Grant No. 44

147 - Ministry of Water Resources

Medium Terms Expenditure

(Taka in Thousands)

Description	Budget 2025-26	Projection	
		2026-27	2027-28
Operating Expenditure	2714,14,00	2990,94,42	3390,86,70
Development Expenditure	8489,86,00	8885,29,58	9197,94,30
Total	**11204,00,00**	**11876,24,00**	**12588,81,00**
Recurrent	2984,34,90	3177,52,81	3447,92,84
Capital	8219,60,00	8698,66,09	9140,83,06
Financial Asset	5,10	5,10	5,10
Liability	0	0	0
Total	**11204,00,00**	**11876,24,00**	**12588,81,00**

1.0 Mission Statement and Major Functions

1.1 Mission Statement

Ensuring optimal use of water resources and sustainable development through balanced and integrated management of water resources in line with climate change

1.2 Major Functions

1.2.1 Implementation of the government's water resources initiatives through integrated water resource management under domestic, regional and international plans to ensure sustainable development;

1.2.2 Formulate general policy related activities of irrigation, flood control, removal of water logging, improvement of drainage system, prevention of river bank erosion, salinity and desertification and providing technical assistance in these regards;

1.2.3 Activities related to flood forecasting and warning, flood control facilities, flood causes and flood damage assessment;

1.2.4 Basic and applied research on river basin control, development &flood control installations and activities related to hydrological survey and data collection;

1.2.5 Functions related to obtain international assistance in the development of flood control and water resources Development;

1.2.6 Excavation & maintenance of Khal and construction & maintenance of water control infrastructures under canal excavation and maintenance program;

1.2.7 Land conservation and restoration through riparian and coastal management, water drainage and flood mitigation activities;

1.2.8 Activities related to construction of water conservation reservoirs, embankments & barrages and river dredging in order to prevent bank erosion and increases water retention capacity of rivers.

2.0 Medium Term Strategic Objectives and Activities

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
1. Balanced, integrated and sustainable management of water resources	• Implementation of the government water resources initiatives through integrated water resource management under domestic, regional and international policies to ensure sustainable development.	• Bangladesh Water Development Board (BWDB) • Water Resources Planning Organization
	• Excavation and re-excavation of Irrigation Canals • River dredging and land reclamation through dredging • Construction and repair work of irrigation infrastructure • Construction of Barrages and Rubber Dams • Formation and registration of Water Management Group, conduct training and transfering the responsibility of service charge collection to the Group	• Bangladesh Water Development Board
	• Update the National Water Management Plan (NWMP) for balanced use of ground and surface water. • Conducting Clearing House activities. • Compilation, preservation and updating of the National Water Resources Database (NWRD). • Implementation of Bangladesh Water Act, 2013.	• Water Resources Planning Organization
	• Collection, preservation and compilation of information on water resources of transboundary rivers.	• Joint Rivers Commission
	• Basic and applied research on water resources and sample testing **.**	• River Research Institute
	• Celebration of World Water Day • Capacity development of concerned officials and employees of the Ministry of water Resources related to monitoring the strategy of formulation and implementation of water resources related projects. • Formulation of policies and laws related to water resources	• Secretariat
2. Flood control and protection of river banks from erosion through river training,	• River bank management, construction and repair of flood control dams and coastal embankments.	• Bangladesh Water Development Board

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
conservation and construction of infrastructure	• Excavation and re-excavation of drainage canals • Construction and repair of flood control and drainage infrastructures • Protection of river banks in order to protect important installations and localities from river erosion.	
3. Conservation of eco-systems and development of haor and wetlands	• To improve the quality of life of the people of Arial Bil areas. • Undertaking initiatives for updating Haor Master Plan (2012-2032). • Taking integrated management of water and land resources to improve the quality of life of the people of Chalanbil area • Construction and maintenance of submersible embankments in the haor area.	• Department of Bangladesh Haor and Wetland Development • Bangladesh Water Development Board
	• Construction of cross dams in the coastal areas in order to reclaim land from the sea and river. • Conservation of wetlands, croplands and forests in coastal areas from salinity.	• Bangladesh Water Development Board
	• Assisting in monitoring and evaluation of projects implemented under the programs included in the Water Resources Management Plan	• Water Resources Planning Organization
4. River Basin Management	• Flood forecasting and Warning. • Information & Data Collection for Design and Planning. • Increasing water holding capacity of rivers by dredging/re-excavating rivers to maintain water flow and waterways.	• Bangladesh Water Development Board
	• Conducting study of Physical and mathematical models	• River Research Institute
	• Arrangement of bi-lateral and multi-lateral meetings • Collect flood-related data and information related to trans boundary rivers • Joint observation of water flow of the river Ganges	• Joint Rivers Commission

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
	• Conduct survey activities related to water resource management	• Bangladesh Water Development Board • Water Resources Planning Organization

3.0 Poverty, Gender and Climate Change Reporting

3.1 Impact of Medium Term Strategic Objectives on Poverty Reduction, Women's Advancement and Climate Change

3.1.1 Balanced and sustainable management of water resources

Impact on Poverty Reduction: Marginal and poor farmers along with other beneficiaries will be able to increase agricultural production by using the irrigation water available due to re-excavation of 450 km irrigation canals. The irrigation facility and excavation/re-excavation of canal will create employment opportunities for the poor. Construction, repair and rehabilitation of 390 irrigation structures and dredging of 555.00 km river will also have a positive impact on the marginal farmers along with other beneficiaries. These activities will create employment opportunities for the poor communities. Implementation of Protective Work to Protect the Infrastructures Constructed at Noler Char of Hatiya Upazila in Noakhali District from the Erosion of Meghna River has been taken up. Through the implementation of the work, public houses, schools, mosques, cyclone shelters, cultivated land, crops and livestock can be protected from the impact of the river, with an estimated cost of Tk. 169257.63 lakh. Through Sustainable Water Management Project at Banshkhali and Anowara Upazila in South Chattogram, the project area would be protected from the adverse effects of marine cyclones and tidal waves, flash floods and continuous erosion due to landslides. Permanent protective works on the embankment, various religious and educational institutions, public residences, market-ghats and highly fertile arable agricultural lands in the project area can be protected from floods. Through overall water management in the project area, permanent and more investment opportunities will be created, social protection zones will be strengthened, poverty alleviation and sustainable development of socio-economic conditions will be achieved. Besides, agriculture, fisheries and salt farming will be enhanced by ensuring optimum utilization of saline water and fresh water in the project area. A project titled “Construction of Multipurpose Hydraulic Elevator DAM across Shrimai Khal at Patiya, Chattogram District’’ has been taken up for irrigation facilities at project area. The project would help poverty alleviation and sustainable development of socio-economic conditions.

Impact on Women's Advancement: Employment opportunities will be created by involving rural women groups in irrigation canal excavation and re- excavation activities of the Water Development Board. This will increase their income and social status. Moreover, the effect of increasing agricultural production will be economic and social development of women.

Impact on Climate Change Adaptation and Mitigation: Because of the impacts of climate change and reduction in navigability of rivers and canals, water remains stagnant in flood plains weeks after the rainy season. This causes delay in sowing of rice paddy and many other seasonal crops in time. Consequently, in the event of early floods a lot of damage to crops takes place. Construction and repair of various structures including irrigation canals, river dredging will help in climate change adaptation in the coming years. In addition, under the canal excavation program, irrigation facilities have been provided to the land through re-excavation of canals, construction, maintenance and operation of water control infrastructure. During the financial year 2023-2024, 25.05 lakh hectares of crops and 10.51 lakh hectares of land have been provided irrigation facilities in 3 cropping seasons through big and small irrigation projects. Due to adequate irrigation facilities, along with crop diversification, crop production is also increasing day by day, which will play a significant role in the country's food security.

