

Pourashava Databook for Water Supply Sector In Bangladesh

September 2012

Japan International Cooperation Agency (JICA)

Pourashava Location Map

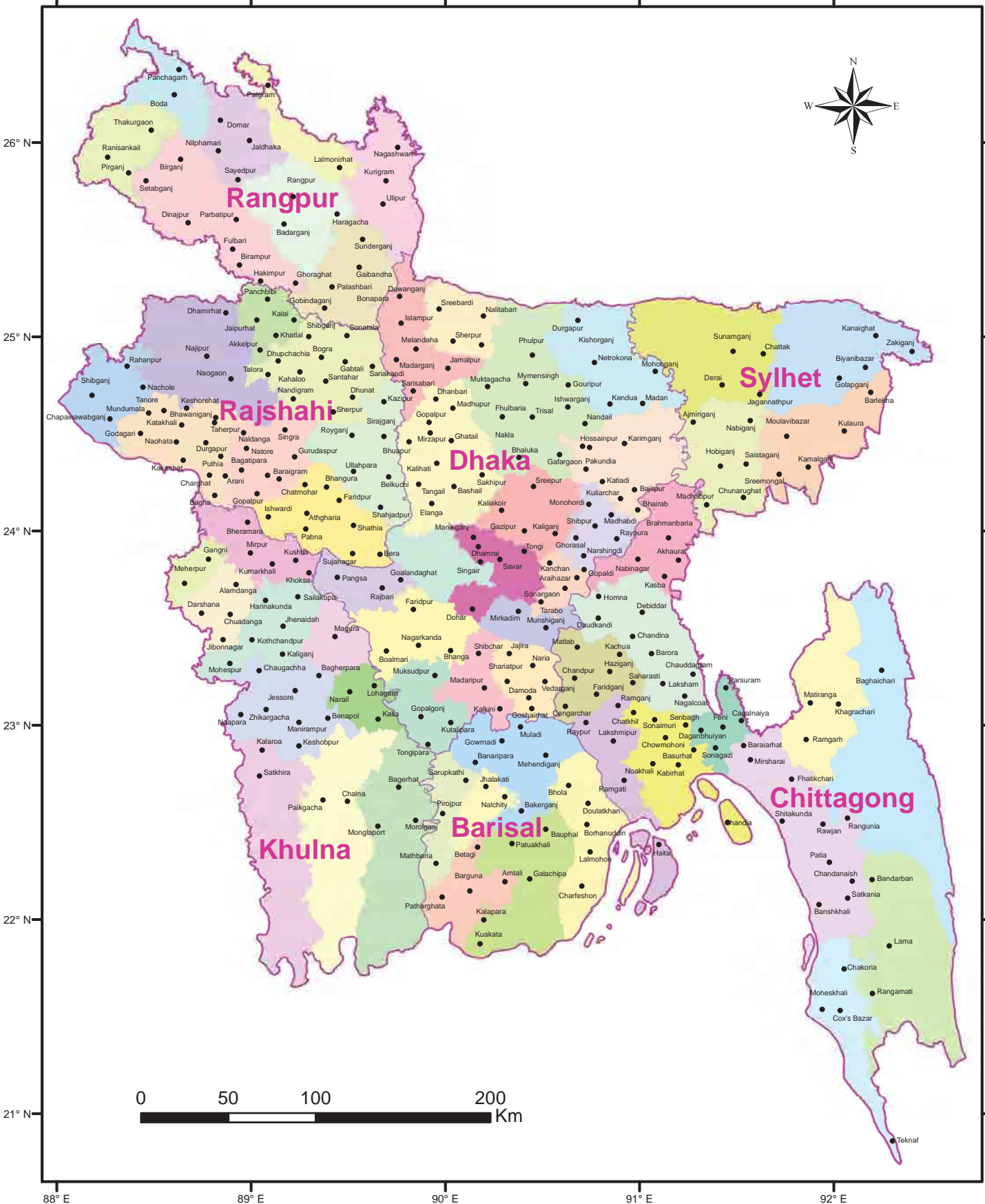


Table of Contents

1. Survey Methodology	i
2. Definition of Performance Indicators (PIs)	i
3. Positive Indicators and Negative Indicators in Databook	ii
4. Summary of Results	iii

1. Survey Methodology

Method

The survey was conducted by the JICA Study Team and by three local consulting firms in Bangladesh during March – July, 2012. The survey used question-answer style interviews for relevant pourashava staffs with the prepared questionnaire sheets.

Target Pourashavas

All 314 pourashavas (as of May 2012)

Division	Total	JICA Study Team			Local Consulting Firms (Sub-contractors)			Grouping for Sub-contractors
		Piped	Non-piped	Sub-total	Piped	Non-piped	Sub-total	
Dhaka	87	6	4	10	33	44	77	93
Sylhet	19	1	2	3	4	12	16	
Chittagong	58	2	2	4	21	33	54	75
Barisal	24	1	2	3	15	6	21	
Khulna	36	2	2	4	17	15	32	117
Rajshahi	61	3	2	5	20	36	56	
Rangpur	29	0	0	0	13	16	29	
Total	314	15	14	29	123	162	285	285

2. Definition of Performance Indicators (PIs)

Definition of Performance Indicators (PIs)

Performance Indicators	Formula			
1. Water supply coverage (%)	=	Population served	/	Total population x 100
2. Per capita produced water (L/d/ca)	=	Total production	/	Population served
3. Supply hours (hrs)				
4. Pipe leakage ratio (point/km)	=	Number of leakage reported	/	Distribution network length
5. Average revenue (Tk/m ³ produced)	=	Annual operating revenue	/	Water volume produced
6. Average O&M Costs to Expenditure (%)	=	Annual O&M costs	/	Annual expenditure x 100
7. Metering level (%)	=	Number of connections metered	/	Total number of connections x 100
8. Operating ratio	=	Annual O&M costs	/	Annual revenue x 100
9. Collection ratio (%)	=	Annual collection	/	Annual billing x 100
10. Collection period (days)	=	Year-end accounts receivable	/	Annual operating revenues x 365
11. Staffs/ 1000 connections (ratio)	=	Number of water section staffs	/	Number of connection x 1000
12. Electricity arrear to revenue (%)	=	Electricity arrear	/	Annual revenue x 100

3. Positive Indicators and Negative Indicators in Databook

Grouping of Positive and Negative Indicators

12 key performance indicators are categorized into 2 groups: positive indicators and negative indicators as below.

Group	Performance indicators (PIs)
Positive indicators	1. Water supply coverage (%)
	2. Per capita produced water (L/d/ca)
	3. Supply hour (hrs)
	5. Average revenue (Tk/m3 produced)
	7. Metering ratio (%)
Negative indicators	9. Collection ratio (%)
	4. Pipe leakage ratio (point/km)
	6. Average O&M cost (Tk/m3 produced)
	8. Operating ratio (%)
	9. Collection ratio (%)
	11. Staffs/ 1,000 connections (ratio)
	12. Electricity arrear to annual revenue (%)

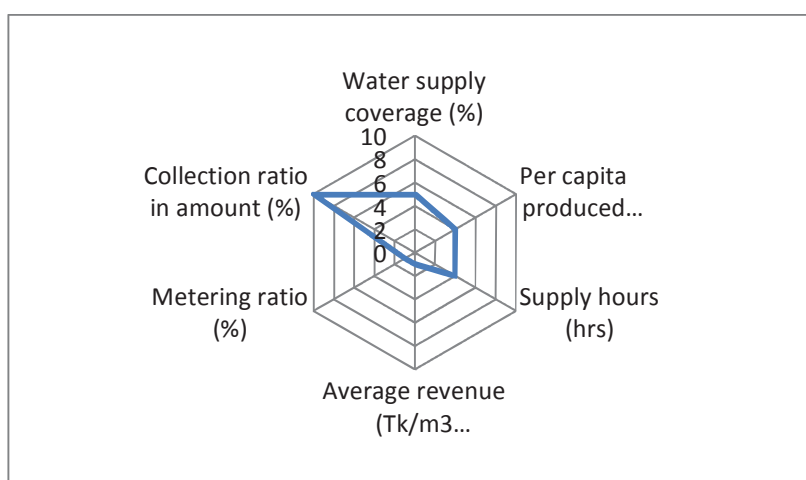
Ranking of Performance Indicators

Ranking from “level 10” to “level1” was made along the performance level of each pourashava. Pourashava’s performances were filtered by each 10 percentage of the list, and categorized into 10 levels.

Positive Indicators

In the graph of positive indicators, “level 10” means the highest score of the performance indicators. Thus, in the case of positive indicators, the larger the area of domain bounded by blue colored line, the better is the performance.

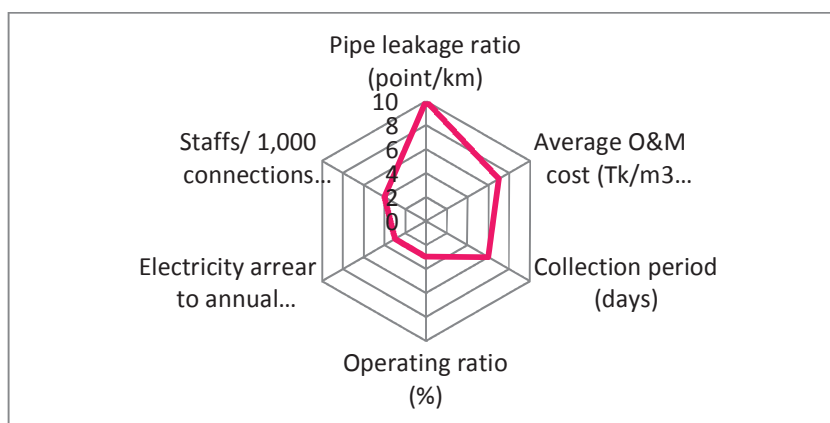
Sample graph of Positive Performance Indicators



Negative Indicators

In the graph of negative indicators, “level 10” is the lowest score. Thus, in the case of negative indicators, the smaller the area of domain bounded by red colored line, the better is the performance.

Sample graph of Negative Performance Indicators



4. Summary of Results

Summary of Questionnaire Survey

1. Average feature of pourashavas

(1) Piped pourashava

Average population of pourashava is approximately 114,000 people and average area is 21.1 km². The main water-borne diseases with the prevalence rate are diarrhea as 36.4%, dysentery as 33.6%, Typhoid as 17.1%. The number of technical staff members are 11.3 people (ClassA: 14.0, ClassB: 6.1, Class C: 6.2). Average pourashava budget accounts for 118 million TK, actual revenue and expenditure in revenue account in FY2010/2011 are 50 million TK and 48 million TK respectively. Thereby the financial balance is slightly positive. TLCC and WATSAN are institutionalized in 86% and 51% of pourashava respectively.

(2) Non-piped pourashava

Average population of pourashava is approximately 43,000 people and average area is 14.0 km². The number of technical staff members are 4.8 people (ClassA: 7.0, ClassB: 5.7, Class C: 3.5). Average pourashava budget accounts for 72 million TK, actual revenue and expenditure in revenue account in FY2010/2011 are 16 million TK and 21 million TK respectively. Thereby the financial balance is negative. TLCC and WATSAN are institutionalized in 69% and 37% of pourashava respectively.

2. Average feature of water supply situation

Average water supply coverage by piped water supply system is 30.5% with 6.4 average supply hours. Per capita produced water (L/day/capita) is 86m³ and average number of pipe leakage in a year is 4.9 points/ km. Average number of customer connections per pourashava accounts for 1,887, 93% of the connections are shared by domestic customers. Operating ratio is 131% which

indicates that O&M costs is assumed to be recovered. Metering ratio and collection ratio are 14% and 75% respectively and are need to be improved. Collection period and electricity arrear to annual revenue ratio are 214 days and 64% respectively, and these are addressed as key financial challenges. Average revenue produced and average O&M costs produced are 8.6Tk/m³ and 6.4 Tk/m³.

Key performance indicators of piped pourashava are summarized as below.

Key Performance Indicators (PIs) of Piped Pourashavas

Performance Indicators	Average	Maximum	Minimum
A. Water Service			
1. Water supply coverage (%)	30.5	75.0	2.0
2. Per capita produced water (L/d/ca)	121.1	653.0	4.0
3. Supply hour (hrs)	6.4	24.0	1.0
B. Management			
4. Pipe leakage ratio (point/km)	4.9	44.3	0.1
5. Average revenue (Tk/m ³ produced)	8.6	314.2	0.0
6. Average O&M cost (Tk/m ³ produced)	6.4	217.8	0.0
7. Metering ratio (%)	14.4	100.0	0.0
8. Operating ratio (%)	131	1475.0	0.0
9. Collection ratio (%)	75	141.0	0.0
10. Collection period (days)	214	2697.0	0.0
11. Staffs/ 1,000 connections (ratio)	11	100.0	3.1
12. Electricity arrear to annual revenue (%)	64	953.0	0.0

Top 10 Pourashava (overall PIs)

Rank	Pourashava	Score ^{*1}
1	Kalapara	35
2	Amtali	29
3	Galachipa	27
4	Kushtia	24
4	Rahanpur	24
6	Pataukhali	20
7	Jhenaidah	19
8	Damoda	18
8	Joypurhat	18
10	Jessore	17
10	Gopalganj	17

*1 Overall score is calculated by deducting the total of negative indicator's scores from the total of positive indicator's scores.

Top 5 Pourashavas (individual PIs)

1. Water supply coverage (%)			2. Per capita produced water(L/d/ca)		3. Supply Hour (Hrs)			
1	Chandpur	75	1	Gopalpur	653	1	Galachipa	24
2	Bhola	74	2	Tongipara	408	2	Amtali	20
3	Lalmohan	71	3	Lalmonirhat	307	2	Pataukhali	20
4	Gopalgonj	70	4	Thakurgaon	294	2	Kalapara	20
5	Tongipara	65	5	Charfeshon	288	2	Bandarban	20
5	Jhalakathi	65						
5	Jhenaidah	65						
4. Pipe leakage ratio (point/km)			5. Average revenue (Tk/m ³ produced)		6. Average O&M cost ^{*2} (Tk/m ³ produced)			
1	Feni	0.1	1	Pirojpur	314.2	1	Gopalgonj	0.4
1	Joypurhat	0.1	2	Charfeshon	48.5	2	Gopalpur	0.5
2	Thakurgaon	0.3	3	Pangsa	38.9	3	Nilphamari	0.8
2	Bhairab	0.3	4	Moulavibazar	37.6	3	Rangamati	0.8
2	Sherpur	0.3	5	Ramganj	30.3	4	Chapainawabganj	0.9
2	Gaibandha	0.3				4	Rahanpur	0.9
						4	Shathia	0.9
						4	Lalmonirhat	0.9
7. Metering ratio (%)			8. Operating ratio (%)		9. Collection ratio in amount (%)			
1	Galachipa	100.0	1	Charfeshon	8.0	1	Sayedpur	141
1	Amtali	100.0	1	Pangsa	8.0	2	Zhikargacha	124
1	Pataukhali	100.0	2	Gopalgonj	10.0	3	Gouranadi	121
1	Kalapara	100.0	3	Noakhali	23.0	4	Sunamganj	105
1	Noakhali	100.0	4	Amtali	29.0	5	Kutalipara	103
1	Ramganj	100.0						
10. Collection period (days)			11. Staffs/ 1,000 connections (ratio)					
1	Bhanga	0	1	Damoda	3.1			
1	Mirkadim	0	2	Pirojpur	3.4			
1	Mundumala	0	3	Kurigram	3.8			
4	Pangsa	4	4	Naogaon	4.3			
5	Bera	5	5	Kothchandpur	4.8			

*2 Pourashavas answered that O&M costs are none are excluded from this ranking table.

Top 5 Pourashavas (individual PIs)(cont.)

12. Electricity arrear to annual revenue (%)					
1	Bhanga	0	1	Mundumala	0
1	Tongi	0	1	Sreemongal	0
1	Sayedpur	0	1	Haziganj	0
1	Madaripur	0	1	Laksham	0
1	Mirkadim	0	1	Daudkandi	0
1	Mymensingh	0	1	Cox's Bazar	0
1	Damoda	0	1	Galachipa	0
1	Pirojpur	0	1	Chandpur	0
1	Naria	0	1	Amtali	0
1	Charfeshon	0	1	Pataukhali	0
1	Naohata	0	1	Lakshmipur	0
1	Birampur	0	1	Raypur	0
1	Sunamganj	0	1	Gopalganj	0
1	Feni	0	1	Chowmohoni	0
1	Faridpur	0	1	Noakhali	0
1	Joypurhat	0	1	Satkhira	0
1	Manikganj	0	1	Natore	0
1	Rajbari	0	1	Sirajganj	0
1	Thakurgaon	0	1	Panchagarh	0
1	Hobiganj	0	1	Jhalakathi	0
1	Kalapara	0	1	Shahrasti	0
1	Chuadanga	0	1	Noapara	0
1	Sailkupa	0	1	Kushtia	0
1	Narail	0	1	Kalia	0
1	Singra	0	1	Charghat	0
1	Bagerhat	0	1	Jhenaidah	0
1	Matlab	0	1	Ramganj	0

List of Pourashavas with Piped Water Supply System

Piped Pourashava Name	Division	District	Ref. No.*	Page No.
Amtali	Barisal	Barguna	BS-P-2	1
Bagerhat	Khulna	Bagerhat	KN-P-1	3
Bajitpur	Dhaka	Kishorganj	DK-P-14	5
Bakerganj	Barisal	Barisal	BS-P-6	7
Bandarban	Chittagong	Bandarban	CG-P-1	9
Barguna	Barisal	Barguna	BS-P-1	11
Barora	Chittagong	Comilla	CG-P-17	13
Bera	Rajshahi	Pabna	RJ-P-14	15
Bhairab	Dhaka	Kishorganj	DK-P-13	17
Bhanga	Dhaka	Faridpur	DK-P-3	19
Bhangura	Rajshahi	Pabna	RJ-P-17	21
Bheramara	Khulna	Kushtia	KN-P-19	23
Bhola	Barisal	Bhola	BS-P-8	25
Birampur	Rangpur	Dinajpur	RP-P-4	27
Bogra	Rajshahi	Bogra	RJ-P-1	29
Borhanuddin	Barisal	Bhola	BS-P-11	31
Brahmanbaria (ADB)	Chittagong	Brahmanbaria	CG-P-3	33
Cengarchar	Chittagong	Chandpur	CG-P-9	35
Chandina	Chittagong	Comilla	CG-P-16	37
Chandpur	Chittagong	Chandpur	CG-P-4	39
Chapainawabganj	Rajshahi	Chapainawabganj	RJ-P-11	41
Charfeshon	Barisal	Bhola	BS-P-10	43
Charghat	Rajshahi	Rajshahi	RJ-P-22	45
Chatmohar	Rajshahi	Pabna	RJ-P-16	47
Chowmohoni	Chittagong	Noakhali	CG-P-28	49
Chuadanga	Khulna	Chuadanga	KN-P-4	51
Cox's Bazar	Chittagong	Cox's Bazar	CG-P-18	53
Damoda	Dhaka	Shariatpur	DK-P-38	55
Daudkandi	Chittagong	Comilla	CG-P-15	57
Dinajpur	Rangpur	Dinajpur	RP-P-3	59
Faridpur	Dhaka	Faridpur	DK-P-2	61
Feni	Chittagong	Feni	CG-P-20	63
Fulbari	Rangpur	Dinajpur	RP-P-7	65
Gab tali	Rajshahi	Bogra	RJ-P-3	67
Gaibandha	Rangpur	Gaibandha	RP-P-1	69
Galachipa	Barisal	Patuakhali	BS-P-15	71
Gazipur	Dhaka	Gazipur	DK-P-6	73
Ghorasal	Dhaka	Narshingdi	DK-P-27	75
Gopalgonj	Dhaka	Gopalganj	DK-P-7	77
Gopalpur	Dhaka	Tangail	DK-P-44	79
Gouripur	Dhaka	Mymensingh	DK-P-24	81
Gowrnadi	Barisal	Barisal	BS-P-4	83
Gurudaspur	Rajshahi	Natore	RJ-P-8	85
Haziganj	Chittagong	Chandpur	CG-P-5	87
Hobiganj	Sylhet	Hobiganj	SL-P-1	89
Ishwardi	Rajshahi	Pabna	RJ-P-15	91
Jaipurhat (ADB)	Rajshahi	Jaipurhat	RJ-P-4	93
Jajira	Dhaka	Shariatpur	DK-P-37	95
Jamalpur	Dhaka	Jamalpur	DK-P-10	97

Piped Pourashava Name	Division	District	Ref. No.*	Page No.
Jessore (ADB)	Khulna	Jessore	KN-P-7	99
Jhalakati	Barisal	Jhalakati	BS-P-12	101
Jhenaidah (ADB)	Khulna	Jhenaidah	KN-P-11	103
Kabirhat	Chittagong	Noakhali	CG-P-30	105
Kachua	Chittagong	Chandpur	CG-P-7	107
Kalapara	Barisal	Patuakhali	BS-P-16	109
Kalia	Khulna	Narail	KN-P-23	111
Kaliganj	Khulna	Jhenaidah	KN-P-26	113
Kalkini	Dhaka	Madaripur	DK-P-18	115
Katiadi	Dhaka	Kishorganj	DK-P-15	117
Khagrachari	Chittagong	Khagrachari	CG-P-22	119
Kishorganj	Dhaka	Kishorganj	DK-P-12	121
Kothchandpur	Khulna	Jhenaidah	KN-P-12	123
Kumarkhali	Khulna	Kushtia	KN-P-17	125
Kurigram	Rangpur	Kurigram	RP-P-11	127
Kushtia	Khulna	Kushtia	KN-P-16	129
Kutalipara	Dhaka	Gopalganj	DK-P-9	131
Laksham	Chittagong	Comilla	CG-P-14	133
Lakshmipur (ADB)	Chittagong	Lakshmipur	CG-P-25	135
Lalmohon	Barisal	Bhola	BS-P-9	137
Lalmonirhat	Rangpur	Lalmonirhat	RP-P-13	139
Madaripur (ADB)	Dhaka	Madaripur	DK-P-16	141
Madhabpur	Sylhet	Hobiganj	SL-P-2	143
Magura	Khulna	Magura	KN-P-20	145
Manikganj (JICA2)	Dhaka	Manikganj	DK-P-19	147
Matlab	Chittagong	Chandpur	CG-P-8	149
Mehendiganj	Barisal	Barisal	BS-P-7	151
Meherpur	Khulna	Meherpur	KN-P-21	153
Mirkadim	Dhaka	Munshiganj	DK-P-21	155
Mohespur	Khulna	Jhenaidah	KN-P-13	157
Monglaport	Khulna	Bagerhat	KN-P-2	159
Monohordi	Dhaka	Narshingdi	DK-P-29	161
Moulavibazar (ADB)	Sylhet	Moulavibazar	SL-P-4	163
Muktagacha	Dhaka	Mymensingh	DK-P-23	165
Mundumala	Rajshahi	Rajshahi	RJ-P-23	167
Munshiganj	Dhaka	Munshiganj	DK-P-20	169
Mymensingh (ADB)	Dhaka	Mymensingh	DK-P-22	171
Najipur	Rajshahi	Naogaon	RJ-P-7	173
Nalitabari	Dhaka	Sherpur	DK-P-42	175
Naogaon	Rajshahi	Naogaon	RJ-P-6	177
Naohata	Rajshahi	Rajshahi	RJ-P-24	179
Narail	Khulna	Narail	KN-P-22	181
Naria	Dhaka	Shariatpur	DK-P-39	183
Narshingdi (ADB)	Dhaka	Narshingdi	DK-P-26	185
Natore (ADB)	Rajshahi	Natore	RJ-P-10	187
Netrokona (ADB)	Dhaka	Netrokona	DK-P-32	189
Nilphamari	Rangpur	Nilphamari	RP-P-10	191
Noakhali	Chittagong	Noakhali	CG-P-29	193
Noapara	Khulna	Jessore	KN-P-8	195
Pabna	Rajshahi	Pabna	RJ-P-13	197
Panchagarh	Rangpur	Panchagarh	RP-P-12	199
Pangsa	Dhaka	Rajbari	DK-P-35	201
Parbatipur	Rangpur	Dinajpur	RP-P-5	203
Patharghata	Barisal	Barguna	BS-P-3	205
Patuakhali	Barisal	Patuakhali	BS-P-14	207

Piped Pourashava Name	Division	District	Ref. No.*	Page No.
Pirojpur (ADB)	Barisal	Pirojpur	BS-P-18	209
Rahanpur	Rajshahi	Chapainawabganj	RJ-P-12	211
Rajbari	Dhaka	Rajbari	DK-P-34	213
Ramganj	Chittagong	Lakshmipur	CG-P-27	215
Ramgarh	Chittagong	Khagrachari	CG-P-23	217
Rangamati	Chittagong	Rangamati	CG-P-32	219
Rangpur	Rangpur	Rangpur	RP-P-2	221
Raypur	Chittagong	Lakshmipur	CG-P-26	223
Saharasti	Chittagong	Chandpur	CG-P-6	225
Sailakupa	Khulna	Jhenaidah	KN-P-14	227
Santahar	Rajshahi	Bogra	RJ-P-2	229
Sarisabari	Dhaka	Jamalpur	DK-P-11	231
Sarupkathi	Barisal	Pirojpur	BS-P-17	233
Satkhira	Khulna	Satkhira	KN-P-24	235
Savar (JICA2)	Dhaka	Dhaka	DK-P-1	237
Sayedpur	Rangpur	Nilphamari	RP-P-9	239
Setabganj	Rangpur	Dinajpur	RP-P-6	241
Shahjadpur	Rajshahi	Sirajganj	RJ-P-20	243
Shariatpur	Dhaka	Shariatpur	DK-P-36	245
Shathia	Rajshahi	Pabna	RJ-P-18	247
Sherpur	Dhaka	Sherpur	DK-P-41	249
Shibpur	Dhaka	Narshingdi	DK-P-28	251
Singra	Rajshahi	Natore	RJ-P-9	253
Sirajganj (ADB)	Rajshahi	Sirajganj	RJ-P-19	255
Sreemongal	Sylhet	Moulavibazar	SL-P-5	257
Sujanagar	Rajshahi	Pabna	RJ-P-21	259
Sunamganj	Sylhet	Sunamganj	SL-P-9	261
Tangail	Dhaka	Tangail	DK-P-43	263
Thakurgaon	Rangpur	Thakurgaon	RP-P-8	265
Tongi	Dhaka	Gazipur	DK-P-4	267
Tongipara	Dhaka	Gopalganj	DK-P-8	269
Trisal	Dhaka	Mymensingh	DK-P-25	271
Vedarganj	Dhaka	Shariatpur	DK-P-40	273
Zhikargacha	Khulna	Jessore	KN-P-9	275

* Reference No. is corresponding to serial No. of data sheet in CD.

