



BANGALADESH WATER DEVELOPMENT BOARD

PROJECT COMPLETION REPORT (PCR)

OF

**Protection of Dakhin Satar Nadirkul & Monipur area under
Chagolnaiya & Fulgazi Upazilla of Feni District from the
Erosion of left Bank of the Muhuri River.**

Name of Division : Feni O&M Division, BWDB, Feni.

Name of Circle : Feni O&M Circle, BWDB, Feni.

Name of Zone : Eastern Zone, BWDB, Cumilla.

Government of the People`s Republic of Bangladesh
Ministry of Planning
Implementation Monitoring and Evaluation Division

PROJECT COMPLETION REPORT: IMED 04

A. PROJECT DESCRIPTION:

01.	Name of the Project	:	Protection of Dakhin Satar Nadirkul & Monipur area under Chagolnaiya & Fulgazi Upazilla of Feni District from the Erosion of left Bank of the Muhuri River..
02.	Admisitrative Ministry /Division	:	Ministry of Water Resources.
03.	Executing Agency	:	Bangladesh Water Development Board.
04.	Location of the Project	:	District: Feni.Upazilla: Chagolnaiya & Fulgazi
05.	Objective of the Project	:	<p>1. To Protect the Muhuri River Bank erosion at Dakhin Satar Nadirkul & Monipur area.</p> <p>2. To secure flood free of Dakhin Satar Nadirkul, Chagolnaiya & Monipur area Fulgazi, Feni.</p> <p>3.To reduce socio-economic damage in accordance with environmental of project area due to river erosion.</p> <p>4.To reduce poverty by confirmation sustainable and relevant agriculture, development of livelihood & to create facilities for local people.</p>

06. Estimated Cost

(In lakh Taka)

	Original	Latest Revised
(a) Total	1933.75	-
(b) Taka	1933.75	-
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07. Date of Approval

:

PCP

PP

(a) Original

:


-

February-2018

(b) Latest Revised

:

-



08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	Jan, 2018	June, 2019
(b) Latest Revised	-	-
(c) Actual	Jan, 2018	June, 2019

09. Financing Arrangement (Source-wise) :

9.1 Status of Loan/Grant

a) Foreign Financing : Not Applicable

Source (s)	Currency as per Agreement	Amount in US \$ (Million)	Nature (Loan/Grant/supplier's/credit)	Date of Agreement	Date of Effective -ness	Date of Closing	
						Original	Revised
1	2	3	4	5	6	7	8

b) GOB :

(In lakh Taka)

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
1933.75	-	1933.75	-

9.2 Utilization of Project Aid : (Source wise) N/A.

(In million)

Source (s)	Total Amount		Actual Expenditure		Unutilized Amount	
	In US \$	In Local Currency	In US \$	In Local Currency	In US \$	In Local Currency
1	2	3	4	5	6	7

9.3 Re-imbursible Project Aid (RPA) : N/A.

(In lakh Taka)

RPA Amount		Amount Spent	Amount Claimed	Amount Re-imbursed	Remarks
As per PP	As per Agreement				
1	2	3	4	5	6



B. IMPLEMENTATION POSITION

01. Implementation period :

Implementation period As per PP		Actual Implementation period	Time Over-run (% of original Implementation period)	Remarks
Original	Latest Revised			
1	2	3	4	5
Jan' 2018 to June 2019	-	Jan' 2018 to June 2019	-	-

02. Cost of the Project :

(In Lakh Taka)

Description	Estimated Cost		Actual expenditure	Cost over – run (% of original cost)	Remarks
	Original	Latest			
1	2	3	4	5	6
Total	1933.75	-	1481.89	(-) 23.37%	Due to Design Review, work volume got reduced.
Taka	1933.75	-	1481.89		
PA	-	-	-		

03. Project Personnel :

Sanctioned strength as per PP	Manpower employed during execution	States of the existing manpower			Manpower Employed	
		Manpower requirement for O&M as per PP	Existing manpower for O&M	Others	Male	Female
1	2	3	4	5	6	7
Officer (s) Staff(S) Total :	The project has been implemented with the existing manpower of Feni O&M Division under Technical and administrative supervision of Superintending Engineer, Feni O&M Circle, BWDB, Feni.					