3.1.2 Flood control and protection of river Bank from erosion

Impact on Poverty Reduction: Drainage systems will be improved through construction of 34.00 km flood control embankment, repair of 335.35 km. of flood control embankment, excavation and re-excavation of 250.26 km of drainage canal and construction & repair of 210 no. flood control structures (sluice & regulator). As a result, crops and properties of poor people will be saved from damage. The implementation of all these activities will create employment opportunities for the poor people. In order to protect land of our country and important installations from river erosion, 415 km of river bank protection work will be done by involving poor people, they will get employment and assets will be saved which will contribute to poverty alleviation. During the financial year 2021-22 a project has been taken up named “Climate Smart Agriculture and Water Management Project (BWDB Part)” at a cost of Tk. 118255.00 lakh in assistance with IDA. The objective of the project is to increase climate resilience and productivity of irrigated agriculture and fisheries in the sub-projects. Also, the project “Resuscitation of Ichamoti River in Pabna District Project” has been taken up for the period 01-11-2023 to 30-06-2027 at a cost of Tk.155490.00 lakhs with GOB funding. As a result of the settlement of the project, development of water resource management through development of Ichamati river and connection canal, maintaining natural balance, increasing agriculture and fisheries through proper water management the Ichamati river and connection canal will improve the socio-economic conditions of the people. The families living in riverside areas of Ishwardi, Pabna Sadar, Atgharia, Santhia and Bera upazilas of Pabna district depend on agriculture and fishing. 15.34 lakh people will benefit from the implementation of the project. "Rehabilitation of Chandpur Town Protection Project" project has been taken up for the period 01-10-2023 to 30-06-2027 with the funding of GOB at a cost of Tk.82702.00 lakhs. As a result of settlement of the project, the extensive riverside areas and townships of Chandpur city, valuable land, government and private owned infrastructure/ assets etc. will be restored to safety and functionality, the estimated value of the protected property is about Tk 12,621,00.50 lakhs. Another Project "Protection of Bhola Sadar Upazila from Erosion of the Meghna River" project has been taken up for the period 01-12-2023 to 30-06-2027 with the funding of GOB at a cost of Tk. 68910.00 lakhs which consists of 4.00 km bank revetment, 1.00 km strengthening of protective work, 5.50 km embankment re-sectioning work and 36.50 cubic meter (2.00 km) Meghna river dredging. Implementing dredging works will cause prevention of riverbank erosion, increase navigability, and control floods in the project area, thereby saving an estimated amount of Tk. 309875.00 lakhs.

Impact on Women’s Advancement: The implementation of riverbank protection activities, which encompass the construction, repair, and rehabilitation of flood control embankments, as well as the excavation and re-excavation of drainage canals and the construction and maintenance of flood control structures (sluices and regulators) will play a crucial role in safeguarding women's property and increase their social security. Moreover, the implementation of these activities will generate employment opportunities, further benefiting the community.

Impact on Climate Change Adaptation and Mitigation: By implementing measures such as the construction and repair of flood control embankments, as well as the excavation and re-excavation of canals, it will be possible to effectively control floods nationwide and address the challenges posed by climate change. Additionally, through riverbank protection activities, vulnerable structures, houses, and other infrastructures will be safeguarded against the adverse impacts of climate-related effects.

3.1.3 Development of Haor and wetlands and water management of Coastal region by keeping consistency with climate change

Impact on Poverty Reduction: Every year in Haor region, the advance-flood prevention program is being implemented by the Bangladesh Water Development Board through the construction of earth dams under Kabita policy. Through this, it has been possible to increase the economic security of the farmers in the area by creating jobs among the general poor people in the area and by protecting crops from early floods, which has a direct impact on poverty alleviation. Through the implementation of projects in the vicinity of the Sundarbans, several positive outcomes will be achieved. Firstly, the land will be protected from salinity, and the fertility of the soil will be enhanced. This, in turn, will have a beneficial impact on poverty alleviation efforts and create employment opportunities for impoverished individuals. "Char Development and Settlement Project – Bridging (Additional Funding) (BWDB Part)" has been initiated, overarching objective of this project is to reduce poverty and hunger while improving the quality of life for those residing in the newly reclaimed coastal areas.

Impact on Women's Advancement: Efforts are underway to provide various training programs for women, ensuring their active participation in water resource management. According to water management guidelines, it is mandated that 33% of the total members of a water management group must be women. This initiative aims to promote women's empowerment and increase their income-generating opportunities. Under the Landless Contracting Society (LCS) of BWDB's projects, 25% of the earthwork will be carried out by women, which will enhance their financial stability. In various irrigation projects, approximately 45% - 50% of reclaimed Khas land is being distributed among impoverished women through implementing partner agencies. This not only contributes to their social security but also empowers them economically. Additionally, houses constructed in the island and wetland areas are being allocated to destitute women, further supporting their well-being. Furthermore, ongoing projects designed to improve the livelihoods of people in haor areas will address gender-related issues. The development of haor and wetlands will stimulate economic and social activities, leading to positive advancements in women's development.

Impact on Climate Change Adaptation and Mitigation: In consistence with climate change, various remedial measures are being taken including dredging of rivers, raising the height of submerged dams, repairing them in an environmentally friendly manner. In addition, following the measures taken to prevent the intrusion of saline water due to sea level rise, agricultural in the coastal areas will be ensured and biodiversity in the Sundarbans will be conserved. Project beneficiaries are particularly benefiting from the adoption of projects funded by the Climate Change Trust Fund (CCTF) and increasing adaptive capacity to cope with climate change shocks. “Flood Reconstruction Emergency Assistance Project (FREAP)” project is accelerating flood management and agricultural development in the Haor area, which is contributing to improving the quality of life of the local people. Through this, flood control infrastructure will be developed by re-construction of 80 km of damaged flood control embankments, construction of 15 flood fuses in Haor area and sustainable development of submersible embankments by covering 18.410 km of damaged and vulnerable submersible embankments with CC blocks, By implementing 4.000 km of river banks protection works, it will be possible to protect the river bank and adjacent valuable land and property,79,233 hectares of cultivable land will be protected from early flash floods, improved drainage through repair and reconstruction of drainage infrastructure (regulators) and coordination between integrated structural and non-structural flood management.

3.1.4 Management of River Basin

Impact on Poverty Reduction: By implementing river basin management to increase water availability, impoverished farmers will have the opportunity to boost their productivity through enhanced irrigation facilities. Furthermore, activating water flow and waterways via river dredging or re-excavation will not only increase water availability for agriculture but also facilitate easier transportation of goods and communication through waterways. This, in turn, will contribute directly to poverty alleviation by augmenting people's income and reducing expenditure. Additionally, it will help mitigate the risk of flooding, thereby enhancing the safety of people's lives and property. Hydrological data such as ground water level data, flow measurement, sediment/sediment flow, precipitation-evaporation, ground water level etc. are collected and stored in the software through the various field offices of the BWDB. Those data are being used in various structures such as dams, barrages, sluice gates, spurs, groins, bridges, culverts etc., construction, design, planning including research works Which is playing a significant role in the development activities of the country.

Impact on Women's Advancement: There will be some indirect impact on women’s advancement.

Impact on Climate Change Adaptation and Mitigation In the past few years, flood forecasting and early warning system has been improved remarkably.10-day probabilistic advance flood forecasting was piloted at 18 locations during the period 2005-07 and expanded to 38 locations from 2014.Later, the 10-day probabilistic flood forecast was upgraded to 15 days. BWDB’s flood forecasting and warning center is conducting flood monitoring at 116 points in 100 upazilas of 55 districts related with 68 rivers and 5-day advance flood forecasts and warnings are being operated at 61 locations of 35 major rivers and sent through website, email, IVR (Interactive Voice Response) and Android app. From 2021 using Google’s advanced technology flood information and improved flood maps are being delivered to users instantly through push notification. At present, through this digital forecasting system, it is possible to broadcast a specific warning 3 to 5 days before a place is affected by floods. As a result, people of all levels, including

farmers, are getting an opportunity to take pre-preparation of flood and are saved from loss of life and property.