List of Pourashavas without Piped Water Supply System

Non-piped Pourashava Name	Division	District	Ref. No. *	Page No.
Ajmiriganj	Sylhet	Hobiganj	SL-N-3	277
Akhaura	Chittagong	Brahmanbaria	CG-N-3	277
Akkelpur	Rajshahi	Jaipurhat	RJ-N-11	278
Alamdanga(JICA)	Khulna	Chuadanga	KN-N-1	278
Araihazar	Dhaka	Narayanganj	DK-N-46	279
Arani	Rajshahi	Rajshahi	RJ-N-36	279
Athgharia	Rajshahi	Pabna	RJ-N-23	280
Badarganj	Rangpur	Rangpur	RP-N-5	280
Bagatipara	Rajshahi	Natore	RJ-N-17	281
Bagha	Rajshahi	Rajshahi	RJ-N-29	281
Baghaichari	Chittagong	Rangamati	CG-N-35	282
Bagherpara	Khulna	Jessore	KN-N-5	282
Banaripara	Barisal	Barisal	BS-N-7	283
Banskhali	Chittagong	Chittagong	CG-N-10	283
Baraiarhat	Chittagong	Chittagong	CG-N-7	284
Baraigram	Rajshahi	Natore	RJ-N-18	284
Barlekha	Sylhet	Moulavibazar	SL-N-4	285
Bashail	Dhaka	Tangail	DK-N-43	285
Basurhat	Chittagong	Noakhali	CG-N-24	286
Bauphal	Barisal	Patuakhali	BS-N-4	286
Belkuchi	Rajshahi	Sirajganj	RJ-N-38	287
Benapol	Khulna	Jessore	KN-N-2	287
Betagi	Barisal	Barguna	BS-N-1	288
Bhaluka	Dhaka	Mymensingh	DK-N-18	288
Bhawaniganj	Rajshahi	Rajshahi	RJ-N-28	289
Bhuapur	Dhaka	Tangail	DK-N-40	289
Birganj	Rangpur	Dinajpur	RP-N-8	290
Biyaniabazar	Sylhet	Sylhet	SL-N-10	290
Boalmari	Dhaka	Faridpur	DK-N-4	291
Boda	Rangpur	Panchagarh	RP-N-15	291
Bonapara	Rajshahi	Natore	RJ-N-15	292
Cagalnaiya	Chittagong	Feni	CG-N-30	292
Chakoria	Chittagong	Cox's Bazar	CG-N-32	293
Chalna	Khulna	Khulna	KN-N-8	293
Chandanaish	Chittagong	Chittagong	CG-N-9	294
Chatkhil(JICA)	Chittagong	Noakhali	CG-N-25	294
Chattak	Sylhet	Sunamganj	SL-N-11	295
Chauddagram	Chittagong	Comilla	CG-N-15	295
Chaugachha	Khulna	Jessore	KN-N-3	296
Chunarughat	Sylhet	Hobiganj	SL-N-1	296
Daganbhuiyan	Chittagong	Feni	CG-N-18	297
Darshana	Khulna	Chuadanga	KN-N-13	297
Debiddar	Chittagong	Comilla	CG-N-12	298
Derai	Sylhet	Sunamganj	SL-N-12	298
Dewanganj	Dhaka	Jamalpur	DK-N-11	299
Dhamirhat	Rajshahi	Naogaon	RJ-N-13	299
Dhamrai(JICA2)	Dhaka	Dhaka	DK-N-1	300
Dhanbari	Dhaka	Tangail	DK-N-41	300
Dhunat	Rajshahi	Bogra	RJ-N-9	301
Dhupchachia	Rajshahi	Bogra	RJ-N-4	301
Dohar(JICA)	Dhaka	Dhaka	DK-N-2	302
Domar	Rangpur	Nilphamari	RP-N-12	302

Non-piped Pourashava Name	Division	District	Ref. No.*	Page No.
Doulatkhan	Barisal	Bhola	BS-N-3	303
Durgapur	Dhaka	Netrokona	DK-N-30	303
Durgapur	Rajshahi	Rajshahi	RJ-N-37	304
Elanga	Dhaka	Tangail	DK-N-42	304
Faridganj	Chittagong	Chandpur	CG-N-4	305
Faridpur	Rajshahi	Pabna	RJ-N-22	305
Fhatikchari	Chittagong	Chittagong	CG-N-11	306
Fhulbaria	Dhaka	Mymensingh	DK-N-22	306
Gafargaon	Dhaka	Mymensingh	DK-N-17	307
Gangni	Khulna	Meherpur	KN-N10	307
Ghatail	Dhaka	Tangail	DK-N-35	308
Ghoraghat	Rangpur	Dinajpur	RP-N-6	308
Goalandaghat	Dhaka	Rajbari	DK-N-31	309
Gobindaganj	Rangpur	Gaibandha	RP-N-2	309
Godagari(JICA)	Rajshahi	Rajshahi	RJ-N-24	310
Golapganj	Sylhet	Sylhet	SL-N-14	310
Gopaldi	Dhaka	Narayanganj	DK-N-47	311
Gopalpur	Rajshahi	Natore	RJ-N-14	311
Goshairhat	Dhaka	Shariatpur	DK-N-32	312
Haita	Chittagong	Noakhali	CG-N-23	312
Hakimpur	Rangpur	Dinajpur	RP-N-7	313
Haragacha	Rangpur	Rangpur	RP-N-4	313
Harinakunda	Khulna	Jhenaidah	KN-N-6	314
Homna	Chittagong	Comilla	CG-N-14	314
Hossainpur	Dhaka	Kishorganj	DK-N-14	315
Ishwarganj	Dhaka	Mymensingh	DK-N-19	315
Islampur	Dhaka	Jamalpur	DK-N-9	316
Jagannathpur	Sylhet	Sunamganj	SL-N-8	316
Jaldhaka	Rangpur	Nilphamari	RP-N-11	317
Jibonnagar	Khulna	Chuadanga	KN-N-12	317
Kahaloo	Rajshahi	Bogra	RJ-N-7	318
Kakanhat	Rajshahi	Rajshahi	RJ-N-30	318
Kalai	Rajshahi	Jaipurhat	RJ-N-12	319
Kalaroa	Khulna	Satkhira	KN-N-18	319
Kaliakoir	Dhaka	Gazipur	DK-N-6	320
Kaliganj	Dhaka	Gazipur	DK-N-48	320
Kalihati	Dhaka	Tangail	DK-N-38	321
Kamalganj	Sylhet	Moulavibazar	SL-N-5	321
Kanaighat(JICA)	Sylhet	Sylhet	SL-N-7	322
Kanchan	Dhaka	Narayanganj	DK-N-27	322
Karimganj	Dhaka	Kishorganj	DK-N-13	323
Kasba	Chittagong	Brahmanbaria	CG-N-1	323
Katakhali	Rajshahi	Rajshahi	RJ-N-34	324
Kazipur	Rajshahi	Sirajganj	RJ-N-40	324
Kendua	Dhaka	Netrokona	DK-N-28	325
Keshobpur	Khulna	Jessore	KN-N-15	325
Keshorehat	Rajshahi	Rajshahi	RJ-N-35	326
Khatlal	Rajshahi	Jaipurhat	RJ-N-42	326
Khoksa	Khulna	Kushtia	KN-N-9	327
Kuakata	Barisal	Patuakhali	BS-N-5	327
Kulaura	Sylhet	Moulavibazar	SL-N-13	328
Kuliarchar	Dhaka	Kishorganj	DK-N-12	328
Lama	Chittagong	Bandarban	CG-N-31	329
Lohagara	Khulna	Narail	KN-N11	329
Madan	Dhaka	Netrokona	DK-N-29	330

Non-piped Pourashava Name	Division	District	Ref. No. *	Page No.
Madarganj	Dhaka	Jamalpur	DK-N-8	330
Madhabdi(JICA)	Dhaka	Narshingdi	DK-N-23	331
Madhupur	Dhaka	Tangail	DK-N-39	331
Manirampur(JICA)	Khulna	Jessore	KN-N-4	332
Mathbaria(JICA)	Barisal	Pirojpur	BS-N-6	332
Matiranga	Chittagong	Khagrachari	CG-N-34	333
Melandaha	Dhaka	Jamalpur	DK-N-10	333
Mirpur	Khulna	Kushtia	KN-N-14	334
Mirsharai	Chittagong	Chittagong	CG-N-8	334
Mirzapur	Dhaka	Tangail	DK-N-36	335
Moheskhali	Chittagong	Cox's Bazar	CG-N-17	335
Mohonganj	Dhaka	Netrokona	DK-N-45	336
Morolganj	Khulna	Bagerhat	KN-N-16	336
Muksudpur	Dhaka	Gopalganj	DK-N-7	337
Muladi(JICA)	Barisal	Barisal	BS-N-2	337
Nabiganj	Sylhet	Hobiganj	SL-N-9	338
Nabinagar(JICA)	Chittagong	Brahmanbaria	CG-N-2	338
Nachole	Rajshahi	Chapainawabganj	RJ-N-20	339
Nagalcoat	Chittagong	Comilla	CG-N-13	339
Nagarkanda	Dhaka	Faridpur	DK-N-3	340
Nagashwari	Rangpur	Kurigram	RP-N-13	340
Nakla	Dhaka	Sherpur	DK-N-34	341
Nalchity	Barisal	Jhalakati	BS-N-8	341
Naldanga	Rajshahi	Natore	RJ-N-16	342
Nandail	Dhaka	Mymensingh	DK-N-20	342
Nandigram	Rajshahi	Bogra	RJ-N-2	343
Paikgacha	Khulna	Khulna	KN-N-17	343
Pakundia	Dhaka	Kishorganj	DK-N-15	344
Palashbari	Rangpur	Gaibandha	RP-N-3	344
Panchbibi	Rajshahi	Jaipurhat	RJ-N-10	345
Parsuram	Chittagong	Feni	CG-N-19	345
Patgram	Rangpur	Lalmonirhat	RP-N-16	346
Patia	Chittagong	Chittagong	CG-N-29	346
Phulpur	Dhaka	Mymensingh	DK-N-21	347
Pirganj	Rangpur	Thakurgaon	RP-N-9	347
Puthia	Rajshahi	Rajshahi	RJ-N-32	348
Ramgati	Chittagong	Lakshmipur	CG-N-21	348
Rangunia	Chittagong	Chittagong	CG-N-6	349
Ranisankail	Rangpur	Thakurgaon	RP-N-10	349
Rawjan	Chittagong	Chittagong	CG-N-33	350
Raypura	Dhaka	Narshingdi	DK-N-24	350
Royganj	Rajshahi	Sirajganj	RJ-N-39	351
Saistaganj(JICA)	Sylhet	Hobiganj	SL-N-2	351
Sakhipur	Dhaka	Tangail	DK-N-37	352
Sariakandi	Rajshahi	Bogra	RJ-N-3	352
Satkania	Chittagong	Chittagong	CG-N-5	353
Senbagh	Chittagong	Noakhali	CG-N-26	353
Shandia	Chittagong	Chittagong	CG-N-27	354
Sherpur	Rajshahi	Bogra	RJ-N-1	354
Shibchar	Dhaka	Madaripur	DK-N-44	355
Shibganj	Rajshahi	Bogra	RJ-N-6	355
Shibganj(JICA)	Rajshahi	Chapainawabganj	RJ-N-19	356
Shitakunda	Chittagong	Chittagong	CG-N-28	356
Singair(JICA2)	Dhaka	Manikganj	DK-N-16	357
Sonagazi	Chittagong	Feni	CG-N-20	357

Non-piped Pourashava Name	Division	District	Ref. No. *	Page No.
Sonaimuri	Chittagong	Noakhali	CG-N-22	358
Sonargaon	Dhaka	Narayanganj	DK-N-25	358
Sonatala	Rajshahi	Bogra	RJ-N-5	359
Sreebardi	Dhaka	Sherpur	DK-N-33	369
Sreepur	Dhaka	Gazipur	DK-N-5	360
Sunderganj	Rangpur	Gaibandha	RP-N-1	360
Taherpur	Rajshahi	Rajshahi	RJ-N-25	361
Talora	Rajshahi	Bogra	RJ-N-8	361
Tanore	Rajshahi	Rajshahi	RJ-N-26	362
Tarabo	Dhaka	Narayanganj	DK-N-26	362
Teknaf	Chittagong	Cox's Bazar	CG-N-16	363
Ulipur	Rangpur	Kurigram	RP-N-14	363
Ullahpara	Rajshahi	Sirajganj	RJ-N-41	364
Zakiganj	Sylhet	Sylhet	SL-N-6	364

* Reference No. is corresponding to serial No. of data sheet in CD.

Pourashava Databook

List of Pourashavas with Piped Water Supply System (alphabetical sequence)

Piped Pourashava Name	Division	District	Ref. No.*	Page No.
Amtali	Barisal	Barguna	BS-P-2	1
Bagerhat	Khulna	Bagerhat	KN-P-1	3
Bajitpur	Dhaka	Kishorganj	DK-P-14	5
Bakerganj	Barisal	Barisal	BS-P-6	7
Bandarban	Chittagong	Bandarban	CG-P-1	9
Barguna	Barisal	Barguna	BS-P-1	11
Barora	Chittagong	Comilla	CG-P-17	13
Bera	Rajshahi	Pabna	RJ-P-14	15
Bhairab	Dhaka	Kishorganj	DK-P-13	17
Bhanga	Dhaka	Faridpur	DK-P-3	19
Bhangura	Rajshahi	Pabna	RJ-P-17	21
Bheramara	Khulna	Kushtia	KN-P-19	23
Bhola	Barisal	Bhola	BS-P-8	25
Birampur	Rangpur	Dinajpur	RP-P-4	27
Bogra	Rajshahi	Bogra	RJ-P-1	29
Borhanuddin	Barisal	Bhola	BS-P-11	31
Brahmanbaria (ADB)	Chittagong	Brahmanbaria	CG-P-3	33
Cengarchar	Chittagong	Chandpur	CG-P-9	35
Chandina	Chittagong	Comilla	CG-P-16	37
Chandpur	Chittagong	Chandpur	CG-P-4	39
Chapainawabganj	Rajshahi	Chapainawabganj	RJ-P-11	41
Charfeshon	Barisal	Bhola	BS-P-10	43
Charghat	Rajshahi	Rajshahi	RJ-P-22	45
Chatmohar	Rajshahi	Pabna	RJ-P-16	47
Chowmohoni	Chittagong	Noakhali	CG-P-28	49
Chuadanga	Khulna	Chuadanga	KN-P-4	51
Cox's Bazar	Chittagong	Cox's Bazar	CG-P-18	53
Damoda	Dhaka	Shariatpur	DK-P-38	55
Daudkandi	Chittagong	Comilla	CG-P-15	57
Dinajpur	Rangpur	Dinajpur	RP-P-3	59
Faridpur	Dhaka	Faridpur	DK-P-2	61
Feni	Chittagong	Feni	CG-P-20	63
Fulbari	Rangpur	Dinajpur	RP-P-7	65
Gabtali	Rajshahi	Bogra	RJ-P-3	67
Gaibandha	Rangpur	Gaibandha	RP-P-1	69
Galachipa	Barisal	Patuakhali	BS-P-15	71
Gazipur	Dhaka	Gazipur	DK-P-6	73
Ghorasal	Dhaka	Narshingdi	DK-P-27	75
Gopalgonj	Dhaka	Gopalganj	DK-P-7	77
Gopalpur	Dhaka	Tangail	DK-P-44	79
Gouripur	Dhaka	Mymensingh	DK-P-24	81
Gowrnadi	Barisal	Barisal	BS-P-4	83
Gurudaspur	Rajshahi	Natore	RJ-P-8	85
Haziganj	Chittagong	Chandpur	CG-P-5	87
Hobiganj	Sylhet	Hobiganj	SL-P-1	89
Ishwardi	Rajshahi	Pabna	RJ-P-15	91
Jaipurhat (ADB)	Rajshahi	Jaipurhat	RJ-P-4	93
Jajira	Dhaka	Shariatpur	DK-P-37	95
Jamalpur	Dhaka	Jamalpur	DK-P-10	97

Piped Pourashava Name	Division	District	Ref. No.*	Page No.
Jessore (ADB)	Khulna	Jessore	KN-P-7	99
Jhalakati	Barisal	Jhalakati	BS-P-12	101
Jhenaidah (ADB)	Khulna	Jhenaidah	KN-P-11	103
Kabirhat	Chittagong	Noakhali	CG-P-30	105
Kachua	Chittagong	Chandpur	CG-P-7	107
Kalapara	Barisal	Patuakhali	BS-P-16	109
Kalia	Khulna	Narail	KN-P-23	111
Kaliganj	Khulna	Jhenaidah	KN-P-26	113
Kalkini	Dhaka	Madaripur	DK-P-18	115
Katiadi	Dhaka	Kishorganj	DK-P-15	117
Khagrachari	Chittagong	Khagrachari	CG-P-22	119
Kishorganj	Dhaka	Kishorganj	DK-P-12	121
Kothchandpur	Khulna	Jhenaidah	KN-P-12	123
Kumarkhali	Khulna	Kushtia	KN-P-17	125
Kurigram	Rangpur	Kurigram	RP-P-11	127
Kushtia	Khulna	Kushtia	KN-P-16	129
Kutalipara	Dhaka	Gopalganj	DK-P-9	131
Laksham	Chittagong	Comilla	CG-P-14	133
Lakshmipur (ADB)	Chittagong	Lakshmipur	CG-P-25	135
Lalmohon	Barisal	Bhola	BS-P-9	137
Lalmonirhat	Rangpur	Lalmonirhat	RP-P-13	139
Madaripur (ADB)	Dhaka	Madaripur	DK-P-16	141
Madhabpur	Sylhet	Hobiganj	SL-P-2	143
Magura	Khulna	Magura	KN-P-20	145
Manikganj (JICA2)	Dhaka	Manikganj	DK-P-19	147
Matlab	Chittagong	Chandpur	CG-P-8	149
Mehendiganj	Barisal	Barisal	BS-P-7	151
Meherpur	Khulna	Meherpur	KN-P-21	153
Mirkadim	Dhaka	Munshiganj	DK-P-21	155
Mohespur	Khulna	Jhenaidah	KN-P-13	157
Monglaport	Khulna	Bagerhat	KN-P-2	159
Monohordi	Dhaka	Narshingdi	DK-P-29	161
Moulavibazar (ADB)	Sylhet	Moulavibazar	SL-P-4	163
Muktagacha	Dhaka	Mymensingh	DK-P-23	165
Mundumala	Rajshahi	Rajshahi	RJ-P-23	167
Munshiganj	Dhaka	Munshiganj	DK-P-20	169
Mymensingh (ADB)	Dhaka	Mymensingh	DK-P-22	171
Najipur	Rajshahi	Naogaon	RJ-P-7	173
Nalitabari	Dhaka	Sherpur	DK-P-42	175
Naogaon	Rajshahi	Naogaon	RJ-P-6	177
Naohata	Rajshahi	Rajshahi	RJ-P-24	179
Narail	Khulna	Narail	KN-P-22	181
Naria	Dhaka	Shariatpur	DK-P-39	183
Narshingdi (ADB)	Dhaka	Narshingdi	DK-P-26	185
Natore (ADB)	Rajshahi	Natore	RJ-P-10	187
Netrokona (ADB)	Dhaka	Netrokona	DK-P-32	189
Nilphamari	Rangpur	Nilphamari	RP-P-10	191
Noakhali	Chittagong	Noakhali	CG-P-29	193
Noapara	Khulna	Jessore	KN-P-8	195
Pabna	Rajshahi	Pabna	RJ-P-13	197
Panchagarh	Rangpur	Panchagarh	RP-P-12	199
Pangsa	Dhaka	Rajbari	DK-P-35	201
Parbatipur	Rangpur	Dinajpur	RP-P-5	203
Patharghata	Barisal	Barguna	BS-P-3	205

Piped Pourashava Name	Division	District	Ref. No.*	Page No.
Patuakhali	Barisal	Patuakhali	BS-P-14	207
Pirojpur (ADB)	Barisal	Pirojpur	BS-P-18	209
Rahanpur	Rajshahi	Chapainawabganj	RJ-P-12	211
Rajbari	Dhaka	Rajbari	DK-P-34	213
Ramganj	Chittagong	Lakshmipur	CG-P-27	215
Ramgarh	Chittagong	Khagrachari	CG-P-23	217
Rangamati	Chittagong	Rangamati	CG-P-32	219
Rangpur	Rangpur	Rangpur	RP-P-2	221
Raypur	Chittagong	Lakshmipur	CG-P-26	223
Saharasti	Chittagong	Chandpur	CG-P-6	225
Sailakupa	Khulna	Jhenaidah	KN-P-14	227
Santahar	Rajshahi	Bogra	RJ-P-2	229
Sarisabari	Dhaka	Jamalpur	DK-P-11	231
Sarupkathi	Barisal	Pirojpur	BS-P-17	233
Satkhira	Khulna	Satkhira	KN-P-24	235
Savar (JICA2)	Dhaka	Dhaka	DK-P-1	237
Sayedpur	Rangpur	Nilphamari	RP-P-9	239
Setabganj	Rangpur	Dinajpur	RP-P-6	241
Shahjampur	Rajshahi	Sirajganj	RJ-P-20	243
Shariatpur	Dhaka	Shariatpur	DK-P-36	245
Shathia	Rajshahi	Pabna	RJ-P-18	247
Sherpur	Dhaka	Sherpur	DK-P-41	249
Shibpur	Dhaka	Narshingdi	DK-P-28	251
Singra	Rajshahi	Natore	RJ-P-9	253
Sirajganj (ADB)	Rajshahi	Sirajganj	RJ-P-19	255
Sreemongal	Sylhet	Moulavibazar	SL-P-5	257
Sujanagar	Rajshahi	Pabna	RJ-P-21	259
Sunamganj	Sylhet	Sunamganj	SL-P-9	261
Tangail	Dhaka	Tangail	DK-P-43	263
Thakurgaon	Rangpur	Thakurgaon	RP-P-8	265
Tongi	Dhaka	Gazipur	DK-P-4	267
Tongipara	Dhaka	Gopalganj	DK-P-8	269
Trisal	Dhaka	Mymensingh	DK-P-25	271
Vedarganj	Dhaka	Shariatpur	DK-P-40	273
Zhikargacha	Khulna	Jessore	KN-P-9	275

* Reference No. is corresponding to serial No. of data sheet in CD.

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	15
District	Barguna	Water sealed slab latrine (%)	40
Year established	1998	Water-related diseases	, , , ,
Contact Tel/Fax	04452-56191	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	25,190	Annual budget (Tk)	83,283,666
Nos. of households (FY2010/2011)	4,665	Revenue (Tk)	18,013,048
Literacy (%)	70	Expenditure (Tk)	78,558,000
Land area (km ²)	9	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, , , , Yearly logical budget preparation, , , ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	56	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	75	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	24	Metering ratio (%)	100
Per capita produced water (L/d/ca)	213	Operating ratio (%)	29
Supply Hour (Hrs)	20	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	-	Collection period (days)	53
Pipe leakage ratio (point/km)	1	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	9.3	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	2.7		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	2005	Chlorination points (Nos.)	
Piped system introduced (year)	2005	PTW	1
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	8	Bulk flow meters (Nos.)	1
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	1
		Total production, Summer (m ³ /day)	1,275
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	1
		Total capacity (m ³)	500
		Distribution network (km):	18,000
		Leakages in distribution (Nos.)	18
		(3) O&M Problems	
		Production wells	One P/W is not working and other One's capacity is decreasing.
		Pump	Burning of Pump motor due to voltage fluctuation.
		Treatment plant	-
		Pipeline	N
		Customer water meter	Water vapor
		House connection	-
		O&M manuals (Nos.)	3
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	18
		Leakage detection activity	Yes

2. Water Supply System

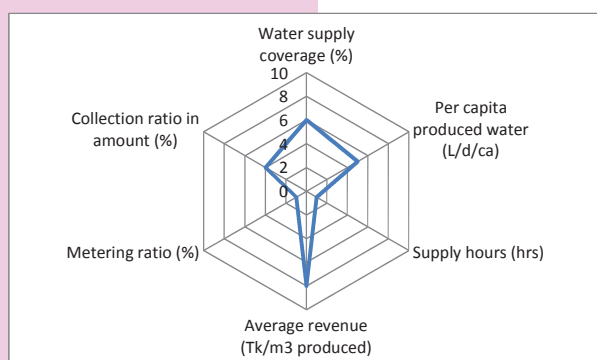
Operation of water supply facilities	In operation		
(1) Production			
Water sources for piped system	Groundwater,		
Production tube well			
PTW (Nos.)	2		
PTW not in operation (Nos.)	1		
Ave. depth (m)	380		
Capacity at commission (m ³ /hrs)	90		
Ave. current capacity per unit (m ³ /hrs)	75		
Ave. production hours, Summer (hrs/day)	17		
Total production, Summer (m ³ /day)	1,275		
Treatment plants (Nos.)			
AIRP	0		
IRP	0		
Surface water treatment plants	0		
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

A. Pourashava Profile

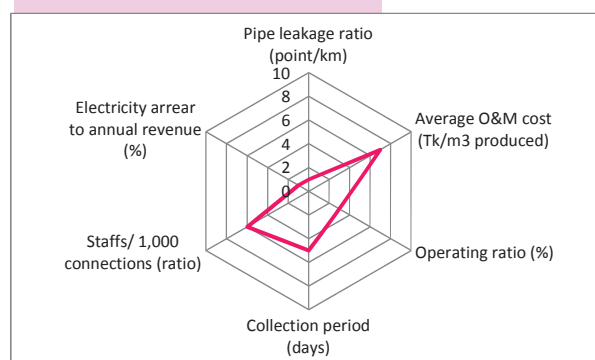
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	45
District	Bagerhat	Water sealed slab latrine (%)	28
Year established	1988	Water-related diseases	, , , ,
Contact Tel/Fax	Tel : 0468-63108, Mob : 01726278480	Technical staff (Nos.)	25
E-mail	bgtpoura@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	166,042	Annual budget (Tk)	43,118,580
Nos. of households (FY2010/2011)	25,988	Revenue (Tk)	40,616,763
Literacy (%)	65	Expenditure (Tk)	41,476,849
Land area (km ²)	14	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	301	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	18		
Winter	21		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	32	Metering ratio (%)	0
Per capita produced water (L/d/ca)	97	Operating ratio (%)	69
Supply Hour (Hrs)	1	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	5 (rough idea)	Collection period (days)	97
Pipe leakage ratio (point/km)	0.5	Staffs/ 1,000 connections (ratio)	9
Average revenue (Tk/m ³ produced)	5.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.6		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1975
Piped system introduced (year)	1961
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	44
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater, River
Production tube well	
PTW (Nos.)	8
PTW not in operation (Nos.)	1
Ave. depth (m)	236
Capacity at commission (m ³ /hrs)	51
Ave. current capacity per unit (m ³ /hrs)	46
Ave. production hours, Summer (hrs/day)	21
Total production, Summer (m ³ /day)	5,080
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	1
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	600
Production hours, Summer (hrs/day)	Not in operation
Total production (m ³ /day)	Not in operation

Chlorination points (Nos.)	
PTW	-
IRP/AIRP	-
Surface WTP	1
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	5,080

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	1,300
Distribution network (km):	83,500
Leakages in distribution (Nos.)	40

(3) O&M Problems

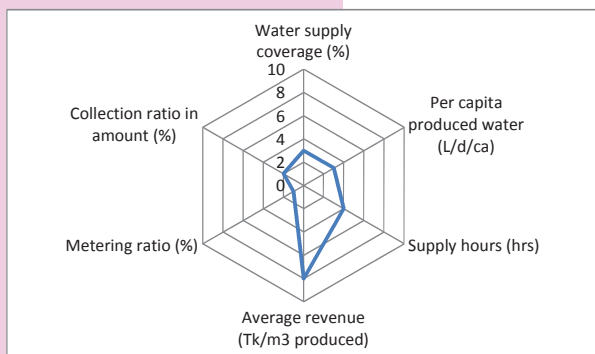
Production wells	Production well discharge decreasing substantially.
Pump	Pumps & motor burned due to fluctuation of voltage & short-circuit.
Treatment plant	Present surface water treatment plant is out of order.
Pipeline	In ward no. 1, 7, 8 & 9 2 + 4 consumers are not getting sufficient water.
Customer water meter	Presently water meter are not being used. So, accurate water tariff can not collect.
House connection	Leakage in fittings and clogging
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	40
Leakage detection activity	Yes

A. Pourashava Profile

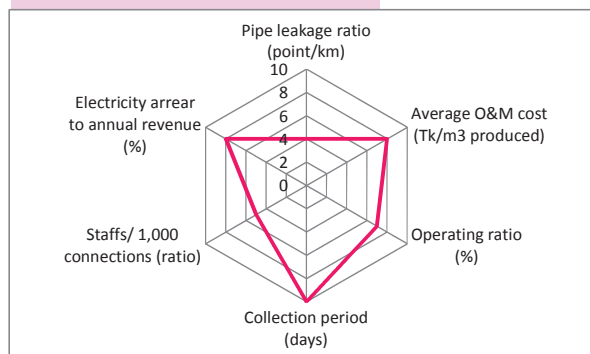
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30
District	Kishorganj	Water sealed slab latrine (%)	40
Year established	1869	Water-related diseases	, , , , Dysentery,
Contact Tel/Fax	Mob : 01715440842		
E-mail		Technical staff (Nos.)	5
Population (FY2010/2011)	50,180	Financial statements (2010/2011)	0
Nos. of households (FY2010/2011)	5,802	Annual budget (Tk)	85,309,097
Literacy (%)	95	Revenue (Tk)	16,065,982
Land area (km ²)	6	Expenditure (Tk)	75,992,000
Residential area (km ²)	3	Computerization	Holding tax management, , , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area pop. density (persons/ha)	165		
Electricity coverage (%)	80	Committee formed	
Electricity availability (hrs)		TLCC/Frequency of meeting	No
Summer	8	WATSAN/Frequency of meeting	No
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	20	Metering ratio (%)	0
Per capita produced water (L/d/ca)	60	Operating ratio (%)	101
Supply Hour (Hrs)	5	Collection ratio in amount (%)	50
Non-revenue water (NRW) (%)	-	Collection period (days)	847
Pipe leakage ratio (point/km)	1.5	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	4.9	Electricity arrear to annual revenue (%)	57
Average O&M cost (Tk/m ³ produced)	4.9		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1998
Piped system introduced (year)	1997
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , ,
Staff in water section (Nos.)	11
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	199
Capacity at commission (m ³ /hrs)	80
Ave. current capacity per unit (m ³ /hrs)	60
Ave. production hours, Summer (hrs/day)	5
Total production, Summer (m ³ /day)	600
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	600

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	682
Distribution network (km):	13,000
Leakages in distribution (Nos.)	20

(3) O&M Problems

Production wells	Decrease of production capacity
Pump	Damages, Burns
Treatment plant	-
Pipeline	Pipe crack, Leakage occurs at joint
Customer water meter	-
House connection	Leakage.
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	20
Leakage detection activity	Yes

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	25
District	Barisal	Water sealed slab latrine (%)	45
Year established	1990	Water-related diseases	, , , , ,
Contact Tel/Fax	432874075	Technical staff (Nos.)	17
E-mail	mayorbakergonj@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	24,812	Annual budget (Tk)	150,760,000
Nos. of households (FY2010/2011)	3,150	Revenue (Tk)	17,760,000
Literacy (%)	75	Expenditure (Tk)	15,000,000
Land area (km ²)	6	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	3	Committee formed	
Residential area pop. density (persons/ha)	83	TLCC /Frequency of meeting	No
Electricity coverage (%)	85	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	8	Metering ratio (%)	0
Per capita produced water (L/d/ca)	57	Operating ratio (%)	231
Supply Hour (Hrs)	2	Collection ratio in amount (%)	90
Non-revenue water (NRW) (%)	-	Collection period (days)	10
Pipe leakage ratio (point/km)	5	Staffs/ 1,000 connections (ratio)	17
Average revenue (Tk/m ³ produced)	8.1	Electricity arrear to annual revenue (%)	8
Average O&M cost (Tk/m ³ produced)	18.8		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2011
Piped system introduced (year)	2011
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	6
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	1
Ave. depth (m)	350
Capacity at commission (m ³ /hrs)	48
Ave. current capacity per unit (m ³ /hrs)	40
Ave. production hours, Summer (hrs/day)	3
Total production, Summer (m ³ /day)	120
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	120