04. Training of Project Personnel (Foreign/Local) : No provision of training in this project.

Field of	Provision as per PP		Actual		Remarks
	Number of person	Man -months	Number of person	Man - months	
1	2	3	4	5	6
a. Foreign	N/A				
b. Local	N/A				

05. Componentwise Progress (As per latest approved PP):

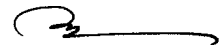
Items of work (as per PP)	Unit	Target (as per PP)		Actual Progress		Remarks for deviation (±)
		Financial	Physical (Qty.)	Financial	Physical (Qty.)	
1	2	3	4	5	6	7
a. RevenueComponent:						
Travel Expenditure	1 item	2.00	1 item	1.98	1 item	
Gas & Fuel- 1 item	1 item	2.00	1 item	1.05	1 item	
Petrol & Lubricant	1 item	2.00	1 item	1.83	1 item	
Printing &Packaging	1 item	1.00	1 item	0.99	1 item	
Stationery, Seal & Stamps	1 item	2.00	1 item	1.99	1 item	
Advertising & Publicity	1 item	1.00	1 item	0.00	1 item	
Seminar, Conference	1 item	2.00	1 item	0.20	1 item	
Honorarium/Fee/Remuneration	1 item	2.00	1 item	0.93	1 item	
Survey (Chain & Leveling survey)	1 item	2.00	1 item	1.99	1 item	
Computer Accessories	1 item	2.00	1 item	2.00	1 item	
Others Expenditure	1 item	2.00	1 item	1.98	1 item	
Repair, maintenance & rehabilitation of motor vehicles	1 item	2.00	1 item	2.00	1 item	
Sub-Total(A)		22.00		16.94		
B.Capital Component:						
Motor Cycle (125 C.C)-1 Ns.	Nos	1.50	1 nos	1.50	1 nos	
Leveling Machine - 1 set.	set	2.00	1 set	1.95	1 set	
Computer & Parts- 2 sets.	set	3.00	2 sets	3.00	2 sets	
Office equipment(Photocopier)-1 no.	Nos	1.50	1 nos	1.50	1 nos	
Furniture-1 item	1 item	2.00	1 item	2.00	1 item	
Bank protective Work at the left bank of Muhuri River from Km. 37.200 to 37.707 = 507m , Km. 39.207 to 39.576= 369, km 40.057 to 40.357= 300 m, km 40.657 to 40.837= 180 m, Km 31.350 to 31.400= 50m & km 31.415 to km 31.465= 50m (Grand total=1456.00m) at Dahhin Satar Nadirkul in Chagalnaiya Upazilla under Feni O&M Division BWDB Feni during the year, 2017-18 & 2018-19	km	1872.00	1.456 km	1449.44	1.456 km	
Construction of RCC Ghat at River Bank- 4 Nos.	Nos	9.75	4 nos	5.56	4 nos	
Sub-Total(B)		1891.75		1464.95		
C. Physical contingency		10.00		0.00		
D. Price contingency		10.00		0.00		
Grand total(A+B+C+D)		1933.75	100.00%	1481.89	100.00%	

06. Information regarding Project Director (s) :

Name & Designation with pay scale	Full time	Part time	Responsible for more than one project	Date of		Remarks
				Joining	Transfer	
1	2	3	4	5	6	7
Md. Rafiq Ullah Superintending Engineer, Feni O&M Circle, BWDB, Feni. (Scale: 50000-71200)	Yes	-	Yes	12/04/2018	30/12/2018	
Md. Shafi Uddin Superintending Engineer, Feni O&M Circle, BWDB, Feni. (Scale: 50000-71200)	Yes	-	Yes	31/12/2018	11/03/2019	
Md. Shahjahan Siraj Superintending Engineer, Feni O&M Circle, BWDB, Feni. (Scale: 50000-71200)	Yes	-	Yes	12/03/2019	Till date	

07. Procurement of Transport (in Nos) :-

Type of transport	Number as per P.P	Procured with date	Transferred to Transport Pool with date	Transferred to O&M with date	Condemned/ damaged with date	Remarks
1	2	3	4	5	6	7
Motor Cycle	1No.	29.05.2019	-	05.07.2019	-	Registration has not yet been done, User: Md. Abdul Bari, Sub-Assistant Engineer, Feni IO&M Section-02, BWDB, Feni



