

## Blue Gold Program

Workshop on Validation Catchment Water Management Plan Plan  
Khulna, June 12, 2018

The progress of WMG level O&M planning process has been completed in 123 WMG in Khulna zone within the planned time. From that experience, each of the session for WMG O&M planning process has taken 3 to 4 hours of time. In this session WMG draw their own area maps in the brown paper, analyzed crops & water



management relations, identified water management problems and on that basis they have prepared O&M plan for higher production. In this process the Catchment Committee In each session, the WMG members, Key Farmers, Catchment Committee Members, WMA members and UP members participated and contributed in this analysis and planning process. Please see the bellow table of the total summary of the progress of WMG O&M Planning Process and details are in the attachment.

Polder	# of Catchment	# of WMG		# of attendance			Remarks
		Planned	Completed	M	F	Total	
22	07	12	12	112	37	149	One catchment level O&M Planning Process is organized under Polder 22
26	06	15	15	114	48	162	
29	11	56	56	469	200	669	
30	10	40	40	281	169	450	
<b>Total</b>	<b>34</b>	<b>123</b>	<b>123</b>	<b>976</b>	<b>454</b>	<b>1430</b>	

### Sluice Catchment O&M Planning Process

According to the existing outline, there were 07 Catchment in Polder 22 which considered the sluices, inlets and outlets. Recently it was revised and re-formed in 03 catchments through discussion with the WMA on dated 4th June 2018. The 1<sup>st</sup> workshop on “Sluice Catchment O&M Planning Process has been organized for Gopipagla Sluice Catchment O&M Plan in Polder 22. Under that catchment there were 03 WMG.

### Pre-workshop activity at Gopipagla Catchment, Polder 22 and Kurirbill, Polder 26

We have observed another pre-workshop on Sluice Catch O&M Plan in Kurirbil under Polder 26 on dated 5<sup>th</sup> June 2018. The performance of WMG facilitator was found very good and confident to analyze water management problems and selection of actions for the validation in the catchment workshop. Please see the detail information regarding the participant’s details.

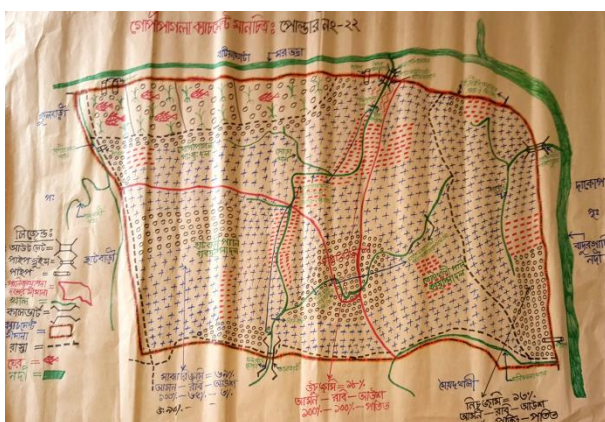
Date	Name of Catchment	WMG	WMA	UP	RF	Catch. Com	Faci.	Total
04.06.18	Gopipagla Pre- workshop	09	01	-	04	04	04	24
05.06.18	Kurirbeel-Pre- workshop	03	01	-	01	03	04	12
06.06.18	Workshop on Sluice Catchment O&M Planning Process – Gopipagla Catchment, Polder 22	07	01	03	01	09	04	25

### Workshop on Sluice Catchment O&M Planning Process – Gopipagla Catchment, Polder 22

Before organizing this catchment level workshop, WMG prepared their WMG area map indicating location of water management infrastructures, present cropping pattern, expected crops and water management problem. After analyzing the crop & water management problems, each WMG prepared their O&M plan in light of expected level of crop production.



According to the process of optimized approach, Gopipagla Catchment committee arranged a pre-workshop where they have picked up actions from each WMG plan, which actions have the common interest/support of other WMG, support required from WMA/UP. Through discussion with the WMG representatives, Catchment Committee, WMA and UP representatives, Sluice Catchment O&M Plan was corrected and validated by the WMA in the workshop.



ক্রমিকক্রম	কার্যক্রম	স্থান	প্রয়োজনীয় উপকরণ/সামগ্রী	সময়	কর্তৃপক্ষ	মন্তব্য
০১	গোপীপাগলা অর্ডার ডেটে	গোপীপাগলা অর্ডার ডেটে	সেবা কক্ষ, কমিউনিটি হাус, স্টোয়ার্স হাус	১০:০০-১২:০০	গোপীপাগলা অর্ডার ডেটে	কমিউনিটি হাусে
০২	সেবার সময়	সেবার সময়	সেবার সময়	১২:০০-১৩:০০	সেবার সময়	সেবার সময়
০৩	সেবার সময়	সেবার সময়	সেবার সময়	১৩:০০-১৪:০০	সেবার সময়	সেবার সময়
০৪	সেবার সময়	সেবার সময়	সেবার সময়	১৪:০০-১৫:০০	সেবার সময়	সেবার সময়
০৫	সেবার সময়	সেবার সময়	সেবার সময়	১৫:০০-১৬:০০	সেবার সময়	সেবার সময়
০৬	সেবার সময়	সেবার সময়	সেবার সময়	১৬:০০-১৭:০০	সেবার সময়	সেবার সময়
০৭	সেবার সময়	সেবার সময়	সেবার সময়	১৭:০০-১৮:০০	সেবার সময়	সেবার সময়
০৮	সেবার সময়	সেবার সময়	সেবার সময়	১৮:০০-১৯:০০	সেবার সময়	সেবার সময়
০৯	সেবার সময়	সেবার সময়	সেবার সময়	১৯:০০-২০:০০	সেবার সময়	সেবার সময়