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	2,400
Leakages in distribution (Nos.)	12

(3) O&M Problems

Production wells	Decrease of production capacity.
Pump	Burning of pump motor due to voltage fluctuation.
Treatment plant	
Pipeline	Joint dislocated.
Customer water meter	-
House connection	Leakage from fittings
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	12
Leakage detection activity	No

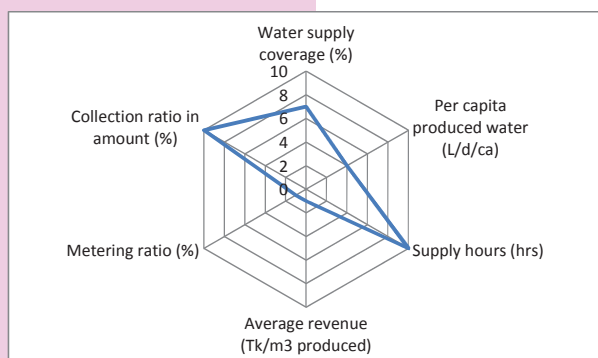
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)		400
Rehabilitation		Tariff adopted year		2011
Production tube well		Tariff setting policy		, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant		7. Water Quality Monitoring		
Distribution network		Water quality monitoring plan		No
Expansion		Parameters checked		-
Production tube well		Frequency of quality test		-
Treatment plant		Nos. of sampling location /year		-
Distribution network		Water quality problems		Few Fe have found in water.
4. Customer Service (Service indicators)		8. Problems and Priority Needs		
Coverage area (km ²)		Major 3 problems		(1) Low Coverage
Population served (people)				(2) Less financial resources.
Service connections (Nos.)				(3) Insufficient technical and managerial capacity.
Domestic				
Public tap/ stand pipe				
Public institutions				
Commercial & industrial				
Others				
Total				
Metered connections (Nos.)		Major 3 priority needs		(1) Production well and pump
Applications outstanding (Nos.)				(2) Distribution network
New connections in 2010/2011 (Nos.)				(3) Y/3 (Over Head Tank)
Average waiting time (days)				
Water pressure at the end of network				
Continuity of service (hrs/day)				
Customer with 24 hrs supply (%)				
Annual complaints (Nos.)				
Major complaints		9. Past and On-going Projects and Training		
		(1) Past 10 years projects		
		Name		-
		Period		-
		Funding agency		-
		Executing agency		-
		(2) Past 10 years projects		-
		Name		-
		Period		-
		Funding agency		-
		Executing agency		-
		On-going projects		-
		Name		-
		Period		-
		Funding agency		-
		Executing agency		-
		Training		-
		Nos. of training		0
		Nos. of Staff		0
		Name of training (1)		-
		Name of training (2)		-
		Name of training (3)		-
5. Financial Information (FY2010/11)				
Annual budget (Tk)		21,130,000		
Annual revenue (Tk)		356,495		
Annual expenditure (Tk)		183,861		
Annual O&M Costs (Tk)		825,231		
Annual billings (Tk)		100,190		
Annual collections (Tk)		90,190		
Water arrears (Tk)		10,000		
Electricity arrears (Tk)		30,000		
Payment methods		, Bank		
Self-billing		No		
Billing frequency		Monthly		
6. Water Tariff and Metering (See Tariff Database)				
Tariff Structure		Fixed amount		
Domestic 13 mm (1/2") (Tk/month)		100		
Non-domestic lowest (Tk/month)		0		
Lowest volumetric charge (Tk/m ³)		0		
D. Non-Piped Water Supply Area				
1. Necessity of Piped Water Supply				
Necessity of				
Piped water		Yes		Main treatment method in domestic
Water meter		Yes		As contaminated wells (Nos.)
Reasons		To reduce the waste of water, To ensure actual bill payment.		Arsenic contaminated water supply (%)
				Unhygienic drinking water (%)
				% of people using neighbor's well for drinking
				Problems in non-piped water supply area
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped Water Supply System
Average household income/month (Tk)		8,000		
Affordability for piped water (Tk/month)		300		
Affordable price in total household income (%)		4		
2. Exiting Water Sources in Non-Piped Water Supply Area				
	Source	Nos. of source	Drinking (%)	Domestic (%)
	River	2	0	25
	Shallow well	150	10	10
	Deep well	50	90	20
	Ponds	52	0	45
	Other sources	0	0	0

A. Pourashava Profile

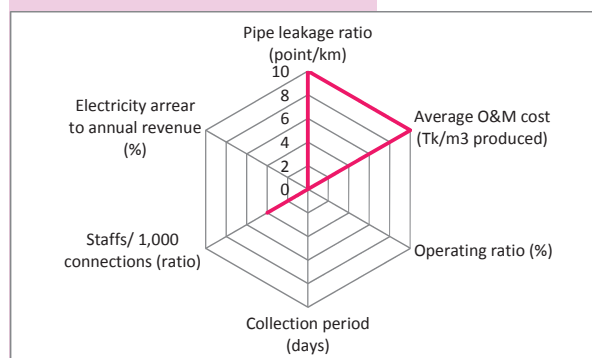
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	70
District	Bandarban	Water sealed slab latrine (%)	15
Year established	1984	Water-related diseases	, , , , ,
Contact Tel/Fax	0361-62588	Technical staff (Nos.)	20
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	73,806	Annual budget (Tk)	23,326,961
Nos. of households (FY2010/2011)	6,169	Revenue (Tk)	25,117,553
Literacy (%)	65	Expenditure (Tk)	22,679,203
Land area (km ²)	26	Computerization	Holding tax management, Accounting, Trade license, Salary payment, , Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	16	Committee formed	
Residential area pop. density (persons/ha)	48	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	2		
Winter	10		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	0
Per capita produced water (L/d/ca)	79	Operating ratio (%)	-
Supply Hour (Hrs)	20	Collection ratio in amount (%)	101
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	30	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	0	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	15		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	1992	PTW	-
Pourashava responsibility	O&M by DPHE, ,	IRP/AIRP	-
Computerization/Automation	, Billing, , , ,	Surface WTP	1
Staff in water section (Nos.)	17	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	3	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	2,330

2. Water Supply System

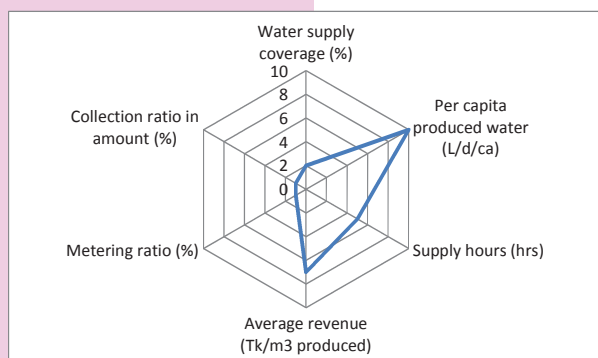
Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater, River	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	4	Distribution network (km):	6,676
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	200
Ave. depth (m)	280	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	10	Production wells	Due to long service
Ave. current capacity per unit (m ³ /hrs)	11	Pump	Due to long service
Ave. production hours, Summer (hrs/day)	5	Treatment plant	Due to long service
Total production, Summer (m ³ /day)	230	Pipeline	Some pipes burst and break due to land slide and joint dislocation.
Treatment plants (Nos.)		Customer water meter	
AIRP	0	House connection	Leakage from fittings etc
IRP	0	O&M manuals (Nos.)	0
Surface water treatment plants	1	O&M assistance form DPHE	Yes
Plants not in operation	0	Annual leakages (Nos.)	200
Production of plant	0	Leakage detection activity	Yes
Total capacity (m ³ /hrs)	100		
Production hours, Summer (hrs/day)	21		
Total production (m ³ /day)	2,100		

A. Pourashava Profile

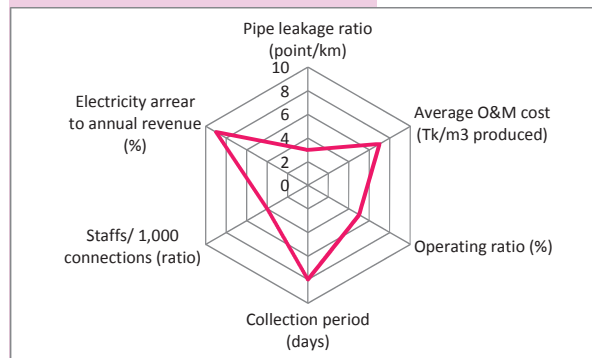
Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	20
District	Barguna	Water sealed slab latrine (%)	30
Year established	1973	Water-related diseases	, , , , ,
Contact Tel/Fax	0448-62224	Technical staff (Nos.)	22
E-mail	mayr@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	60,875	Annual budget (Tk)	384,451,856
Nos. of households (FY2010/2011)	5,886	Revenue (Tk)	39,566,900
Literacy (%)	90	Expenditure (Tk)	36,833,288
Land area (km ²)	13	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	94	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	17		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	53	Metering ratio (%)	0
Per capita produced water (L/d/ca)	146	Operating ratio (%)	71
Supply Hour (Hrs)	6	Collection ratio in amount (%)	94
Non-revenue water (NRW) (%)	-	Collection period (days)	120
Pipe leakage ratio (point/km)	6.8	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	4	Electricity arrear to annual revenue (%)	13
Average O&M cost (Tk/m ³ produced)	2.9		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1999
Piped system introduced (year)	1988
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , , ,
Staff in water section (Nos.)	17
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater, River
Production tube well	
PTW (Nos.)	7
PTW not in operation (Nos.)	2
Ave. depth (m)	284
Capacity at commission (m ³ /hrs)	60
Ave. current capacity per unit (m ³ /hrs)	59
Ave. production hours, Summer (hrs/day)	16
Total production, Summer (m ³ /day)	4,686
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	1
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	200
Production hours, Summer (hrs/day)	Not in operation
Total production (m ³ /day)	Not in operation

Chlorination points (Nos.)	
PTW	-
IRP/AIRP	-
Surface WTP	Not operated
Bulk flow meters (Nos.)	5
Bulk flow meter readings (Nos.)	5
Total production, Summer (m ³ /day)	4,686

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	51,395
Leakages in distribution (Nos.)	350

(3) O&M Problems

Production wells	Production well- 10 & 7 is not working due to water with mixing sand
Pump	Burning of pump due to voltage fluctuation
Treatment plant	Treatment plant, pump is disorder, flow chamber damage
Pipeline	Leakage
Customer water meter	
House connection	Leakage from fitting and clogging
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	350
Leakage detection activity	No

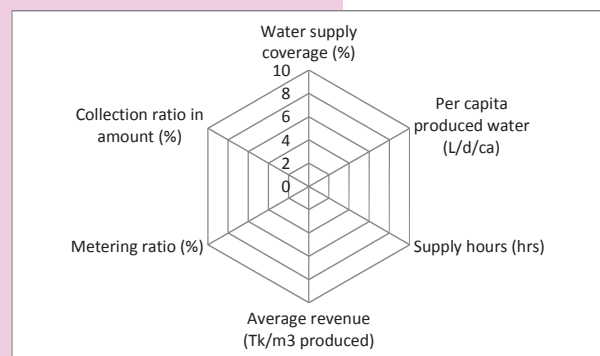
A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	10
District	Comilla	Water sealed slab latrine (%)	5
Year established	1995	Water-related diseases	, , Cholera, , Dysentery,
Contact Tel/Fax	08-02752068		
E-mail	N.A.	Technical staff (Nos.)	5
Population (FY2010/2011)	40,283	Financial statements (2010/2011)	0
Nos. of households (FY2010/2011)	8,959	Annual budget (Tk)	50,090,769
Literacy (%)	50	Revenue (Tk)	7,054,294
Land area (km ²)	24	Expenditure (Tk)	8,543,710
Residential area (km ²)	7	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, , , ,
Residential area pop. density (persons/ha)	56		
Electricity coverage (%)	65	Committee formed	
Electricity availability (hrs)		TLCC /Frequency of meeting	No
Summer	8	WATSAN/Frequency of meeting	No
Winter	12		

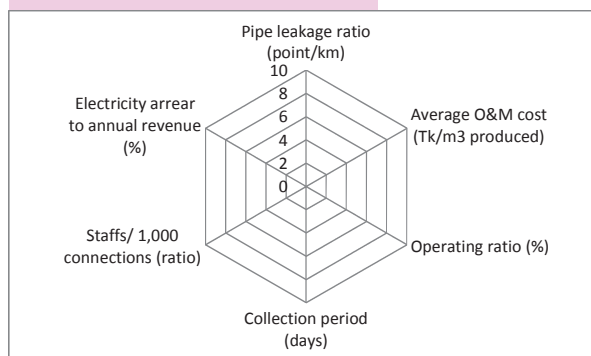
B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-
Per capita produced water (L/d/ca)	-
Supply Hour (Hrs)	No water supply service
Non-revenue water (NRW) (%)	-
Pipe leakage ratio (point/km)	-
Average revenue (Tk/m ³ produced)	-
Average O&M cost (Tk/m ³ produced)	-

Metering ratio (%)	-
Operating ratio (%)	-
Collection ratio in amount (%)	-
Collection period (days)	-
Staffs/ 1,000 connections (ratio)	-
Electricity arrear to annual revenue (%)	-



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2009
Piped system introduced (year)	2009
Pourashava responsibility	O&M, ,
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	3
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	4
PTW not in operation (Nos.)	4
Ave. depth (m)	0
Capacity at commission (m ³ /hrs)	0
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	1
Surface water treatment plants	0
Plants not in operation	1
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	0

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	12,560
Leakages in distribution (Nos.)	-

(3) O&M Problems

Production wells	No production
Pump	No production
Treatment plant	-
Pipeline	Not problem (Due to no production)
Customer water meter	-
House connection	-
O&M manuals (Nos.)	-
O&M assistance form DPHE	No
Annual leakages (Nos.)	-
Leakage detection activity	-

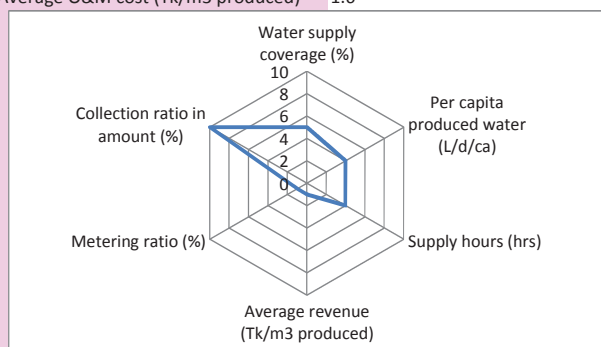
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	0
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	No	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	No	Water quality monitoring plan	-
Treatment plant	Yes	Parameters checked	-
Distribution network	Yes	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) No available overhead tank
Population served (people)	No water supply service		(2) People are not interested for water connection because they have own tube well
Service connections (Nos.)	0		(3) Insufficient technical and management capacity
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) Y/1 (Overhead tank [for water storage, better pressure])
Applications outstanding (Nos.)	-		(2) Increase of production capacity
New connections in 2010/2011 (Nos.)	-		(3) Expansion and replacement of network
Average waiting time (days)	-		
Water pressure at the end of network	, , ,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1) -	9. Past and On-going Projects and Training	
	(2) -	(1) Past 10 years projects	
	(3) -	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	-
		Nos. of training	-
		Nos. of Staff	-
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	518,328		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	500,744		
Annual O&M Costs (Tk)	500,744		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of		As contaminated wells (Nos.)	Do not know
Piped water	Yes	Arsenic contaminated water supply (%)	Do not know
Water meter	Yes	Unhygienic drinking water (%)	3
Reasons	Because it will reduce the misuse of water and we will get actual water volume consumed.	% of people using neighbor's well for drinking	20
		Problems in non-piped water supply area	Arsenic, Iron
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000	Potential water sources	<u>Evaluation</u>
Affordability for piped water (Tk/month)	200	Shallow well	Moderate
Affordable price in total household income (%)	2	Deep well	Moderate
		Surface water sources	-
		Other sources	No
2. Existing Water Sources in Non-Piped Water Supply Area		Decrease of ground water level	
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	800	95	48
Deep well	10	5	2
Ponds	662	0	50
Other sources	0	0	0
		Shallow well (m/year)	-
		Deep well (m/year)	-

A. Pourashava Profile

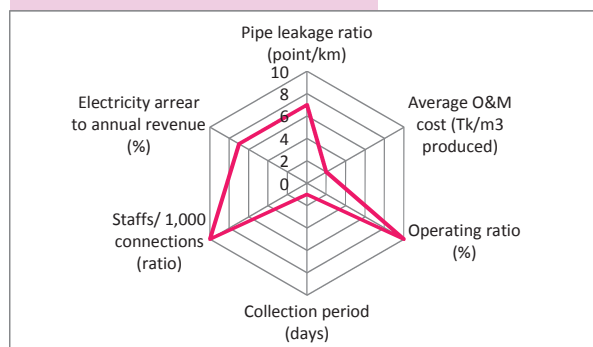
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	30
District	Pabna	Water sealed slab latrine (%)	60
Year established	1988	Water-related diseases	, , , , , Hepatitis
Contact Tel/Fax	Tel: 07323-75229 (in/c Fax)	Technical staff (Nos.)	9
E-mail	berapourashava1988@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	56,844	Annual budget (Tk)	333,422,408
Nos. of households (FY2010/2011)	11,046	Revenue (Tk)	41,177,955
Literacy (%)	85	Expenditure (Tk)	40,281,014
Land area (km ²)	21	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	10	Committee formed	
Residential area pop. density (persons/ha)	55	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	16		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	30	Metering ratio (%)	0
Per capita produced water (L/d/ca)	68	Operating ratio (%)	316
Supply Hour (Hrs)	5	Collection ratio in amount (%)	99
Non-revenue water (NRW) (%)	-	Collection period (days)	5
Pipe leakage ratio (point/km)	4.3	Staffs/ 1,000 connections (ratio)	33
Average revenue (Tk/m ³ produced)	0.5	Electricity arrear to annual revenue (%)	28
Average O&M cost (Tk/m ³ produced)	1.6		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	2008	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	9	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	1,155

2. Water Supply System

Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater,	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	3	Distribution network (km):	14,000
PTW not in operation (Nos.)	1	Leakages in distribution (Nos.)	60
Ave. depth (m)	Do not know	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	133	Production wells	One Production well is out of order. During pumping mud mixed water discharging. This could not be repaired. They don't know the One pump remain closed as network has major leakage.
Ave. current capacity per unit (m ³ /hrs)	101	Pump	
Ave. production hours, Summer (hrs/day)	5	Treatment plant	-
Total production, Summer (m ³ /day)	1,155	Pipeline	Broken pipe
Treatment plants (Nos.)		Customer water meter	No water meter for pumps so water supply can not be measured.
AIRP	0	House connection	No major problem yet.
IRP	0	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	60
Production of plant	0	Leakage detection activity	No
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		500	
Rehabilitation				Tariff adopted year		2009	
Production tube well		Yes		Tariff setting policy		, Operation cost recovery (O&M costs), , People's affordability to pay, ,	
Treatment plant		No					
Distribution network		Yes		7. Water Quality Monitoring			
Expansion				Water quality monitoring plan		No	
Production tube well		Yes		Parameters checked		-	
Treatment plant		Yes		Frequency of quality test		-	
Distribution network		Yes		Nos. of sampling location /year		-	
				Water quality problems		Water contaminated by iron	
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		8		Major 3 problems		(1) Improvement of water quality	
Population served (people)		17,050				(2) Reduction of leakage	
Service connections (Nos.)		274				(3) Increased of water pressure	
Domestic		223					
Public tap/ stand pipe		49					
Public institutions		1					
Commercial & industrial		1					
Others		0					
Total		274					
Metered connections (Nos.)		0		Major 3 priority needs		(1) Improvement of water quality	
Applications outstanding (Nos.)		0				(2) Reduction of leakage	
New connections in 2010/2011 (Nos.)		0				(3) Production well and pump	
Average waiting time (days)		0					
Water pressure at the end of network		, , Low,					
Continuity of service (hrs/day)		5					
Customer with 24 hrs supply (%)		0					
Annual complaints (Nos.)		60					
Major complaints		(1) Present water supply does not cover for all Pourashava.		(1) Past 10 years projects			
		(2) Low water pressure		Name		-	
				Period		-	
		(3) Water contaminated by excessive iron.		Funding agency		-	
				Executing agency		-	
				(2) Past 10 years projects		-	
				Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				On-going projects		-	
				Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				Training		-	
				Nos. of training		0	
				Nos. of Staff		0	
				Name of training (1)		-	
				Name of training (2)		-	
				Name of training (3)		-	
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training			
Annual budget (Tk)		690,000					
Annual revenue (Tk)		212,660					
Annual expenditure (Tk)		672,336					
Annual O&M Costs (Tk)		672,336					
Annual billings (Tk)		215,300					
Annual collections (Tk)		212,660					
Water arrears (Tk)		2,640					
Electricity arrears (Tk)		60,000					
Payment methods		, Bank					
Self-billing		No					
Billing frequency		Monthly					
6. Water Tariff and Metering (See Tariff Database)							
Tariff Structure		Based on pipe size					
Domestic 13 mm (1/2") (Tk/month)		60					
Non-domestic lowest (Tk/month)		120					
Lowest volumetric charge (Tk/m ³)		0					
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply				Main treatment method in domestic			
Necessity of				As contaminated wells (Nos.)		None, , ,	
Piped water		Yes		Arsenic contaminated water supply (%)		500	
Water meter		No		Unhygienic drinking water (%)		5	
Reasons		-		% of people using neighbor's well for drinking		No data	
				Problems in non-piped water supply area		15	
						Arsenic and iron on shallow tube well, River and ponds are contaminated by human waste	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped Water Supply System			
Average household income/month (Tk)		8,000		Potential water sources		Evaluation	WQ problems
Affordability for piped water (Tk/month)		150		Shallow well		None	Arsenic & Iron
Affordable price in total household income (%)		2		Deep well		Moderate	Fe
				Surface water sources		High	No problem
				Other sources		No	-
2. Existing Water Sources in Non-Piped Water Supply Area				Decrease of ground water level			
Source		Nos. of source	Drinking (%)	Shallow well (m/year)		0.3	
River		1	0	Deep well (m/year)		-	
Shallow well		3,500	100				
Deep well		0	0				
Ponds		20	0				
Other sources		0	0				

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	10
District	Pabna	Water sealed slab latrine (%)	80
Year established	1999	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 07328-56090	Technical staff (Nos.)	6
E-mail	bhangurapourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	21,441	Annual budget (Tk)	15,903,200
Nos. of households (FY2010/2011)	3,893	Revenue (Tk)	9,603,200
Literacy (%)	58	Expenditure (Tk)	12,732,000
Land area (km ²)	23	Computerization	Holding tax management, Accounting, Trade license, Salary payment, , Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	26	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	No
Electricity availability (hrs)	0		
Summer	10		
Winter	15		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	2012 /On-going	PTW	-
Pourashava responsibility	, ,	IRP/AIRP	-
		Surface WTP	-
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
		Bulk flow meter readings (Nos.)	-
Staff in water section (Nos.)	0	Total production, Summer (m ³ /day)	0
In which, staff with diploma or higher qualification (Nos.)	0	(2) Distribution	
2. Water Supply System		Overhead tank	0
Operation of water supply facilities	Not in operation	Overhead tanks (Nos.)	0
(1) Production		Total capacity (m ³)	0
Water sources for piped system	Groundwater,	Distribution network (km):	15,000
Production tube well		Leakages in distribution (Nos.)	-
PTW (Nos.)	4	(3) O&M Problems	
PTW not in operation (Nos.)	0	Production wells	-
Ave. depth (m)	74	Pump	-
Capacity at commission (m ³ /hrs)	0	Treatment plant	-
Ave. current capacity per unit (m ³ /hrs)	0	Pipeline	-
Ave. production hours, Summer (hrs/day)	0	Customer water meter	-
Total production, Summer (m ³ /day)	0	House connection	-
Treatment plants (Nos.)		O&M manuals (Nos.)	-
AIRP	0	O&M assistance form DPHE	No
IRP	0	Annual leakages (Nos.)	-
Surface water treatment plants	0	Leakage detection activity	-
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

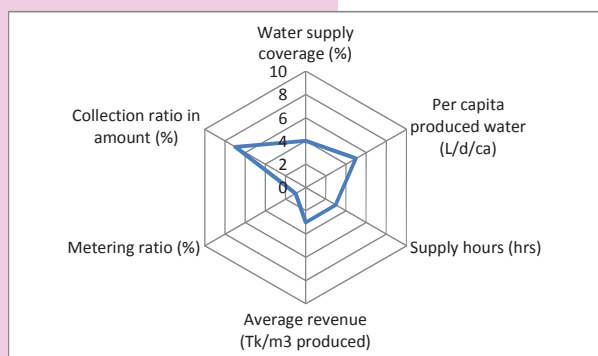
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	No	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	No	Water quality monitoring plan	-
Treatment plant	No	Parameters checked	-
Distribution network	No	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) -
Population served (people)	No water supply service		(2) -
Service connections (Nos.)	0		(3) -
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) 0
Applications outstanding (Nos.)	-		(2) 0
New connections in 2010/2011 (Nos.)	-		(3) 0
Average waiting time (days)	-		
Water pressure at the end of network	, , ,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1)	9. Past and On-going Projects and Training	
	(2)	(1) Past 10 years projects	
	(3)	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	2009-2010 to 2012-2013
		Funding agency	GOB
		Executing agency	DPHE
		Training	0
		Nos. of training	1
		Nos. of Staff	2
		Name of training (1)	Computer billing system
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of		As contaminated wells (Nos.)	No data
Piped water	Yes	Arsenic contaminated water supply (%)	0
Water meter	No	Unhygienic drinking water (%)	25
Reasons		% of people using neighbor's well for drinking	3
		Problems in non-piped water supply area	Shallow tube well water level is declining during dry season, that time there is no water in dry season.,
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	6,500	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	150	Shallow well	None
Affordable price in total household income (%)	2	Deep well	0
		Surface water sources	None
		Other sources	No
		Decrease of ground water level	0.5
		Shallow well (m/year)	
		Deep well (m/year)	
2. Exiting Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,200	100	90
Deep well	0	0	0
Ponds	12	0	10
Other sources	0	0	0

A. Pourashava Profile

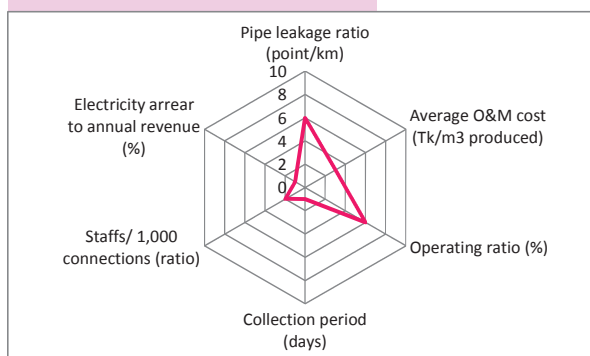
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	12.8
District	Faridpur	Water sealed slab latrine (%)	37.95
Year established	1997	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	0632356284; 0632356283; 01756936990	Technical staff (Nos.)	5
E-mail	afndraeja @ yahoo. Com	Financial statements (2010/2011)	0
Population (FY2010/2011)	38,961	Annual budget (Tk)	151,798,000
Nos. of households (FY2010/2011)	6,173	Revenue (Tk)	11,498,000
Literacy (%)	56	Expenditure (Tk)	14,366,000
Land area (km ²)	9	Computerization	Holding tax management, Accounting, , , , , Yearly logical budget preparation, Procurement,
Residential area (km ²)	2	Committee formed	
Residential area pop. density (persons/ha)	235	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	75	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	7		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	21	Metering ratio (%)	0
Per capita produced water (L/d/ca)	96	Operating ratio (%)	96
Supply Hour (Hrs)	4	Collection ratio in amount (%)	88
Non-revenue water (NRW) (%)	-	Collection period (days)	0
Pipe leakage ratio (point/km)	2.9	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	1.9		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2007
Piped system introduced (year)	2009
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	6
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	3
PTW not in operation (Nos.)	0
Ave. depth (m)	223
Capacity at commission (m ³ /hrs)	66
Ave. current capacity per unit (m ³ /hrs)	64
Ave. production hours, Summer (hrs/day)	4
Total production, Summer (m ³ /day)	765
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	765

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	8,500
Leakages in distribution (Nos.)	25