08. Procurement of Goods, Works and Consultancy Services :-

08.1 Goods & works of the Project costing above Tk. 200.00 lakh and consultancy above Tk. 100.00 lakh:

Description of procurement (goods/works/consultancy) as per bid document	Tender/Bid/Propoal Cost (in Lac taka)		Tender/Bid/Propoal		Date of completion of works/services and supply of goods	
	As per P.P	Contract ed value	Invitation date	Contract signing/L. C opening date	As per contract	Actual
1	2	3	4	5	6	7
1. Bank protective Work along the left bank of Muhuri River from Km. 37.200 to km 37.707 507.00 m and construction of 2 nos permanent sign board at Dakkin Satar Nadirkul in Upazilla Chagalnaya District-Feni i/c with Protection of Dakhin Satar Nadirkul and Monipur Area under Chagolnaiya & Fulgazi Upazilla of Feni District from the Erosion of left Bank of The Muhuri River under Feni O&M Division BWDB Feni during the FY 2017-2018 & 2018-2019. PackageNo:ADP-W-1/Feni/18-19,ID NO-207443		467.50	19/06/2018	04/09/2018	26/05/2019	26/06/2019
	1866.00					
2. Bank protective Work along the left bank of Muhuri River from Km. 39.207 to Km.39.576 369.00 m & km 40.057 to km 40.357300.00 m total 669.00 m at Dakkin Satar Nadirkul in Upazilla Chagalnaya District-Feni i/c with Protection of Dakhin Satar Nadirkul and Monipur Area under Chagolnaiya & Fulgazi Upazilla of Feni District from the Erosion of left Bank of The Muhuri River under Feni O&M Division BWDB Feni during the FY 2017-2018 & 2018-2019 PackageNo:ADP-W-2/Feni/18-19,ID NO-207444		686.93	19/06/2018	04/09/2018	26/05/2019	26/06/2019
3. Bank protective Work along the left bank of Muhuri River from Km. 40.657 to Km.		303.28	19/06/2018	04/09/2018	26/05/2019	26/06/2019

Description of procurement (goods/works/consultancy) as per bid document	Tender/Bid/Propoal Cost (in Lac taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per P.P	Contract ed value	Invitation date	Contract signing/L. C opening date	As per contract	Actual
1	2	3	4	5	6	7
40.837 180.00 m Km. 31.350 to Km. 31.400 50.00 m & Km. 31.415 to Km. 31.465 50.00 m Total 280.00 m at Dakkin Satar Nadirkul in Chagalnaiya & Monipur in Fulgazi Upazilla District-Feni i/c with Protection of Dakhin Satar Nadirkul and Monipur Area under Chagolnaiya&FulgaziUpazilla of Feni District from the Erosion of left Bank of The Muhuri River under Feni O&M Division BWDB Feni during the FY 2017-2018 & 2018-2019 PackageNo:ADP-W-3/Feni/18-19,ID NO-207445						
Construction of R.C.C Ghat at River Bank. PackageNo:ADP-W-4/Feni/18-19,ID NO-221256	9.75	5.56	10/09/2018	29/11/2018	13/06/2019	13.06.2019

08.2 Use of Project Consultant(s) (Foreign/Local):-

Name of the Field	Approved man month		Actual man month utilized	Remarks
	As per P.P	As per contract		
1	2	3	4	5
a) Foreign				
b) Local	Not applicable			

09. Construction/Erection/Installation Tools &Equipment :-

Description of item	Quantity as per P.P	Quantity Procured with date	Transferred to O&M with date	Disposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7
Not applicable						

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C. FINANCIAL AND PHYSICAL PROGRAMME :

01. (a) Original and revised schedule as per P.P :

(In lakh taka)

Financial Year	Financial provision & physical target as per original P.P				Financial provision & physical target as per latest revised P.P			
	Total	Taka	P.A	Physical %	Total	Taka	P.A	Physical %
1	2	3	4	5	6	7	8	9
2017-18	-	-	-	-	-	-	-	-
2018-19	1933.75	1933.75	-	100 %	-	-	-	-
Total	1933.75	1933.75	-	100 %	-	-	-	-

