

## MANAGEMENT INFORMATION SYSTEM REPORT FOR THE MONTH OF JANUARY-2023

WASA BHABAN
DAMPARA
CHATTOGRAM, BANGLADESH

Phone: 880-31-2851806

Fax: 880-31-610465

Email: info@ctg-wasa.org.bd

## Chattogram Water Supply & Sewerage Authority Monthly MIS Report

January 2023

Unit % %	This month	Year to date	Previous year actual	This year target *1	Evaluation F *2	++ Too g
%	31		actual	target *1	an de magnine	! Very L
%	31			targer	an esparaturas	ELLI GARLA (BABRAY)
%	31					
%	31				-40%	The page of Man, and the
		32	30	23	-6%	÷
Da.: 1	93	87	93	99	100 1000	
Day	212	229	282	263	13%	
Nos.	6.8	N/A	7.3	8.5	20%	
Ratio	0.60	0.62	0.79	0.72	14%	
%	93	N/A	95	100	-7%	
No./month	200	1,400	2,400	1 8	1	
	0.32	0.35	0.38	l second		++
		N/A	62	75		
2003		17.40	14.28	15.28	100000000000000000000000000000000000000	++
			12.31	20.53	25%	++
			The control of the co			
			86,788	91,700	-3%	
1	E C		81,005	85,700	-3%	
1			5,783	6000	2%	
	50°000	1	78,980	84,000	-3%	
1	1	, ,				
%	93	N/A	93	93	0%	
1	7	00 X0A1751-1400	7	7	2%	
Nos	77 190	NIA	77,176	81,700	-6%	
0 00-0-0	1	10.0000		4,000	-56%	!
00 300000000000000000000000000000000000				106	1%	
20 50000000000			200000	100	0%	
7.000				100	-7%	
1	1	10 000000 00		689	0%	
	0.000	1	500	368	0%	
				75	-17%	
			98	98	-1%	
	No./month No./km/mth % Tk/m3	No./month 200 No./km/mth 0.32 % 62 Tk/m3 19.62 Tk/m3 8.96  Nos. 89,375 Nos. 83,524 Nos. 5,851 Nos. 81,333 % 93 % 7  Nos. 77,190 Nos. 6,229 Nos. 105 % 100 % 93 Nos. 689 Nos. 368 % 62	No./month No./km/mtr         200         1,400           No./km/mtr         0.32         0.35           %         62         N/A           Tk/m3         19.62         17.40           Tk/m3         8.96         15.37           Nos.         89,375         N/A           Nos.         83,524         N/A           Nos.         5,851         N/A           Nos.         81,333         N/A           %         93         N/A           %         7         N/A           Nos.         6,229         N/A           Nos.         105         N/A           %         93         N/A           Nos.         689         N/A           Nos.         689         N/A           Nos.         368         N/A           %         62         N/A	No./month No./km/mtr         200         1,400         2,400           No./km/mtr         0.32         0.35         0.38           %         62         N/A         62           Tk/m3         19.62         17.40         14.28           Tk/m3         8.96         15.37         12.31           Nos.         83,524         N/A         81,005           Nos.         5,851         N/A         5,783           Nos.         81,333         N/A         78,980           %         93         N/A         7           Nos.         6,229         N/A         3,723           Nos.         105         N/A         106           %         100         N/A         95           Nos.         689         N/A         689           Nos.         368         N/A         689           Nos.         368         N/A         368           %         62         N/A         62	No./month         200         1,400         2,400         2,400           No./km/mtr         0.32         0.35         0.38         5.04           %         62         N/A         62         75           Tk/m3         19.62         17.40         14.28         15.28           Tk/m3         8.96         15.37         12.31         20.53           Nos.         89,375         N/A         86,788         91,700           Nos.         83,524         N/A         81,005         85,700           Nos.         5,851         N/A         5,783         6000           Nos.         81,333         N/A         78,980         84,000           %         93         N/A         78,980         84,000           %         93         N/A         77,176         81,700           Nos.         6,229         N/A         3,723         4,000           Nos.         6,229         N/A         106         106           %         100         N/A         100         100           %         100         N/A         95         100           %         93         N/A         689 <t< td=""><td>No./month No./month No./km/mtt         93         N/A         2,400         2,400         -92%           No./month No./km/mtt         0.32         0.35         0.38         5.04         93%           Ye         62         N/A         62         75         -17%           Tk/m3         19.62         17.40         14.28         15.28         28%           Tk/m3         8.96         15.37         12.31         20.53         25%           Nos.         83,524         N/A         81,005         85,700         -3%           Nos.         5,851         N/A         5,783         6000         2%           Nos.         81,333         N/A         78,980         84,000         -3%           %         93         N/A         7         7         2%           Nos.         6,229         N/A         3,723         4,000         -56%           Nos.         105         N/A         106         106         1%           %         100         N/A         95         100         -7%           Nos.         689         N/A         689         689         0%           Nos.         689         N/A<!--</td--></td></t<>	No./month No./month No./km/mtt         93         N/A         2,400         2,400         -92%           No./month No./km/mtt         0.32         0.35         0.38         5.04         93%           Ye         62         N/A         62         75         -17%           Tk/m3         19.62         17.40         14.28         15.28         28%           Tk/m3         8.96         15.37         12.31         20.53         25%           Nos.         83,524         N/A         81,005         85,700         -3%           Nos.         5,851         N/A         5,783         6000         2%           Nos.         81,333         N/A         78,980         84,000         -3%           %         93         N/A         7         7         2%           Nos.         6,229         N/A         3,723         4,000         -56%           Nos.         105         N/A         106         106         1%           %         100         N/A         95         100         -7%           Nos.         689         N/A         689         689         0%           Nos.         689         N/A </td