(3) O&M Problems

Production wells	No problem
Pump	Pump efficiency has been decreased
Treatment plant	-
Pipeline	No problem
Customer water meter	-
House connection	Leakage
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	25
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	100	
Rehabilitation				Tariff adopted year	2009	
Production tube well	Yes			Tariff setting policy	.....
Treatment plant	No					
Distribution network	No					
Expansion				7. Water Quality Monitoring		
Production tube well	Yes			Water quality monitoring plan	No	
Treatment plant	No			Parameters checked	-	
Distribution network	No			Frequency of quality test	-	
				Nos. of sampling location /year	-	
				Water quality problems	-	
4. Customer Service (Service indicators)				8. Problems and Priority Needs		
Coverage area (km ²)	2			Major 3 problems	(1) Low coverage	
Population served (people)	8,000				(2) Less financial resources	
Service connections (Nos.)	1,020				(3) Low treatment technology	
Domestic	485			Major 3 priority needs	(1) Production well and pump	
Public tap/ stand pipe	510				(2) Increase of water pressure	
Public institutions	0				(3) Treatment plant	
Commercial & industrial	0					
Others	25					
Total	1,020					
Metered connections (Nos.)	0					
Applications outstanding (Nos.)	0					
New connections in 2010/2011 (Nos.)	25					
Average waiting time (days)	0					
Water pressure at the end of network	, , Low,					
Continuity of service (hrs/day)	4					
Customer with 24 hrs supply (%)	1					
Annual complaints (Nos.)	800					
Major complaints	(1) Low Pressure					
	(2) Leakage					
	(3) -					
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training		
Annual budget (Tk)	0			(1) Past 10 years projects		
Annual revenue (Tk)	558,659			Name	-	
Annual expenditure (Tk)	534,742			Period	-	
Annual O&M Costs (Tk)	534,742			Funding agency	-	
Annual billings (Tk)	634,320			Executing agency	-	
Annual collections (Tk)	558,659			(2) Past 10 years projects	-	
Water arrears (Tk)	0			Name	-	
Electricity arrears (Tk)	0			Period	-	
Payment methods	, Bank			Funding agency	-	
Self-billing	Yes			Executing agency	-	
Billing frequency	Monthly			On-going projects	-	
				Name	-	
				Period	-	
				Funding agency	-	
				Executing agency	-	
				Training	-	
				Nos. of training	-	
				Nos. of Staff	-	
				Name of training (1)	-	
				Name of training (2)	-	
				Name of training (3)	-	
D. Non-Piped Water Supply Area						
1. Necessity of Piped Water Supply				Main treatment method in domestic		
Necessity of				As contaminated wells (Nos.)	, Boiling, ,	
Piped water	Yes			Arsenic contaminated water supply (%)	2	
Water meter	Yes			Unhygienic drinking water (%)	70	
Reasons	- To save water and reduce waste in household, and reduce non-revenue water (NRW), meter is required. - By knowing how much water we produced and how much water delivered to customers we will know the amount of non-revenue water. It will help us to improve the efficiency of our system.			% of people using neighbor's well for drinking	Do not know	
Affordability (answered by pourashava staff)	0			Problems in non-piped water supply area	60	
Average household income/month (Tk)	10,000			Drinking unhygienic water,		
Affordability for piped water (Tk/month)	100					
Affordable price in total household income (%)	1					
2. Exiting Water Sources in Non-Piped Water Supply Area				3. Potential Water Sources for Non-Piped Water Supply System		
Source	Nos. of source	Drinking (%)	Domestic (%)	Potential water sources	Evaluation	WQ problems
River	2	5	20	Shallow well	None	Arsenic
Shallow well	3500	70	60	Deep well	High	No problem
Deep well	33	20	10	Surface water sources	Moderate	Turbidity
Ponds	10	5	10	Other sources	No	-
Other sources	0	0	0	Decrease of ground water level		
				Shallow well (m/year)	1.7	
				Deep well (m/year)	1.7	

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	15
District	Kishorganj	Water sealed slab latrine (%)	20
Year established	1958	Water-related diseases	, Diarrhea, , Dysentery,
Contact Tel/Fax	09424-71823	Technical staff (Nos.)	9
E-mail	mayor_bp@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	125,000	Annual budget (Tk)	364,250,000
Nos. of households (FY2010/2011)	10,500	Revenue (Tk)	55,356,987
Literacy (%)	72	Expenditure (Tk)	50,620,526
Land area (km ²)	13	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	3	Committee formed	
Residential area pop. density (persons/ha)	371	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	19		
Winter	23		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	3	Metering ratio (%)	0
Per capita produced water (L/d/ca)	91	Operating ratio (%)	70
Supply Hour (Hrs)	4	Collection ratio in amount (%)	75
Non-revenue water (NRW) (%)	25	Collection period (days)	50
Pipe leakage ratio (point/km)	0.3	Staffs/ 1,000 connections (ratio)	36
Average revenue (Tk/m ³ produced)	12.5	Electricity arrear to annual revenue (%)	76
Average O&M cost (Tk/m ³ produced)	8.7		

Overall performance of Positive Pls

Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2007	Chlorination points (Nos.)	
Piped system introduced (year)	2000	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	1
Computerization/Automation	, Billing, Accounting, Asset management, Pumping, Treatment,	Surface WTP	0
Staff in water section (Nos.)	11	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	4	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	364
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	In operation	Overhead tank	0
(1) Production		Overhead tanks (Nos.)	1
Water sources for piped system	Groundwater,	Total capacity (m ³)	681
Production tube well		Distribution network (km):	25,100
PTW (Nos.)	4	Leakages in distribution (Nos.)	8
PTW not in operation (Nos.)	1	(3) O&M Problems	
Ave. depth (m)	174	Production wells	Declining water table
Capacity at commission (m ³ /hrs)	159	Pump	Pump burns due to voltage fluctuation.
Ave. current capacity per unit (m ³ /hrs)	135	Treatment plant	Filter damage
Ave. production hours, Summer (hrs/day)	5	Pipeline	Leakage, Pressure is low
Total production, Summer (m ³ /day)	675	Customer water meter	-
Treatment plants (Nos.)		House connection	No problem
AIRP	0	O&M manuals (Nos.)	0
IRP	1	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	8
Plants not in operation	0	Leakage detection activity	No
Production of plant	0		
Total capacity (m ³ /hrs)	91		
Production hours, Summer (hrs/day)	4		
Total production (m ³ /day)	364		

22

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	60
District	Kushtia	Water sealed slab latrine (%)	30
Year established	1983	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 07022-71347	Technical staff (Nos.)	10
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	26,000	Annual budget (Tk)	26,460,046
Nos. of households (FY2010/2011)	4,615	Revenue (Tk)	14,224,000
Literacy (%)	70	Expenditure (Tk)	14,087,000
Land area (km ²)	4	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	3	Committee formed	
Residential area pop. density (persons/ha)	89	TLCC /Frequency of meeting	No
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	30	Metering ratio (%)	0
Per capita produced water (L/d/ca)	38	Operating ratio (%)	192
Supply Hour (Hrs)	6.5	Collection ratio in amount (%)	90
Non-revenue water (NRW) (%)	10	Collection period (days)	212
Pipe leakage ratio (point/km)	1.3	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	4.7	Electricity arrear to annual revenue (%)	630
Average O&M cost (Tk/m ³ produced)	9		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2001
Piped system introduced (year)	1996
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	91
Capacity at commission (m ³ /hrs)	86
Ave. current capacity per unit (m ³ /hrs)	50
Ave. production hours, Summer (hrs/day)	3
Total production, Summer (m ³ /day)	300
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	300

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	11,420
Leakages in distribution (Nos.)	15

(3) O&M Problems

Production wells	Production well decrease of production capacity.
Pump	Physical damage of bearing, coil & voltage fluctuation.
Treatment plant	-
Pipeline	Leakage of joint from point dresser capacity
Customer water meter	-
House connection	Leakage of fittings run intentional damage
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	15
Leakage detection activity	Yes

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	33
District	Bhola	Water sealed slab latrine (%)	63
Year established	1920	Water-related diseases	, , , , ,
Contact Tel/Fax	0491-61525(Mayor), 62737(XEN), 62741(Sec), Fax: 0491-62155	Technical staff (Nos.)	25
E-mail	mayorbhola@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	60,933	Annual budget (Tk)	72,341,258
Nos. of households (FY2010/2011)	10,700	Revenue (Tk)	58,341,258
Literacy (%)	86	Expenditure (Tk)	68,857,902
Land area (km ²)	31	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	17	Committee formed	
Residential area pop. density (persons/ha)	35	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	98	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	74	Metering ratio (%)	0
Per capita produced water (L/d/ca)	138	Operating ratio (%)	78
Supply Hour (Hrs)	10	Collection ratio in amount (%)	49
Non-revenue water (NRW) (%)	-	Collection period (days)	251
Pipe leakage ratio (point/km)	5.4	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	3.3	Electricity arrear to annual revenue (%)	6
Average O&M cost (Tk/m ³ produced)	2.6		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1985
Piped system introduced (year)	1985
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	20
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	9
PTW not in operation (Nos.)	1
Ave. depth (m)	278
Capacity at commission (m ³ /hrs)	63
Ave. current capacity per unit (m ³ /hrs)	65
Ave. production hours, Summer (hrs/day)	12
Total production, Summer (m ³ /day)	6,240
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	1
Bulk flow meter readings (Nos.)	1
Total production, Summer (m ³ /day)	6,240

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	53,430
Leakages in distribution (Nos.)	290

(3) O&M Problems

Production wells	One well choked up due to sand flow with water
Pump	Burning of pump motor due to voltage fluctuation
Treatment plant	-
Pipeline	Leakage
Customer water meter	-
House connection	Unspecified pipe connection(Utilized by customer).
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	290
Leakage detection activity	Yes

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	45
District	Dinajpur	Water sealed slab latrine (%)	30
Year established	1995	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 05322-56520	Technical staff (Nos.)	15
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	44,642	Annual budget (Tk)	74,468,383
Nos. of households (FY2010/2011)	8,282	Revenue (Tk)	25,235,000
Literacy (%)	70	Expenditure (Tk)	25,115,556
Land area (km ²)	26	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	10	Committee formed	
Residential area pop. density (persons/ha)	43	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	3	Metering ratio (%)	0
Per capita produced water (L/d/ca)	No production data	Operating ratio (%)	461
Supply Hour (Hrs)	3	Collection ratio in amount (%)	81
Non-revenue water (NRW) (%)	10 (a simple assumption)	Collection period (days)	121
Pipe leakage ratio (point/km)	7.3	Staffs/ 1,000 connections (ratio)	29
Average revenue (Tk/m ³ produced)	No data	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	No data		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2010
Piped system introduced (year)	2009
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	3
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	117
Capacity at commission (m ³ /hrs)	Do not know
Ave. current capacity per unit (m ³ /hrs)	Do not know
Ave. production hours, Summer (hrs/day)	3
Total production, Summer (m ³ /day)	Do not know
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	Do not know

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	5,500
Leakages in distribution (Nos.)	40

(3) O&M Problems

Production wells	-
Pump	-
Treatment plant	-
Pipeline	Pipe joint frequent leakage
Customer water meter	-
House connection	Quality of water to be improved.
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	40
Leakage detection activity	Yes

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	60
District	Bogra	Water sealed slab latrine (%)	25
Year established	1876	Water-related diseases	, , , , ,
Contact Tel/Fax	0	Technical staff (Nos.)	24
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	625,580	Annual budget (Tk)	368,121,483
Nos. of households (FY2010/2011)	57,971	Revenue (Tk)	157,506,483
Literacy (%)	73	Expenditure (Tk)	151,801,000
Land area (km ²)	69	Computerization	, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	24	Committee formed	
Residential area pop. density (persons/ha)	258	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	15		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	0
Per capita produced water (L/d/ca)	49	Operating ratio (%)	139
Supply Hour (Hrs)	2.5	Collection ratio in amount (%)	86
Non-revenue water (NRW) (%)	-	Collection period (days)	214
Pipe leakage ratio (point/km)	1	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	1.1	Electricity arrear to annual revenue (%)	442
Average O&M cost (Tk/m ³ produced)	1.5		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1962	Chlorination points (Nos.)	
Piped system introduced (year)	1962	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	29	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	12,162
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	5
		Total capacity (m ³)	4,360
		Distribution network (km):	148,000
		Leakages in distribution (Nos.)	150
		(3) O&M Problems	
		Production wells	- Panel board is not good enough - Some of column pipe damage
		Pump	No flow meters
		Treatment plant	-
		Pipeline	- Existing pipe line network is very old
		Customer water meter	-
		House connection	- Leakage - No domestic water meter
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	150
		Leakage detection activity	Yes

2. Water Supply System

Operation of water supply facilities	In operation		
(1) Production			
Water sources for piped system	Groundwater,		
Production tube well			
PTW (Nos.)	14		
PTW not in operation (Nos.)	1		
Ave. depth (m)	30		
Capacity at commission (m ³ /hrs)	100		
Ave. current capacity per unit (m ³ /hrs)	79		
Ave. production hours, Summer (hrs/day)	12		
Total production, Summer (m ³ /day)	12,162		
Treatment plants (Nos.)			
AIRP	0		
IRP	0		
Surface water treatment plants	0		
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		800	
Rehabilitation				Tariff adopted year		1993	
Production tube well		Yes		Tariff setting policy		, Operation cost recovery (O&M costs), , , ,	
Treatment plant		No					
Distribution network		Yes		7. Water Quality Monitoring			
Expansion				Water quality monitoring plan		No	
Production tube well		Yes		Parameters checked		-	
Treatment plant		Yes		Frequency of quality test		-	
Distribution network		Yes		Nos. of sampling location /year		-	
				Water quality problems		In one side of the Pourashava, we have found the iron quantity is high	
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		14		Major 3 problems		(1) Low coverage	
Population served (people)		250,000					
Service connections (Nos.)		5,456				(2) Not adequate water supply network	
Domestic		4,644				(3) Less production	
Public tap/ stand pipe		120					
Public institutions		134					
Commercial & industrial		557					
Others		1					
Total		5,456					
Metered connections (Nos.)		0		Major 3 priority needs		(1) Expansion and replacement of network	
Applications outstanding (Nos.)		0				(2) Increase of production capacity	
New connections in 2010/2011 (Nos.)		0				(3) House connection and water meter	
Average waiting time (days)		0					
Water pressure at the end of network		, Fair, ,					
Continuity of service (hrs/day)		3					
Customer with 24 hrs supply (%)		0					
Annual complaints (Nos.)		250					
Major complaints		(1) Water not available due to electricity failure					
		(2) Low pressure					
		(3) Leakage					
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training			
Annual budget (Tk)		7,260,000		(1) Past 10 years projects			
Annual revenue (Tk)		4,900,000		Name		-	
Annual expenditure (Tk)		6,800,000		Period		-	
Annual O&M Costs (Tk)		6,800,000		Funding agency		-	
Annual billings (Tk)		3,230,890		Executing agency		-	
Annual collections (Tk)		2,792,125		(2) Past 10 years projects		-	
Water arrears (Tk)		2,875,350		Name		Bogra Town Infrastructure Development Project (2004-2010)	
Electricity arrears (Tk)		21,655,065				-	
Payment methods		, Bank		Period		Bogra Town Infrastructure Development Project (2004-2010)	
Self-billing		Yes		Funding agency		2004-2010	
Billing frequency		Monthly		Executing agency		GOB	
6. Water Tariff and Metering (See Tariff Database)				On-going projects		Pourashava	
Tariff Structure		Based on pipe size		Name		-	
Domestic 13 mm (1/2") (Tk/month)		40		Period		37-District Towns Water Supply Project (Phase-I)	
Non-domestic lowest (Tk/month)		70		Funding agency		2011-2012	
Lowest volumetric charge (Tk/m ³)		0		Executing agency		GOB	
				Training		DPHE	
				Nos. of training		-	
				Nos. of Staff		0	
				Name of training (1)		-	
				Name of training (2)		-	
				Name of training (3)		-	
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply				Main treatment method in domestic		None, , ,	
Necessity of				As contaminated wells (Nos.)		None	
Piped water		Yes		Arsenic contaminated water supply (%)		0	
Water meter		Yes		Unhygienic drinking water (%)		0	
Reasons		For proper collection of revenue.		% of people using neighbor's well for drinking		3	
				Problems in non-piped water supply area		Not available water in dry season due to low down the water table,	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped Water Supply System			
Average household income/month (Tk)		10,000		Potential water sources		Evaluation	WQ problems
Affordability for piped water (Tk/month)		120		Shallow well		Moderate	N
Affordable price in total household income (%)		1		Deep well		None	-
				Surface water sources		None	Dirty water
				Other sources		No	-
2. Exiting Water Sources in Non-Piped Water Supply Area				Decrease of ground water level			
Source		Nos. of source	Drinking (%)	Shallow well (m/year)		0.5	
River		1	0	Deep well (m/year)		0.0	
Shallow well		32,200	100				
Deep well		0	0				
Ponds		10	0				
Other sources		0	0				

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	35
District	Bhola	Water sealed slab latrine (%)	45
Year established	1998	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	492256131	Technical staff (Nos.)	11
E-mail	borhanuddinmunicipality@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	13,110	Annual budget (Tk)	11,522,158
Nos. of households (FY2010/2011)	2,302	Revenue (Tk)	7,396,500
Literacy (%)	65	Expenditure (Tk)	7,148,000
Land area (km ²)	3	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	1	Committee formed	
Residential area pop. density (persons/ha)	101	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2009
Piped system introduced (year)	2008
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	3
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	1
PTW not in operation (Nos.)	1
Ave. depth (m)	275
Capacity at commission (m ³ /hrs)	0
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	0

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	4,000
Leakages in distribution (Nos.)	-

(3) O&M Problems

Production wells	Now production well is not working.
Pump	Pump also not working due to burning of coil.
Treatment plant	-
Pipeline	No Problem
Customer water meter	-
House connection	No Problem
O&M manuals (Nos.)	-
O&M assistance form DPHE	No
Annual leakages (Nos.)	-
Leakage detection activity	-

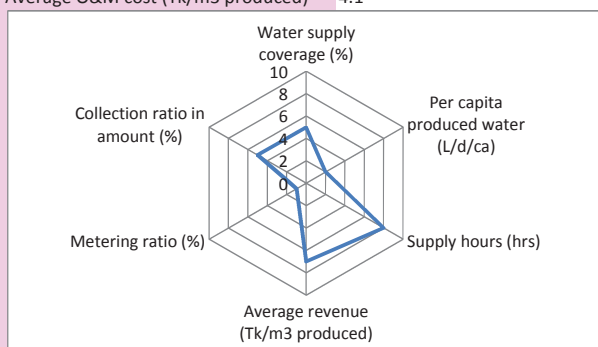
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		No water supply service	
Rehabilitation				Tariff adopted year		No water tariff	
Production tube well		Yes		Tariff setting policy		,,,,,	
Treatment plant		No		7. Water Quality Monitoring			
Distribution network		Yes		Water quality monitoring plan		-	
Expansion				Parameters checked		-	
Production tube well		Yes		Frequency of quality test		-	
Treatment plant		No		Nos. of sampling location /year		-	
Distribution network		Yes		Water quality problems		-	
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		No water supply service		Major 3 problems		(1) -	
Population served (people)		No water supply service				(2) -	
Service connections (Nos.)		0				(3) -	
Domestic		0					
Public tap/ stand pipe		0					
Public institutions		0					
Commercial & industrial		0					
Others		0					
Total		0					
Metered connections (Nos.)		-		Major 3 priority needs		(1) Increase of production capacity	
Applications outstanding (Nos.)		-				(2) Expansion and replacement of network	
New connections in 2010/2011 (Nos.)		-				(3) -	
Average waiting time (days)		-					
Water pressure at the end of network		,, ,					
Continuity of service (hrs/day)		No water supply service					
Customer with 24 hrs supply (%)		No water supply service					
Annual complaints (Nos.)		No water supply service					
Major complaints		(1) -		9. Past and On-going Projects and Training			
		(2) -		(1) Past 10 years projects			
		(3) -		Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				(2) Past 10 years projects			
				Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				On-going projects		-	
				Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				Training		-	
				Nos. of training		-	
				Nos. of Staff		-	
				Name of training (1)		-	
				Name of training (2)		-	
				Name of training (3)		-	
5. Financial Information (FY2010/11)							
Annual budget (Tk)		0					
Annual revenue (Tk)		0					
Annual expenditure (Tk)		0					
Annual O&M Costs (Tk)		0					
Annual billings (Tk)		0					
Annual collections (Tk)		0					
Water arrears (Tk)		0					
Electricity arrears (Tk)		No water supply service					
Payment methods		,					
Self-billing							
Billing frequency		0					
6. Water Tariff and Metering (See Tariff Database)							
Tariff Structure		0					
Domestic 13 mm (1/2") (Tk/month)		0					
Non-domestic lowest (Tk/month)		0					
Lowest volumetric charge (Tk/m ³)		0					
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply				Main treatment method in domestic		None, , ,	
Necessity of				As contaminated wells (Nos.)		0	
Piped water		Yes		Arsenic contaminated water supply (%)		0	
Water meter		Yes		Unhygienic drinking water (%)		30	
Reasons		To save the wastage of water, To reduce the NRW, To increase revenue income.		% of people using neighbor's well for drinking		70	
				Problems in non-piped water supply area		Polluted and Unhygienic,	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped		Water Supply System	
Average household income/month (Tk)		10,000		Potential water sources		Evaluation	
Affordability for piped water (Tk/month)		300		Shallow well		-	
Affordable price in total household income (%)		3		Deep well		High	
				Surface water sources		-	
				Other sources		No	
2. Exiting Water Sources in Non-Piped Water Supply Area				Decrease of ground water level			
Source		Nos. of source	Drinking (%)	Shallow well (m/year)		-	
River		0	0	Deep well (m/year)		0.30	
Shallow well		0	0				
Deep well		145	100				
Ponds		305	0				
Other sources		1	0				

A. Pourashava Profile

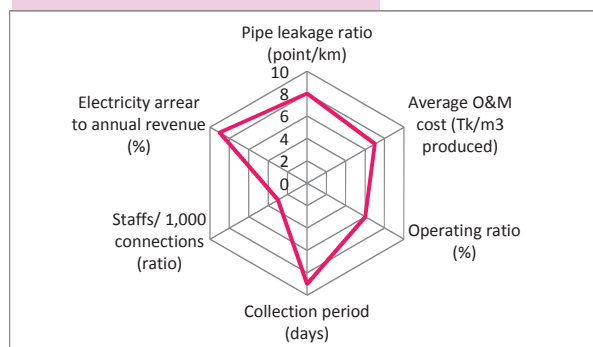
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	25
District	Brahmanbaria	Water sealed slab latrine (%)	45
Year established	1868	Water-related diseases	, , , , ,
Contact Tel/Fax	0851-58736	Technical staff (Nos.)	29
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	155,392	Annual budget (Tk)	234,424,469
Nos. of households (FY2010/2011)	18,305	Revenue (Tk)	68,309,276
Literacy (%)	39	Expenditure (Tk)	66,610,000
Land area (km ²)	18	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	270	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	85	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	21		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	25	Metering ratio (%)	0
Per capita produced water (L/d/ca)	50	Operating ratio (%)	97
Supply Hour (Hrs)	8	Collection ratio in amount (%)	76
Non-revenue water (NRW) (%)	10	Collection period (days)	277
Pipe leakage ratio (point/km)	5.7	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	4.2	Electricity arrear to annual revenue (%)	106
Average O&M cost (Tk/m ³ produced)	4.1		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1968
Piped system introduced (year)	1968
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	15
In which, staff with diploma or higher qualification (Nos.)	6

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	7
PTW not in operation (Nos.)	0
Ave. depth (m)	147
Capacity at commission (m ³ /hrs)	Do not know
Ave. current capacity per unit (m ³ /hrs)	35
Ave. production hours, Summer (hrs/day)	8
Total production, Summer (m ³ /day)	1,960
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	2
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	1,960

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	80
Distribution network (km):	28,700
Leakages in distribution (Nos.)	165

(3) O&M Problems

Production wells	- Sealed strainer pipe joint - Leakage from GI/ MS pipe
Pump	Repair/ maintenance 3 pump
Treatment plant	-
Pipeline	Leakage
Customer water meter	-
House connection	Leakage, caused by heavy loaded vehicle (road crossing by GI pipe, PVC in residential site)
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	165
Leakage detection activity	Yes

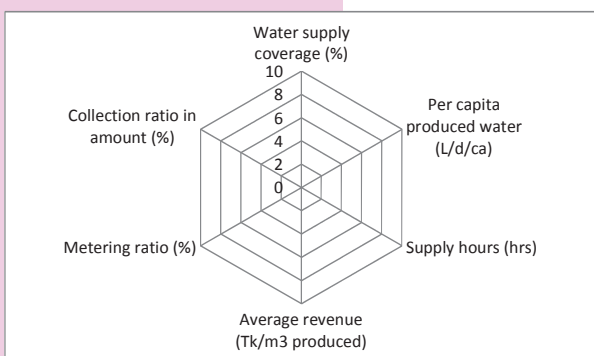
A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	15
District	Chandpur	Water sealed slab latrine (%)	25
Year established	1998	Water-related diseases	Arsenicosis, Diarrhea, , , Dysentery,
Contact Tel/Fax	842851031	Technical staff (Nos.)	4
E-mail	mayorsengarcharpourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	40,580	Annual budget (Tk)	76,119,600
Nos. of households (FY2010/2011)	6,950	Revenue (Tk)	28,965,600
Literacy (%)	65	Expenditure (Tk)	24,932,800
Land area (km ²)	29	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	13	Committee formed	
Residential area pop. density (persons/ha)	32	TLCC /Frequency of meeting	No
Electricity coverage (%)	40	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	20		

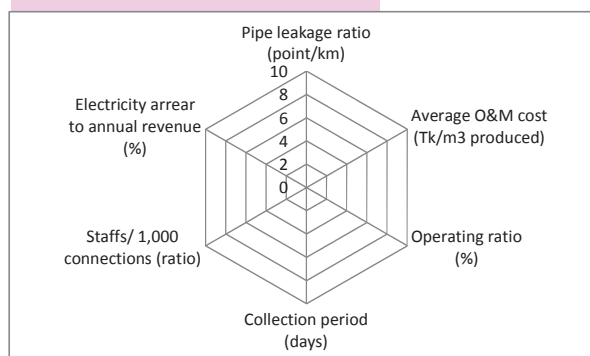
B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-
Per capita produced water (L/d/ca)	-
Supply Hour (Hrs)	No water supply service
Non-revenue water (NRW) (%)	-
Pipe leakage ratio (point/km)	-
Average revenue (Tk/m ³ produced)	-
Average O&M cost (Tk/m ³ produced)	-

Metering ratio (%)	-
Operating ratio (%)	-
Collection ratio in amount (%)	-
Collection period (days)	-
Staffs/ 1,000 connections (ratio)	-
Electricity arrear to annual revenue (%)	-



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed
Piped system introduced (year)	2009
Pourashava responsibility	, ,
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	2
Ave. depth (m)	220
Capacity at commission (m ³ /hrs)	75
Ave. current capacity per unit (m ³ /hrs)	55
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	0

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	9,350
Leakages in distribution (Nos.)	-

(3) O&M Problems

Production wells	Production yet not started
Pump	Production yet not started
Treatment plant	-
Pipeline	Production yet not started
Customer water meter	-
House connection	No connection
O&M manuals (Nos.)	-
O&M assistance form DPHE	No
Annual leakages (Nos.)	-
Leakage detection activity	-

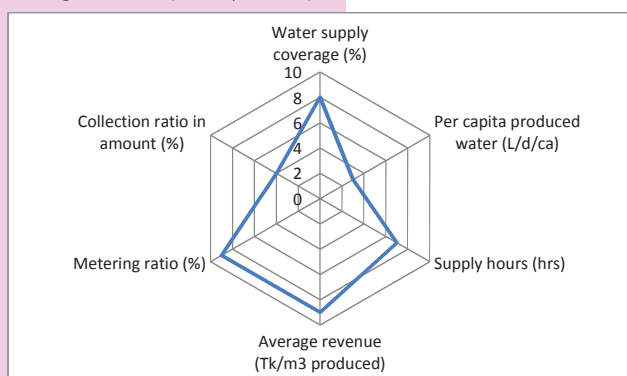
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	No	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	-
Treatment plant	Yes	Parameters checked	-
Distribution network	Yes	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) No treatment plant
Population served (people)	No water supply service		(2) No coverage
Service connections (Nos.)	0		(3) Less financial resource
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) -
Applications outstanding (Nos.)	-		(2) -
New connections in 2010/2011 (Nos.)	-		(3) -
Average waiting time (days)	-		
Water pressure at the end of network	,,, ,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1) Not yet commissioned	9. Past and On-going Projects and Training	
	(2) -	(1) Past 10 years projects	
	(3) -	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	-
		Nos. of training	-
		Nos. of Staff	-
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of		Main treatment method in domestic	, Boiling, ,
Piped water	Yes	As contaminated wells (Nos.)	Do not know
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	Reduce wastage of water, To minimize misuse of water, For accurate water volume reading.	Unhygienic drinking water (%)	2
		% of people using neighbor's well for drinking	10
		Problems in non-piped water supply area	Arsenic, Iron
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	7,000		
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	2		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	900	72	20
Deep well	50	28	10
Ponds	100	0	40
Other sources	3	0	20
		Decrease of ground water level	
		Shallow well (m/year)	-
		Deep well (m/year)	-

