers of the area are not showing interest to adopt modern agricultural technologies for crop cultivation.	About 20% male and female farmers of the area have adopted modern agricultural technologies for crop cultivation.	About 40% male and female farmers of the area have adopted modern agricultural technologies for crop cultivation.	About 60% or more male and female farmers of the area have adopted modern agricultural technologies for crop cultivation.		



	Outcome Challenges		Pro	gress Markers			
		0	1	2	3	Score	Remarks
1.3	Male and female farmers of the area have adopted modern technologies for fish cultivation (like preparation of pond, selection of right varieties of fish, fish feed, use of fertilizer and lime, etc),.	Male and female farmers of the area are not showing interest for adoption of modern technologies for fish cultivation.  Male and female	About 20% male and female farmers of the area have adopted modern technologies for fish cultivation	About 40% male and female farmers of the area have adopted modern technologies for fish cultivation	About 60% or more male and female farmers of the area have adopted modern technologies for fish cultivation		
	the area have adopted modern technologies/methods for poultry & livestock rearing. (Technologies of livestock rearing are like giving urea, molasses, straw as feed, deworming, etc; and for poultry rearing – use of hajol, well-ventilated house, separating chicks from mother bird, examining eggs, etc.)	farmers of the area are not showing interest for adoption of modern technologies/ methods for poultry & livestock rearing	and female farmers of the area have adopted modern technologies/ methods for poultry & livestock rearing.	and female farmers of the area have adopted modern technologies/ methods for poultry & livestock rearing.	male and female farmers of the area have adopted modern technologies/ methods for poultry & livestock rearing.		
1.4	Synchronization in cultivation of crops and crop varieties is practiced in the area.	There is no synchronization in cultivation of crops and crop varieties in the area.	In about 20% area there is synchronization in cultivation of crops and crop varieties.	In about 40% area there is synchronization in cultivation of crops and crop varieties.	In about 60% area there is synchronization in cultivation of crops and crop varieties.		
1.5	In Rabi & Kharif-1 seasons (dry months) the potential cultivable lands of the area (i.e. the lands where fresh water is available for crops) are brought under cultivation.	In Rabi & Kharif-1 seasons all potential cultivable landsremain fallow.	About 20% of the potential cultivable lands in dry months are brought under cultivation.	About 40% of the potential cultivable lands in dry months are brought under cultivation.	About 60% of the potential cultivable lands in dry months are brought under cultivation.		
1.6	In Kharif-2/Aman season the potential cultivable lands of the area are brought under	In Kharif-2/Aman season all potential cultivable lands	About 20% of the potential cultivable lands in Kharif-2/	About 40% of the potential cultivable lands in Kharif-2/	About 60% of the potential cultivable lands in Kharif-2/		

	Outcome Challenges		Pro	gress Markers			
		0	1	2	3	Score	Remarks
	(crop or fish) cultivation.	remain fallow.	Aman season are brought under (crop or fish) cultivation.	Aman season are brought under (crop or fish) cultivation.	Aman season are brought under (crop or fish) cultivation.		
1.7	WMG Members/Farmers undertake collective actions for agricultural activities (like collectively organizing for land preparation, buying inputs, irrigation, fish cultivation, etc).	Farmers do not undertake collective actions for agricultural activities.	Only about 10% undertake collective actions for agricultural activities.	About 20% farmers undertake collective actions for agricultural activities.	About 30% or more farmers undertake collective actions for agricultural activities.		
2. W	/ater Management (Operation a	nd Maintenance of Inf	frastructures)				
2.1	BWDB has carried out appropriate maintenance work (i.e. periodic & emergency maintenance) of water management infrastructures (sluice/outlet/inlet/khal) whereby facilities have been created for improved water management.	Water management infrastructures have not been maintained by BWDB for long time.	Water management infrastructures of the area have been partiallymaintained by BWDB but that is much less than the requirement.	Some of the water management infrastructures of the area have been maintained well by BWDB and thus water management facilities have been created for some parts of the area.	All the water management infrastructures of the area have been maintained well by BWDB whereby facilities have created for improved water management for most part of the area.		
2.2	No infrastructure of the area (sluice, embankment, khal, inlet, outlet) is under illegal occupation	The infrastructures of the area (active khal & other infrastructures) are under illegal occupation.	Some of the infrastructures are free from illegal occupation but they are much less than the requirement.	The main infrastructures (sluice, main khal and embankment) of the area are free from illegal occupation; only minor infrastructures are still under illegal occupation.	No infrastructure of the area is under illegal occupation.		
2.3	WMG carries out ` 'Routine Maintenance' of all infrastructures of the area	WMG does not carry out 'Routine Maintenance'.	WMG carries out 'Routine Maintenance' of	WMG carries out ` 'Routine Maintenance' of	WMG carries out ` 'Routine Maintenance' of all		