3.2 Poverty Reduction, Women's Advancement and Climate Change-Related Allocation

(Taka in Thousand)

Description	Budget 2025-26	Projection	
		2026-27	2027-28
Poverty Reduction	8367,03,38	8929,47,82	8929,47,82
Gender	3015,98,36	3332,42,93	3332,42,93
Climate Change	4822,58,00	5304,83,80	5835,32,18

4.1 Priority Spending Areas/Program

Priority Spending Areas/Program	Related Strategic Objectives
1. **Excavation/Re-excavation of rivers and canals, construction and maintenance of infrastructures to provide irrigation facilities to agricultural land:** Rivers and canals are the main sources of water to provide irrigation facilities to agricultural land. On the other hand, the country's rivers and canals are being filled up. In this context, their excavation and re-excavation have become essential. In this consideration, canal and river excavation and re-excavation, construction and maintenance of infrastructure programs have been given top priority for increasing irrigation facilities and agricultural development. Also, due to the need to obtain data for planning and implementation of water resources management, survey activities have been given the highest priority.	• Balanced, integrated and sustainable management of water resources.
2. **Undertake repair, modification, re-construction and development of existing embankments, construction and maintenance of new embankments and afforestation in coastal areas:** In-order to protect human life, forests, fishes, animals etc. from natural disasters like storms, floods, inundations, tides etc., renovation and reconstruction of existing dams, infrastructure and development and construction of new dams and their maintenance and afforestation activities in coastal areas are included as the second priority programs.	• Flood control and protection of river banks from erosion through river management, conservation and construction of infrastructure
3. **Construction and maintenance of flood control embankments to protect economically important areas, towns and establishments, human life, property and crops:** Many important cities and towns of the country are disappearing due to river erosion. As a result, the country is facing huge financial loss. The Ministry of Water Resources is entrusted with the responsibility of protecting economically important areas, cities and structures, protecting people's lives and agricultural land from floods and erosion. Keeping this responsibility in consideration, especially in an effort to maintain the normal course of life and economy in flood-affected areas, the construction and maintenance of flood control embankment programs have been considered as the third priority sector.	• Conservation of eco-systems and development of haor and wetlands.
4. **Getting a fair share of water in transboundary rivers:** In order to get a fair share of water in the transboundary rivers, it is an urgent matter to undertake bilateral-multilateral activities and conduct research related to the collection of data on climate change, river flow, floods and droughts in the region and therefore it has been designated as the fourth priority sector.	• River Basin Management

4.2 Medium Term Expenditure Estimates and Projection (2025-26 to 2027-28)

4.2.1 Expenditure by Department/Agencies/Institutional Units

(Taka in Thousands)

Description	Budget	Revised	Budget	Projection	
	2024-25		2025-26	2026-27	2027-28
Secretariat, Ministry of Water Resources	11173,05,63	12661,79,88	11180,14,00	11860,34,60	12570,32,66
Department of Bangladesh Hoar and Waterland Development	20,58,00	22,33,75	23,86,00	15,89,40	18,48,34
Grand Total :	**11193,63,63**	**12684,13,63**	**11204,00,00**	**11876,24,00**	**12588,81,00**

4.2.2 Expenditure by Economic Group Wise

(Taka in Thousands)

Economic Group	Description	Budget	Revised	Budget	Projection	
		2024-25		2025-26	2026-27	2027-28
	Recurrent Expenditure					
3111	Wages and salaries in cash	15,38,64	13,32,12	14,88,88	16,50,99	17,70,22
3211	Administrative expenses	3,82,91	3,51,69	4,83,97	5,53,05	6,07,14
3221	Fees, charges and commissions	32,95	22,25	39,00	9,10	4,22
3231	Training	1,71,50	1,50,00	1,60,00	1,71,00	1,93,10
3241	Domestic travel and transfer	0	0	0	0	0
3243	Petrol, oil and lubricants	68,50	73,50	80,07	94,78	1,09,96
3244	Travel and Transfer	1,25,50	1,09,41	1,28,00	1,39,70	1,57,57
3255	Printing and stationery	95,32	84,28	1,27,40	1,54,90	2,00,29
3256	General supplies and materials	5,50	4,50	9,00	9,50	10,05
3257	Professional services, honorariums and special expenses	11,58,30	14,81,21	15,16,35	2,60,49	2,73,24
3258	Repairs and maintenance	3,16,40	2,52,00	3,39,63	3,74,99	4,50,36
3411	Interest on foreign loan	0	0	0	0	0
3631	Current grants	2432,73,73	2418,96,91	2574,57,14	2916,17,51	3303,04,09
3632	Capital grants	28,03,50	24,45,21	28,74,00	30,96,75	38,11,00
3821	Current transfers not elsewhere classified	6,20	3,20	4,20	4,40	4,62
3823	Current transfers for projects	158,60,30	147,51,00	262,38,00	190,54,59	62,26,17
3911	Reserve	21,23,97	0	74,89,26	5,61,06	6,70,81
	Total : - Recurrent Expenditure	**2679,63,22**	**2629,57,28**	**2984,34,90**	**3177,52,81**	**3447,92,84**
	Capital Expenditure					
4111	Buildings and structures	0	0	0	0	0
4112	Machinery and equipment	3,69,41	2,88,35	2,31,00	3,59,10	4,59,93
4113	Other fixed assets	20,00	7,00	40,00	40,00	58,00
4141	Land	0	0	0	0	0
4211	Capital expenditure for project	8160,11,00	10051,61,00	7916,89,00	8344,66,99	8735,65,13
4911	Reserve	350,00,00	0	300,00,00	350,00,00	400,00,00
	Total : - Capital Expenditure	**8514,00,41**	**10054,56,35**	**8219,60,00**	**8698,66,09**	**9140,83,06**
	Assets					
7215	Loans	0	0	5,10	5,10	5,10
	Total : - Assets	**0**	**0**	**5,10**	**5,10**	**5,10**
	Grand Total :	**11193,63,63**	**12684,13,63**	**11204,00,00**	**11876,24,00**	**12588,81,00**

5.0 Key Performance Indicators (KPIs)

Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
			2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10
1. Coverage of irrigable areas (Irrigable area 16.47 lakh	1	Lakh Hectare	0.09	0.08	0.07	0.07	0.08	0.07	0.07

Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
			2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10
hectares		(Year wise)							
		Lakh Hectare (Sequential)	10.09	10.09	10.16	10.16	10.24	10.31	10.38
			61.28%	61.28%	61.72%	61.72%	62.16%	62.60%	63.04%
2. Coverage of flood free zone and drainage areas (Flood free and drainage areas110 lakh hectare)	2	Lakh Hectare (Year wise)	0.33	0.50	0.44	0.44	0.39	0.39	0.39
		Lakh Hectare (Sequential	66.49	66.87	67.93	67.31	67.70	68.09	68.48
			60.45%	60.79%	60.85%	61.19%	61.55%	61.90%	62.25%
3. Strengthening of Coastal polder embankments as cyclone-resistant (Expansion in 5788 km coastal embankments	3	KM (Year wise)	90.29	34.73	148.17	58.46	57.88	58.46	57.88
		KM (Sequential	927.81	872.25	1075.98	1075.00	988.59	1047.05	1104.93
			16.03%	15.07%	18.59%	18.00%	17.08%	18.09%	19.09%
4. River dredging/re-excavation to maintain water flow and waterways (6560km)	4	KM (Year wise)	347	315	200	188	263	296	230
		KM (Sequential	4975	5345	5175	5055	5796	6092	6322
			75.83%	81.48%	78.88%	84.34%	88.35%	92.86%	96.38%
5. Conservation of rever banks to prevent and protect from river erosion (2377 KM)	2	KM (Year wise)	123.00	123.00	123.00	123.42	130.00	140.00	145.00
		KM (Sequential	1658.96	1658.96	1781.96	1782.38	1912.38	2052.38	2197.38
			69.79%	69.79%	74.97%	74.98%	80.45%	86.34%	92.44%
6. Construction of flood control dams (8075 KM)	2	KM (Year wise)	22.00	22.00	11.80	11.80	12.50	14.00	20.00
		KM (Sequential	7999.00	7999.00	8010.80	8010.80	8010.80	8024.80	8044.80
			99.06%	99.06%	99.20%	99.20%	99.20%	99.38%	99.63%

6.0 Recent Achievements, Activities, Output Indicators and Targets and Expenditure Estimates of the Departments/Agencies

6.1 Secretariat

6.1.1 Recent Achievements: The Ministry of Water Resources has established a research policy and issued various guidelines, including the Task Force Guidelines 2021 of the Bangladesh Water Development Board, Guidelines for riverbank protection, flood prevention, and design formulation of submersible dams in the Haor region and coastal areas. To enhance information management of ongoing projects, project management, rehabilitation and maintenance, DPP courses, and project progress, the Ministry of Water Resources has developed the Scheme Information Management System software. This software aims to expedite project implementation, save time and money on public taxes or foreign loans, and promote transparency and accountability in project work. With this software, real-time information and the financial progress of all projects can be readily accessed, enabling effective monitoring of project stages by the ministry and implementing agencies. This system helps prevent the wastage of funds and project delays. Additionally, the software enables field offices to monitor the overall status of projects under the Annual Development Program (ADP) online, thereby preventing additional costs and delays. Besides, in 2014 Meeting Management System was adopted, meetings with field offices are conducted through this system.