A. Pourashava Profile

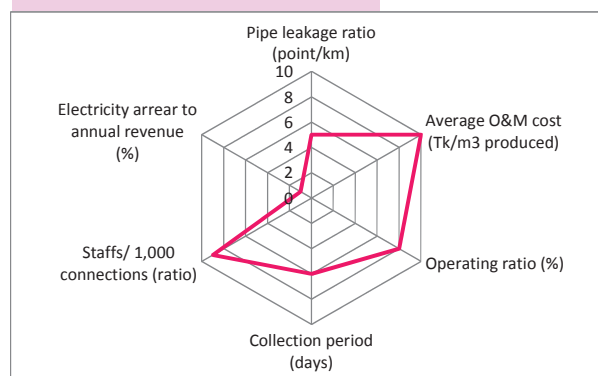
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	15
District	Noakhali	Water sealed slab latrine (%)	15
Year established	1973	Water-related diseases	, , , ,
Contact Tel/Fax	0321-56599	Technical staff (Nos.)	10
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	117,686	Annual budget (Tk)	283,503,797
Nos. of households (FY2010/2011)	11,410	Revenue (Tk)	92,118,321
Literacy (%)	55	Expenditure (Tk)	76,508,428
Land area (km ²)	21	Computerization	, Accounting, , Salary payment, , Engineering, ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	284	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	41	Metering ratio (%)	65
Per capita produced water (L/d/ca)	61	Operating ratio (%)	122
Supply Hour (Hrs)	7	Collection ratio in amount (%)	71
Non-revenue water (NRW) (%)	-	Collection period (days)	137
Pipe leakage ratio (point/km)	1.9	Staffs/ 1,000 connections (ratio)	14
Average revenue (Tk/m ³ produced)	9.8	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	12		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1995
Piped system introduced (year)	1995
Pourashava responsibility	O&M, ,
Computerization/Automation	, , Accounting, , , ,
Staff in water section (Nos.)	30
In which, staff with diploma or higher qualification (Nos.)	3

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	4
PTW not in operation (Nos.)	0
Ave. depth (m)	245
Capacity at commission (m ³ /hrs)	98
Ave. current capacity per unit (m ³ /hrs)	90
Ave. production hours, Summer (hrs/day)	9
Total production, Summer (m ³ /day)	3,042
Treatment plants (Nos.)	
AIRP	0
IRP	2
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	400
Production hours, Summer (hrs/day)	8
Total production (m ³ /day)	3,000

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	2
Surface WTP	-
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	3,000

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	400
Distribution network (km):	49,010
Leakages in distribution (Nos.)	95

(3) O&M Problems

Production wells	Decrease of production capacity
Pump	Production decreases in submersible pumps
Treatment plant	Back washing
Pipeline	Leakage
Customer water meter	No problem
House connection	Leakage
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	95
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		2,000	
Rehabilitation				Tariff adopted year		2012	
Production tube well		No		Tariff setting policy		,, , People's affordability to pay, ,	
Treatment plant		Yes					
Distribution network		Yes		7. Water Quality Monitoring			
Expansion				Water quality monitoring plan		No	
Production tube well		Yes		Parameters checked		-	
Treatment plant		Yes		Frequency of quality test		-	
Distribution network		Yes		Nos. of sampling location /year		-	
				Water quality problems		Bacteriological problem, Unclean water	
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		9		Major 3 problems		(1) Power supply not available	
Population served (people)		48,828				(2) Metering system water billing	
Service connections (Nos.)		2,193				(3) Low pressure in distribution net work	
Domestic		2,021					
Public tap/ stand pipe		41					
Public institutions		0					
Commercial & industrial		131					
Others		0					
Total		2,193					
Metered connections (Nos.)		1,419		Major 3 priority needs		(1) Increase of production capacity	
Applications outstanding (Nos.)		50				(2) Production well and pump	
New connections in 2010/2011 (Nos.)		95				(3) Y/3 (OHT [For storage and for pressure])	
Average waiting time (days)		10					
Water pressure at the end of network		, , Low,					
Continuity of service (hrs/day)		7					
Customer with 24 hrs supply (%)		0					
Annual complaints (Nos.)		500					
Major complaints		(1) No water supply available at the end pipe line					
		(2) leakage					
		(3) Less supply hrs(12hrs)					
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training			
Annual budget (Tk)		4,800,000(as per poura information)		(1) Past 10 years projects			
Annual revenue (Tk)		10,780,000		Name		-	
Annual expenditure (Tk)		10,780,000		Period		-	
Annual O&M Costs (Tk)		13,168,918		Funding agency		-	
Annual billings (Tk)		11,475,448		Executing agency		-	
Annual collections (Tk)		8,117,246		(2) Past 10 years projects		-	
Water arrears (Tk)		4,057,498		Name		-	
Electricity arrears (Tk)		0		Period		-	
Payment methods		, Bank		Funding agency		-	
Self-billing		Yes		Executing agency		-	
Billing frequency		Monthly		On-going projects		-	
6. Water Tariff and Metering (See Tariff Database)				Name		Secondary town water supply and sanitation(GOB-ADB)	
Tariff Structure		Based on pipe size		Period		2010-2011	
				Funding agency		GOB-ADB	
				Executing agency		DPHE-POURASHAVA	
Domestic 13 mm (1/2") (Tk/month)		240		Training		0	
Non-domestic lowest (Tk/month)		700		Nos. of training		3	
Lowest volumetric charge (Tk/m ³)		0		Nos. of Staff		8	
				Name of training (1)		Water billing soft ware	
				Name of training (2)		Water safety plan	
				Name of training (3)		Water meter installation	
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply				Main treatment method in domestic		, Boiling, , Filtration	
Necessity of				As contaminated wells (Nos.)		61	
Piped water		Yes		Arsenic contaminated water supply (%)		14	
Water meter		Yes		Unhygienic drinking water (%)		10	
Reasons		To save water and to reduce water		% of people using neighbor's well for drinking		30	
				Problems in non-piped water supply area		Arsenic, Iron, Chloride	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped		Water Supply System	
Average household income/month (Tk)		8,000		Potential water sources		Evaluation	WQ problems
Affordability for piped water (Tk/month)		500		Shallow well		Moderate	Arsenic, Iron, Saline
Affordable price in total household income (%)		6		Deep well		High	N
2. Exiting Water Sources in Non-Piped Water Supply Area				Surface water sources		-	-
Source		Nos. of source	Drinking (%)	Other sources		No	0
River		0	0	Decrease of ground water level			
Shallow well		442	60	Shallow well (m/year)		1.0	
Deep well		80	40	Deep well (m/year)		1.0	
Ponds		550	0				
Other sources		3	0				

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Comilla	Latrine with septic tank (%)	30
District	Comilla	Water sealed slab latrine (%)	60
Year established	1997	Water-related diseases	Arsenicosis, , , , ,
Contact Tel/Fax	802256010	Technical staff (Nos.)	5
E-mail	chandinaps@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	70,000	Annual budget (Tk)	127,867,341
Nos. of households (FY2010/2011)	7,194	Revenue (Tk)	68,255,000
Literacy (%)	65	Expenditure (Tk)	64,632,500
Land area (km ²)	14	Computerization	, , , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	9	Committee formed	
Residential area pop. density (persons/ha)	82	TLCC/Frequency of meeting	Yes, 3 months
Electricity coverage (%)	75	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2006	Chlorination points (Nos.)	
Piped system introduced (year)	2010	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	6	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	0
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	1,500
		Leakages in distribution (Nos.)	-
		(3) O&M Problems	
		Production wells	Production wells/pumps are not running due to mechanical troubles.
		Pump	Not running
		Treatment plant	
		Pipeline	Leakage
		Customer water meter	-
		House connection	-
		O&M manuals (Nos.)	1
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	-
		Leakage detection activity	-

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	3
PTW not in operation (Nos.)	3
Ave. depth (m)	0
Capacity at commission (m ³ /hrs)	0
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	1
Surface water treatment plants	0
Plants not in operation	1
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

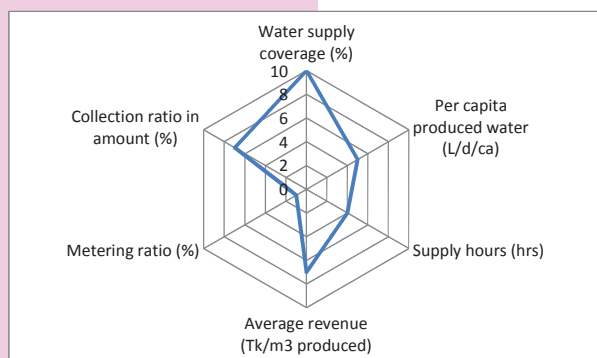
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	Yes	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	-
Treatment plant	No	Parameters checked	-
Distribution network	Yes	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) Production pump not yet running.
Population served (people)	No water supply service		(2) Less financial resources.
Service connections (Nos.)	0		(3) Insufficient technical & managerial capacity.
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) Production well and pump
Applications outstanding (Nos.)	-		(2) Increase of production capacity
New connections in 2010/2011 (Nos.)	-		(3) 24-hour supply
Average waiting time (days)	-		
Water pressure at the end of network	,,,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1) Water supply facilities is out of order.	9. Past and On-going Projects and Training	
	(2) -	(1) Past 10 years projects	
	(3) -	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	-
		Nos. of training	-
		Nos. of Staff	-
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	1,184,000		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	1,184,000		
Annual O&M Costs (Tk)	640,000		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of		As contaminated wells (Nos.)	900 (Not in piped water)
Piped water	Yes	Arsenic contaminated water supply (%)	90
Water meter	Yes	Unhygienic drinking water (%)	5
Reasons	For actual bill.	% of people using neighbor's well for drinking	50
		Problems in non-piped water supply area	Arsenic, Iron, Human waste
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	5,000	Potential water sources	<u>Evaluation</u>
Affordability for piped water (Tk/month)	200	Shallow well	None
Affordable price in total household income (%)	4	Deep well	Moderate(May)
		Surface water sources	-
		Other sources	No
		Decrease of ground water level	
		Shallow well (m/year)	0.50
		Deep well (m/year)	0.50
2. Exiting Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	1,040	99	69
Deep well	5	1	1
Ponds	30	0	30
Other sources	0	0	0

A. Pourashava Profile

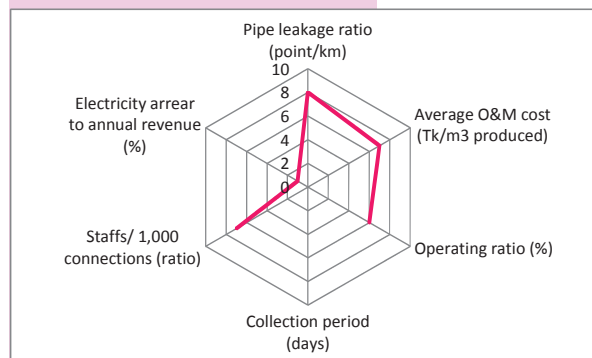
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	70
District	Chandpur	Water sealed slab latrine (%)	20
Year established	1896	Water-related diseases	, , , , ,
Contact Tel/Fax	0841-63737	Technical staff (Nos.)	26
E-mail	chandpur_pourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	163,235	Annual budget (Tk)	120,731,355
Nos. of households (FY2010/2011)	31,405	Revenue (Tk)	122,156,504
Literacy (%)	62	Expenditure (Tk)	118,074,381
Land area (km ²)	22	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	14	Committee formed	
Residential area pop. density (persons/ha)	114	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	75	Metering ratio (%)	0
Per capita produced water (L/d/ca)	92	Operating ratio (%)	97
Supply Hour (Hrs)	5	Collection ratio in amount (%)	87
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	5.4	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	4.6	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	4.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1931	Chlorination points (Nos.)	
Piped system introduced (year)	1931	PTW	-
Pourashava responsibility	O&M, ,	IRP/AIRP	-
		Surface WTP	3
Computerization/Automation	, Billing, Accounting, , , ,	Bulk flow meters (Nos.)	0
		Bulk flow meter readings (Nos.)	0
Staff in water section (Nos.)	66	Total production, Summer (m ³ /day)	11,222
In which, staff with diploma or higher qualification (Nos.)	5	(2) Distribution	
		Overhead tank	0
2. Water Supply System		Overhead tanks (Nos.)	3
Operation of water supply facilities	In operation	Total capacity (m ³)	1,128
(1) Production		Distribution network (km):	91,800
Water sources for piped system	Groundwater, River	Leakages in distribution (Nos.)	500
Production tube well		(3) O&M Problems	
PTW (Nos.)	5	Production wells	Over voltage burn motor & pump not functioning
PTW not in operation (Nos.)	0	Pump	Centrifugal pump problem
Ave. depth (m)	213	Treatment plant	Filter unit ceased
Capacity at commission (m ³ /hrs)	69	Pipeline	Damage pipeline
Ave. current capacity per unit (m ³ /hrs)	64	Customer water meter	
Ave. production hours, Summer (hrs/day)	16	House connection	Clamp connection
Total production, Summer (m ³ /day)	5,322	O&M manuals (Nos.)	0
Treatment plants (Nos.)		O&M assistance form DPHE	No
AIRP	0	Annual leakages (Nos.)	500
IRP	1	Leakage detection activity	No
Surface water treatment plants	3		
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	445		
Production hours, Summer (hrs/day)	20		
Total production (m ³ /day)	8,730		

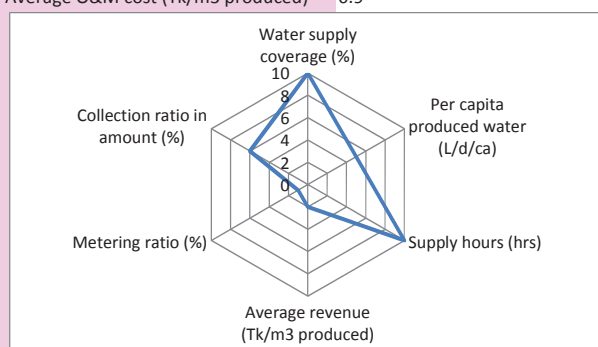
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		3,000		
Rehabilitation				Tariff adopted year		2007		
Production tube well		Yes			Tariff setting policy		.....
Treatment plant		Yes						
Distribution network		Yes	7. Water Quality Monitoring					
Expansion				Water quality monitoring plan		Yes		
Production tube well		Yes			Parameters checked		Fecal bacteria, ph., Cl, turbidity	
Treatment plant		Yes			Frequency of quality test		Irregular	
Distribution network		Yes			Nos. of sampling location /year		10	
				Water quality problems		Fecal bacteria with odor due to leakage in distribution pipe network		
4. Customer Service (Service indicators)				8. Problems and Priority Needs				
Coverage area (km ²)		18			Major 3 problems		(1) Existing pipeline network not leveled(up and down).	
Population served (people)		122,500					(2) Low coverage	
Service connections (Nos.)		6,346					(3) Low treatment technology	
Domestic		5,646						
Public tap/ stand pipe		500						
Public institutions		0						
Commercial & industrial		70						
Others		130						
Total		6,346						
Metered connections (Nos.)		0			Major 3 priority needs		(1) Increase of tariff rates to cover O&M costs	
Applications outstanding (Nos.)		0					(2) Increase of production capacity	
New connections in 2010/2011 (Nos.)		500					(3) Distribution network	
Average waiting time (days)		7						
Water pressure at the end of network		Good, , ,						
Continuity of service (hrs/day)		5						
Customer with 24 hrs supply (%)		0						
Annual complaints (Nos.)		500						
Major complaints		(1) Leakage Problem			9. Past and On-going Projects and Training			
		(2) Demanding at least 8 hours of continuous water supply			(1) Past 10 years projects			
		(3) Water with odor & waste			Name		-	
					Period		-	
					Funding agency		-	
					Executing agency		-	
					(2) Past 10 years projects		-	
					Name		-	
					Period		-	
					Funding agency		-	
					Executing agency		-	
					On-going projects		-	
					Name		-	
					Period		37 Zila Shadar Water Supply Project	
					Funding agency		2011-2012	
					Executing agency		GOB	
					Training		DPHE	
					Nos. of training		0	
					Nos. of Staff		1	
					Name of training (1)		50	
					Name of training (2)		Water Safety Plan	
					Name of training (3)		-	
							-	
5. Financial Information (FY2010/11)								
Annual budget (Tk)		20,162,800						
Annual revenue (Tk)		18,795,802						
Annual expenditure (Tk)		18,199,002						
Annual O&M Costs (Tk)		18,199,002						
Annual billings (Tk)		18,537,800						
Annual collections (Tk)		16,050,591						
Water arrears (Tk)		No data						
Electricity arrears (Tk)		0						
Payment methods		, Bank						
Self-billing		No						
Billing frequency		Monthly						
6. Water Tariff and Metering (See Tariff Database)								
Tariff Structure		Fixed amount						
Domestic 13 mm (1/2") (Tk/month)		150						
Non-domestic lowest (Tk/month)		400						
Lowest volumetric charge (Tk/m ³)		0						
D. Non-Piped Water Supply Area								
1. Necessity of Piped Water Supply				Main treatment method in domestic		, Boiling, , Filtration		
Necessity of				As contaminated wells (Nos.)		Do not know		
Piped water		Yes			Arsenic contaminated water supply (%)		5	
Water meter		Yes			Unhygienic drinking water (%)		15	
Reasons		To prevent wastage of water, To get accurate water volume.		% of people using neighbor's well for drinking		28		
				Problems in non-piped water supply area		Arsenic, Iron		
Affordability (answered by pourashava staff)		0			3. Potential Water Sources for Non-Piped		Water Supply System	
Average household income/month (Tk)		12,000			Potential water sources		Evaluation	WQ problems
Affordability for piped water (Tk/month)		250			Shallow well		Moderate	Iron, Arsenic
Affordable price in total household income (%)		2			Deep well		High	Iron
2. Exiting Water Sources in Non-Piped Water Supply Area				Surface water sources		Moderate	Turbidity	
Source		Nos. of source	Drinking (%)	Domestic (%)	Other sources		No	0
River		2	0	10	Decrease of ground water level			
Shallow well		200	80	60	Shallow well (m/year)		1.0	
Deep well		7	20	20	Deep well (m/year)		1.0	
Ponds		50	0	10				
Other sources		0	0	0				

A. Pourashava Profile

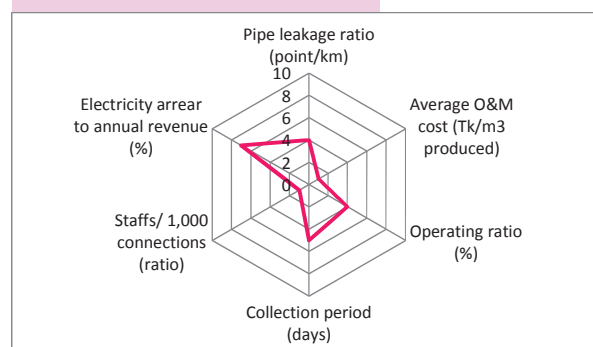
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	45
District	Chapainawabganj	Water sealed slab latrine (%)	30
Year established	1903	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0781-52225-6, Fax: 0781-52225	Technical staff (Nos.)	26
E-mail	mayor_enpouro@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	249,232	Annual budget (Tk)	230,537,700
Nos. of households (FY2010/2011)	30,967	Revenue (Tk)	84,087,700
Literacy (%)	82	Expenditure (Tk)	69,682,000
Land area (km ²)	25	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	11	Committee formed	
Residential area pop. density (persons/ha)	220	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	60	Metering ratio (%)	0
Per capita produced water (L/d/ca)	91	Operating ratio (%)	77
Supply Hour (Hrs)	14	Collection ratio in amount (%)	81
Non-revenue water (NRW) (%)	17.5	Collection period (days)	91
Pipe leakage ratio (point/km)	1.4	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	1.2	Electricity arrear to annual revenue (%)	18
Average O&M cost (Tk/m ³ produced)	0.9		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1988
Piped system introduced (year)	1984
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	34
In which, staff with diploma or higher qualification (Nos.)	5

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	14
PTW not in operation (Nos.)	0
Ave. depth (m)	36
Capacity at commission (m ³ /hrs)	114
Ave. current capacity per unit (m ³ /hrs)	70
Ave. production hours, Summer (hrs/day)	14
Total production, Summer (m ³ /day)	13,720
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	8
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	13,720

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	683
Distribution network (km):	101,000
Leakages in distribution (Nos.)	140

(3) O&M Problems

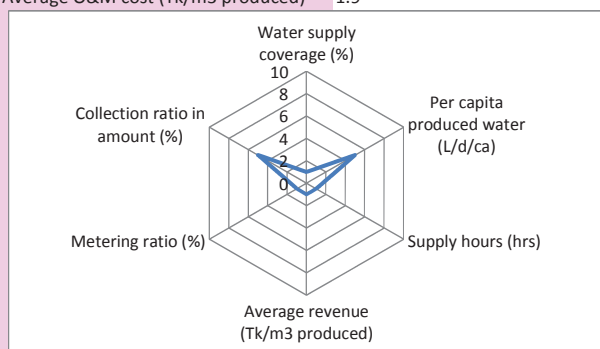
Production wells	Strainer blocked due to Iron of water
Pump	Motor bearing is frequently out of order
Treatment plant	N
Pipeline	Reduce of pipe dia due to Iron
Customer water meter	N
House connection	Leakage in fittings and joint damaged by iron.
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	140
Leakage detection activity	Yes

A. Pourashava Profile

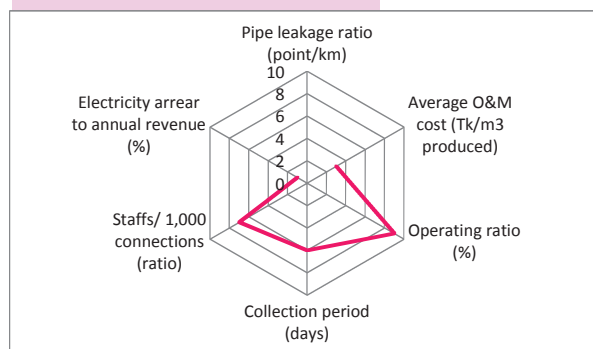
Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	20
District	Rajshahi	Water sealed slab latrine (%)	70
Year established	1998	Water-related diseases	, , , , ,
Contact Tel/Fax	0	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	44,712	Annual budget (Tk)	50,162,000
Nos. of households (FY2010/2011)	5,714	Revenue (Tk)	5,828,999
Literacy (%)	67	Expenditure (Tk)	5,467,714
Land area (km ²)	10	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	75	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	98	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	8	Metering ratio (%)	0
Per capita produced water (L/d/ca)	86	Operating ratio (%)	170
Supply Hour (Hrs)	2	Collection ratio in amount (%)	77
Non-revenue water (NRW) (%)	20	Collection period (days)	153
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	1.1	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	1.9		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2008
Piped system introduced (year)	2007
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	3
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	1
PTW not in operation (Nos.)	0
Ave. depth (m)	65
Capacity at commission (m ³ /hrs)	110
Ave. current capacity per unit (m ³ /hrs)	100
Ave. production hours, Summer (hrs/day)	3
Total production, Summer (m ³ /day)	300
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	300

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	4,250
Leakages in distribution (Nos.)	No data

(3) O&M Problems

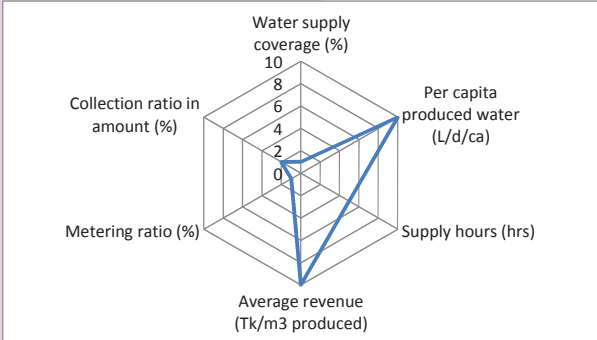
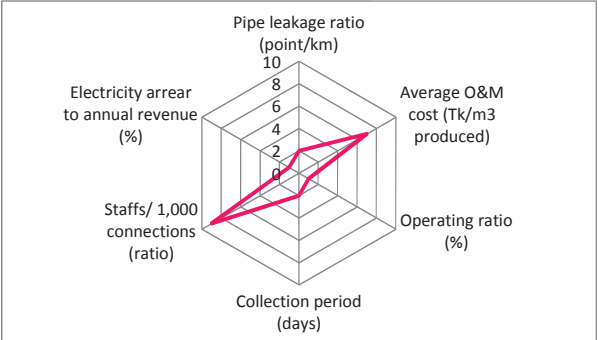
Production wells	No major problem yet
Pump	No problem yet
Treatment plant	-
Pipeline	-
Customer water meter	-
House connection	-
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	No data
Leakage detection activity	Yes

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	30
District	Bhola	Water sealed slab latrine (%)	50
Year established	1990	Water-related diseases	, , , , ,
Contact Tel/Fax	0492374114, Fax: 0492374114	Technical staff (Nos.)	19
E-mail	charfeshon.pourashava.90@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	29,530	Annual budget (Tk)	17,945,897
Nos. of households (FY2010/2011)	5,000	Revenue (Tk)	12,126,668
Literacy (%)	76	Expenditure (Tk)	10,624,588
Land area (km ²)	9	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	62	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	8	Metering ratio (%)	0
Per capita produced water (L/d/ca)	288	Operating ratio (%)	8
Supply Hour (Hrs)	6	Collection ratio in amount (%)	48
Non-revenue water (NRW) (%)	-	Collection period (days)	21
Pipe leakage ratio (point/km)	0.8	Staffs/ 1,000 connections (ratio)	14
Average revenue (Tk/m3 produced)	48.5	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m3 produced)	4		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2001
Piped system introduced (year)	1998
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	300
Capacity at commission (m ³ /hrs)	80
Ave. current capacity per unit (m ³ /hrs)	60
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	720
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	720

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	10,840
Leakages in distribution (Nos.)	9

(3) O&M Problems

Production wells	Sandy water found
Pump	Pump is found damage due to burn of coil
Treatment plant	-
Pipeline	Pipe line is being found leakage in culvert, main road and gate valve key
Customer water meter	-
House connection	Connection is loose due to weakness in fittings
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	9
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)		350
Rehabilitation		Tariff adopted year	2012	
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,	
Treatment plant	No	7. Water Quality Monitoring		
Distribution network	Yes	Water quality monitoring plan	No	
Expansion		Parameters checked	-	
Production tube well	Yes	Frequency of quality test	-	
Treatment plant	No	Nos. of sampling location /year	-	
Distribution network	Yes	Water quality problems	Bad odor Vegetation(Water algae). Few Iron found	
4. Customer Service (Service indicators)		8. Problems and Priority Needs		
Coverage area (km ²)	2	Major 3 problems	(1) Low coverage	
Population served (people)	2,500		(2) Less financial resources	
Service connections (Nos.)	486		(3) Leakage	
Domestic	360			
Public tap/ stand pipe	6			
Public institutions	0			
Commercial & industrial	120			
Others	0			
Total	486			
Metered connections (Nos.)	0			
Applications outstanding (Nos.)	0	Major 3 priority needs	(1) Y/1 (Over Head Tank [For storage and good pressure])	
New connections in 2010/2011 (Nos.)	0		(2) Expansion and replacement of network	
Average waiting time (days)	0		(3) Installation of house meters to all consumers	
Water pressure at the end of network	, , Low,			
Continuity of service (hrs/day)	6			
Customer with 24 hrs supply (%)	0			
Annual complaints (Nos.)	60			
Major complaints	(1) No 24 hrs supply	9. Past and On-going Projects and Training		
	(2) Dirty and bad odor	(1) Past 10 years projects		
	(3) Few iron found in supply water	Name	-	
		Period	-	
		Funding agency	-	
		Executing agency	-	
		(2) Past 10 years projects	-	
		Name	-	
		Period	-	
		Funding agency	-	
		Executing agency	-	
		On-going projects	-	
		Name	-	
		Period	-	
		Funding agency	-	
		Executing agency	-	
		Training	-	
		Nos. of training	1	
		Nos. of Staff	1	
		Name of training (1)	Water billing software	
		Name of training (2)	-	
		Name of training (3)	-	
5. Financial Information (FY2010/11)				
Annual budget (Tk)	16,412,000			
Annual revenue (Tk)	12,732,668			
Annual expenditure (Tk)	11,643,438			
Annual O&M Costs (Tk)	1,054,250			
Annual billings (Tk)	1,252,000			
Annual collections (Tk)	606,000			
Water arrears (Tk)	750,000			
Electricity arrears (Tk)	60,000			
Payment methods	, Bank			
Self-billing	No			
Billing frequency	Monthly			
6. Water Tariff and Metering (See Tariff Database)				
Tariff Structure	Based on pipe size			
Domestic 13 mm (1/2") (Tk/month)	150			
Non-domestic lowest (Tk/month)	250			
Lowest volumetric charge (Tk/m ³)	0			
D. Non-Piped Water Supply Area				
1. Necessity of Piped Water Supply				
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, ,	
Water meter	Yes	As contaminated wells (Nos.)	0	
Reasons	To save the wastage of water and reduce the misuse of water. To increase the revenue income.	Arsenic contaminated water supply (%)	0	
		Unhygienic drinking water (%)	85	
		% of people using neighbor's well for drinking	55	
		Problems in non-piped water supply area	Salinity of canal water, Polluted and unhygienic	
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System		
Average household income/month (Tk)	10,000	Potential water sources	Evaluation	WQ problems
Affordability for piped water (Tk/month)	250	Shallow well	-	-
Affordable price in total household income (%)	3	Deep well	Moderate	Salinity and sandy water found
2. Existing Water Sources in Non-Piped Water Supply Area		Surface water sources	-	-
Source	Nos. of source	Other sources	No	-
River	0	Decrease of ground water level		
Shallow well	0	Shallow well (m/year)	-	
Deep well	300	Deep well (m/year)	0.3	
Ponds	250			
Other sources	1			