' now L

	,	Unit	This month	Year to date	Previous	This		Remarks *3
					year	year	*2	++ Too goo
DV Toriff	and the second control of the control of the second control of the				actual	target *1	. 100, at 1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! Very ba
B) Tariff	Domestic						220/	++
B 1		Tk/m3	18.00	N/A	13.02	13.67	32%	1 77
B 2	Non-domestic	Tk/m3	37.00	N/A	31.82	33.41	11%	
В 3	Street Hydrant	Tk/m3	18.00	N/A	13.02	13.67	32%	++
B 4	Religious Institutions	Tk/m3	18.00	N/A	13.02	13.67	32%	++
B 5*	Average tariff	Tk/m3	19.62	17.40	14.28	15.28	28%	++
	g and Collection				LANGER BURNES			
C 1	Total billing	Tk	192,252,745	1,223,631,685	1,646,498,206	1,931,900,000	9%	
C 1.1*	Private	Tk	168,200,352	1,069,559,712	1,417,237,972	1,552,430,000	18%	
C 1.2*	Government	Tk	24,052,393	154,071,973	229,260,234	379,470,000	-30%	!
E 2	Billed volume (Total Volume Accounted)	ML	9,801	70,331	115,273	126,470	-5%	
G 3	Total collection	Tk	178,807,994	1,058,939,551	1,532,296,451	1,916,900,000	-5%	
C 3.1*	Private	Tk	161,117,299	968,903,160	1,385,932,394	1,712,297,000	-3%	
C 3.2*	Government	Tk	17,690,695	90,036,391	146,364,057	204,603,000	-25%	
C 4*	Revenue collection efficiency(monthly coll.+outstand, Coll.)/monthly bill.	%	93	87	93	99	-6%	
C 4.1*		%	96	91	98	110	-13%	
C 4.2*		%	74	58	64	54	36%	++
D) Fina	ncial data						2 1910	And the second s
D 1	Revenue (Total)	Tk	201,639,800	1,213,487,085	1,828,840,771	2,296,850,000	-9%	
D 1.1	Water revenue	Tk	178,807,994	1,058,939,551	1,532,296,451	1,916,900,000	-5%	
D 1.2		Tk	3,414,055	30,853,451	114,045,305	100,000,000	-47%	!
D 1.3		Tk	11,084,418	65,360,750	82,499,015	179,950,000	-38%	į
D 1.4	Interest income	Tk	8,333,333	58,333,333	100,000,000	100,000,000	0%	
D 2	Expenses (Total)	Tk	128,078,394	1,593,063,784	2,032,959,163	3,372,762,373	19%	
D 2.1		Tk	30,763,394	248,479,098	426,879,163	575,536,000	26%	++
D 2.2	3.5.1	Tk	69,050,000	430,926,000	652,415,000	773,000,000	4%	15
D 2.3		Tk	5,228,000	40,347,000	141,233,000	140,000,000	51%	++
D 2.4		Tk	0	735,971,687	246,857,000	1,471,943,373	14%	
D 2.5		Tk	23,037,000	137,340,000	565,575,000	412,283,000	43%	++
D 2.5	.1 Other O & M	Tk	15,950,000	37,927,000	220,317,000	173,693,000	63%	++
D 2.5	.2 Capital cost from revenues	Tk	7,087,000	99,413,000	345,258,000	238,590,000	29%	++
D 2.6	* Financial expense	Tk	0	0	0	0	#DIV/0!	#DIV/0!
D 3	Net Income ( Loss )	Tk	73,561,406	(379,576,699)	(204,118,392)	(1,075,912,373)	-40%	!
D 4*	Cash at bank	Tk	0	N/A	0	0	N/A	
D 5*	Stock & stores	Tk	0	0	0	140,034	N/A	
D 6	Accounts Receivable	Tk	1,313,200,370	N/A	1,271,740,973	1,271,740,973	-3%	
D 6.1	Accounts receivable from Government	Tk	250,417,183	N/A	210,605,008	210,605,008	-19%	
D 6.2		Tk	1,062,783,187	N/A	1,061,135,965	1,061,135,965	0%	1.1
<i>}</i> 7*	Long term loans	Tk	0	151,523,525	0	303,047,050	100%	++
D 8.	Operating Ratio	Ratio	0.60	0.62	0.79	0.72	14%	
D 9*	Collection period	Day	212	229	282	263	13%	