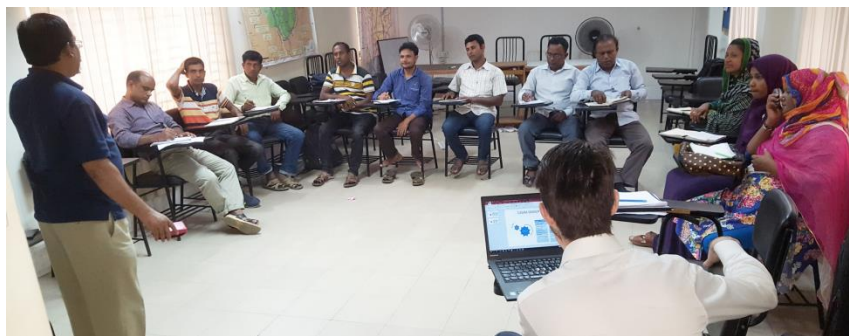
The above map and Sluice Catchment O&M plan has finally developed by the Catchment Committee which really is a great success of Catchment Committee Members/Facilitator. In this half day workshop 07 members from 03 WMG, WMA President, 02 UP members, UP Chairman, 01 RF, 09 members of the Catchment Committee, 04 Facilitator, Total 25 participants attended this workshop. The facilitators confidently presented, interacted and discussed the problems and actions to achieve better crop production. Please see the attached plan which is translated in English. In this plan, out of 09 actions 08

actions are related to the operation and are re-excavation of small canal/khals. Catchment Committee identified only one action for routine maintenance of water management infrastructures.

### **Meeting with Zonal Team, June 06, 2018**

On 6<sup>th</sup> afternoon we sat with the zonal team and Mr. Bart Brookhuis, Water Management Expert presented and clarified the steps and process of Optimized Approach of Sluice Catchment O&M planning Process. He has collected feedbacks on the present Catchment Planning process from the Polder Coordinators and discussed for further improvement. He suggested to the Polder Coordinator to give more attention to make the catchment O&M planning process effective and successful.

### **Experience sharing meeting with CDF, June 07, 2018**



The CDF were invited to join the experience sharing session on 7<sup>th</sup> morning. All the CDF from phased out polders were attended and explained their experiences, advantages on the present O&M planning process, their understanding, limitation and challenges.

According to their opinion following experience are very encouraging. There are some overlapping points though we have recorded all the shared experiences. We also invited to the ZC but due to other emergency he could not attend.

### **Advantages of the Optimized Approach for Sluice Catchment O&M Planning Process:**

1. The WMG Facilitators are collecting information very specifically about crop & water management problems of WMG and preparing WMG O&M Plan, which is appreciable. This is the first time that the WMG understood about the water management for better crops so that they become interested and actively involved in this process.
2. Without any financial support, the facilitators are facilitating the process of WMG based O&M action plan preparation involving farmers which is very exceptional to them. Even all the small issues related to crop & water management is identified and discussed by the WMG members. They are identifying and bringing all kinds of small water management problems to the solution.
3. Being a local people, the WMG, Catchment Committee and Facilitator can easily identify the water related problems as well as root causes of those.
4. As WMG people are identifying and analyzing their water management problem by themselves, as a result it is more acceptable to them, and thus they are taking necessary action for solution. Comparatively there is a maximum possibility to implement these actions. This is a very good process to develop their ownership on the O&M planning process.

5. The activities of WMG area mapping is to identify the different type of land, crop & water management problem & solution and preparation of action plan have responded as earthquake for that many WMG members are actively involved in this planning process.
6. If anyone gives wrong information, another one is making correction so; there is less chance to include wrong information in this plan.
7. To organize such type of activities/process is easier for WMG Facilitator than the CDF. When they find the suitable time even in the evening or night they are seating together and discussing but for CDF, it is not possible, In many cases they observed the WMG are discussing this issue in the tea stall, bazar, under the tree in different places.
8. There is huge involvement of WMG facilitator for developing this O&M planning through the WMG. The same way, it is very difficult for CDF because of their lots of work. On the other hand without food or remuneration no WMG members will involve and spend their time for this planning. During monthly meeting we find very few people (7-8) after a long follow up and they do not stay longer time for the meeting. But this process is amazing that very good numbers of people are participating in this planning process, no one is asking for food or remuneration and spending 3-4 hrs. in one seating. In some cases they find they have spent more than one session for WMG plan preparation.
9. One CDF is responsible to look after 15-20 WMG and have 22 working days and they (CDF) don't get more than one/two times to visit one WMG in a month. They can spend 5% of their total time for WMG capacity building/follow up. In considering that, within very short time it was not possible to collect information and prepare plan which has been done by the WMG facilitator.
10. WMG people are now seriously realizing that it is possible to develop higher crops through the proper operation and maintenance of water management infrastructures. So now they are actively involved in this planning process. In many cases, they have started to communicate with UP Chairman for getting allocation.
11. Through this process WMGs are able to understand the relations between crop and water management for higher production.
12. CDFs are expecting that at least 50-60% planning actions will be implemented from the WMG and catchment O&M plan.
13. Earlier WMG people did not prepare any O&M plan through analysis of cropping pattern and water management (present approach).

#### **Also some Challenges and recommendations**

1. In new polder, we should take initiative to select good facilitator and start this planning process as soon as possible
2. The WMG facilitator needs to sit with WMG/catchment committee at least once or twice time in a month
3. Honorarium is needed for the facilitator otherwise it will not be possible to continue their activities (Implementation phase)
4. It should be specific how long the WMG facilitator will continue their facilitation process