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	5
District	Pabna	Water sealed slab latrine (%)	85
Year established	1997	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0732-456121 (in/c Fax)	Technical staff (Nos.)	2
E-mail	chatpourapab@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	24,435	Annual budget (Tk)	89,913,636
Nos. of households (FY2010/2011)	3,628	Revenue (Tk)	10,140,000
Literacy (%)	95	Expenditure (Tk)	9,619,226
Land area (km ²)	6	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	68	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	15		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	2011	PTW	-
Pourashava responsibility	, ,	IRP/AIRP	-
		Surface WTP	-
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
		Bulk flow meter readings (Nos.)	-
Staff in water section (Nos.)	0	Total production, Summer (m ³ /day)	0
In which, staff with diploma or higher qualification (Nos.)	0	(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	11,950
		Leakages in distribution (Nos.)	-
		(3) O&M Problems	
		Production wells	-
		Pump	-
		Treatment plant	-
		Pipeline	-
		Customer water meter	-
		House connection	-
		O&M manuals (Nos.)	-
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	-
		Leakage detection activity	-

2. Water Supply System

Operation of water supply facilities	Not in operation		
(1) Production			
Water sources for piped system	Groundwater,		
Production tube well			
PTW (Nos.)	3		
PTW not in operation (Nos.)	3		
Ave. depth (m)	86		
Capacity at commission (m ³ /hrs)	0		
Ave. current capacity per unit (m ³ /hrs)	0		
Ave. production hours, Summer (hrs/day)	0		
Total production, Summer (m ³ /day)	0		
Treatment plants (Nos.)			
AIRP	0		
IRP	0		
Surface water treatment plants	0		
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

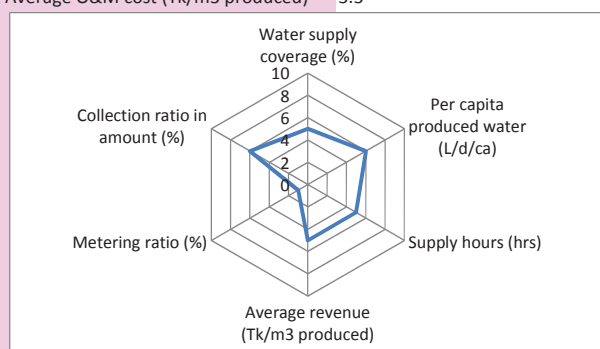
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	No	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	No	Water quality monitoring plan	-
Treatment plant	No	Parameters checked	-
Distribution network	No	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) -
Population served (people)	No water supply service		(2) -
Service connections (Nos.)	0		(3) -
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) 0
Applications outstanding (Nos.)	-		(2) 0
New connections in 2010/2011 (Nos.)	-		(3) 0
Average waiting time (days)	-		
Water pressure at the end of network	, , ,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1)	9. Past and On-going Projects and Training	
	(2)	(1) Past 10 years projects	
	(3)	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	2009-2010 to 2012-2013
		Funding agency	GOB
		Executing agency	DPHE
		Training	0
		Nos. of training	0
		Nos. of Staff	0
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of		As contaminated wells (Nos.)	No data
Piped water	Yes	Arsenic contaminated water supply (%)	0
Water meter	No	Unhygienic drinking water (%)	25
Reasons		% of people using neighbor's well for drinking	3
		Problems in non-piped water supply area	Water level of shallow tube well is declining in dry season and tube well water is contaminated by Iron.,
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	7,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	150	Shallow well	None
Affordable price in total household income (%)	2	Deep well	High
		Surface water sources	None
		Other sources	No
2. Exiting Water Sources in Non-Piped Water Supply Area		Decrease of ground water level	
Source	Nos. of source	Shallow well (m/year)	0.5
River	0	Deep well (m/year)	2.5
Shallow well	2,377		
Deep well	0		
Ponds	20		
Other sources	0		

A. Pourashava Profile

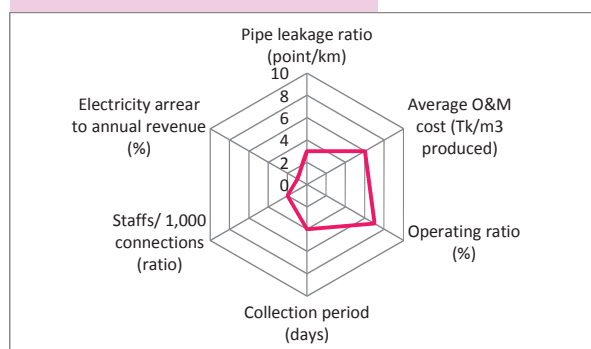
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	48
District	Chuadanga	Water sealed slab latrine (%)	36
Year established	1972	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 0761-62281, Fax : 0761-62181	Technical staff (Nos.)	10
E-mail	reajuljoarder@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	195,314	Annual budget (Tk)	63,100,000
Nos. of households (FY2010/2011)	14,636	Revenue (Tk)	39,950,248
Literacy (%)	75	Expenditure (Tk)	34,323,039
Land area (km ²)	37	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	2	Committee formed	
Residential area pop. density (persons/ha)	1,002	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	12		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	28	Metering ratio (%)	0
Per capita produced water (L/d/ca)	112	Operating ratio (%)	102
Supply Hour (Hrs)	6	Collection ratio in amount (%)	81
Non-revenue water (NRW) (%)	around 20	Collection period (days)	65
Pipe leakage ratio (point/km)	1.1	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	3.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.3		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	1991
Piped system introduced (year)	1984
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	29
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	8
PTW not in operation (Nos.)	0
Ave. depth (m)	120
Capacity at commission (m ³ /hrs)	144
Ave. current capacity per unit (m ³ /hrs)	117
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	6,155
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	3
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	6,155

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	3
Total capacity (m ³)	1,200
Distribution network (km):	62,900
Leakages in distribution (Nos.)	72

(3) O&M Problems

Production wells	i. Shaft damage. ii. Bearing, rubber bush. iii. Failed of P. motor.
Pump	i. Shaft damage. ii. Bearing, rubber bush. iii. Failed of P. motor.
Treatment plant	-
Pipeline	i. Due to bursting ii. Joint dislocation
Customer water meter	-
House connection	i. Leakage of fittings ii. Joint failure
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	72
Leakage detection activity	No

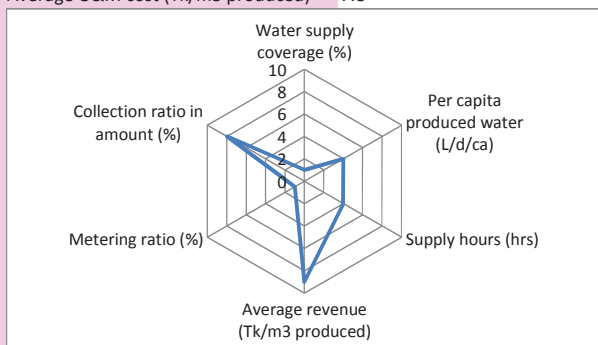
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)		700
Rehabilitation		Tariff adopted year		2010
Production tube well	Yes	Tariff setting policy		, Operation cost recovery (O&M costs), , , ,
Treatment plant	No			
Distribution network	Yes	7. Water Quality Monitoring		
Expansion		Water quality monitoring plan		No
Production tube well	Yes	Parameters checked		-
Treatment plant	Yes	Frequency of quality test		-
Distribution network	Yes	Nos. of sampling location /year		-
		Water quality problems		Iron & Arsenic were found from DPHE lab test.
4. Customer Service (Service indicators)		8. Problems and Priority Needs		
Coverage area (km ²)	14	Major 3 problems		
Population served (people)	55,000			(1) Low coverage
Service connections (Nos.)	5,040			
Domestic	4,854			(2) In sufficient technical capacity
Public tap/ stand pipe	11			
Public institutions	86			(3) Water quality problems etc.
Commercial & industrial	89			
Others	0			
Total	5,040			
Metered connections (Nos.)	0	Major 3 priority needs		
Applications outstanding (Nos.)	0			(1) Increase of production capacity
New connections in 2010/2011 (Nos.)	0			
Average waiting time (days)	0			(2) Expansion and replacement of network
Water pressure at the end of network	, Fair, ,			(3) Improvement of water quality
Continuity of service (hrs/day)	6			
Customer with 24 hrs supply (%)	0			
Annual complaints (Nos.)	450-500			
Major complaints		9. Past and On-going Projects and Training		
	(1) In sufficient supply of water	(1) Past 10 years projects		
	(2) Leakage of house connection	Name		-
	(3) Washing not properly/ not washing pipelines properly	Period		-
		Funding agency		-
		Executing agency		-
		(2) Past 10 years projects		-
		Name		-
		Period		-
		Funding agency		-
		Executing agency		-
		On-going projects		-
		Name		-
		Period		37 District Water Supply Project
		Funding agency		2010-2013
		Executing agency		GOB
		Training		DPHE
		Nos. of training		-
		Nos. of Staff		0
		Name of training (1)		-
		Name of training (2)		-
		Name of training (3)		-
5. Financial Information (FY2010/11)				
Annual budget (Tk)	9,052,000			
Annual revenue (Tk)	7,164,449			
Annual expenditure (Tk)	7,009,140			
Annual O&M Costs (Tk)	7,309,140			
Annual billings (Tk)	8,855,583			
Annual collections (Tk)	7,164,449			
Water arrears (Tk)	1,271,857			
Electricity arrears (Tk)	0			
Payment methods	, Bank			
Self-billing	No			
Billing frequency	Monthly			
6. Water Tariff and Metering (See Tariff Database)				
Tariff Structure	Based on pipe size			
Domestic 13 mm (1/2") (Tk/month)	80			
Non-domestic lowest (Tk/month)	160			
Lowest volumetric charge (Tk/m ³)	0			
D. Non-Piped Water Supply Area				
1. Necessity of Piped Water Supply				
Necessity of Piped water	Yes	Main treatment method in domestic As contaminated wells (Nos.)		
Water meter	Yes	Arsenic contaminated water supply (%)		
Reasons	To reduce waste in household and reduce non-revenue water (NRW), meter is required.	Unhygienic drinking water (%)		
		% of people using neighbor's well for drinking		
		Problems in non-piped water supply area		
		None, , ,		
		No data		
		2		
		No data		
		10		
		Arsenic, Iron in shallow wells, Fall of water table in shallow wells		
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System		
Average household income/month (Tk)	10,000	Potential water sources		Evaluation
Affordability for piped water (Tk/month)	160	Shallow well		Moderate
Affordable price in total household income (%)	2	Deep well		Arsenic, Iron, Manganese
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources		High
Source	Nos. of source	Other sources		Arsenic, Iron, Manganese
River	0			-
Shallow well	1,259			-
Deep well	50			No
Ponds	0			-
Other sources	0			-
		Decrease of ground water level		
		Shallow well (m/year)		2.0
		Deep well (m/year)		-

A. Pourashava Profile

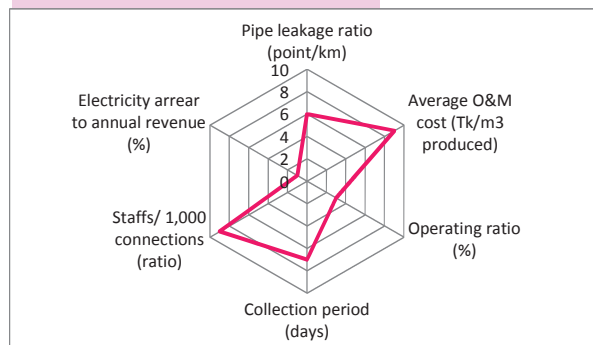
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	15
District	Cox's Bazar	Water sealed slab latrine (%)	11
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	0341-64061	Technical staff (Nos.)	12
E-mail	cox'spourashava@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	232,432	Annual budget (Tk)	644,655,231
Nos. of households (FY2010/2011)	46,487	Revenue (Tk)	111,655,231
Literacy (%)	47	Expenditure (Tk)	65,642,000
Land area (km ²)	33	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	13	Committee formed	
Residential area pop. density (persons/ha)	177	TLCC /Frequency of meeting	Yes, 3 month
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 3 month
Electricity availability (hrs)			
Summer	8		
Winter	14		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	5	Metering ratio (%)	0
Per capita produced water (L/d/ca)	74	Operating ratio (%)	70
Supply Hour (Hrs)	4.5	Collection ratio in amount (%)	93
Non-revenue water (NRW) (%)	41	Collection period (days)	161
Pipe leakage ratio (point/km)	2.4	Staffs/ 1,000 connections (ratio)	13
Average revenue (Tk/m ³ produced)	11.1	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	7.8		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1997
Piped system introduced (year)	1962
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	14
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	8
PTW not in operation (Nos.)	0
Ave. depth (m)	85
Capacity at commission (m ³ /hrs)	18
Ave. current capacity per unit (m ³ /hrs)	14
Ave. production hours, Summer (hrs/day)	8
Total production, Summer (m ³ /day)	891
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	891

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	20,000
Leakages in distribution (Nos.)	47

(3) O&M Problems

Production wells	Decrease of production capacity due to old machinery
Pump	Damaging of pump motor due to voltage fluctuation
Treatment plant	-
Pipeline	The road & highways dept. were developed the road by increasing the elevation for which lead water supply pipes are going to
Customer water meter	-
House connection	Leakage from joints due to rust
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	47
Leakage detection activity	Yes

54

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Shariatpur	Water sealed slab latrine (%)	70
Year established	1997	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	06023-56203, 01718063683	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	17,848	Annual budget (Tk)	64,275,000
Nos. of households (FY2010/2011)	2,953	Revenue (Tk)	7,225,000
Literacy (%)	80	Expenditure (Tk)	6,513,000
Land area (km ²)	7	Computerization	, Accounting, , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	2	Committee formed	
Residential area pop. density (persons/ha)	72	TLCC /Frequency of meeting	No
Electricity coverage (%)	70	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	11	Metering ratio (%)	0
Per capita produced water (L/d/ca)	133	Operating ratio (%)	0
Supply Hour (Hrs)	7	Collection ratio in amount (%)	94
Non-revenue water (NRW) (%)	-	Collection period (days)	20
Pipe leakage ratio (point/km)	8.3	Staffs/ 1,000 connections (ratio)	3
Average revenue (Tk/m ³ produced)	4.6	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	0		

Overall performance of Positive Pls

Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

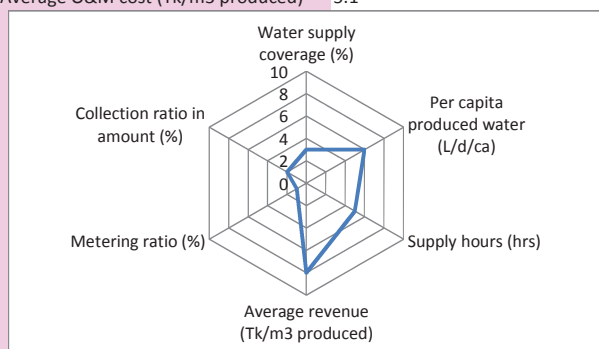
Water section established (year)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	2008	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
		Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	1
Staff in water section (Nos.)	1	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Total production, Summer (m ³ /day)	265
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	In operation	Overhead tank	0
(1) Production		Overhead tanks (Nos.)	0
Water sources for piped system	Groundwater,	Total capacity (m ³)	0
Production tube well		Distribution network (km):	6,000
PTW (Nos.)	2	Leakages in distribution (Nos.)	50
PTW not in operation (Nos.)	1	(3) O&M Problems	
Ave. depth (m)	238	Production wells	No power in one production well
Capacity at commission (m ³ /hrs)	45	Pump	No problem
Ave. current capacity per unit (m ³ /hrs)	38	Treatment plant	-
Ave. production hours, Summer (hrs/day)	7	Pipeline	Leakage
Total production, Summer (m ³ /day)	265	Customer water meter	-
Treatment plants (Nos.)		House connection	Leakage
AIRP	0	O&M manuals (Nos.)	2
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	50
Plants not in operation	0	Leakage detection activity	No
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

A. Pourashava Profile

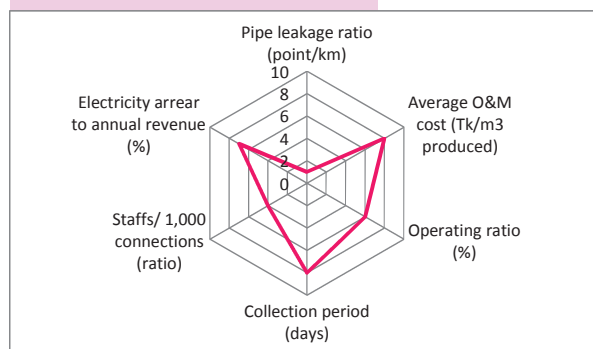
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	70
District	Dinajpur	Water sealed slab latrine (%)	15
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 05316-4297, Mob: 01740-626325	Technical staff (Nos.)	18
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	179,207	Annual budget (Tk)	395,400,000
Nos. of households (FY2010/2011)	25,450	Revenue (Tk)	368,900,000
Literacy (%)	80	Expenditure (Tk)	365,400,000
Land area (km ²)	25	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	16	Committee formed	
Residential area pop. density (persons/ha)	112	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	6		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	17	Metering ratio (%)	0
Per capita produced water (L/d/ca)	98	Operating ratio (%)	98
Supply Hour (Hrs)	6	Collection ratio in amount (%)	52
Non-revenue water (NRW) (%)	40	Collection period (days)	226
Pipe leakage ratio (point/km)	0.5	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	5.2	Electricity arrear to annual revenue (%)	29
Average O&M cost (Tk/m ³ produced)	5.1		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1968
Piped system introduced (year)	1964
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	26
In which, staff with diploma or higher qualification (Nos.)	6

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	9
PTW not in operation (Nos.)	0
Ave. depth (m)	78
Capacity at commission (m ³ /hrs)	46
Ave. current capacity per unit (m ³ /hrs)	28
Ave. production hours, Summer (hrs/day)	9
Total production, Summer (m ³ /day)	2,916
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	7
Bulk flow meter readings (Nos.)	7
Total production, Summer (m ³ /day)	2,916

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	3
Total capacity (m ³)	2,040
Distribution network (km):	85,154
Leakages in distribution (Nos.)	45

(3) O&M Problems

Production wells	Production capacity decreased.
Pump	2 nos. new pump motor burnt, NRW & SV not functioning
Treatment plant	-
Pipeline	Frequent leakage & old AC & MS pipe
Customer water meter	Jamming by dirt & water vapor on ready glass & out of order
House connection	Misuse of water
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	45
Leakage detection activity	Yes

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Comilla	Latrine with septic tank (%)	35
District	Comilla	Water sealed slab latrine (%)	50
Year established	1995	Water-related diseases	, , , , ,
Contact Tel/Fax	08023-55413	Technical staff (Nos.)	8
E-mail	hullah90@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	42,830	Annual budget (Tk)	22,673,266
Nos. of households (FY2010/2011)	5,383	Revenue (Tk)	13,589,396
Literacy (%)	57	Expenditure (Tk)	12,359,652
Land area (km ²)	11	Computerization	, , , , , Rate schedule and estimate preparation, , , Yearly logical budget preparation, ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	101	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	35	Metering ratio (%)	0
Per capita produced water (L/d/ca)	51	Operating ratio (%)	60
Supply Hour (Hrs)	4	Collection ratio in amount (%)	57
Non-revenue water (NRW) (%)	-	Collection period (days)	255
Pipe leakage ratio (point/km)	1.5	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	3.7	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	2.2		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	2008	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
		Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	3
Staff in water section (Nos.)	4	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Total production, Summer (m ³ /day)	768
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	In operation	Overhead tank	0
(1) Production		Overhead tanks (Nos.)	0
Water sources for piped system	Groundwater,	Total capacity (m ³)	0
Production tube well		Distribution network (km):	10,000
PTW (Nos.)	3	Leakages in distribution (Nos.)	15
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	102	Production wells	Less production capacity, Sound problem.
Capacity at commission (m ³ /hrs)	102	Pump	Decrease production capacity, Noisy sound.
Ave. current capacity per unit (m ³ /hrs)	95	Treatment plant	-
Ave. production hours, Summer (hrs/day)	3	Pipeline	Leakage
Total production, Summer (m ³ /day)	768	Customer water meter	-
Treatment plants (Nos.)		House connection	Leakage
AIRP	0	O&M manuals (Nos.)	4
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	15
Plants not in operation	0	Leakage detection activity	No
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		600			
Rehabilitation				Tariff adopted year		2008			
Production tube well		Yes		Tariff setting policy		,,,,,			
Treatment plant		No							
Distribution network		No		7. Water Quality Monitoring					
Expansion				Water quality monitoring plan		No			
Production tube well		Yes		Parameters checked		-			
Treatment plant		Yes		Frequency of quality test		-			
Distribution network		Yes		Nos. of sampling location /year		-			
				Water quality problems		Iron is Negligible			
4. Customer Service (Service indicators)				8. Problems and Priority Needs					
Coverage area (km ²)		5		Major 3 problems					
Population served (people)		14,990				(1) Low coverage			
Service connections (Nos.)		537				(2) Less financial resources			
Domestic		527				(3) Leakage			
Public tap/ stand pipe		0							
Public institutions		0							
Commercial & industrial		10							
Others		0							
Total		537							
Metered connections (Nos.)		0							
Applications outstanding (Nos.)		0		Major 3 priority needs					
New connections in 2010/2011 (Nos.)		0				(1) Expansion and replacement of network			
Average waiting time (days)		0				(2) Increase of production capacity			
Water pressure at the end of network		,, , Low,				(3) Production well and pump			
Continuity of service (hrs/day)		4							
Customer with 24 hrs supply (%)		0							
Annual complaints (Nos.)		8							
Major complaints		(1) Quantity of Iron in water is excess.							
		(2) To increase the supply of water.							
		(3) Low water supply at the end of the network.							
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training					
Annual budget (Tk)		620,000 (poura information)		(1) Past 10 years projects					
Annual revenue (Tk)		1,032,500		Name		-			
Annual expenditure (Tk)		620,000		Period		-			
Annual O&M Costs (Tk)		620,000		Funding agency		-			
Annual billings (Tk)		1,670,850		Executing agency		-			
Annual collections (Tk)		950,400		(2) Past 10 years projects		-			
Water arrears (Tk)		720,450		Name		-			
Electricity arrears (Tk)		0		Period		-			
Payment methods		Pourashava office,		Funding agency		-			
Self-billing		Yes		Executing agency		-			
Billing frequency		Y (5 months)		On-going projects		-			
6. Water Tariff and Metering (See Tariff Database)				Name		-			
Tariff Structure		Based on pipe size		Period		-			
				Funding agency		-			
				Executing agency		-			
				Training		-			
				Nos. of training		0			
				Nos. of Staff		0			
				Name of training (1)		-			
				Name of training (2)		-			
				Name of training (3)		-			
D. Non-Piped Water Supply Area									
1. Necessity of Piped Water Supply				Main treatment method in domestic		, Boiling, , Filtration			
Necessity of Piped water		Yes		As contaminated wells (Nos.)		Do not know			
Water meter		No		Arsenic contaminated water supply (%)		0			
Reasons		First they need functioning of water supply.		Unhygienic drinking water (%)		30			
				% of people using neighbor's well for drinking		50			
				Problems in non-piped water supply area		Arsenic, Bacteria Contamination			
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped Water Supply System					
Average household income/month (Tk)		5,000							
Affordability for piped water (Tk/month)		200							
Affordable price in total household income (%)		4							
2. Existing Water Sources in Non-Piped Water Supply Area									
Source		Nos. of source		Potential water sources		Evaluation		WQ problems	
River		1		Shallow well		Moderate		Arsenic	
Shallow well		285		Deep well		Moderate		No	
Deep well		42		Surface water sources		-		-	
Ponds		140		Other sources		No		-	
Other sources		0		Decrease of ground water level					
				Shallow well (m/year)		-			
				Deep well (m/year)		-			

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	51
District	Faridpur	Water sealed slab latrine (%)	30
Year established	1869	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0631-65300, 01911303227	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	146,921	Annual budget (Tk)	319,394,649
Nos. of households (FY2010/2011)	25,342	Revenue (Tk)	118,662,380
Literacy (%)	70	Expenditure (Tk)	88,041,380
Land area (km ²)	17	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	11	Committee formed	
Residential area pop. density (persons/ha)	132	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	0
Per capita produced water (L/d/ca)	128	Operating ratio (%)	633
Supply Hour (Hrs)	8	Collection ratio in amount (%)	55
Non-revenue water (NRW) (%)	-	Collection period (days)	2,697
Pipe leakage ratio (point/km)	9.1	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	0.7	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	4.4		

Overall performance of Positive Pls

Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Do not know
Piped system introduced (year)	1929
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	52
In which, staff with diploma or higher qualification (Nos.)	5

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	14
PTW not in operation (Nos.)	4
Ave. depth (m)	101
Capacity at commission (m ³ /hrs)	84
Ave. current capacity per unit (m ³ /hrs)	64
Ave. production hours, Summer (hrs/day)	12
Total production, Summer (m ³ /day)	7,500
Treatment plants (Nos.)	
AIRP	0
IRP	2
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	480
Production hours, Summer (hrs/day)	18
Total production (m ³ /day)	8,640

Chlorination points (Nos.)	
PTW	10
IRP/AIRP	2
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	7,500

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	1,350
Distribution network (km):	121,000
Leakages in distribution (Nos.)	1,100

(3) O&M Problems

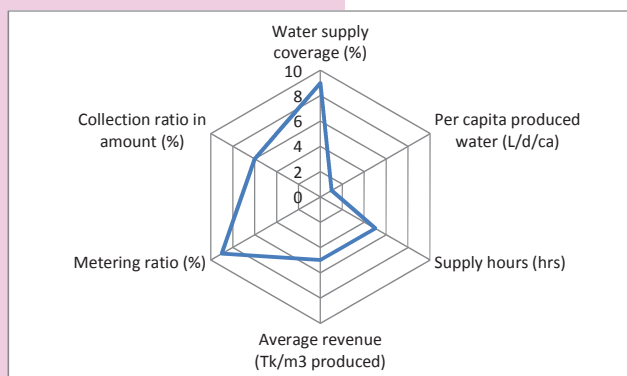
Production wells	Production capacity has been decreased.
Pump	Burning motor
Treatment plant	Production capacity is poor
Pipeline	Leakage & blocking
Customer water meter	-
House connection	Pipe block & leakage
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	1,100
Leakage detection activity	Yes

A. Pourashava Profile

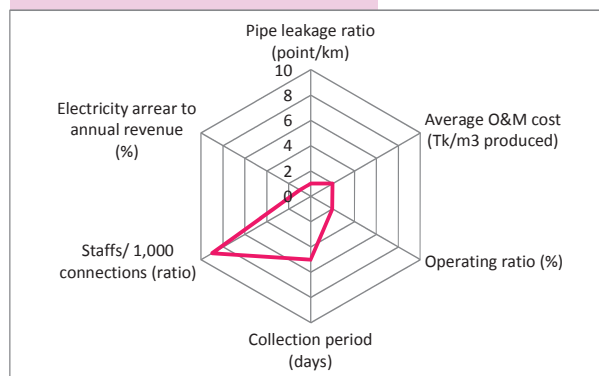
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	45
District	Feni	Water sealed slab latrine (%)	20
Year established	1985	Water-related diseases	, , , ,
Contact Tel/Fax	0331-74737	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	300,000	Annual budget (Tk)	422,621,000
Nos. of households (FY2010/2011)	15,200	Revenue (Tk)	136,690,063
Literacy (%)	80	Expenditure (Tk)	62,523,758
Land area (km ²)	27	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	367	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	12		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	50	Metering ratio (%)	47
Per capita produced water (L/d/ca)	20	Operating ratio (%)	51
Supply Hour (Hrs)	6	Collection ratio in amount (%)	78
Non-revenue water (NRW) (%)	-	Collection period (days)	90
Pipe leakage ratio (point/km)	0.1	Staffs/ 1,000 connections (ratio)	17
Average revenue (Tk/m ³ produced)	3.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	1.6		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1982
Piped system introduced (year)	1982
Pourashava responsibility	O&M, Construction of water supply facilities, Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	13
In which, staff with diploma or higher qualification (Nos.)	3

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	7
PTW not in operation (Nos.)	2
Ave. depth (m)	279
Capacity at commission (m ³ /hrs)	79
Ave. current capacity per unit (m ³ /hrs)	78
Ave. production hours, Summer (hrs/day)	7
Total production, Summer (m ³ /day)	3,000
Treatment plants (Nos.)	
AIRP	0
IRP	1
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	300
Production hours, Summer (hrs/day)	15
Total production (m ³ /day)	2,942

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	-
Bulk flow meters (Nos.)	7
Bulk flow meter readings (Nos.)	5
Total production, Summer (m ³ /day)	2,942

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	3
Total capacity (m ³)	700
Distribution network (km):	130,000
Leakages in distribution (Nos.)	12

(3) O&M Problems

Production wells	
Pump	No problem
Treatment plant	Only 1 treatment plant and low capacity (200-250m ³ /h)
Pipeline	No problem
Customer water meter	N
House connection	No problem
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	12
Leakage detection activity	No