6.1.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
1. Celebration of World Water Day	Celebrated day	1	number	1	1	1	1	1	1	1
2. Capacity development of concerned officials and	Efficiency Development	1	Training number	0	0	0	10	10	10	10

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
employees of the Ministry of water Resources related to monitoring the strategy of formulation and implementation of water resources related projects.										
3. Formulation of policies and laws related to water resources	Policy and Legislation	1	number	0	0	0	1	1	1	1

6.1.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1470101 - Secretariat, Ministry of Water Resources	1	10,81,44	34,98,77	17,64,84	23,23,87	22,70,50	25,50,00
Total : General Activity		**10,81,44**	**34,98,77**	**17,64,84**	**23,23,87**	**22,70,50**	**25,50,00**
Special Activity							
120000801 - Loans to Government Employees	1	1,20	0	0	5,10	5,10	5,10
127006601 - International Commission on Irrigation and Drainage (ICID)	1	0	4,20	4,20	4,20	5,04	6,04
127010501 - INWARDAM	1	0	5,27	5,27	5,27	6,33	7,59
127019401 - Wetland International	1	3,10	3,16	6,20	3,16	3,79	4,54
Total : Special Activity		**4,30**	**12,63**	**15,67**	**17,73**	**20,26**	**23,27**
Total : Operating Activities		**10,85,74**	**35,11,40**	**17,80,51**	**23,41,60**	**22,90,76**	**25,73,27**
Development Activities							
Annual Development Program							
221000147 - Reserve for unapproved project Ministry of Water Resources	1	0	350,00,00	0	300,00,00	350,00,00	400,00,00
Total : Annual Development Program		**0**	**350,00,00**	**0**	**300,00,00**	**350,00,00**	**400,00,00**
Total : Development Activities		**0**	**350,00,00**	**0**	**300,00,00**	**350,00,00**	**400,00,00**
Total :		**10,85,74**	**385,11,40**	**17,80,51**	**323,41,60**	**372,90,76**	**425,73,27**

6.2 Bangladesh Water Development Board

6.2.1 Recent Achievements: In order to safeguard lives from flood damage and increase food production, a range of measures have been implemented, including flood control, prevention of river erosion, river dredging, development of irrigation management, removal of waterlogging, and land restoration. Over the past three years, a total of 214 development projects have been initiated, with 94 projects already completed. These projects encompassed several aspects, such as 279.000 km of riverbank protection, construction of 5.000 km of embankments, reconstruction of 2384.000 km of embankments, construction of 272 nos. hydrological structures, and undertaking 202 repairs. Additionally, 265.000 km of irrigation canals and 904.000 km of drainage canals were re-excavated, and 1035.00 km of river dredging and re-excavation work were accomplished. Moreover, as part of the Bangladesh Delta Plan, re-excavation efforts have been carried out across 1860 km of small rivers, canals, and water reservoirs in 64 districts throughout the country. These comprehensive endeavors have resulted in the expansion of irrigation facilities across 0.38 lakh hectares of land, while also ensuring that 1.25 lakh hectares of land remain safeguarded against floods. Effective steps have been taken to construct and monitor earthen dams in the entire haor area by developing software for the construction of submerged dams in the haor region.

6.2.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
1. Excavation and re-excavation of irrigation canal	Excavated canals/ Re-excavated canal	1	KM	136	136	136	136	140	150	160
2. River dredging and land reclamation through dredging	River dredging	1	KM	414	414	189.40	189.40	175	185	195
3. Construction and repair of irrigation infrastructures	Constructed &Repaired structures	1	Number	173	173	114	114	120	130	140
4. Construction of Barrages and Rubber Dams	Constructed barrages and rubber Dams	1	Number	1	1	1	1	1	1	1
5. Formation and registration of Water Management Group conduct training and transfer the responsibility of service charge collection to the Group	Formed group	1	Number	12	13	12	15	15	16	17
6. Construction and repair of flood control embankment	Repaired embankment	2	KM	105.20	105.20	105.35	105.35	115	120	125
	Constructed embankment		KM	22	22	11.80	11.80	12	14.00	20.00
7. Excavation and re-excavation of drainage canals	Excavated and re-excavated of drainage canals	2	KM	265	265	250	250	260	270	280
8. Construction and repair of flood control and drainage infrastructures	Constructed and repaired infrastructures	2	Number	47	47	57	55	60	70	80
9. Protection of river bank in order to protect important installations and locality from river erosion	Protection of river bank	2	KM	123.00	123.00	123.00	123.42	130	140	145
	Submersible Spur		number	0	0	10	10	15	20	22
10. Conservation of wetlands, croplands and forests in coastal areas from salinity.	Constructed/ Reconstructed/ Maintenence Coastal Embankment	3	KM	25.10	25.10	33.55	33.55	29.00	31.00	33.00
11. Flood Forecasting and Warning	Forecasting and warning	4	Number	**156**	150	156	150	156	156	156
12. Construction and repair of submersible embankments in haor area.	Construction, reconstruction and repair of submersible embankments	3	KM	**650**	650	660	660	660	670	680
	Constructed Temporary Closer on river & khal		Number	120	120	80	80	85	90	95
13. River dredging/re-excavation to maintain water flow and waterways	River dredging/re-excavation (sequential)	4	KM	**4975**	5345	4175	5533	5796	6092	6322
14. Information & Data Collection for Design and Planning	Surface water Level	4	Station Number	0	0	0	360	362	362	362
	Discharge Measurement		Station Number	0	0	0	137	137	137	137
	Surface Water Quality		Station Number	0	0	0	80	83	84	85
	Sediment/ Sediment Discharge		Station Number	0	0	0	20	25	26	27

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
	Rainfall & Evaporation		Station Number	0	0	0	270	272	274	276
	River Cross-section		Station Number	0	0	0	500	510	520	530
	Groundwater Level		Station Number	0	0	0	900	902	903	904