01. (b) Revised ADP allocation and progress :

Financial Year	Revised Allocation & target				Taka release	Expenditure & physical progress			
	Total	Taka	P.A	Physical %		Total	Taka	P.A	Physical %
1	2	3	4	5	6	7	8	9	10
2017-18	-	-	-	-	-	-	-	-	-
2018-19	1485.00	1485.00	-	100.00%	1485.00	1481.89	1481.89	-	100.00%
Total	1485.00	1485.00	-	100.00%	1485.00	1481.89	1481.89	-	100.00%

D. ACHIVEMENT OF OBJECTIVES OF THE PROJECT :

Objectives as per PP	Actual achievement	Reason for short fall if any
<p><u>Program me Goal:</u></p> <ul style="list-style-type: none"> • Safety of lives, properties from river erosion hazards. • To support sustainable river erosion mitigation in the region • Environmental enhancement 	<ul style="list-style-type: none"> • Extended river management with reducing extent of erosion at vulnerable segment • Secured natural and human resources 	
<p><u>Project Purpose:</u></p> <ul style="list-style-type: none"> • To mitigate river erosion • Safety of public assets & natural resources • Sustainable socio-economic & tertiary sector's enhancement 	<ul style="list-style-type: none"> • Safety of immovable properties worth Tk. 14490.00 lakh • Ensure safety of public & private properties and reduction of human hazards 	



E. BENEFIT ANALYSIS

01. Annual Out-put:

Sl .No.	Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-put during the 1st year of operation at full capacity (or during, real production for newly completed project).
1	2		3	4
A) Location: Dakhin Satar Nadirkul, Chaglanaiya				
1	Mosque	Nos.	6.00	6.00
2	Houses	Nos.	1800.00	1800.00
3	Garden	Nos.	3 .00	3 .00
4	Agricultural land	Ha	150.00	150.00
5	Market	Nos.	1.00	1.00
6	Electrical line	Lump	500 lac	500 lac
7	Municipality road	Km	3.00	3.00
8	School	Nos.	3.00	3.00
9	Bridge	Nos.	3.00	3.00
B) Location: Monipur area Fulgazi, Feni.				
1	Mosques and madrasas	Nos.	2.00	2.00
2	Houses	Nos.	100.00	100.00
3	Gardens	Lump	200.00 Lac	200.00 Lac
4	Agricultural land	Ha	100.00	100.00
5	LGED Breeze	Nos.	1.00	1.00
6	LGED road	Km	1.50	1.50
7	School	Nos.	1.00	1.00
8	Raw road	Nos	10.00	10.00

02. Cost/ Benefit:

Item	Estimated	Actual
(1) Benefit cost ratio lf the project		
(i) Financial	2.37 : 1.00	Will be evaluated later by concern directorate of BWDB&IMED
(ii) Economic	2.82 : 1.00	
(2) Internal Rate of Return		
(i) Financial	33.51%	
(ii) Economic	39.37%	

03. please give reasons for shortfall, if any, between the estimated and actual benefit: N/A

F. MONITORING AND AUDITING

0.1 Monitoring:

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
(a) <u>IMED</u> : Sheikh Md. Abdur Rahman, Deputy Director, IMED.	09-02-2019	No problem was identified	Project should be completed within the completion period with regular monitoring. Physical components of the work should be ensured according to the approved design.
(b) Agency: Md. Shahjahan Siraj, Project Director & Superintending Engineer Feni O&M Circle, BWDB, Feni	17.04.2019	No problem was identified	Work should be done within the stipulated time
	18.04.2019		
	03.06.2019		
	16.06.2019		

0.2 Auditing during and after Implementation:

2.1. Internal Audit (Resolved/Not Resolved/Partially resolved) : No Internal audit conducted.

Period of Audit	Date of submission of Audit Report	Major findings/ objections	Whether objections resolved or not.
1	2	3	4
-	-	-	-
-	-	-	-

2.2. External Audit (Resolved/Not Resolved/Partially resolved) : Not yet conducted.

Audit period	Date of submission of Audit Report	Major findings/ objections	Whether objections resolved or not.
1	2	3	4
-	-	-	-
-	-	-	-