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	60
District	Dinajpur	Water sealed slab latrine (%)	30
Year established	1983	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05327-56342		
E-mail		Technical staff (Nos.)	8
Population (FY2010/2011)	50,000	Financial statements (2010/2011)	0
Nos. of households (FY2010/2011)	7,335	Annual budget (Tk)	10,001,404
Literacy (%)	75	Revenue (Tk)	9,978,872
Land area (km ²)	14	Expenditure (Tk)	9,961,690
Residential area (km ²)	3	Computerization	, , , , Rate schedule and estimate preparation, , , ,
Residential area pop. density (persons/ha)	184		
Electricity coverage (%)	80	Committee formed	
Electricity availability (hrs)		TLCC /Frequency of meeting	No
Summer	10	WATSAN/Frequency of meeting	No
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	2009	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
		Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
		Bulk flow meter readings (Nos.)	0
Staff in water section (Nos.)	0	Total production, Summer (m ³ /day)	0
In which, staff with diploma or higher qualification (Nos.)	0		
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	6,470
		Leakages in distribution (Nos.)	-
		(3) O&M Problems	
		Production wells	-
		Pump	-
		Treatment plant	-
		Pipeline	-
		Customer water meter	-
		House connection	-
		O&M manuals (Nos.)	-
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	-
		Leakage detection activity	-

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	2
Ave. depth (m)	0
Capacity at commission (m ³ /hrs)	0
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	No	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	-
Treatment plant	No	Parameters checked	-
Distribution network	Yes	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) Water supply in Pourashava not yet functioning.
Population served (people)	No water supply service		(2) DPHE not handed over to Pourashava pipe water supply system
Service connections (Nos.)	0		(3) -
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) Y/1 Commissioning of water supply
Applications outstanding (Nos.)	-		(2) Expansion and replacement of network
New connections in 2010/2011 (Nos.)	-		(3) Increase of production capacity
Average waiting time (days)	-		
Water pressure at the end of network	,,,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1) -	9. Past and On-going Projects and Training	
	(2) -	(1) Past 10 years projects	
	(3) -	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	-
		Nos. of training	-
		Nos. of Staff	-
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of		Main treatment method in domestic	None, , ,
Piped water	Yes	As contaminated wells (Nos.)	No data
Water meter	No	Arsenic contaminated water supply (%)	No data
Reasons	-	Unhygienic drinking water (%)	No data
		% of people using neighbor's well for drinking	0
		Problems in non-piped water supply area	Water table declining in dry season., Many hand tube wells do not pump water
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000		
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	2		
2. Exiting Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,600	90	80
Deep well	0	0	0
Ponds	No data	0	10
Other sources	#VALUE!	10	10
		Decrease of ground water level	
		Shallow well (m/year)	1-2 up down
		Deep well (m/year)	1-2 up down

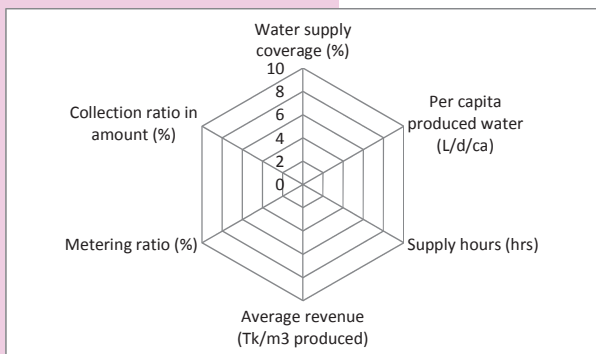
A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	15
District	Bogra	Water sealed slab latrine (%)	80
Year established	2001	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	Tel: 05025-75030		
E-mail		Technical staff (Nos.)	7
Population (FY2010/2011)	21,813	Financial statements (2010/2011)	0
Nos. of households (FY2010/2011)	3,980	Annual budget (Tk)	22,361,200
Literacy (%)	61	Revenue (Tk)	6,361,200
Land area (km ²)	11	Expenditure (Tk)	6,361,200
Residential area (km ²)	2	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area pop. density (persons/ha)	96		
Electricity coverage (%)	75	Committee formed	
Electricity availability (hrs)		TLCC /Frequency of meeting	Yes, 1 month
Summer	4	WATSAN/Frequency of meeting	No
Winter	20		

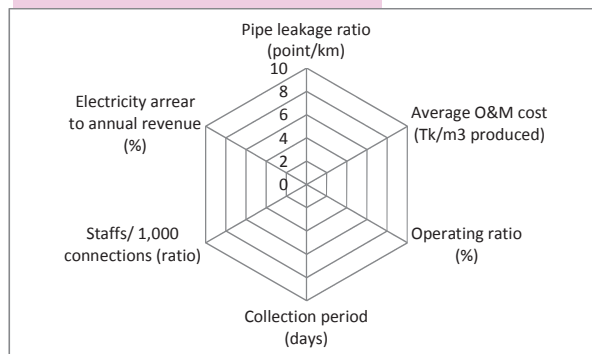
B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-
Per capita produced water (L/d/ca)	-
Supply Hour (Hrs)	No water supply service
Non-revenue water (NRW) (%)	-
Pipe leakage ratio (point/km)	-
Average revenue (Tk/m ³ produced)	-
Average O&M cost (Tk/m ³ produced)	-

Metering ratio (%)	-
Operating ratio (%)	-
Collection ratio in amount (%)	-
Collection period (days)	-
Staffs/ 1,000 connections (ratio)	-
Electricity arrear to annual revenue (%)	-



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed
Piped system introduced (year)	2008
Pourashava responsibility	, ,
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	46
Capacity at commission (m ³ /hrs)	120
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	0
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	8,440
Leakages in distribution (Nos.)	-
(3) O&M Problems	
Production wells	-
Pump	-
Treatment plant	-
Pipeline	-
Customer water meter	-
House connection	-
O&M manuals (Nos.)	-
O&M assistance form DPHE	No
Annual leakages (Nos.)	-
Leakage detection activity	-

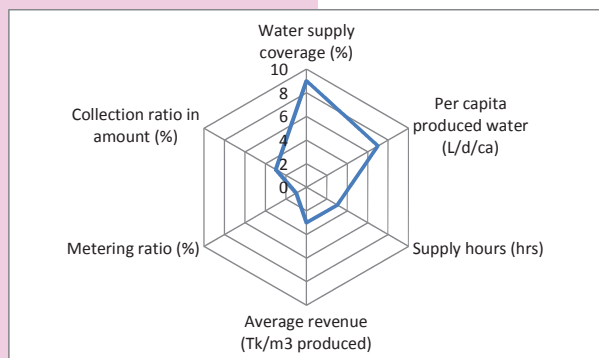
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		No water supply service	
Rehabilitation				Tariff adopted year		No water tariff	
Production tube well		No		Tariff setting policy		,,,,,	
Treatment plant		No		7. Water Quality Monitoring			
Distribution network		No		Water quality monitoring plan		No	
Expansion				Parameters checked		-	
Production tube well		No		Frequency of quality test		-	
Treatment plant		Yes		Nos. of sampling location /year		-	
Distribution network				Water quality problems		Iron quantity is too high.	
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		No water supply service		Major 3 problems		(1) Iron quantity is very high. No Treatment Plant	
Population served (people)		No water supply service				(2) Low coverage of water supply	
Service connections (Nos.)		0				(3) Not yet commissioning the water system	
Domestic		0					
Public tap/ stand pipe		0					
Public institutions		0					
Commercial & industrial		0					
Others		0					
Total		0					
Metered connections (Nos.)		-					
Applications outstanding (Nos.)		-		Major 3 priority needs		(1) Improvement of water quality	
New connections in 2010/2011 (Nos.)		-				(2) Water quality monitoring	
Average waiting time (days)		-				(3) Treatment plant	
Water pressure at the end of network		,, ,					
Continuity of service (hrs/day)		No water supply service					
Customer with 24 hrs supply (%)		No water supply service					
Annual complaints (Nos.)		No water supply service					
Major complaints		(1) -		9. Past and On-going Projects and Training			
		(2) -		(1) Past 10 years projects			
		(3) -		Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				(2) Past 10 years projects		-	
				Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				On-going projects		-	
				Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				Training		-	
				Nos. of training		-	
				Nos. of Staff		-	
				Name of training (1)		-	
				Name of training (2)		-	
				Name of training (3)		-	
5. Financial Information (FY2010/11)							
Annual budget (Tk)		0					
Annual revenue (Tk)		0					
Annual expenditure (Tk)		0					
Annual O&M Costs (Tk)		0					
Annual billings (Tk)		0					
Annual collections (Tk)		0					
Water arrears (Tk)		0					
Electricity arrears (Tk)		No water supply service					
Payment methods		,					
Self-billing							
Billing frequency		0					
6. Water Tariff and Metering (See Tariff Database)							
Tariff Structure		0					
Domestic 13 mm (1/2") (Tk/month)		0					
Non-domestic lowest (Tk/month)		0					
Lowest volumetric charge (Tk/m ³)		0					
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply							
Necessity of				Main treatment method in domestic		,, , Filtration	
Piped water		Yes		As contaminated wells (Nos.)		528	
Water meter		Yes		Arsenic contaminated water supply (%)		0 (people don't drink,butuse for washing.)	
Reasons		- To find out the total revenue of water - To reduce the waste of water - To develop the proper water billing system		Unhygienic drinking water (%)		10	
				% of people using neighbor's well for drinking		35	
				Problems in non-piped water supply area		Iron, Arsenic	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped Water Supply System			
Average household income/month (Tk)		8,000		Potential water sources		<u>Evaluation</u>	
Affordability for piped water (Tk/month)		150		Shallow well		Moderate	
Affordable price in total household income (%)		2		Deep well		-	
2. Exiting Water Sources in Non-Piped Water Supply Area				Surface water sources		None	
Source		Nos. of source		Drinking (%)		Domestic (%)	
River		0		0		0	
Shallow well		3,041		100		95	
Deep well		1		0		0	
Ponds		10		0		5	
Other sources		0		0		0	
				Decrease of ground water level			
				Shallow well (m/year)		No data	
				Deep well (m/year)		No data	

A. Pourashava Profile

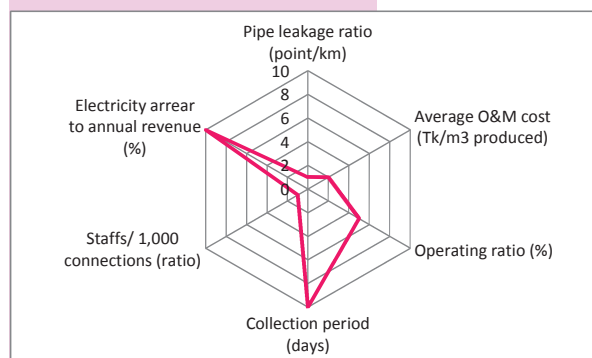
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	40
District	Gaibandha	Water sealed slab latrine (%)	35
Year established	1923	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0541-61363 Fax: 0541-61363	Technical staff (Nos.)	11
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	85,325	Annual budget (Tk)	222,281,952
Nos. of households (FY2010/2011)	10,647	Revenue (Tk)	31,658,200
Literacy (%)	69	Expenditure (Tk)	31,377,937
Land area (km ²)	11	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	147	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	82	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	14		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	45	Metering ratio (%)	0
Per capita produced water (L/d/ca)	129	Operating ratio (%)	91
Supply Hour (Hrs)	4	Collection ratio in amount (%)	62
Non-revenue water (NRW) (%)	13	Collection period (days)	1,012
Pipe leakage ratio (point/km)	0.3	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	1.7	Electricity arrear to annual revenue (%)	332
Average O&M cost (Tk/m ³ produced)	1.6		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1999
Piped system introduced (year)	1988
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	15
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	4
PTW not in operation (Nos.)	0
Ave. depth (m)	97
Capacity at commission (m ³ /hrs)	105
Ave. current capacity per unit (m ³ /hrs)	85
Ave. production hours, Summer (hrs/day)	15
Total production, Summer (m ³ /day)	4,960
Treatment plants (Nos.)	
AIRP	0
IRP	2
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	375
Production hours, Summer (hrs/day)	16
Total production (m ³ /day)	5,200

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	2
Surface WTP	-
Bulk flow meters (Nos.)	4
Bulk flow meter readings (Nos.)	4
Total production, Summer (m ³ /day)	4,960

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	900
Distribution network (km):	45,900
Leakages in distribution (Nos.)	15

(3) O&M Problems

Production wells	Production capacity decrease.
Pump	Voltage fluctuation, broken of bearing, etc.
Treatment plant	Mechanical mixing of chlorine system is not working properly. Needs replacement.
Pipeline	Not sufficient washout system
Customer water meter	
House connection	Leakage frequently
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	15
Leakage detection activity	No

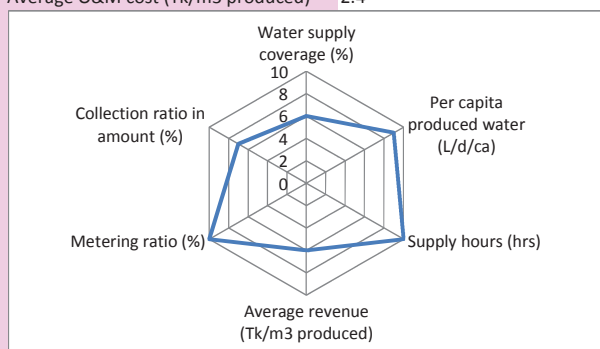
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		2,000	
Rehabilitation				Tariff adopted year		1998	
Production tube well		Yes		Tariff setting policy		, Operation cost recovery (O&M costs),	
Treatment plant		Yes				, , ,	
Distribution network		No		7. Water Quality Monitoring			
Expansion				Water quality monitoring plan		No	
Production tube well		Yes		Parameters checked		-	
Treatment plant		Yes		Frequency of quality test		-	
Distribution network		Yes		Nos. of sampling location /year		-	
				Water quality problems			
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		7		Major 3 problems			
Population served (people)		38,500				(1) Low area coverage	
Service connections (Nos.)		2,978					
Domestic		2,810				(2) Not sufficient pipe line and washout lines	
Public tap/ stand pipe		0				(3) Treatment plant maintenance	
Public institutions		21					
Commercial & industrial		147					
Others		0					
Total		2,978					
Metered connections (Nos.)		0					
Applications outstanding (Nos.)		10		Major 3 priority needs			
New connections in 2010/2011 (Nos.)		15				(1) Increase of production capacity	
Average waiting time (days)		3					
Water pressure at the end of network		, Fair, ,				(2) Treatment plant	
Continuity of service (hrs/day)		4					
Customer with 24 hrs supply (%)		0				(3) Reduction of NRW	
Annual complaints (Nos.)		32					
Major complaints		(1) Low coverage area					
		(2) Low pressure at certain areas					
		(3) Pipe lines are not washed properly					
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training			
Annual budget (Tk)		4,726,000		(1) Past 10 years projects			
Annual revenue (Tk)		3,102,492		Name		-	
Annual expenditure (Tk)		2,835,850		Period		-	
Annual O&M Costs (Tk)		2,835,850		Funding agency		-	
Annual billings (Tk)		4,971,000		Executing agency		-	
Annual collections (Tk)		3,102,192		(2) Past 10 years projects			
Water arrears (Tk)		8,600,000		Name		-	
Electricity arrears (Tk)		10,300,000		Period		-	
Payment methods		, Bank		Funding agency		-	
Self-billing		No		Executing agency		-	
Billing frequency		Monthly		On-going projects		-	
				Name		-	
				Period		2011-2012	
				Funding agency		GOB	
				Executing agency		DPHE	
				Training		0	
				Nos. of training		4	
				Nos. of Staff		15	
				Name of training (1)		Water, hygiene & sanitation	
				Name of training (2)		Water billing software	
				Name of training (3)		Double entry accounting. System	
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply				Main treatment method in domestic		None, , ,	
Necessity of				As contaminated wells (Nos.)		No data	
Piped water		Yes		Arsenic contaminated water supply (%)		No data	
Water meter		Yes		Unhygienic drinking water (%)		No data	
Reasons		- To save water and reduce waste in household. - Customers pay the bill according to water volume consumed.		% of people using neighbor's well for drinking		25	
				Problems in non-piped water supply area		Iron,	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped		Water Supply System	
Average household income/month (Tk)		7,000		Potential water sources		<u>Evaluation</u>	<u>WQ problems</u>
Affordability for piped water (Tk/month)		80		Shallow well		Moderate	Iron
Affordable price in total household income (%)		1		Deep well		High	Iron
2. Exiting Water Sources in Non-Piped Water Supply Area				Surface water sources		None	No data
Source		<u>Nos. of source</u>	<u>Drinking (%)</u>	Other sources		FALSE	0
River		1	0	Decrease of ground water level			
Shallow well		2,041	100	Shallow well (m/year)			
Deep well		0	0	Deep well (m/year)			
Ponds		No data	0				
Other sources		0	0				

A. Pourashava Profile

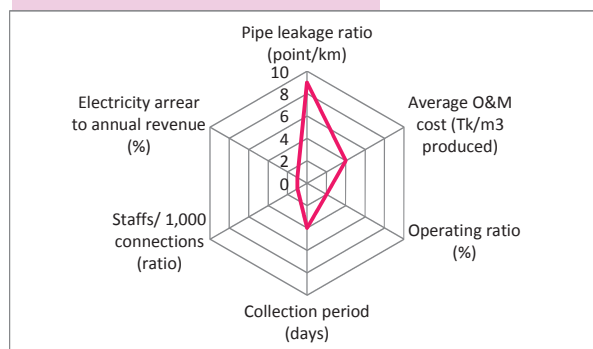
Class	B	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	40
District	Patuakhali	Water sealed slab latrine (%)	40
Year established	17 March, 1997	Water-related diseases	, , , , ,
Contact Tel/Fax	04424-56366, 04424-56288	Technical staff (Nos.)	7
E-mail	galachipapourashava@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	30,685	Annual budget (Tk)	75,977,658
Nos. of households (FY2010/2011)	4,964	Revenue (Tk)	12,595,827
Literacy (%)	65	Expenditure (Tk)	9,793,000
Land area (km ²)	3	Computerization	, , , , , , ,
Residential area (km ²)	1	Committee formed	
Residential area pop. density (persons/ha)	226	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	15		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	33	Metering ratio (%)	100
Per capita produced water (L/d/ca)	195	Operating ratio (%)	65
Supply Hour (Hrs)	24	Collection ratio in amount (%)	84
Non-revenue water (NRW) (%)	-	Collection period (days)	62
Pipe leakage ratio (point/km)	8.9	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	3.7	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	2.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

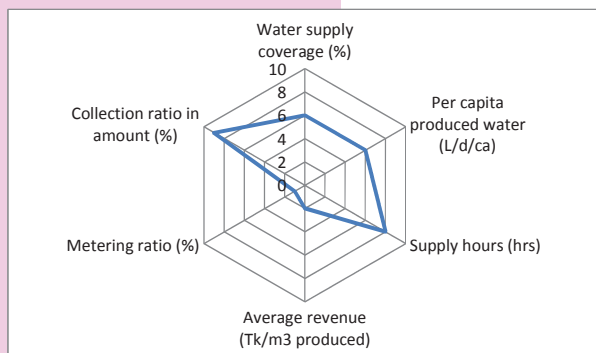
Water section established (year)	1998	Chlorination points (Nos.)	
Piped system introduced (year)	1998	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
		Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	2
Staff in water section (Nos.)	10	Bulk flow meter readings (Nos.)	2
In which, staff with diploma or higher qualification (Nos.)	1	Total production, Summer (m ³ /day)	1,950
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	In operation	Overhead tank	0
(1) Production		Overhead tanks (Nos.)	1
Water sources for piped system	Groundwater,	Total capacity (m ³)	500
Production tube well		Distribution network (km):	2,800
PTW (Nos.)	2	Leakages in distribution (Nos.)	25
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	378	Production wells	Discharge is decreasing
Capacity at commission (m ³ /hrs)	80	Pump	Pump damage due to voltage fluctuation
Ave. current capacity per unit (m ³ /hrs)	65	Treatment plant	-
Ave. production hours, Summer (hrs/day)	15	Pipeline	Leakage problem
Total production, Summer (m ³ /day)	1,950	Customer water meter	No problem
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	3
IRP	0	O&M assistance form DPHE	Yes
Surface water treatment plants	0	Annual leakages (Nos.)	25
Plants not in operation	0	Leakage detection activity	No
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

A. Pourashava Profile

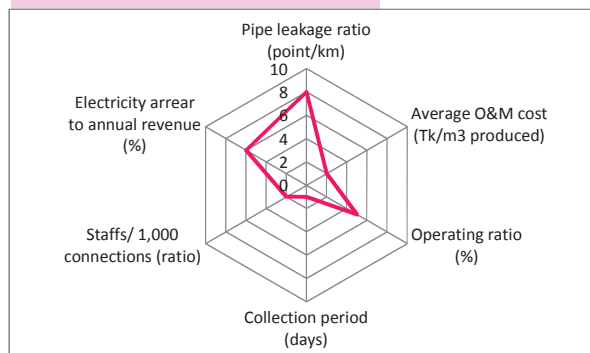
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	35
District	Gazipur	Water sealed slab latrine (%)	63
Year established	1986	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	02-9252386 ,01712089331	Technical staff (Nos.)	8
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	331,548	Annual budget (Tk)	544,040,436
Nos. of households (FY2010/2011)	14,920	Revenue (Tk)	403,378,971
Literacy (%)	100	Expenditure (Tk)	355,627,797
Land area (km ²)	49	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	17	Committee formed	
Residential area pop. density (persons/ha)	195	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	10		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	35	Metering ratio (%)	0
Per capita produced water (L/d/ca)	108	Operating ratio (%)	91
Supply Hour (Hrs)	8	Collection ratio in amount (%)	96
Non-revenue water (NRW) (%)	36.28	Collection period (days)	16
Pipe leakage ratio (point/km)	5.1	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	1.6	Electricity arrear to annual revenue (%)	14
Average O&M cost (Tk/m ³ produced)	1.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1989	Chlorination points (Nos.)	
Piped system introduced (year)	1989	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	16	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	12,574

2. Water Supply System

Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater,	Overhead tanks (Nos.)	2
Production tube well		Total capacity (m ³)	454
PTW (Nos.)	11	Distribution network (km):	29,500
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	150
Ave. depth (m)	131	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	110	Production wells	Leakage, joint , crack
Ave. current capacity per unit (m ³ /hrs)	98	Pump	Burning and damage
Ave. production hours, Summer (hrs/day)	12	Treatment plant	-
Total production, Summer (m ³ /day)	12,574	Pipeline	Old, damage and joint cracked
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	-
IRP	0	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	Yes
Plants not in operation	0	Annual leakages (Nos.)	150
Production of plant	0	Leakage detection activity	Yes
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)		1,000
Rehabilitation			Tariff adopted year		2008
Production tube well		Yes	Tariff setting policy		, Operation cost recovery (O&M costs), , People's affordability to pay, , Inflation adjustment
Treatment plant		No			
Distribution network		Yes	7. Water Quality Monitoring		
Expansion			Water quality monitoring plan		No
Production tube well		Yes	Parameters checked		-
Treatment plant		No	Frequency of quality test		-
Distribution network		Yes	Nos. of sampling location /year		-
			Water quality problems		when leakage occurs piped water get contaminated by different types of waste.
4. Customer Service (Service indicators)			8. Problems and Priority Needs		
Coverage area (km ²)		5	Major 3 problems		
Population served (people)		116,412			(1) Low coverage
Service connections (Nos.)		3,006			
Domestic		2,793			(2) Less financial resources
Public tap/ stand pipe		25			
Public institutions		100			
Commercial & industrial		88			
Others		0			
Total		3,006			(3) Water quality problems
Metered connections (Nos.)		0			
Applications outstanding (Nos.)		0	Major 3 priority needs		
New connections in 2010/2011 (Nos.)		150			(1) Installation of house meters to all consumers
Average waiting time (days)		0			
Water pressure at the end of network		, , Low,			(2) Capacity building for staff and management
Continuity of service (hrs/day)		8			
Customer with 24 hrs supply (%)		0			(3) Production well and pump
Annual complaints (Nos.)		140			
Major complaints		(1) Insufficient pressure			9. Past and On-going Projects and Training
		(2) Less water supply	(1) Past 10 years projects		
		(3) Water quality test not done	Name		-
			Period		-
			Funding agency		-
			Executing agency		-
			(2) Past 10 years projects		-
			Name		Bangladesh water supply programme
			Period		-
			Funding agency		Bangladesh water supply programme
			Executing agency		2009-2010
			On-going projects		World Bank
			Name		DPHE
			Period		-
			Funding agency		37 District town water supply project
			Executing agency		2011-2013
			Training		GOB
			Nos. of training		DPHE
			Nos. of Staff		-
			Name of training (1)		-
			Name of training (2)		-
			Name of training (3)		-
D. Non-Piped Water Supply Area					
1. Necessity of Piped Water Supply				Main treatment method in domestic	
Necessity of				As contaminated wells (Nos.)	
Piped water		Yes			, Boiling, ,
Water meter		Yes			0
Reasons		1.Reduce NRW 2.Satisfaction for customer to pay bill 3.For increase revenue collection		Arsenic contaminated water supply (%)	
				Unhygienic drinking water (%)	
				% of people using neighbor's well for drinking	
				Problems in non-piped water supply area	
				Iron,	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped	
Average household income/month (Tk)		8,000		Water Supply System	
Affordability for piped water (Tk/month)		200		Potential water sources	
Affordable price in total household income (%)		3		Evaluation	
				Shallow well	
				Deep well	
				Surface water sources	
				Other sources	
				No	
				-	
2. Exiting Water Sources in Non-Piped					
Source		Nos. of source	Drinking (%)	Domestic (%)	
River		0	0	0	Decrease of ground water level
Shallow well		5,000	100	100	Shallow well (m/year)
Deep well		0	0	0	Deep well (m/year)
Ponds		0	0	0	0.45
Other sources		0	0	0	0.45

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	25
District	Narshingdi	Water sealed slab latrine (%)	35
Year established	1998	Water-related diseases	Arsenicosis, , Typhoid, ,
Contact Tel/Fax	6254-74344	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	150,000	Annual budget (Tk)	216,964,387
Nos. of households (FY2010/2011)	9,208	Revenue (Tk)	29,285,000
Literacy (%)	82	Expenditure (Tk)	29,259,000
Land area (km ²)	27	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	185	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed
Piped system introduced (year)	2009
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	5
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	3
PTW not in operation (Nos.)	3
Ave. depth (m)	166
Capacity at commission (m ³ /hrs)	45
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	-
IRP/AIRP	-
Surface WTP	-
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	-
Total production, Summer (m ³ /day)	0
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	7,000
Leakages in distribution (Nos.)	-
(3) O&M Problems	
Production wells	-
Pump	-
Treatment plant	-
Pipeline	-
Customer water meter	-
House connection	-
O&M manuals (Nos.)	-
O&M assistance form DPHE	No
Annual leakages (Nos.)	-
Leakage detection activity	-

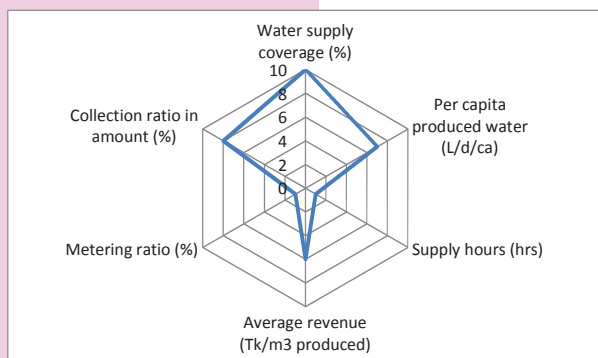
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	-	Tariff setting policy	.....
Treatment plant	-		
Distribution network	-		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	-
Treatment plant	Yes	Parameters checked	-
Distribution network	Yes	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) -
Population served (people)	No water supply service		(2) -
Service connections (Nos.)	0		(3) -
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) -
Applications outstanding (Nos.)	-		(2) -
New connections in 2010/2011 (Nos.)	-		(3) -
Average waiting time (days)	-		
Water pressure at the end of network	, , ,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1)	9. Past and On-going Projects and Training	
	(2)	(1) Past 10 years projects	
	(3)	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	0
		Nos. of training	0
		Nos. of Staff	0
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	, Boiling, , Filtration
Necessity of		As contaminated wells (Nos.)	23
Piped water	Yes	Arsenic contaminated water supply (%)	4
Water meter	Yes	Unhygienic drinking water (%)	Nil
Reasons	- To reduce the wastage.	% of people using neighbor's well for drinking	20
		Problems in non-piped water supply area	Water table declining, Arsenic
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	200	Shallow well	Moderate
Affordable price in total household income (%)	2	Deep well	High
		Surface water sources	Moderate
		Other sources	No
2. Exiting Water Sources in Non-Piped Water Supply Area		Decrease of ground water level	
Source	Nos. of source	Shallow well (m/year)	Do not know
River	1	Deep well (m/year)	Do not know
Shallow well	6,000		
Deep well	30		
Ponds	0		
Other sources	0		

