

MANAGEMENT INFORMATION SYSTEM REPORT FOR THE MONTH OF DECEMBER-2021

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Chattogram Water Supply & Sewerage Authority Monthly MIS Report December 2021

	December 202	!1				
Unit	This month	Year to date	Previous year actual	This year target *1	Evaluation R	Remarks *3 ++ Too good ! Very bad
%	28	20		· 特別。不過	469/	第一个人的
h %				100000000000000000000000000000000000000		1
37.553				5000		
m Nos.			1000		The state of the s	
Ratio						
%				1		
No./month				A CONTRACTOR OF THE PARTY OF TH		
No./km/mth	0.39	1 1				
%	60					
Tk/m3	13.99			1	and the second s	
Tk/m3	12.65					++
T MESTER	SENERGIST SERVICES		New York Control of the Control of t			
Nos.	83,891	N/A			The state of the s	
Nos.	78,119	N/A	1			
Nos.	5,772					
Nos.	76,461			A CONTRACTOR OF THE CONTRACTOR		
			70,570	73,000	270	
%	93	N/A	07	00	201	
%	7	100000000000000000000000000000000000000		1		
		, WA	3	4	-/5%	1
Nos	74 731	NIA	74.000	74.000	101	
	•	7,000			A STATE OF THE STA	
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		A CONTRACTOR OF THE PARTY OF TH				
	White Washington Nos. Ratio % No./month No./km/mtr % Tk/m3 Tk/m3 Nos. Nos. Nos. Nos. Nos.	Unit	Unit	Unit	Unit	Unit

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		Unit This month Year to date Previous This Evaluation R						
B) Tari	II .	Onit	This month	Year to date	Previous year actual	year target *1	*2	++ Too go
B 1	Domestic		Property of	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	201001	\$4.		more some
B 2	Non-domestic	Tk/m3	12.40	N/A	12.40	13.02	-5%	
В 3	Street Hydrant	Tk/m3	30.30	. N/A	30.30	31.82	-5%	
B 4	Religious Institutions	Tk/m3	12.40	N/A	12.40	13.02	-5%	
B 5°	Average tariff	Tk/m3	12.40	N/A	12.40	13.02	-5%	
	ng and Collection	Tk/m3	13.99	13.96	13.73	14.73	-5%	authorized variety
C 1	Total him.					1.4		
C 1.1*	Total billing	Tk	136,970,885	807,092,663	1,423,705,665	1,806,119,000	-11%	
C 1.2*	Private	Tk	118,892,324	694,001,318	1,229,454,669	1,310,119,000	6%	
0 1.2	Government	Tk	18,078,561	113,091,345	194,250,996	496,000,000	-54%	!
	Billed volume (Total Volume Accounted)	ML	9,790	57,803	103,690	122,640	-6%	
	Total collection	Tk	128,885,244	706,813,318	1,417,998,870	1,623,619,000	-13%	
	Private	Tk	121,275,318	641,246,904	1,245,465,366	1,365,119,000	-6%	
3.2*	Government	Tk	7,609,926	65,566,414	172,533,504	258,500,000	-49%	!
3 4*	Revenue collection efficiency(monthly coll.+outstand, Coll.)/monthly bill.	%	94	88	100	90	5%	
4.1*	Private	%	102	92	101	104	-2%	
4.2*	Government	%	42	58	89	52	-19%	
	ncial data	danie z		15 1 1 mm	7,000	124	12.5	
) 1	Revenue (Total)	Tk	147,754,236	813,513,362	1,736,502,206	2,149,619,000	-24%	
1.1	Water revenue	Tk	128,885,244	706,813,318	1,417,998,870	1,623,619,000	-13%	
1.2*	Tubewell license	Tk	3,001,924	20,172,451	126,672,332	90,000,000	-55%	!
1.3*	Other operating revenues	Tk	7,533,735	36,527,593	96,831,004	336,000,000	-78%	ļ ļ
1.4*	Interest income	Tk	8,333,333	50,000,000	95,000,000	100,000,000	0%	
2	Expenses (Total)	Tk	172,337,897	792,731,234	1,653,696,147	2,078,403,000	24%	11,20
2.1*	Personnel cost	Tk	30,542,647	207,808,734	422,685,147	528,784,000	21%	
2.2	Electricity cost	Tk	56,139,000	307,767,000	564,704,000	703,000,000	12%	
2.3	Chemicals	Tk	7,463,000	26,454,000	91,434,000	140,000,000	62%	++
2.4*	Depreciation	Tk	46,980,250	93,960,500	101,204,000	187,921,000	64%	++
2.5	Other operating cost	Tk	31,213,000	156,741,000	473,669,000	518,698,000	40%	++
	Other O & M	Tk	11,357.000-	37,323,000	111,358,000	185,908,000	60%	++
2.5.1	Capital cost from revenues	Tk	19,856,000	119,418,000	362,311,000	332,790,000	28%	++
2.5.2		Tk	0	0	0	0	#DIV/0!	#DIV/0!
2.6*	Financial expense	Tk	(24,583,661)	20,782,128	82,806,059	71,216,000	-42%	#510/0!
	Net Income (Loss)	Tk	0	N/A	0	0	N/A	
4*	Cash at bank	Tk	0	0	0	0	1	
5*	Stock & stores		1,298,025,283		9		N/A	
	Accounts Receivable	Tk		N/A N/A	1,223,432,356	1,223,432,356	-6%	
6.1*	Accounts receivable from Government	Tk	261,328,297		252,100,239	252,100,239	-4%	
6.2*	Accounts receivable from Private	Tk	1,036,696,986	N/A	971,332,117	971.332,117	-7%	
		Tk	0	N/A	0	0	#DIV/0!	#DIV/0!
	ong term loans	Ratio	0.71	0.71	0.69	0.72	2%	
	Operating Ratio Collection period	Day	294	294	314	263	-12%	