G. Descriptive Report

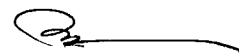
1. General Observations / Remarks of the project on :

1.1 Background:

The Muhuri River originated from the hilly area of Tripura state of India and entered Bangladesh through Parshuram Upazilla of Feni district and fell into the Feni river. The Kahua river originated from the Muhuri river in Parshuram Upazilla and crossed the length of 17 km and reunited with the Muhuri river at Jagatpur in Fulgazi Upazilla. Due to both the above mentioned rivers, the flash flood from of the Tripura state of India, in upstream, are often overflowing at the danger limit (Danger flood level + 13.00m) during the monsoon. As a result, severe mountainous erosion affected all the flood control embankments, as well as severe erosion of rivers in many places and severe floods in Parshuram, Fulgazi and Chagalnaiya Upazillas adjacent to the river. In every year ,during the monsoon due to heavy rainfall and extreme water pressure of the left bank of Muhuri river, at the meandering locations breaches occur in the Dakhin Satar Nadir Kul and Bashpara under Chagalnaiya Municipality and Monipur area of Fulgazi upazilla. Moreover, in every year, due to flash flood inundation occurs at the area of the left bank of Muhuri river where there is no embankments. It causes severe damages and extreme sufferings of the people. In this case, the mosque, madrasa, houses and crop lands besides river bank of Dakhin Satar Nadir Kul are threatened if the protective work is not implemented. Mr. Shams Uddin Azad Chowdhury, Secretary, Planning Commission, Dhaka and Chagalnaiya Municipality Chairman and local people requested to protect from the described erosion and floods. In the wake of the demands of local higher societies, UNOs, mayors of the municipality and the concerned people of the area, protective work is needed to prevent river erosion on an urgent basis to protect the Dakhin Satar Nadir Kul and Monipur villages.

1.2 Justification/ Adequacy

Due to meandering action of Muhuri river , about 1356 m erosion occurred at Dakhin Satar Nadirkul under Chagalnaiy Upazilla and about 100 m erosion occurred at Monipur under Fulgazi upazilla On the left bank of Muhuri river . As a result, the local people were being harmed by the erosion. They are not fully concentrated on crop production. As a result, crop production is also disrupted in the area and the homesteads are gradually decreasing which is negatively affecting the economy. The river erosion is a common picture in Bangladesh. Considering the importance of the erosion area and the type of erosion, the protective work of the river bank is done. In the light of the experience of the protective and revetment work of important places on the bank of both small and large rivers, it is necessary to implement bank protection and revetment work to protect houses, villages, roads, bridges, culverts, mosque, madrasa, temple, market, government and non-government structures, cultivable land etc. To fulfill the goal, Mr. Shams Uddin Azad Chowdhury, Secretary, Planning Commission, Dhaka and Mayor of Chagalnaiya Municipality gave DO letters to take necessary actions. Hence, to protect the above described infrastructures the project was being taken up and consequently implemented.



1.3 Objectives :

The purpose of this project is to implement a 1.456 km river bank conservation work to protect the village of Manipur and its adjoining areas of Nodir-Kul and Fulgazi Upazilla under the Chagnaiya Upazilla of Feni district.

- a. To protect the Dakhin Satar Nadir Kul and Monipur areas from the erosion of the left bank of the Muhuri river;
- b. To make the Dakhin Satar Nadir Kul and Monipur areas a safe flood-free areas;
- c. To reduce socio-economic damage along with environmental damage to the project area for river erosion;
- d. To ensure stable and reliable agriculture, eliminate poverty, improve living conditions and create employment opportunities;
- e. To prevent changes in the direction of river flow;
- f. To continue the socio-economic development of the area including social security;
- g. To Protect the environment of the project area from adverse environmental impact.

1.4 Project revision with reasons: Not Applicable.

2. Rationale of the project in respect of Concept, Design, Location and Timing :

The proposed project area is suffering mainly from the problem of river bank erosion due to the Flash Flood coming from U/S hilly area of the Muhuri river. River bank erosion was continued at Chagnaiya upazilla is now just at the left bank of the river. Major erosion is also observed at Monipur area of Fulgazi upazilla. Homesteads, Madrasa, roads etc. of this area is now going to be damaged for the river bank erosion problem.