6.2.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131016000 - Bangladesh Water Development Board	1-14	2143,49,01	2410,11,23	2397,36,98	2620,20,00	2890,10,00	3279,11,00
Total : Support Activity		**2143,49,01**	**2410,11,23**	**2397,36,98**	**2620,20,00**	**2890,10,00**	**3279,11,00**
Total : Operating Activities		**2143,49,01**	**2410,11,23**	**2397,36,98**	**2620,20,00**	**2890,10,00**	**3279,11,00**
Development Activities							
Annual Development Program							
222015900 - Feasibility Study on Integrated Development of Goranchatbari Retention Pond in Dhaka City (01/02/2023-30/04/2025) Approved	6	0	3,35,00	3,35,00	0	0	0
222016600 - Feasibility Study for Rehabilitation of Muhuri-Kahua Flood Control, Drainage and Irrigation Project in Feni District (01/04/2023-30/06/2025) (approved)	6	0	3,16,00	3,16,00	0	0	0
222017700 - Feasibility Study for Updating Previous Study of North Rajshahi Irrigation project and Rehabiltation of Low Lift Pump Irrigation Projects in Dinajpur, Thakurgaon and Panchagarh District (01/07/2024-30/06/2026) (approved)	6	0	0	3,00	3,91,00	5,74,80	0
222017800 - Feasibility Study for Basin-wise Water Resources Management Project of Rivers in Barisal Zone (01/07/2024-30/06/2026) (approved)	6	0	0	3,00	4,02,00	5,94,00	0
222018400 - "Feasibility Study for improvement of drainage congestion in the Bhabodah Area in Jashore District and development of sediment management plan for the Sibsa and Pussur River basins of South-West region of Bangladesh" (01/01/2025-30/06/2026) Approved	6	0	0	0	3,87,00	0	0
223049100 - * Project for Planning Capacity Enhancement and Establishment of a Technology Adaptation Cycle on Comprehensive Nodi (River) Management . (01/07/2023-30/06/2025) Approved	2	0	13,71,00	12,93,00	3,77,00	0	0
224077100 - * Mirsarai Bangladesh Economic Zone Area (BEZA) Flood Control, Road Cum Embankment Protection & Drainage Project in Chit (01/07/2016-31/12/2024) Approved	7	70,00,00	145,94,00	86,17,00	0	0	0
224121500 - Border Rivers Bank Protection and Development Project, Phase-2 (01/07/2017-30/06/2025) Approved	10	79,94,80	50,00,00	50,00,00	0	0	0
224139800 - Bank Protection Work of the Sangu and Dalu Rivers in Satkania and Lohagara Upazilas of Chattogram District (2nd Revised) (01/10/2017-30/06/2025) Approved.	10	49,99,95	75,00,00	66,00,00	0	0	0
224207200 - * Dredging of Mohamanda River and Fubber Dam Project in Sadar Upazila of Chapai Nawabganj District (01/10/2017-30/06/2025) Approved	2,4	69,99,07	40,00,00	41,85,00	1,00	0	0
224207400 - * Rehabilitation of Polder's (67/A, 67, 67/B & 68) along border river of Naf for Improving Bangladesh-Myanmar security at Ukhia & Teknaf Upazilla in Cox's Bazar District. (01/10/2017-30/06/2025) Approved.	9,10	20,00,00	70,00,00	40,00,00	88,00,00	91,89,00	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
224249400 - River Bank Protection Work along the both bank of Karnafuli & Ichamoti River and Shilok Khal at different locations in Rangunia & Boalkhali Upazila of Chittagong District & Kaptai Upazila of Rangamati Hill District.(01/12/2018-30/06/2025)	9	60,00,00	80,00,00	90,66,00	0	0	0
224249500 - Dredging and Bank Protective Work along the Left Bank of Padma River from Majhir Char to Moksedpur via Narishabazar at Dohar Upazila under Dhaka District(01/10/2018 - 30/06/2025) Approved.	2,10	599,42,50	250,00,00	429,61,00	0	0	0
224252100 - Gorai River Dredging & Bank Protection Project (1st Revised) (01/10/2018-30/06/2025) Approved	2	172,00,00	75,00,00	79,00,00	0	0	0
224255500 - Dredging/Re-excavation of Bangali-Karotoa-Fuljor-Hurasagor River System with Bank Protection (1st Revised) (01/11/2019 - 30/06/2025) Approved	2,8,10	650,00,00	300,00,00	312,68,00	0	0	0
224286100 - * Protection of Right Bank from the Erosion of Brahmaputra River in Chilmari & Ulipur Upazila of Kurigram District (01/01/2019-30/06/2025) Approved	9,10	60,00,00	50,00,00	38,00,00	14,00,00	0	0
224287900 - Flood Control, Drainage Improvement and Water Logging mitigation of Chittagong City (1st Revised) (01/02/2019-30/06/2026) Approve	9	99,66,25	250,00,00	733,80,00	313,15,00	0	0
224288100 - Protection of Brahmaputra River left Bank from Ghughumari to Fuluar Char of RoumariUpazilla and from Rajibpur Upazilla Sadar (Member Para) to Mohonganj Bazar of Rajibpur Upazilla in Kurigram District (01/04/2019 - 30/06/2025) (1st Revised) Approved.	10	99,97,28	60,00	25,00,00	0	0	0
224294500 - * Procurement of Small Size Water Vessel for Capacity Buildup of Ministry of Water Resources & of its Organizations (01/07/2019 - 30/06/2023) (1st Revised) Approved	1-14	4,15,88	1,00	12,00	33,00	0	0
224296900 - Rehabilitation of Madhumoti-Nabaganga Sub-project and Re-excavation/Dredging of Nabaganaga River to Revival and Conservation of Environmental Balance in LohagoraUpazila of Narail (1st Revised) (01/07/2019 - 30/06/2026) Approved	2,8	59,94,30	60,00,00	30,00,00	68,41,00	0	0
224309700 - Bank Protection Wrok along the Both Bank of Kushiyara River in front of Bibiyana Power Plants in Habiganj District (1st Revised) (01/01/2020 - 30/06/2026) Approved.	10	129,97,59	70,00,00	55,00,00	150,00,00	0	0
224313000 - Bank Protective Work & Dredging in Arial Khan River at Shibchar Upazila of Madaripur District. (01/01/2020-30/06/2025) Approved	2,10	119,98,45	68,00,00	67,01,00	0	0	0
224313300 - Protection of Charbangdanga and Shajahanpur Area in Sadar Upazila of Chapainawabganj District from the Erosion of Padma River (01/01/2020-30/06/2025 Approved	10	133,02,88	130,00,00	181,01,00	0	0	0
224313400 - * Protection of Establishment from the Erosion of the Padma River on the Left Bank of Charghat and Bagha Upazillas of Rajshahi District (01/07/2020-30/06/2025) Approved	10	199,76,10	120,00,00	90,00,00	65,00,00	0	0
224313600 - River Bank Protective Work Along the Right Bank of Jamuna River from Munshiganj to khanpura and kajirhat to rajdhordia in Bera Upazilla of Pabna District (01/01/2020 - 30/06/2025) Approved.	10	154,98,33	48,00,00	53,00,00	0	0	0
224313700 - * River Bank Protection Work along the Right & Left Bank of Dharla River with Flood Control in Kurigram Sadar, Rajarhut & Fulbari Upazila in Kurigram District (1st revised) (01/03/2022-30/06/2025) Approved	9-10	99,98,50	100,00,00	100,00,00	80,00,00	106,41,60	0
224314100 - Protection from erosion of Jamuna River at Pakerdaha & Balijuri of Madarganj Upazila of Jamalpur district and at Jamthal of Sariakandi Upazila of Bogra district (01/04/2020-30/06/2025) Approved	10	159,99,25	140,00,00	102,00,00	0	0	0
224318400 - Char Development and Settlement Project-Bridging (Additional Financing (BWDB part)' (01/07/2019-30/06/2026) Approved	12	13,78,45	20,00,00	26,16,00	84,87,00	0	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
224318500 - Protection Project at Moulvibazar Sadar, Rajnagor & kulaura Upazilla from erosion of Manu river (01/07/2020-30/06/2026) Approved	10	104,90,84	120,00,00	170,00,00	110,00,00	200,00,00	216,45,50
224318700 - * Drainage Improvement of Polder 1, 2, 6-8 and 6-8 (Extension) in Satkhira District (1st Revised) (01/07/2020 - 30/06/2025) Approved	8	69,98,60	100,00,00	90,00,00	87,60,00	0	0
224319100 - Rehabilitation of Dinajpur Town Protection Project and Dredging/Excavation of Dinajpur Town Adjacent Dhepa and Gorveswari River System (01/07/2020-30/06/2025) Approved	2	129,99,05	40,00,00	36,00,00	0	0	0
224321500 - Protection of Dhulia launchghat, Bauphal Upazila, Patuakhali District to Durgapasha of Bakergonj Upazila in Barisal District from erosion of Tetulia river (01/07/2020-30/06/2026) Approved	10	119,98,65	130,00,00	110,00,00	120,00,00	185,07,00	0
224321600 - * Removal of Drainage Congestion from Kobadak River basin (Phase-2) (01/07/2020-30/06/2025) Approved	7	79,98,00	45,00,00	30,00,00	70,00,00	199,73,15	0
224323900 - Bhairab River Re-excavation Project (Phase-2) (01/08/2020-30/06/2026) Approved	1	64,98,79	70,00,00	60,00,00	40,89,00	0	0
224324000 - Protection of Bank Erosion at Singrabari, Patagram & Baoikhola areas along the Right Bank of Jamuna River at Kazipur Upazila in Sirajganj District (01/10/2020-30/06/2025) Approved	10	189,99,11	85,00,00	116,00,00	0	0	0
224329600 - Protection of Katlamari area at Fulchari Upazila, Gobindi & Holdia area at Saghata Upazila from erosion of the Right Bank of Jamuna River in Gaibandha District (1st revised) (01/01/2021-31/12/2026)	10	99,95,25	100,00,00	170,00,00	100,00,00	180,31,51	0
224334000 - * Protection of Daulatkhan Pouroshova, chokighat and other More Vulnerable Area From the Erosion of the Meghna River in Bhola district. (01/01/2021-30/06/2025)	10	121,98,75	120,00,00	80,00,00	120,00,00	71,08,00	0
224336900 - WEST GOPALGANJ INTEGRATED WATER MANAGEMENT PROJECT (PHASE-II) (01/02/2021-30/06/2025) Approved	1	79,98,95	39,20,00	21,00,00	0	0	0
224337200 - The rehabilitation and extension project of Command Area of Teesta Irrigation Project (01/07/2021-31/2/2026) Approved.	1,3	99,92,35	262,38,00	312,38,00	207,71,00	235,35,40	170,00,00
224337900 - Protection work at the bank of Meghna river at Borokheri, Ludhuabazar and kader ponditer hat areas in Ramgoti and Kamal Nagar upazila under Lakshmipur District (01/07/2021-31/12/2025) Approved.	2,10	135,68,25	400,00,00	400,00,00	350,00,00	550,00,00	1341,00,00
224338600 - * Protection of Right Bank of the Jamuna River at Brahmangram-Hatpachil and it's adjacent areas under Shahjadpur Upazila and Strengthening of Betil Spur-1 and Enayetpur Spur-2 in Sirajgang District (1st revised) (01/07/2021-30/06/2025) Approved	10	69,98,00	130,00,00	230,00,00	135,00,00	0	0
224338700 - Rehabilitation of Tangoan Barrage, Buri Bundh & Bhulli Bundh Irrigation Projects; River Bank Protection and Construction of Combined Water Control Structure in Thakurgaon District (01/07/2021-31/12/2026) Approved	3,10	59,66,00	90,00,00	31,00,00	40,00,00	75,60,00	0
224338900 - Flood Control, Drainage and Irrigation Project at Patiya Upazilla in Chittagong District 01/07/2021-31/12/2025) Approved	12	71,01,10	260,00,00	206,45,00	100,09,00	250,00,00	318,68,00
224341900 - * Management and Improvement of Dudhkumar River Flowing through the Kurigram District (01/10/2021-30/06/2025) Approved	5	49,93,50	100,00,00	150,00,00	100,00,00	90,48,02	150,00,00
224343500 - Bank Protective Work along the Left Bank of Padma River down of Padma Multipurpose Bridge at Louhajong and Tongibari Upazila in Munshigonj District (2nd revised) (01/10/2021-30/09/2026) Approved	10	49,97,85	80,00,00	120,00,00	120,00,00	139,57,94	0
224346700 - Bank protection work & Re-excavation of Small River, Khal, Water Reservoir and Removing water logging in Pirgonj Upazila Rangpur District (01/10/2021-30/06/2025) Approved	1,2,3	59,97,90	45,00,00	30,72,00	0	0	0
224346900 - Protection of the right and left bank of Kirtinasha river in Shariatpur district (01/10/2021-30/06/2024) Approved	10	99,97,60	84,00,00	80,00,00	0	0	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
224348000 - * Rehabilitation of Polder No. 15 in Satkhira District (01/10/2021-30/06/2025) Approved	7	49,94,40	130,00,00	210,00,00	180,00,00	166,02,91	251,00,00
224349700 - Disaster Risk Management Enhancement Project (Component-1, BWDB Part) (1st Revised 01/01/2022-30/06/2026) Approved	9	47,46,20	300,00,00	255,00,00	283,26,00	0	0
224352200 - Flood and Riverbank Erosion Risk Management Investment Program (Project-2) (2nd revised) (01/01/2022-31/12/2025) Approved	9	344,22,22	20,00,00	10,00,00	0	0	0
224354100 - Climate-Smart Agriculture and Water Management (CSAWM) (BWDB Part)	5	5,40,22	180,00,00	185,50,00	385,50,00	571,88,25	9,46,79
224354800 - Rehabilitation of Polder 43/1 and 44B and protection of vulnerable portion from erosion of the Payra river under Barguna district (1st revised) (01/01/2022-31/12/2025)	10	5,00,00	80,00,00	110,00,00	103,54,00	250,00,00	180,00,00
224355600 - Rehabilitation of Polder No.14/1 in Khulna District (01/01/2022-31/12/2025)	10	12,47,50	120,00,00	220,00,00	180,00,00	170,00,00	495,00,00
224357200 - Rehabilitation of Polder 41/6A, 41/6B & 41/7A and protection of vulnerable portion including Betagi town from the erosion of Bishkhali & Payra river under Barguna district. (01/04/2022-31/03/2026) Approved	7,10	4,82,50	80,00,00	100,00,00	110,69,00	250,00,00	310,00,00
224357600 - Rehabilitation of Coastal Embankment with Drainage Improvement & Bank Protection at Mujib Nagar & Monpura of Bhola District (1st Phase) (01/04/2022-30/09/2025) Approved	10	29,99,20	300,00,00	300,00,00	200,00,00	186,69,00	200,00,00
224357800 - * Rehabilitation of Coastal Embankment with Drainage Improvement and Bank Protection at Tazumuddin and Lalmohan Upazila (1st Phase) (01/04/2022-30/06/2025) Approved	9-10	29,99,40	300,00,00	300,00,00	200,00,00	190,00,00	79,00,00
224359500 - River Bank Protection, Wave Protection and Re-Excavation of Khal in Ten Upazilas of Kishoreganj District. (01/07/2022-31/12/2026) Approved	1,8	9,25,00	100,00,00	220,00,00	120,00,00	174,00,00	0
224360700 - River Bank Protection Work at Kaliganga River to protect Nababganj Upazila of Dhaka District and Saturia, Ghior, Manikganj Sadar and Singair Upazila of Manikganj District from the Erosion of Kaliganga River. (01/07/2022-31/12/2025) Approved	10	2,94,00	100,00,00	230,71,00	172,84,00	0	0
224361100 - Improvement of Drainage & Irrigation system at Purbodhola Upazila in Netrokona District (01/07/2022-31/12/2025) Approved	8	34,50	70,00,00	50,00,00	30,87,00	0	0
224362600 - * Protection of Khagrachari Town & Adjoining Infrastructures from River Bank Erosion (01/07/2022-30/06/2025) Approved	9-10	20,00,00	120,00,00	80,00,00	100,00,00	200,00,00	103,15,00
224363200 - Protection of Morrelganj Upazila Sadar and adjacent areas from erosion of Panguchi river in Bagerhat District and Re-excavation of Bishkhali river (01/07/2022-31/12/2025) Approved	10,15	7,95,00	100,00,00	110,00,00	162,16,00	200,00,00	135,00,00
224367700 - River Bank Protective Work to Protect Vederganj Upazilla of Shariatpur District from Erosion of the Padma River (01/01/2023-31/12/2025) Approved	10	9,98,35	100,00,00	200,00,00	129,95,00	0	0
224370700 - Protection of Baghrua and Karnapur Village from the erosion of Kangsha River under Sadar and Barhatta Upazilas of Netrokona District (01/01/2023-30/06/2025) Approved	7,10	48,84	16,00,00	18,70,00	0	0	0
224371000 - * Pilot Geocell protection project at submersible embankment of Shanir haor for a length of 2.00 km at Jamalganj & Tahirpur upazila in Sunamganj district (01/01/2023-30/06/2024) Approved	11,14	0	2,00,00	1,00	0	0	0
224372200 - Construction of Multipurpose Hydraulic Elevator Dam across Shrimai Khal at Patiya, Chattogram District (01/01/2023-30/06/2026) Approved	4	0	62,25,00	35,00,00	66,00,00	0	0
224372300 - RIVER BANK PROTECTION WORK OF BARISHAL CANTONMENT AREA FROM THE EROSION OF KARKHANA, BIGHAI AND PAYRA RIVER IN BARISHAL DISTRICT (1ST PHASE). (01/01/2023 - 31/12/2026) Approved	7,10	0	150,00,00	170,00,00	130,00,00	150,00,00	195,00,00

