



## Pagla Sewage Treatment Plant in Progress

Reconstruction, Expansion and Operation works of Pagla Sewage Treatment Plant (STP) of Dhaka WASA under Dhaka Sanitation Improvement Project (DSIP) is in progress. Foundation stone for reconstruction, expansion, and operation works of Pagla Sewage Treatment Plant was laid down in July 2023 in Pagla.

VA Tech WABAG, world leading company in the water and wastewater treatment field, has been awarded on DBO (Design, Build and Operate) basis. The scope of works includes Design, Engineering, Supply, Construction, Installation and Commissioning of the 200 MLD STP followed by Operation and Maintenance for a period of 60 months. The DSIP is financed by the World Bank, Asian Infrastructure Investment Bank (AIIB) and GoB under DSIP. Moreover, there is a provision for future expansion up to 800 MLD to meet the growing demand of the Pagla catchment area.

Dhaka WASA initiated DSIP with the objectives of increasing access to safely managed sanitation services in select areas of Dhaka and improving efficiency in sanitation service delivery of Dhaka WASA. Around 1.4 million people will be benefited by this project through

reconstruction/construction of 22 km of Trunk Mains, 462 km of sewerage networks and 4 lifting and/or pumping stations which covers 65.17 sq. km areas in the southern parts of the megacity including Kalabagan, Mogbazar, Shahbag, Eskaton, Arambag, Paltan, Shahidbag, Motijheel, Rampura, Taltola, Bashaboo, Golapbag, Ahmedbag, Saidabad, Goran, Baganbari, Khilgaon, West Nandipara, Sabujbag, East Nandipara, Natunpara, Rajarbag, Golapbag East.

The treatment process of this plant is Activated Sludge Treatment Process where a part of the energy demand will be fulfilled by using the Green Fuel i.e. the electricity produced from the biogas. The biogas will be produced from the treatment process of the plant and that will ultimately contribute to the reduction of the amount of sludge by approximately 30%. This treatment plant also meets the best-in-class Environmental norms and the production of Renewable Energy contributes to the cause of combating global climate change.

Commenting on this occasion, Mr. Rajiv Mittal, Chairman and Managing Director of VA Tech WABAG

said, “Being a water technology company it has been our endeavor to promote innovative and sustainable technologies for water and wastewater management that ensures improved water and sanitation for people across the globe and aligns to SDG 6 of the UN. Pagla STP reinforces our commitment by playing a crucial role ensuring efficient treatment and discharge of treated wastewater and thus will improve water quality of the Buriganga-Dhaleswari system.”

The event was organized at Bangabandhu International Conference Center (BICC) and

was attended by distinguished guests including the then Prime Minister of Bangladesh, HE Mr. Yao Wen, Chinese Ambassador to Bangladesh, senior government and DWASA officials, and other dignitaries from the World Bank and AIIB.

Pagla Sewage Treatment Plant (PSTP) was first started in 1978 with 4 facultative lagoons which were further renovated in 1991-92 financed by JICA to serve about 500,000 citizens in Dhaka city. The capacity of this treatment plant is 120,000 m<sup>3</sup>/day. The plant is located 8 km away at the south-east portion of Dhaka city and about 1 km north of the Buriganga river.

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## Dasherbandi Sewage Treatment Plant Largest in South Asia



Dasherbandi, South Asia’s largest single sewage treatment plant (STP), and first of its kind in the country, having a capacity of treating 500 million liter sewage per day, at the city’s Khilgaon area, was formally commission operation in July last year, which is a step forward to save the rivers surrounding the capital from pollution.

Briefing the newsmen before the formal commission of the plant on 13 July 2023, the senior officials of Dhaka Water Supply and Sewerage Authority (DWASA), at its office

site in Dhaka’s Aftabnagar said, the plant has the capacity of treating 500 million liter of sewage everyday which is 20-25% of the total sewage of the capital city.