3. Brief Description on planning and financing of the project and its applicability.

• Project Identification:

Due to meandering action of Muhuri river ,about 1356 m erosion occurred at Dakhin Satar Nadirkul under Chagnaiya Upazilla and about 100 m erosion occurred at Monipur under Fulgazi upazilla On the left bank of Muhuri river. On the left bank of Muhuri river. , Mr. Shams Uddin Azad Chowdhury, Secretary, Planning Commission, Dhaka and Mayor of Chagnaiya Municipality gave DO letter to take necessary actions to prevent erosion. On the demand of Local people, technical committee was formed and on the basis of the recommendation of technical committee the present DPP has been prepared to protect the erosion from left bank of Muhuri river at Dakhin Satar Nadirkul and Monipur under Chagnaiya and Fulgazi Upazilla respectively.

• Project Preparation :

A technical committee was formed by the board to conduct technical study for the protective work at Dakhin Satar Nadirkul under Chagnaiya Upazilla and Monipur under Fulgazi upazilla. Subsequently a Technical Committee was formed by BWDB vide memo no. বাপাউরো(সচি) / পরি-১/ বিবিধ-৩/২০১৭(১ম খণ্ড)/ ২৮০, তারিখঃ ২৩/১০/২০১৭। The committee visited the project area and submitted a report on 09.11.2017. The committee suggested for 1.456 km. bank protective work at left bank of Muhuri river.



- Appraisal :
The appraisal meeting was held on 15-01-2018 at Planning Commission.

• Credit Negotiation	Not Applicable
• Credit Agreement	
• Credit Effectiveness	
• Loan Disbursement	
• Loan Conditionalities	

- Project Approval.

The Project was approved on 19.02.2018 by The Honorable Minister of Ministry of Planning and was approved on 07-03-2018 by Ministry of Water Resources

- Others (if any).

4. Analysis of the post-Implementation situation and result of the project:

4.1. Whether the beneficiaries of the project have clear knowledge about the Target/Objectives of the Project.

Yes

4.2. Program for use of created-facilities of the project

Usage of created facilities e.g completed revetment works will be facilitated by the local training, stakeholders participation, water user groups activities and workshops .

4.3. O&M Program of the project.

O&M Programme will be arranged from O&M budget of BWDB.

4.4. Impact of the project.

4.4.1 Direct

- Protection from the erosion of the left bank of Muhuri River (from Km.37.000 to Km. 37.700 = 507.00 m, from Km.39.207 to Km. 39.576 = 369.00 m,from Km. 40.057 to Km. 40.357 = 300.00 m,from Km. 40.657 to Km. 40.837 = 180.00m,from Km.31.350 to Km. 31.400 = 50.00 m and from Km.31.415 to Km. 31.465 = 50m, Total=1456.00 m .
- Protection of surrounding community from inundation during monsoon period.
- Huge immovable public & private properties beside the left bank of Muhuri river about worth 21840.00 lac taka have been saved.

4.4.2 Indirect

- Due to successful completion of protective works, homesteads, new factories and market places are going to be expanded creating new economic activities.

4.5. Transfer of Technology and Institutional Building through the project: N/A

4.6. Employment generation through the project.

More than 20 thousands man-days were created for skilled and unskilled labors during implantation of the project.

4.7. Possibility of self employment.

By these protective works the unemployed people will become self employed by cultivation which was previously uncultivable. About 5000 farmers will get opportunities to be self-employed.

4.8. Possibility of women-employment opportunity

Most people of the project area are with the limited source of employment. As such poverty is the part and parcel of their day to day life. By the implementation of this project employment in business sector will be created due to socio-economic activities. Project will also create employment opportunities and these will ultimately contribute to the achievements to poverty alleviation. Project implementation will help to reduce the risk of landless and pauperization in the project area to a great extent. The project will ensure safety of public and private properties and improve economic activities by construction of protective works.

4.9. Women's participation in the development

Women and children are the most vulnerable to any type of disasters. Post project condition will improve river erosion hazards. Thus, ultimately create safe and healthy environment for women and children. Also, employment opportunity for women was enhanced at the construction phase of the project. Thus, the project will have positive impact on women and children.