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
224372600 - * Rehabilitation of Meghna-Dhonagoda Irrigation Project and River Bank Protection. (01/01/2023-30/06/2025) Approved	10	0	80,00,00	70,00,00	80,00,00	153,00,00	0
224373800 - * Flood Reconstruction Emergency Assistance Project (01/04/2023-30/06/2025) Approved	1-14	0	130,00,00	378,82,00	238,99,00	0	0
224374500 - RIVER BANK PROTECTION TO PROTECT THE TRADITIONAL STRUCTURES SUCH AS KUMUDINI HOSPITAL, BHARATESHWARI HOMES ETC UNDER KUMUDINI WELFARE TRUST FROM THE EROSION OF LAUHOJONG RIVER UNDER MIRZAPUR UPAZILA OF TANGAIL DISTRICT (01/04/2023-30/06/2025)	3,9	0	26,00,00	20,45,00	0	0	0
224375300 - * Protective Work along the Right Bank of Kushiyara River at Fesibazar and Bhangabari of Upazila-Jagannathpur in District-Sunamganj (01/01/2023-30/06/2025)	10	0	34,00,00	35,00,00	7,65,00	0	0
224375500 - River bank protection work to protect charkawa, chandmari, jaguar, lamchori & charmonai area from the erosion of kirtonkhola river at barishal sadar upazila in barishal district (1st phase)	1-4	0	150,00,00	170,00,00	130,00,00	162,02,00	0
224375600 - * Protective Work along the Right Bank of Kushiyara River at Bagmoyna of Upazila-Jagannathpur in District-Sunamganj (01/07/2023-30/06/2025)	10	0	21,00,00	21,00,00	18,74,00	0	0
224377200 - Bank protective works along the left bank of Madhumati River to protect the connecting road to Shahid Birsreshtho Munshi Abdur Rouf Smriti Museum including other areas and dredging Project.	2	0	80,00,00	150,00,00	130,00,00	160,00,00	0
224378000 - Permanent Rehabilitation of damaged embankment with slope protection work of Polder No-72 at Sandwip upazila of Chattogram district.	1-4	0	76,02,00	19,02,00	120,00,00	200,00,00	236,22,00
224378400 - Construction of Urir Char-Noakhali Cross Dam for Reclamation of Land	2	0	10,00,00	50,00	50,00,00	250,00,00	285,00,00
224379000 - * River bank protection work to protect barishal airport area from the erosion of sugandha river at babugonj upazila in barishal district	10-11	0	26,00,00	10,55,00	22,01,00	0	0
224379100 - Re-Excavation of Ayman River & River Bank Protective Work in upazila-Muktagacha (01/09/2023-30/06/2026) approved.	1,10	0	30,00,00	25,00,00	13,05,00	0	0
224379800 - Rehabilitation of Flood Control Embankment (Jibon Rokkha Bandh) at Raipur Union & River Bank Protection Work from the Erosion of Kangsha River at Barhatta Upazila in Netrokona District.	7	0	30,00,00	25,00,00	14,97,00	1,17,00	0
224380900 - Implementation of Protective Work to Protect the Infrastrutures Constructed at Noler Char of Hatiya Upazila in Noakhali District from the Erosion of Meghna River.	3	0	80,00,00	100,00,00	120,00,00	154,00,00	0
224382100 - Re-Excavation of Shuvadya Khal along with Development and Protection of it's both Banks at Keraniganj Upazila in Dhaka District (1st Phase)	10	0	70,00,00	17,50,00	127,24,00	171,00,00	0
224383200 - Re-excavation of Karotoa river & slope protection work along the right bank of Karotoa river by D.C office and adjacent area of Bogura district (1st revised) (01/11/2023-30/06/2025)	1,10	0	33,00,00	31,12,00	0	0	0
224384200 - Implementation of Integrated Water Resources Management for Improvement of Drainage Congestion in Tungipara & Kotalipara upazila under Gopalgonj district	1-14	0	90,00,00	52,65,00	136,00,00	187,65,00	442,24,23
224384700 - Bank Protection of different areas under Sonagazi & Dagonbhuyan Upazillas of Feni District From the erosions of little Feni River and Feni River. (01/01/2024-30/06/2026) approved.	3,10	0	10,00,00	10,00,00	36,70,00	0	0
224386100 - Resuscitation of Ichamoti River in Pabna District Project (01/11/2023-30/06/2027) Approved	2	0	100,00,00	65,00,00	200,00,00	250,00,00	1070,07,00