NO

	Unit	This month	Year to date	Previous	This	Evaluation Remarks *3	
E) Water Supply				year	year	-S	
E 3 Canada Supply	+			actual	target *1		** Too good Very bad
- apacity of Surface MCD A	MLD	222		1001	Alexander Company	est to stand the	and the second second second second
E 5 Capacity of Ground WTP Dean Title William (Mohora+Sk.H.WTP+Moduna Gi	MLD	323 68	N/A	323	323	0%	
Deep Tube Wells in Opposit	Nos	57	N/A	68	83	-1%	
- direct distribution	MLD	61	N/A	60	44	30%	++
- Supply to CIATO	MLD	0	N/A	59	40	53%	++
or distributable water production	MLD	452	N/A	0	0	#DIV/0!	#DIVIO!
- Deline	km	962	N/A	449	430	5%	
distributable water)	ML		N/A	770	1,037	-7%	
UVV water to users before housters	ML	13,618.78	81,554	138,687	153,300	6%	
unit production cost (in/c Capt. Cost Denrec & Financial Expense)	Tk/m3	0	0	0	0	N/A	
Not Revenue Water	%	12.65	9.72	11.92	13.56	28%	++
18* Leakage occurrence	No./km/mth	28	29	25	20	-46%	!
19 Water quality sample		0.00	0.41	0.43	0.50	18%	
20* Satisfactory sample in chlorine level	No /month	200	1,200	1,800	200	0%	1.
21* Satisfactory sample in microbiological level	%	100	100	100	100	0%	
Personnel	%	100	100	100	100	0%	
No. of permanent employees (Total)	and the second			The second second	o o o o o o o o o o o o o o o o o o o	er er star er	The state of the same of the same of
1.1 Grade-3-9	Nos.	609	N/A	635	732	17%	A MANAGE OF CONSIDERATION OF A PROPERTY OF THE
.2 Grade-10-11	Nos.	51	N/A	57	60	N/A	++
	Nos.	52	N/A	52	62	N/A	++
0.000 /2 /0	Nos.	263	N/A	280	300	N/A	++
3.636-17-20	Nos.	243	N/A	246	310	N/A	++
No. of non-permanent employees (Total)	Nos.	0	N/A	0	0	#DIV/0	
1 Work charge (6 month contract worker)	Nos.	0	N/A	0	0	1	
2 Master roll (Daily basis casual worker) Outsource in	Nos.	0	N/A	0	1	N/A	++
Project staff (hired by project budget)	Nos.	50	N/A	41	200	N/A	++
No. of perma. employee per 1000 connections(excl. non-perma. Empl.)	Nos.	7.8	N/A	8.3	50	N/A	++
Average Monthly Salary					9.4	17%	
	Tk	26,305	N/A	18,807	19,960	-32%	1
% of Overtime to Basic Salary	%	33	N/A	10	32	-3%	
stomer Services		ige in a state of the second	per per objection of the second	and helptartistics	्रेन्ड्रक अन्यक्ष	All the state of	and anyone property
New Service Connection	1			* 1		AC CANADA STORE	William Clareston
Service Connection Application Received	Nos.	466	2,360	5,137	6,000	-21%	
Service Connection given	Nos.	448	2,055	4,394	5,000	1	4
Billing complaints					0,000	-18%	•
, ·	Man	260	1,210	1,798	4500		
Complaints received	Nos.	260	990	1,469	4,500	46%	++
Complaints acted on	Nos.	220	1	3,978	3,500	43%	
Leakage complaints received and attended	Nos.	371	2,377	9,5.0	5,000	5%	1 , ,