4.10. Probable Impact on Socio-Economic activity

At post project condition due to reduction of erosion and flood hazard investment will be encouraged and productivity in all spheres will ultimately be increased. Also, after implementation of the project financial security will be achieved and out of that institutional development like growth centers, educational institutions, Mosques, Madrasas and many more will definitely be established.

4.11. Impact on environment

The project has no adverse effect on environment. The project is to provide safety to human lives, properties and to enhance economic activities as well as natural and environmental balance against devastating river erosion. Thus the overall environmental balance in region is restored.

4.12. Sustainability of the project

The project has been completed as per approved DPP and as per design & specifications. It will be a sustainable project.

4.13. Contribution to poverty alleviation/reduction

Project activities created employment opportunities which would contribute to the achievement in poverty alleviation.


4.14. Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc.

Local representatives such as members of parliament, local elites, local administration, teachers, religious leaders, women's representatives & local UP chairmen have good idea about the project. They are very much happy with the project.

4.15. Contribution of Micro-credit programmers and Comments on overlapping with any NGO activities- N/A

5. Problems encountered during Implementation (with duration & steps taken to remove those)

5.1 Project Management	: N/A
5.2 Project Director	: N/A
5.3 Land Acquisition	: N/A
5.4 Procurement	: N/A
5.5 Consultancy	: N/A
5.6 Contractor	: N/A
5.7 Manpower	: N/A
5.8 law & Order	: N/A
5.9 Natural calamity	: N/A
5.10 Project financing, allocation and Release	: N/A
5.11 Design formulation/approval	: N/A
5.12 Project aid disbursement and re-imbursment	: N/A
5.13 Mission of the development partners.	: N/A
5.14 Time & Cost Over-run	: N/A
5.15 Project Supervision/Inspection	: N/A
5.16 Delay in Decision	: N/A
5.17 Transport	: N/A
5.18 Training	: N/A
5.19 Approval	: N/A
5.20 Others.	:



6. Remarks & Recommendation of the Project Director:

Due to the bank revetment work of 1.456 Km, the areas of Dakhin Satar Nodir Kul of Chagalnaiya Upazilla and Monipur of Fulgazi Upazilla of Feni District, is now free from river erosion problem and flood. Homesteads, villages, roads, bridges, culverts, schools, mosques, madrasas, temple, markets, government and non-government infrastructures etc. has been saved from the erosion of Muhuri river at Dakhin Satar Nadirkul of Chagolnaiya Upazilla and at Monipur of Fulgazi Upazilla. Besides these, road connectivities at Dakhin Satar Nadirkul of Chagolnaiya Municipality are again developed through these works. It will enhance the socio-economic development of the areas. It can ensure the reliability of agriculture & create employment opportunities. It will alleviate poverty and create positive impacts on environment as well as socio-economic aspect. It can be recommended that sand should not be extracted adjacent to the completed protective works. Ditches, ponds etc. should not be dug near the country side of the completed protective works.


(Md. Shahjahan Siraj)

Project Director

“Protection of Dakhin Satar Nadirkul & Monipur area under Chagolnaiya & Fulgazi Upazilla of Feni District from the Erosion of left Bank of the Muhuri River.”

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Superintending Engineer

Feni O&M Circle

BWDB, Feni

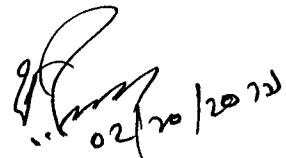
Date :

Signature and seal of the Project Director/Manager

7. Remarks/Comments of Agency Head

Dakhin Satar Nadirkul and Monipur area under Chagolnaiya and Fulgazi Upazilla of Feni District have been protected from erosion of Muhuri River by constructing river bank protection work. Due to the implementation of this project, immovable properties worth 144 crore taka have been protected from river bank erosion. Also, this project provides safety to agricultural land of 250 ha. which in turn increases socio-economic condition of the people living in the project area.

Date :


Signature and seal (Md. Manfuzur Rahman)
Director General
BWDB, Dhaka.

8. Remarks/Comments of the officer in-charge of the Ministry/ Division

Date :.....

Signature and seal

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