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
224387400 - River Bank protection along the Right Bank of Padma River at Majirghat Zero point area of Zajira Upazila in Shariatpur District	1-4	0	80,00,00	270,00,00	150,00,00	200,00,00	207,00,00
224387700 - RIVER BANK PROTECTION WORK OF OLD HIZLA, BAUSHIA & HORINATHPUR AREA OF HIZLA UPAZILLA FROM EROSION OF MEGHNA BRANCH RIVER IN BARISHAL DISTRICT	1-4	0	70,00,00	100,00,00	100,00,00	150,00,00	265,00,00
224388100 - Rehabilitation of Chandpur Town Protection Project	14	0	70,00,00	90,00,00	100,00,00	200,00,00	432,35,00
224392900 - Protection of Talbaria area of Mirpur Upazila & Kamorkandi area of Shelaidah union of Kumarkhali upazila in kushtia district from the erosion of padama river	10,12	0	80,00,00	250,00,00	350,00,00	300,00,00	568,29,00
224393000 - RIVER BANK PROTECTIVE WORK AT DIFFERENT PLACES OF JHALAKATHI SADAR AND NALCITY UPAZILLA OF JHALAKATHI DISTRICT FROM THE EROSION OF SHUGANDHA RIVER	1-4	0	50,00,00	50,00,00	120,00,00	250,00,00	279,00,00
224393500 - Protection of Bhola Sadar Upazila from Erosion of the Meghna River	10-11	0	60,00,00	90,00,00	100,00,00	250,00,00	246,38,00
224396000 - Jamuna River Sustainable Management Project-1: Riverbank Protection and Riverbank Training (Component-1) (01/09/2023-31/12/2027) Approved	12	0	26,72,00	17,29,00	275,00,00	319,67,00	178,63,78
224399200 - River Bank Protection Work of Right Bank and Left Bank of transboundary Someshwari River at Durgapur Upazila in Netrokona Distrcit (01/04/2024-30/06/2026) (approved)	10	0	0	4,60,00	25,00,00	15,11,00	0
224399700 - Bank protection work to protect Monsur Ahmed womens colledge, Ispinjapur and Gopalpur bazar from the erosion of Kangsha River at Barhatta upazila in Netrokona district (01/07/2024-30/06/2026) (approved)	10	0	0	50,00	20,00,00	23,00,00	0
224399800 - Re-Excation of Kachamatia River and Bank Protective Work to Project Rasulpur village in upazila:-Nandail, District Mymensingh (01/07/2024-30/06/2026) (approved)	15	0	0	10,00,00	38,61,00	0	0
224400400 - Bank protection work along the bank of Karnafuli River & other connecting khals at different locations in Boalkhali Upazila of Chattogram District (01/07/2024-31/12/2026) (approved)	10	0	0	20,34,00	60,00,00	53,15,00	0
224400500 - Sustainable water management project at Banshkhali and Anwara Upzilla in south Chattogram(1st Phase) (01/07/204-30/06/2027) (approved)	5	0	0	120,00,00	170,00,00	150,00,00	434,00,00
224402600 - To maintain normal water flow, retain water during dry season and improvement of Bhuboneshwar canal system under Bhandaria Upazila of Perojpur district (01/07/204-30/06/2026) (approved)	8-9	0	0	25,00	8,89,00	0	0
224405600 - “Protection work at the Right bank of Shyandha river to protect Launch Ghat, Ferry Ghat, Indurhat Bandar and adjacent area in Nesarabad (Swarupkathi) Upazila under Perojpur district.” (01/01/2025-31/12/2026) (approved)	10	0	0	25,00	20,00,00	26,90,00	0
224405700 - “Bank Protective Work at Matamuhuri River to Protect Lamabazar Lama Upazilla of Bandarban District” (01/12/2024-30/06/2026) (approved)	10-11	0	0	50,00	20,00,00	12,82,00	0
Total : Annual Development Program		**5444,75,45**	**8306,34,00**	**10190,38,00**	**8138,29,00**	**8535,29,58**	**8797,94,30**
Total : Development Activities		**5444,75,45**	**8306,34,00**	**10190,38,00**	**8138,29,00**	**8535,29,58**	**8797,94,30**
Total :		**7588,24,46**	**10716,45,23**	**12587,74,98**	**10758,49,00**	**11425,39,58**	**12077,05,30**

6.3 River Research Institute

6.3.1 **Recent Achievements:**12 Physical Model Surveys and Mathematical Model Survey Reports have been prepared by carrying out model testing work during the last 3 years of activitiesabout4548 sample tests related to soil sampling, quality control (quality of infrastructure related products) and sediment and chemistry have been carried out.Research work on physical and biological variables and ecological, morphological and ecological impact analysis of Cox's Bazar Bakkhali River and assessment of eco-

hydrological characteristics and water quality of Surma River has been completed in FY 2022-23.Apart from this, the research work on performance analysis of concrete pillars with bamboo in bundle like-structure was started in FY 2022-23 and completed in FY 2024-25.

6.3.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
1. Conduct a study of physical and mathematical models.	Model Study Report Sample test	4	Number	2	4	4	2	2	2	2
2. Basic and applied research on water resources and sample testing.	Model study	1	%	100%	100%	100%	100%	100%	100%	100%
	Research conducted	1	Number	2	2	2	2	3	3	3

6.3.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131016100 - River Research Institute	1-2	16,43,85	21,91,00	21,28,00	26,38,40	29,10,25	32,78,00
Total : Support Activity		**16,43,85**	**21,91,00**	**21,28,00**	**26,38,40**	**29,10,25**	**32,78,00**
Total : Operating Activities		**16,43,85**	**21,91,00**	**21,28,00**	**26,38,40**	**29,10,25**	**32,78,00**
Total :		**16,43,85**	**21,91,00**	**21,28,00**	**26,38,40**	**29,10,25**	**32,78,00**

6.4 Water Resources Planning Organization

6.4.1 Recent Achievements: The Bangladesh Water Rules 2018 have been formulated on the basis of the Bangladesh Water Act, 2013. In the last 3 years, 175 proposed development projects have been cleared, and 48 industrial establishments have been granted no-objection for groundwater extraction under the authority of the 'clearing house' described in the National Water Policy. An additional 7 data layers have been added to the existing 60 data layers in the national water resources database established at WARPO. An additional 7 data layers have been added to the existing 1130 data layers in NWRD and ICRD.