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Notes N/A = not applicable (= pointless to calculate, or nonexistent) Some numbers may show the same value in spite of different values, which is due to rounding. Some numbers may shot be set according to (1) Business Plan, (2) Performance Agreement, (3) discussion with D M D (Engineering), (same or modified value of previous year). 11. This year target can be basis of variance from the set target. An evaluation result "X % " means that performance of particular indicator is X % better than what is set as the target. if the NRW is 24% and the target is 20%, this performance is considered unfavorable. The evaluation result is shown as -20% (= 1 - 24 / 20). If the number of water quality sample is recorded as 24 when the target is set at 20, this performance can be considered favorable. The evaluation result is shown as 20% (= 24 / 20 - 1). "3. A warning sign " ++ " appears when the evaluation result exceeds 25%, which is considered as the high-end threshold indicating "too good". A warring sign " | " appears when the evaluation result is less than - 25%, which is considered as the low-end threshold indicating "very bad". A warming significant form to such as the second connections in the the second connection connections in the second connection connections in the second connection connection connections in the second connection connecti A3.4: Meter installation rate = 1 - (number of non-meter connection) / number of billable connection). A3.4: Meter instantation (a).

A6* :Water Supply Coverage=(Billed Connection x 26 Person per Connection + Total Street Hydrant x 80 Person per Street Hydrant) / Total Population in Water Supply Area *100. A7: Bill sent-out ratio = Billed connection / Billable connection x 100. B5: Average water tariff = total billing / total billed volume C1.1: "Private" includes private customers and users of loose water (sold by bowser) C1.2: "Government" includes government users, street hydrants and religious institutions C3.1: Same as C1.1 C3.2: Same as C1.2 C4: Revenue collection efficiency = collection /billing x 100. CWASA's existing accounting system cannot classify accounts receivable by age. Therefore the revenue collection efficiency can be shown merely as (total collection during a period + total billing during the same period). C4.1: Same as C4 C4.2: Same as C4 C5: Metered volume to billed volume ratio data currently becomes available twice a year due to capacity limitation of computer section. D1.2: "License and renewal fee of tubewell" in "other operating revenue" D1.3: Excludes "License and renewal fee of tubewell D1.4: As the interest income is not obtainable until the year end, a proxy value is used here so that the net income can be computed. The proxy value is the previous year's monthly interest. D2.1; Includes salary & allowances, provident fund, gratuity, festival bonus, overtime and earn leave encashment D2 4: Data is only available quarterly instead of monthly. The cost of the latest three month is converted to a monthly average and shown in the monthly data column. D2.6: Data is only available quarterly instead of monthly. The cost of the latest three month is converted to a monthly average and shown in the monthly data column. D4: Under the current system, this value is not obtainable until the year end. However it is expected to become obtainable monthly in the future. D5: Under the current system, this value is not obtainable until the year end. However it is expected to become obtainable monthly in the future. D6.1: Same as C1.1 D6.2: Same as C1.2 D7: Long term liabilities outstanding as unpaid at the end of month D8: To see more clearly the CWASA capacity to generate the operating profit before depreciation and interest. the operating ratio is defined as (personnel cost + elec. cost + chemical cost + other O & M) / (total Revenues). D9: Collection period = (accounts receivable) / (monthly billings/number of days in month) E6. Production capacity of deep tube wells that supply water directly to users E7: Production capacity of deep tube wells that supply water to Karulgaht WTP E15: Distributable water (or system input water) = Water produced at Surface WTP + Water produced at Ground WTP + Water directly distributed from DTW E15.1; Raw water distributed directly to users from some DTWs on the way to boosters are not included in the distributable water (E15). E16: Unit production cost = Expenses, Total)/((Dstributable Water Volume+DTW Water directly distributed)*1000) E17. NRW = (unbilled water / water produced x 100) = [1 - billed water / (distributable water production + DTW Water directly distributed)] x 100 E18: Leakage occurrence = Number of leakage recognized by complaint / length of pipeline at the end of period / number of months covered E20: This is the rate of satisfactory sample complying with the chlorine standard. E21: This is the rate of satisfactory sample complying with the microbiological standard. F2: No. of employee per 1000 connections = (number of permanent staff + non-permanent staff) / (total billable connections/1000) F4: Only staff workers (Class 3 and Class 4) receive overtime. Thus this ratio is computed based on Class 3 and Class 4 workers' pay.

Prepared by:

| Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: | Noted by: |