	Outcome Challenges		Pro	ogress Markers			
	_	0	1	2	3	Score	Remarks
	(like greasing of sluice/outlet/inlet, changing nuts & bolts and cleaning of khal) whereby facilities are created for improved water management.		some infrastructures of the area but that is much less than the requirement.	most infrastructures of the area.	infrastructures of the area whereby facilities are created for improved water management.		
2.4	Local people are participating in the operation of water management infrastructures under the leadership of WMG by contributing necessary resources (cash, materials or labour).	Local people do not participate in the operation of water management infrastructures.	Under the leadership of WMG the local people participate in the operation of some water management infrastructures.	Under the leadership of WMG, the local people participate in the operation of most water management infrastructures.	Under the leadership of WMG, the local people are participating in the operation of all water management infrastructures		
2.5	The WMG has created O&M fund and it uses the fund as per its plan for O&M.	The WMG does not collect O&M fund.	Only a few persons have participated in fund creation for O&M.	Most people of the area participated in fund creation for O&M and they use the fund as required.	The WMG is enriching the O&M fund on a regular basis and it uses the fund as per its plan for O&M.		
2.6	People of the WMG area, under the leadership of WMG and with cooperation of BWDB and UP, take care of water requirements of highland and lowland of the area.	People of the WMG area do not take care of water requirements of highland and lowland.	People of the WMG area, under the leadership of WMG and with cooperation of BWDB and UP, address water requirements of 20% highland and lowland of the area.	People of the WMG area, under the leadership of WMG and withcooperation of BWDB and UP, address water requirements of 40% highland and lowland of the area.	People of the WMG area, under the leadership of WMG and withcooperation of BWDB and UP, address water requirements of 60% or more highland and lowland of the area.		
3. W	ater Management Group and W	ater Management Pa	rtnership				
3.1	WMG has actively formulated the WMG action plan (WAP) and implements it.	WMG has not formulated WAP.	WMG has formulated WAP but is weak in its implementation.	WMG has formulated WAP; but its endeavor or capacity to	WMG has formulated a comprehensive WAP and it implements the WAP.		

Outcome Challenges		Progress Markers					
	_	0	1	2	3	Score	Remarks
				implement the WAP is still limited.			
3.2	The WMG regularly updates its accounts and other books of records and presents them in meetings.	The WMG does not update its accounts and other books of records.	The WMG updates its accounts and other books of records but not on regular basis.	The WMG regularly updates its accounts and other books of records but it does not present the accounts in meetings.	The WMG regularly updates its accounts and other books of records and presents them in meetings.		
3.3	The WMG engages in water management related activities (like planning and implementation of works related to operation & maintenance of water management infrastructures, emergency repair of infrastructures, resolution of conflicts related to water management, etc) jointly with government & nongovernment organizations and LGIs.	The WMG does not do water management related activities, jointly with government & nongovernment organizations and LGIs.	WMG has initiated discussion on joint water management related activities with government & non-government organizations and LGIs.	The WMG sometimes implements water management related activities jointly with government & nongovernment organizations and LGIs.	The WMG engages in water management related activities jointly with government & nongovernment organizations and LGIs.		
3.4	There is no conflict relating to use of water and water management in the WMG area.	There is conflict in the WMG area over the use of water and water management.	There is/are minor conflict(s) relating to use of water and water management in the WMG area but no initiative has been taken yet to resolve it/them.	There is/are minor conflict(s) relating to use of water and water management in the WMG area but initiative has been taken to resolve it/them.	There is no conflict relating to use of water and water management in the WMG area, or conflicts have all been resolved.		