6.4.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
1. Update the National Water Management Plan (NWMP) for balanced use of ground and surface water.	Number	1	Number	1	1	1	1	1	1	1
2. Conduct Clearing House	Given feedback for project clearance	1	Number	30	35	30	30	31	32	33
3. Conducting survey activities for project formulation for proper management of water resources in accordance with Bangladesh Delta Plan-2100	Project report and tools prepared	1	Number	2	2	2	2	2	2	2
4. Compilation, preservation and updating of the National Water Resources Database (NWRD	Increased or developed data layer	1	Data Layer	5	3	5	5	5	5	4
	Number of letters given to the individual or organization to receive data		Number of Data receiver	50	50	50	50	50	50	48

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
5. Providing assistance in implementing Bangladesh Delta Plan 2100 through monitoring and evaluation of projects implemented under the programs included in the Water Resources Management Plan and the formulation of the Climate Smart Integrated Coastal Resources Database (CSICRD	Progress report on the establishment of CSICRD	3	Number	1	1	1	1	1	1	1
6. Implementation of Bangladesh Water Act 2013	Conducted workshop and training activities	1	Number	5	5	5	5	5	6	7
7. Measurement of Groundwater Availability	Water quality determination numbers	4	Number of layers	0	0	0	900	960	1200	1440

6.4.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
Support Activity							
131016200 - Water Resources Planning Organization (WARPO)	1-4	13,03,91	22,34,00	20,25,44	22,80,00	24,34,01	25,26,09
Total : Support Activity		**13,03,91**	**22,34,00**	**20,25,44**	**22,80,00**	**24,34,01**	**25,26,09**
Total : Operating Activities		**13,03,91**	**22,34,00**	**20,25,44**	**22,80,00**	**24,34,01**	**25,26,09**
Development Activities							
Annual Development Program							
223054100 - Aquifer Mapping Preparation and Water Stress Area Assessment in 13 Districts of the North-West Hydrological Regions of Bangladesh (01/01/2025-30/06/2028) (approved)	1	0	0	36,00	21,87,00	0	0
224384300 - Assessment of water resources availability and lowest safe yield of aquifer in 10 districts of the North-Central Hydrological Regions of Bangladesh for effective implementation of Bangladesh Water Act, 2013 (01/07/2023-30/06/2026) Approved	3	0	20,83,00	8,40,00	19,38,00	0	0
Total : Annual Development Program		**0**	**20,83,00**	**8,76,00**	**41,25,00**	**0**	**0**
Total : Development Activities		**0**	**20,83,00**	**8,76,00**	**41,25,00**	**0**	**0**
Total :		**13,03,91**	**43,17,00**	**29,01,44**	**64,05,00**	**24,34,01**	**25,26,09**

6.5 Bangladesh Haor and Wetlands Development Board

6.5.1 Recent Achievements: A list and map of all wetlands in the country, including ponds up to decimal in size, has been prepared. Additionally, a Lidar survey covering an area of 120 square km in the vicinity of Tanguar Haor has been conducted.Wetland management frameworks have been developed considering biodiversity, fisheries, agriculture, forestry and quality of life development.Through the project titled “Comprehensive Feasibility Study for Sustainable Restoration of Wetlands in different Hydrological Regions of Bangladesh”, 85 special rivers (which originate from wetlands) of the country have been fully identified. 76 wetlands have been identified through the survey project andEngineering and biological intervention have been proposed.By implementing the proposed interventions, it will be possible to conserve and restore identified wetlands and connect wetlands and rivers.

6.5.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
1. Taking integrated survey project of water and land resources to improve the quality of life of the people of the Arial Beel area	Study report	3	Number	1	1	1	1	3	0	0
2. Undertaking survey project for updating Haor Master Plan (2012-2032	Study report			1	1	1	1	3	0	0
3. Taking an integrated survey project of water and land resources to improve the quality of life of the people of the Chalan Beel area	Study report			0	0	1	1	2	2	0

6.5.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1470201 - Department of Bangladesh Hoar and Waterland Development	1-2	1,98,11	10,66,00	9,75,75	13,54,00	15,89,40	18,48,34
Total : General Activity		**1,98,11**	**10,66,00**	**9,75,75**	**13,54,00**	**15,89,40**	**18,48,34**
Total : Operating Activities		**1,98,11**	**10,66,00**	**9,75,75**	**13,54,00**	**15,89,40**	**18,48,34**
Development Activities							
Annual Development Program							
222016800 - * Comprehensive Study for Evaluation and Updating of Haor Master Plan (01/07/2023-31/12/2024) Approved	3	0	3,36,00	3,36,00	0	0	0
222018300 - Study on Livelihood and Integrated Management of Land and Water Resources in Chalan Beel Area with a View to Restoring Chalan Beel (01/10/2024-30/06/2026) (approved)	1-3	0	0	2,66,00	10,32,00	0	0
224384500 - Comprehensive Study on Livelihood and Integrated Management of Land and Water Resources in Arial Beel Area. (01/10/2023-30/06/2025) Approved	1-4	0	6,56,00	6,56,00	0	0	0
Total : Annual Development Program		**0**	**9,92,00**	**12,58,00**	**10,32,00**	**0**	**0**
Total : Development Activities		**0**	**9,92,00**	**12,58,00**	**10,32,00**	**0**	**0**
Total :		**1,98,11**	**20,58,00**	**22,33,75**	**23,86,00**	**15,89,40**	**18,48,34**

6.6 Joint River Commission

6.6.1 **Recent Achievements:**The Joint Rivers Commission, Bangladesh, has taken appropriate steps for regional and international cooperation in improving the quality of life of people through the proper distribution of 54 cross-border river waters between Bangladesh and India. Over the last three years, 15 meetings were organized to facilitate these efforts.Besides, 3 meetings have been held in the last 3 years with the aim of increasing mutual cooperation with Nepal through exchange of flood forecasting and other technical information on rivers.According to the Ganga River Water Distribution Agreement signed in 1996, water distribution activities have been carried out in Farakka during the dry season in the last 3 years.In addition, flood forecasting has been provided based on flood data from India, Nepal and China.According to the Ganga Treaty, the survey related to the impact assessment of the water received by Bangladesh in various areas and the study related to the preparation of the position paper for the purpose of determining the fair share in Bangladesh for the purpose of renewing the ongoing Ganga Treaty, 1996 have been completed.In addition, a survey has been completed to prepare a database on water quality of 38 transboundary rivers flowing between Bangladesh and India.The commission is operating as the national focal point for the implementation of indicator 6.5.2 of the Sustainable Development Goals.

6.6.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2023-24		2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8	9	10	11
1. Collection, preservation and compilation of information on water resources of transboundary rivers	Prepared database of transboundary rivers	1	Number	2	2	2	3	3	3	3
2. Arrangement of bi-lateral and multi-lateral meetings	Holding meetings of the Joint Rivers Commission and different committees	4	Number	5	5	7	5	6	7	8
	Holding a meeting of Nepal- Bangladesh joint expert committee			1	1	1	1	2	2	2
	Holding a meeting of China - Bangladesh joint research-oriented and technical committee			1	1	1	1	1	1	1
3. Collect flood-related data and information related to transboundary rivers	Receiving flood-related data and information from India, Nepal and China	4	Number	8	8	8	8	8	8	8
4. Joint observation of water flow of the river Ganges	Observation of Ganges water at Farakka as	4	Number	1	1	1	1	1	1	1

6.6.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2023-24	Budget	Revised	Medium Term Expenditure Estimates		
			2024-25		2025-26	2026-27	2027-28
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131015900 - Joint Rivers Commission, Bangladesh	1-4	6,92,70	6,41,00	5,94,95	7,80,00	8,60,00	9,50,00
Total : Support Activity		**6,92,70**	**6,41,00**	**5,94,95**	**7,80,00**	**8,60,00**	**9,50,00**
Total : Operating Activities		**6,92,70**	**6,41,00**	**5,94,95**	**7,80,00**	**8,60,00**	**9,50,00**
Total :		**6,92,70**	**6,41,00**	**5,94,95**	**7,80,00**	**8,60,00**	**9,50,00**