n on L

	Unit	This month	Year to date	Previous	This	Evaluation	Remarks *3
				year	year	*2	++ Too god
E) Water Supply	eta filozofia a a a a a	* 3 TATE TO SERVICE TO		actual	target *1		! Very ba
	Partices:					Better in	
E 3 Capacity of Surface WTP (Mohora+Sk.H.WTP-1+Sk.H.WTP-2+SF		466	N/A	466	490	-5%	100000
E 4 Capacity of Ground WTP	MLD	68	N/A	68	68	0%	
E 5 Deep Tube Wells in Operation	Nos.	42	N/A	47	47	-11%	
E 6* Capacity of DTW - direct distribution	MLD	31	N/A	48	48	-35%	
E 7* Capacity of DTW - supply to GWTP	MLD	0	N/A	0	0	#DIV/0!	#DIV/0!
E 8* Capacity of distributable water production	MLD	564	N/A	581	605	-7%	
E 9 Length of Pipeline	km	962	N/A	962	992	-3%	
E 15* Production (distributable water)	ML	14,295.15	103,633	165,187	164,250	8%	
E 15.1* DTW water to users before boosters	ML	0	0	0	0	N/A	
E 16* Unit production cost (in/c Capt. Cost, Deprec. & Financial Expense.)	Tk/m3	8.96	15.37	12.31	20.53	25%	++
E 17* Non Revenue Water	%	31	32	30	23	-40%	!
E 18: Leakage occurrence	No./km/mth	0.32	0.35	0.38	5.04	93%	++
E 19 Water quality sample	No./month	200	1,400	2,400	2,400	-92%	!
E 20* Satisfactory sample in chlorine level	%	100	100	100	100	0%	
E 21* Satisfactory sample in microbiological level	%	100	100	100	100	0%	
F) Personnel			Manaratina di Kalendarian di Kalenda		Surane - Translika tan 1. 100 - Ilang diga salah		
F 1 No. of permanent employees (Total)	Nos.	569	N/A	591	732	22%	
F 1.1 Grade-3-9	Nos.	54	N/A	59	60	N/A	++
F 1.2 Grade-10-11	Nos.	36	N/A	37	62	N/A	++
F 1.3 Grade-12-16	Nos.	241	N/A	254	300	N/A	++
F 1.4 Grade-17-20	Nos.	238	N/A	241	310	N/A	++
F 5 No. of non-permanent employees (Total)	Nos.	0	N/A	0	0	#DIV/0!	#DIV/0!
F 5.1 Work charge (6 month contract worker)	Nos.	0	N/A	0	0	N/A	++
F 5.2 Master roll (Daily basis casual worker) Outsource in	Nos.	0	N/A	0	300	N/A	++
F 5.3 Project staff (hired by project budget)	Nos.	50	N/A	50	50	N/A	++
F 2* No. of perma. employee per 1000 connections(excl. non-perma. Empl.	10 1111111	6.8	N/A	7.3	8.5	20%	1
F 3 Average Monthly Salary	Tk	27,802	N/A	18,802	19,960	-39%	!
F 4* % of Overtime to Basic Salary	%	33	N/A	1	32	-3%	
G) Customer Services							
G 1 New Service Connection				- 006	6,000	169/	
G 1.1 Service Connection Application Received	Nos.	626	4,064	5,296	5,000	16% 28%	++
G 1.2 Service Connection given	Nos.	644	3,746	4,934	3,000	2070	
G 2 Billing complaints				2,510	4,500	47%	++
G 2.1 Complaints received	Nos.	200	1,400	2,050	3,500	47%	++
G 2.2 Complaints acted on	Nos.	160	1,089	4,422	5,000	19%	
( § 3 Leakage complaints received and attended	Nos.	304	2,351	4,422	0,000		