The Dhaka WASA officials said they will build four more sewage treatment plants, one each in Pagla, Uttara, Rayerbazar and Mirpur areas in accordance with a master plan to treat 100% sewage of Dhaka city by 2030, 90% of which through pipeline coverage and remaining 10% collecting from houses.

The plant helps implement SDG Goal-6 by ensuring a better waste management system across the country by 2030, the officials said, and the government is committed to improving the water and sanitation scenario of its urban settlements in the eighth FYP.

The project has a sludge drying-incineration system with a processing capacity of about 560 tons per day. The officials further said fly ashes, a by-product of the sewage, will be sold to the cement factories as those are required to

produce cement, adding that three cement factories are now taking the fly ashes on experimental basis and formal agreements will later be signed with them.

The Dasherbandi Sewage Treatment Plant, which falls within Khilgaon Police Station, is adjacent to Aftabnagar and will treat sewage of several areas of the capital, including Gulshan, Banani, Tejgaon, Niketon, Moghbazar, Malibag, Aftabnagar, Badda, Kalabagan, Panthapath, Dhanmondi and Hatirjheel.



**DWASA and BWDB  
Joint Workshop  
Save  
rivers and  
waterbodies  
for livable  
environment**

Country’s rivers and waterbodies must be protected to ensure a livable environment for people and biodiversity as well. We have to keep pace with the rivers and nature to prevent environmental degradation. By going against nature, we can never bring benefits. Everyone should work together to ensure sustainable development and combat climate change, said the participants in a workshop jointly organised by Dhaka WASA and Bangladesh Water Development Board (BWDB). They also said that

the people need to know how to live and co-exist with floods and natural disasters.

The workshop was held at the Pani Bhaban in February 2024, participated by ministers of the Ministries of Local Government, Rural Development and Cooperatives, Water Resources, and Environment, Forest and Climate Change and senior officials from Dhaka WASA and BWDB.

Interruption of normal flow of rivers destroys the environment and

biodiversity. Emphasis should be given to water resource management, flood control, addressing climate change impacts and sustainable use of water resources, said the workshop participants. They said Bangladesh’s future water development efforts must have to proceed with a specific goal and objective. Prominent economist, water resources and environment expert Dr. Nazrul Islam also attended the workshop, among others.



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# Bill Collection Award Ceremony

## Service providers need to be financially self-sufficient

It is important for any service-providing corporations, agencies or organisations to be financially self-sufficient to provide better, uninterrupted and sustainable services to its customers. Subsidy-based services cannot be a regular, permanent and viable solution. Every service providing corporation needs to build its own financial and other capabilities to become a trustworthy and self-sustainable organisation by providing best services to its customers, said senior officials of the Ministry of Local Government, Rural Development and Cooperatives (LGRD & C) and Dhaka Water Supply and Sewerage Authority (DWASA).

They were speaking at the Dhaka WASA Bill Collection Award Ceremony at Pan Pacific Sonargaon Dhaka on the 10th of March this year. The event was presided over by the then Managing Director of Dhaka WASA.

First Security Islami Bank PLC achieved the first position for collecting the highest bill among the 40 banks and mobile financial services selected by Dhaka WASA in the financial year 2022-2023. It is the fifth consecutive year the bank has secured the top position in collecting the Dhaka WASA bill.

The senior officials of the ministry handed over the certificate and crest

to Mr. Muhammad Mustafa Khair, the Managing Director of First Security Islami Bank for securing the first position.

Among others, Mr. Muhammad Ibrahim, the then Secretary, Local Government Division, Ministry of LGRD & C; Dr. Md. Khairuzzaman Mozumder, Secretary, Finance Division, Ministry of Finance, and Prof. Dr. Sujit Kumar Bala, Chairman of Dhaka WASA Board, also attended the event as Guests.

The First Security Islami Bank receives Dhaka WASA bills on a real-time basis through any FSIB branch, sub-branch and mobile app 'FSIB Cloud'.