n Of

R

*3: A warning sign " ++ " appears when the A warning sign "! " appears when the e A2.1: If the total number of billabic connect A3.4: Meter installation rate = 1 - ( number A6* !Water Supply Coverage=(Billed Connect A6* !Water Supply Coverage=(Billed Connect A7: Bill sent-out ratio = Billed connection / B5: Average water tariff = total billing / total c1.1: "Private" includes private customers C1.2: "Government" includes government C3.1: Same as C1.1 C3.2: Same as C1.1 C3.2: Same as C1.2 C4: Revenue collection efficiency = collect Therefore the revenue collection efficiency = collect C4.1: Same as C4 C5: Metered volume to billed volume ration D1.2: "License and renewal fee of tubewed D1.3: Excludes "License and renewal fee D1.4: As the interest income is not obtain D2.1: Includes salary & allowances, provide.4: Data is only available quarterly instiduced the current system, this value D5: Under the current system, this value D6.1: Same as C1.1 D6.2: Same as C1.2 D7: Long term liabilities outstanding as under the current system, this value D8: To see more clearly the CWASA capthe operating ratio is defined as (perside): Collection period = (accounts receivate): Production capacity of deep tube welled: Production capacity of deep tube welled: Unit production cost = Expenses (Total C1: NRW = (unbilled water / water production is the rate of satisfactory same F2: No. of employee per 1200 seep to the capacity of the cap	in spite of different values, which is do (1) Business Plan, (2) Performance ance from the set target. An evaluation 6, this performance is considered unforce from the set target. An evaluation fecorded as 24 when the target is set evaluation result exceeds 25%, which is set to evaluation result is less than - 25%, which is 15,000 and the number of dor of non-meter connection / number of excition x 26 Person per Connection + Billable connection x 100.  It is billed volume and users of loose water (sold by bounders, street hydrants and religious in the control of the set of the latest in the control of the latest in the control of monthly. The cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end. However, the cost of the latest is not obtainable until the year end is not obtainable until the year end. However, the cost of the latest is not ob	Agreement. (3) discussion on result "X %" means that avorable. The evaluation ret at 20, this performance cath is considered as the high nich is considered as the high nich is considered as the lornestic connections in billability is considered as the lornestic connections in billability. Total Street Hydrant x 80 Further was accounting system cannot collection during a period ± to ce a year due to capacity line.  It is used here so that the net entime and earn leave encast three month is converted to three month is converted to three month is converted to be convever it is expected to be converted to the conver	sult is shown as -20% ( = 1 n be considered favorable. In be considered favorable, end threshold indicating "to whend threshold indicating "to whend threshold indicating "to be connections is 36,000, this decrease of the connections in the connection of the	- 24 / 20). The evaluation result is shown as 20% ( = 24 / 20 - 1). o good". Very bad". s will be 80% ( = 36000 / 45000).  Total Population in Water Supply Area *100.  Total Population in Water Supply Area *100.  In in the monthly data column. In in the monthly data column. In in the monthly data column. In t	
Prepared by:		Submitted by:	Noted by:		
E17: NRW = (unbilled water / water prod E18: Leakage occurrence = Number of le E20: This is the rate of satisfactory same E21: This is the rate of satisfactory same F2: No. of employee per 1000 connection F4: Only staff workers (Class 3 and Class	tat/((Ustributable Water Volume+DTV uced x 100) = [1 - billed water / (distributable recognized by complaint / lengule complying with the chlorine standar ble complying with the microbiological second by the complying with the microbiological second by the complete of programme the complete of the com	ibutable water production + gth of pipeline at the end of d. standardpermanent staff) / (total bil s computed based on Class	DTW Water directly distribut period / number of months co lable connections/1000) 3 and Class 4 workers' pay.	ted ) ] x 100 overed	

(Richard Nelson Penheiro)
Executive Engineer (A.C)
Design Division
Chattogram WASA Chattogram,

CE

DMD (E)