A. Pourashava Profile

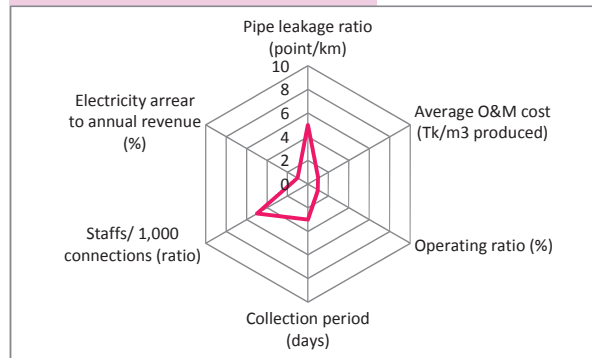
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Gopalganj	Water sealed slab latrine (%)	70
Year established	1972	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	02-6685523 ; 01711281237	Technical staff (Nos.)	15
E-mail	gopalganj.pourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	114,950	Annual budget (Tk)	193,663,718
Nos. of households (FY2010/2011)	15,501	Revenue (Tk)	41,258,000
Literacy (%)	56	Expenditure (Tk)	42,147,730
Land area (km ²)	14	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	150	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	50	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	20		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	70	Metering ratio (%)	0
Per capita produced water (L/d/ca)	144	Operating ratio (%)	10
Supply Hour (Hrs)	1	Collection ratio in amount (%)	91
Non-revenue water (NRW) (%)	18	Collection period (days)	46
Pipe leakage ratio (point/km)	2	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	3.8	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	0.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1990
Piped system introduced (year)	1990
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	40
In which, staff with diploma or higher qualification (Nos.)	4

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	, River
Production tube well	
PTW (Nos.)	0
PTW not in operation (Nos.)	0
Ave. depth (m)	0
Capacity at commission (m ³ /hrs)	0
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	1
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	580
Production hours, Summer (hrs/day)	20
Total production (m ³ /day)	11,600

Chlorination points (Nos.)	
PTW	-
IRP/AIRP	-
Surface WTP	1
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	11,600

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	3
Total capacity (m ³)	2,040
Distribution network (km):	78,000
Leakages in distribution (Nos.)	155

(3) O&M Problems

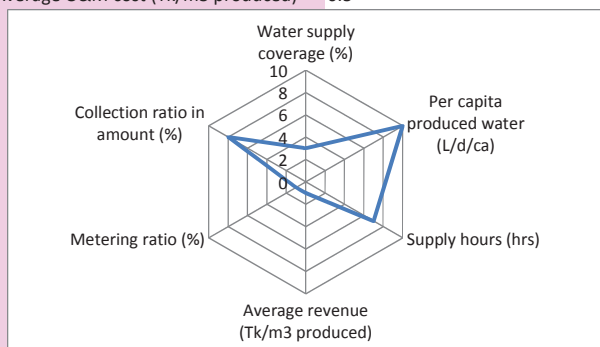
Production wells	
Pump	High lift pump is very old & its lifting capacities is very low.
Treatment plant	Back wash Submersible pump is very old. For this reason water production capacity is very low
Pipeline	At First one pipe was laid at one place. But when demand increased, 3 Or 4 pipe have to be laid at same place one above one .
Customer water meter	N
House connection	No problem
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	155
Leakage detection activity	Yes

A. Pourashava Profile

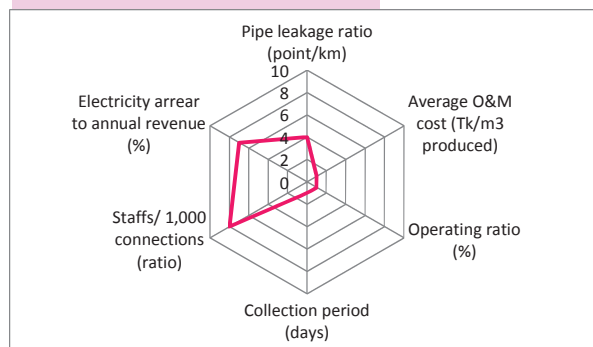
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Tangail	Water sealed slab latrine (%)	25
Year established	1974	Water-related diseases	, , , , ,
Contact Tel/Fax	01716096248	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	57,573	Annual budget (Tk)	46,438,426
Nos. of households (FY2010/2011)	11,065	Revenue (Tk)	23,519,000
Literacy (%)	75	Expenditure (Tk)	21,838,426
Land area (km ²)	23	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	10	Committee formed	
Residential area pop. density (persons/ha)	55	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	16	Metering ratio (%)	0
Per capita produced water (L/d/ca)	653	Operating ratio (%)	44
Supply Hour (Hrs)	7	Collection ratio in amount (%)	92
Non-revenue water (NRW) (%)	-	Collection period (days)	6
Pipe leakage ratio (point/km)	1.3	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m ³ produced)	1.1	Electricity arrear to annual revenue (%)	26
Average O&M cost (Tk/m ³ produced)	0.5		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2004
Piped system introduced (year)	1996
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	4
PTW not in operation (Nos.)	0
Ave. depth (m)	109
Capacity at commission (m ³ /hrs)	263
Ave. current capacity per unit (m ³ /hrs)	210
Ave. production hours, Summer (hrs/day)	7
Total production, Summer (m ³ /day)	5,880
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	5,880

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	16,352
Leakages in distribution (Nos.)	22

(3) O&M Problems

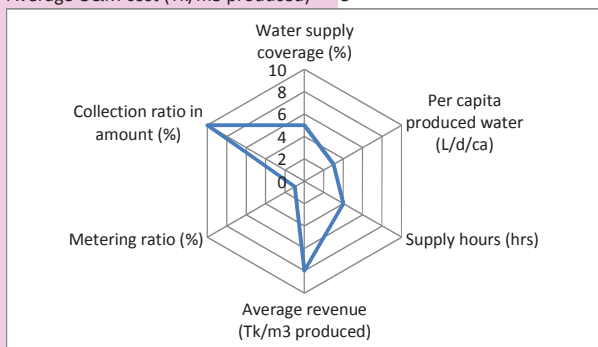
Production wells	During low voltage, motor damage.
Pump	Column pipe some time disconnect
Treatment plant	-
Pipeline	Leakage
Customer water meter	-
House connection	Water service line block
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	22
Leakage detection activity	Yes

A. Pourashava Profile

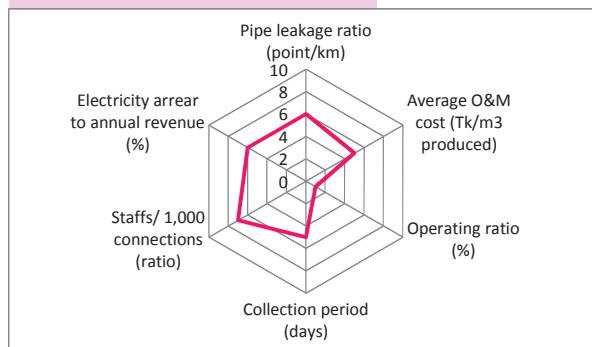
Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	43
District	Gouranadi	Water sealed slab latrine (%)	40
Year established	1996	Water-related diseases	, , , , ,
Contact Tel/Fax	04322-56265, Fax:04322-56188	Technical staff (Nos.)	13
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	50,023	Annual budget (Tk)	149,266,284
Nos. of households (FY2010/2011)	8,135	Revenue (Tk)	25,194,316
Literacy (%)	66	Expenditure (Tk)	24,932,741
Land area (km ²)	17	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	11	Committee formed	
Residential area pop. density (persons/ha)	46	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	30	Metering ratio (%)	0
Per capita produced water (L/d/ca)	62	Operating ratio (%)	42
Supply Hour (Hrs)	5	Collection ratio in amount (%)	121
Non-revenue water (NRW) (%)	-	Collection period (days)	99
Pipe leakage ratio (point/km)	2.3	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	7.1	Electricity arrear to annual revenue (%)	17
Average O&M cost (Tk/m ³ produced)	3		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2005
Piped system introduced (year)	1985
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	12
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	4
PTW not in operation (Nos.)	1
Ave. depth (m)	270
Capacity at commission (m ³ /hrs)	63
Ave. current capacity per unit (m ³ /hrs)	51
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	924
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	924

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	22,000
Leakages in distribution (Nos.)	50

(3) O&M Problems

Production wells	Decrease of production capacity.
Pump	Burning of pump due to voltage ups and down.
Treatment plant	-
Pipeline	Wastage of water due to leakage.
Customer water meter	-
House connection	Leakage and clogging.
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	50
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		900	
Rehabilitation				Tariff adopted year		2010	
Production tube well		Yes		Tariff setting policy		, Operation cost recovery (O&M costs), , People's affordability to pay, ,	
Treatment plant		No					
Distribution network		Yes		7. Water Quality Monitoring			
Expansion				Water quality monitoring plan		Yes	
Production tube well		Yes		Parameters checked		Temp, As, Fe, Bacteria	
Treatment plant		No		Frequency of quality test		6 months	
Distribution network		Yes		Nos. of sampling location /year		3	
				Water quality problems		-	
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		5		Major 3 problems		(1) No water meter	
Population served (people)		15,000				(2) No overhead tank	
Service connections (Nos.)		1,201				(3) Shortage of production well and pipeline network	
Domestic		1,092					
Public tap/ stand pipe		15					
Public institutions		0					
Commercial & industrial		94					
Others		0					
Total		1,201					
Metered connections (Nos.)		0		Major 3 priority needs		(1) 24-hour supply	
Applications outstanding (Nos.)		0				(2) Increase of production capacity	
New connections in 2010/2011 (Nos.)		0				(3) -	
Average waiting time (days)		0					
Water pressure at the end of network		, , Low,					
Continuity of service (hrs/day)		5					
Customer with 24 hrs supply (%)		0					
Annual complaints (Nos.)		60					
Major complaints		(1) Low pressure end of the pipe network.					
		(2) No 24 hours continuous supply.					
		(3) No overhead tank for storage water.					
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training			
Annual budget (Tk)		2,486,294		(1) Past 10 years projects			
Annual revenue (Tk)		2,400,000		Name		-	
Annual expenditure (Tk)		2,437,000		Period		-	
Annual O&M Costs (Tk)		1,000,000		Funding agency		-	
Annual billings (Tk)		2,016,200		Executing agency		-	
Annual collections (Tk)		2,440,519		(2) Past 10 years projects		-	
Water arrears (Tk)		650,000		Name		-	
Electricity arrears (Tk)		411,320		Period		-	
Payment methods		Pourashava office, Bank		Funding agency		-	
Self-billing		No		Executing agency		-	
Billing frequency		Monthly		On-going projects		-	
6. Water Tariff and Metering (See Tariff Database)				Name		-	
Tariff Structure		Fixed amount		Period		-	
				Funding agency		-	
				Executing agency		-	
				On-going projects		-	
				Name		-	
				Period		-	
				Funding agency		-	
				Executing agency		-	
				Training		-	
				Nos. of training		1	
				Nos. of Staff		1	
				Name of training (1)		Water billing software	
				Name of training (2)		-	
				Name of training (3)		-	
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply				Main treatment method in domestic			
Necessity of				As contaminated wells (Nos.)		, Boiling, , Filtration	
Piped water		Yes		Arsenic contaminated water supply (%)		0	
Water meter		Yes		Unhygienic drinking water (%)		0	
Reasons		To save water and reduce waste in household.		% of people using neighbor's well for drinking		5	
				Problems in non-piped water supply area		40	
						Contamination of human waste, Turbidity of water	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped Water Supply System			
Average household income/month (Tk)		8,000		Potential water sources		Evaluation	WQ problems
Affordability for piped water (Tk/month)		350		Shallow well		Moderate	Saline, Hardness
Affordable price in total household income (%)		4		Deep well		Moderate	Saline, Fe
2. Exiting Water Sources in Non-Piped Water Supply Area				Surface water sources		Moderate	Pollution of human waste.
Source		Nos. of source	Drinking (%)	Other sources		No	-
River		1	0	Decrease of ground water level			
Shallow well		200	25	Shallow well (m/year)		1.0	
Deep well		300	75	Deep well (m/year)		0.5	
Ponds		100	0				
Other sources		0	0				

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	27
District	Mymensingh	Water sealed slab latrine (%)	50
Year established	1927	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	0902456010	Technical staff (Nos.)	6
E-mail	gouripurmunicipality@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	65,000	Annual budget (Tk)	65,449,837
Nos. of households (FY2010/2011)	5,000	Revenue (Tk)	37,442,992
Literacy (%)	80	Expenditure (Tk)	35,370,000
Land area (km ²)	8	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	185	TLCC /Frequency of meeting	Yes, No meeting held yet
Electricity coverage (%)	60	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	21		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	1996	PTW	-
Pourashava responsibility	, ,	IRP/AIRP	-
		Surface WTP	-
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
		Bulk flow meter readings (Nos.)	-
Staff in water section (Nos.)	2	Total production, Summer (m ³ /day)	0
In which, staff with diploma or higher qualification (Nos.)	0	(2) Distribution	
2. Water Supply System		Overhead tank	0
Operation of water supply facilities	Not in operation	Overhead tanks (Nos.)	0
(1) Production		Total capacity (m ³)	0
Water sources for piped system	Groundwater,	Distribution network (km):	8,000
Production tube well		Leakages in distribution (Nos.)	-
PTW (Nos.)	2	(3) O&M Problems	
PTW not in operation (Nos.)	2	Production wells	-
Ave. depth (m)	0	Pump	-
Capacity at commission (m ³ /hrs)	0	Treatment plant	-
Ave. current capacity per unit (m ³ /hrs)	0	Pipeline	-
Ave. production hours, Summer (hrs/day)	0	Customer water meter	-
Total production, Summer (m ³ /day)	0	House connection	-
Treatment plants (Nos.)		O&M manuals (Nos.)	-
AIRP	0	O&M assistance form DPHE	No
IRP	0	Annual leakages (Nos.)	-
Surface water treatment plants	0	Leakage detection activity	-
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	-	Tariff setting policy	.....
Treatment plant	-		
Distribution network	-		
Expansion		7. Water Quality Monitoring	
Production tube well	No	Water quality monitoring plan	-
Treatment plant	No	Parameters checked	-
Distribution network	No	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) -
Population served (people)	No water supply service		(2) -
Service connections (Nos.)	0		(3) -
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) -
Applications outstanding (Nos.)	-		(2) -
New connections in 2010/2011 (Nos.)	-		(3) -
Average waiting time (days)	-		
Water pressure at the end of network	,,,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1)	9. Past and On-going Projects and Training	
	(2)	(1) Past 10 years projects	
	(3)	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	0
		Nos. of training	1
		Nos. of Staff	10
		Name of training (1)	Billing Software
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of		As contaminated wells (Nos.)	0
Piped water	Yes	Arsenic contaminated water supply (%)	0
Water meter	Yes	Unhygienic drinking water (%)	0
Reasons	To collect the actual bill	% of people using neighbor's well for drinking	5
		Problems in non-piped water supply area	No problem, No problem
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	100	Shallow well	High
Affordable price in total household income (%)	1	Deep well	High
		Surface water sources	-
		Other sources	No
2. Existing Water Sources in Non-Piped Water Supply Area		Decrease of ground water level	
Source	Nos. of source	Shallow well (m/year)	
River	0	Deep well (m/year)	
Shallow well	5,000		
Deep well	0		
Ponds	30		
Other sources	0		

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	#REF!
District	Natore	Water sealed slab latrine (%)	#REF!
Year established	1991	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 07724-74031	Technical staff (Nos.)	#REF!
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	32,598	Annual budget (Tk)	#REF!
Nos. of households (FY2010/2011)	4,660	Revenue (Tk)	#REF!
Literacy (%)	71	Expenditure (Tk)	16,208,162
Land area (km ²)	11	Computerization	Holding tax management, , Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	51	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	0
Per capita produced water (L/d/ca)	37	Operating ratio (%)	255
Supply Hour (Hrs)	4	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	10	Collection period (days)	396
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m3 produced)	2.3	Electricity arrear to annual revenue (%)	167
Average O&M cost (Tk/m3 produced)	5.8		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2007	Chlorination points (Nos.)	
Piped system introduced (year)	2006	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	None, , , Asset management, , ,	Surface WTP	0
Staff in water section (Nos.)	8	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	480
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	14,000
		Leakages in distribution (Nos.)	No data
		(3) O&M Problems	
		Production wells	Wells production capacity substantially decreased.
		Pump	N
		Treatment plant	N
		Pipeline	N
		Customer water meter	N
		House connection	N
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	No data
		Leakage detection activity	No

2. Water Supply System

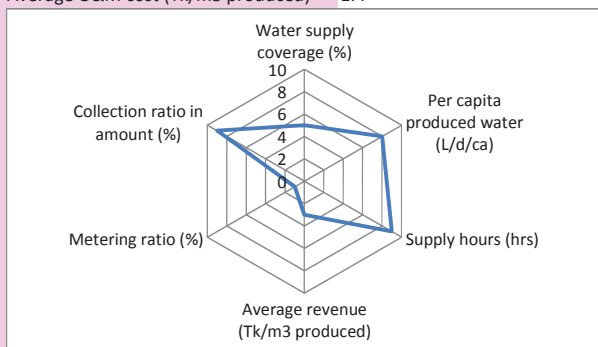
Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	4
PTW not in operation (Nos.)	2
Ave. depth (m)	48
Capacity at commission (m ³ /hrs)	68
Ave. current capacity per unit (m ³ /hrs)	60
Ave. production hours, Summer (hrs/day)	4
Total production, Summer (m ³ /day)	480
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

A. Pourashava Profile

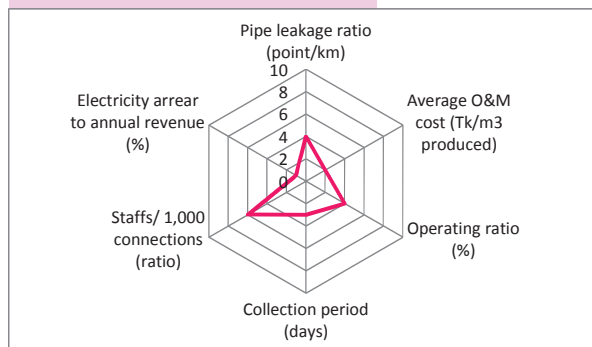
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20
District	Chandpur	Water sealed slab latrine (%)	40
Year established	1985	Water-related diseases	#REF!
Contact Tel/Fax	08424-75360	Technical staff (Nos.)	7
E-mail	hajigonjpourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	101,570	Annual budget (Tk)	58,103,000
Nos. of households (FY2010/2011)	12,252	Revenue (Tk)	36,107,381
Literacy (%)	70	Expenditure (Tk)	27,379,696
Land area (km ²)	18	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, , Procurement,
Residential area (km ²)	9	Committee formed	
Residential area pop. density (persons/ha)	110	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	15		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	27	Metering ratio (%)	0
Per capita produced water (L/d/ca)	162	Operating ratio (%)	80
Supply Hour (Hrs)	10	Collection ratio in amount (%)	98
Non-revenue water (NRW) (%)	22.94	Collection period (days)	45
Pipe leakage ratio (point/km)	1.6	Staffs/ 1,000 connections (ratio)	9
Average revenue (Tk/m ³ produced)	1.8	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	1.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	1998	Chlorination points (Nos.)	
Piped system introduced (year)	1998	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	0
Staff in water section (Nos.)	9	Bulk flow meters (Nos.)	2
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	2
		Total production, Summer (m ³ /day)	4,365

2. Water Supply System

Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater,	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	6	Distribution network (km):	30,620
PTW not in operation (Nos.)	1	Leakages in distribution (Nos.)	48
Ave. depth (m)	175	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	69	Production wells	No problem
Ave. current capacity per unit (m ³ /hrs)	62	Pump	Break down of shaft & pump
Ave. production hours, Summer (hrs/day)	14	Treatment plant	-
Total production, Summer (m ³ /day)	4,365	Pipeline	Leakage & iron blocking
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage & iron blocking
IRP	0	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	48
Production of plant	0	Leakage detection activity	No
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

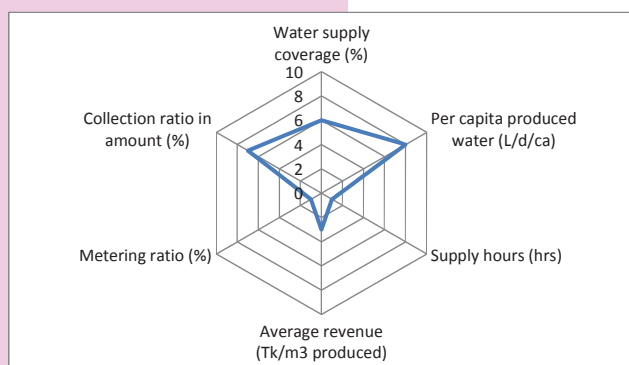
88

A. Pourashava Profile

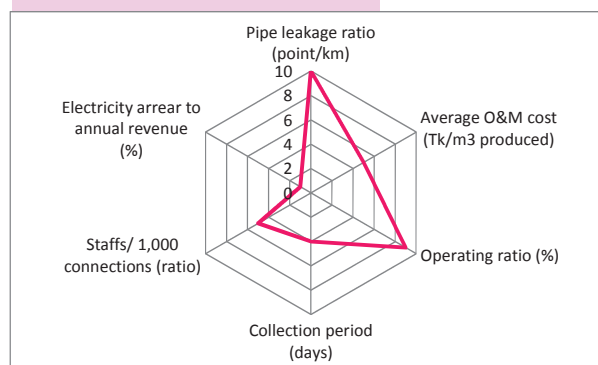
Class	A	Sanitation coverage	
Division	Syhet	Latrine with septic tank (%)	43
District	Hobiganj	Water sealed slab latrine (%)	20
Year established	1981	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	01831-52315, 08315-62223	Technical staff (Nos.)	5
E-mail	javed.iqbql@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	95,000	Annual budget (Tk)	285,791,412
Nos. of households (FY2010/2011)	7,877	Revenue (Tk)	108,135,750
Literacy (%)	66	Expenditure (Tk)	104,839,457
Land area (km ²)	9	Computerization	Holding tax management, Accounting, , , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	7	Committee formed	
Residential area pop. density (persons/ha)	140	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	35	Metering ratio (%)	0
Per capita produced water (L/d/ca)	147	Operating ratio (%)	141
Supply Hour (Hrs)	2	Collection ratio in amount (%)	83
Non-revenue water (NRW) (%)	-	Collection period (days)	75
Pipe leakage ratio (point/km)	19	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	1.9	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	2.7		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1992	Chlorination points (Nos.)	
Piped system introduced (year)	1968	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	0
Computerization/Automation	, Billing, , , Treatment,	Surface WTP	-
Staff in water section (Nos.)	12	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	4,900
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	In operation	Overhead tank	0
(1) Production		Overhead tanks (Nos.)	1
Water sources for piped system	Groundwater,	Total capacity (m ³)	568
Production tube well		Distribution network (km):	5,275
PTW (Nos.)	6	Leakages in distribution (Nos.)	100
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	141	Production wells	Water level decline in summer & winter. Tube well water discharge contains sand so water supply is less.
Capacity at commission (m ³ /hrs)	64	Pump	All pumps are submersible, if any pump is in repair that pump is stop for two to seven days, because there is no standby pump.
Ave. current capacity per unit (m ³ /hrs)	39	Treatment plant	Mechanical & electrical functions of the treatment plant is inoperable.
Ave. production hours, Summer (hrs/day)	21	Pipeline	Leakage problem. Unauthorized motor connection in the pipe water networks.
Total production, Summer (m ³ /day)	4,900	Customer water meter	
Treatment plants (Nos.)		House connection	Leakage problem.
AIRP	0	O&M manuals (Nos.)	0
IRP	2	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	100
Plants not in operation	0	Leakage detection activity	Yes
Production of plant	0		
Total capacity (m ³ /hrs)	424		
Production hours, Summer (hrs/day)	21		
Total production (m ³ /day)	8,888		

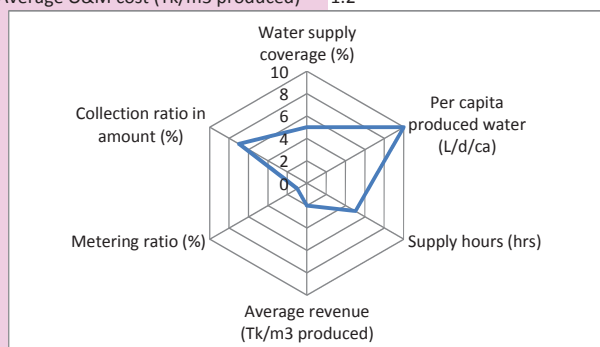
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		2,500	
Rehabilitation				Tariff adopted year		2011	
Production tube well		Yes		Tariff setting policy		, Operation cost recovery (O&M costs), , , ,	
Treatment plant		Yes					
Distribution network		Yes		7. Water Quality Monitoring			
Expansion				Water quality monitoring plan		No	
Production tube well		Yes		Parameters checked		-	
Treatment plant		Yes		Frequency of quality test		-	
Distribution network		Yes		Nos. of sampling location /year		-	
				Water quality problems		Due to leakage problem supplied water is unhygienic	
4. Customer Service (Service indicators)				8. Problems and Priority Needs			
Coverage area (km ²)		5		Major 3 problems		(1) Low coverage	
Population served (people)		33,250				(2) Less financial resources	
Service connections (Nos.)		1,520				(3) Insufficient technical and managerial capacity	
Domestic		1,488					
Public tap/ stand pipe		8					
Public institutions		8					
Commercial & industrial		16					
Others		0					
Total		1,520					
Metered connections (Nos.)		0		Major 3 priority needs		(1) Increase of production capacity	
Applications outstanding (Nos.)		50				(2) Distribution network	
New connections in 2010/2011 (Nos.)		100				(3) Production well and pump	
Average waiting time (days)		7					
Water pressure at the end of network		, , , Low,					
Continuity of service (hrs/day)		2					
Customer with 24 hrs supply (%)		0					
Annual complaints (Nos.)		100					
Major complaints		(1) Volume of water is not sufficient					
		(2) Leakage problem					
		(3) little trace of iron in supplied water					
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training			
Annual budget (Tk)		0		(1) Past 10 years projects			
Annual revenue (Tk)		3,357,819		Name		-	
Annual expenditure (Tk)		4,748,413		Period		-	
Annual O&M Costs (Tk)		4,748,414		Funding agency		-	
Annual billings (Tk)		4,046,974		Executing agency		-	
Annual collections (Tk)		3,357,809		(2) Past 10 years projects			
Water arrears (Tk)		689,165		Name		-	
Electricity arrears (Tk)		0		Period		-	
Payment methods		, Bank		Funding agency		-	
Self-billing		No		Executing agency		-	
Billing frequency		Monthly		On-going projects		-	
6. Water Tariff and Metering (See Tariff Database)				Name		-	
Tariff Structure		Based on pipe size		Period		-	
				Funding agency		-	
				Executing agency		-	
Domestic 13 mm (1/2") (Tk/month)		175		Training		0	
Non-domestic lowest (Tk/month)		350		Nos. of training		0	
Lowest volumetric charge (Tk/m ³)		0		Nos. of Staff		0	
				Name of training (1)		-	
				Name of training (2)		-	
				Name of training (3)		-	
D. Non-Piped Water Supply Area							
1. Necessity of Piped Water Supply				Main treatment method in domestic		, Boiling, , Filtration	
Necessity of				As contaminated wells (Nos.)		0	
Piped water		Yes		Arsenic contaminated water supply (%)		0	
Water meter		Yes		Unhygienic drinking water (%)		0	
Reasons		To reduce water wastage & pourashava will be able to collect exact water bills & their the economic benefit also be gained . So consumers also be happy as they will get potable water for their safe health & safety.		% of people using neighbor's well for drinking		10	
				Problems in non-piped water supply area		In winter & summer water level decline, PTW water production is less.,	
Affordability (answered by pourashava staff)		0		3. Potential Water Sources for Non-Piped		Water Supply System	
Average household income/month (Tk)		25,000		Potential water sources		Evaluation	
Affordability for piped water (Tk/month)		250		Shallow well		Moderate	
Affordable price in total household income (%)		1		Deep well		Moderate	
				Surface water sources		Moderate	
				Other sources		No	
2. Exiting Water Sources in Non-Piped Water Supply Area							
Source		Nos. of source		Drinking (%)		Domestic (%)	
River		1		0		20	
Shallow well		1,000		70		50	
Deep well		50		30		30	
Ponds		16		0		0	
Other sources		0		0		0	
				Decrease of ground water level			
				Shallow well (m/year)		0.5	
				Deep well (m/year)		0.3	

A. Pourashava Profile

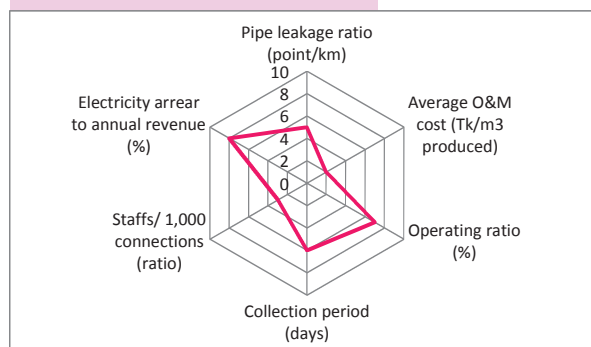
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	60
District	Pabna	Water sealed slab latrine (%)	20
Year established	1974	Water-related diseases	, , , , , Jaundice
Contact Tel/Fax	Tel: 07326-63476, Fax: 07326-63510	Technical staff (Nos.)	21
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	105,762	Annual budget (Tk)	172,718,749
Nos. of households (FY2010/2011)	12,500	Revenue (Tk)	29,816,490
Literacy (%)	87	Expenditure (Tk)	31,247,121
Land area (km ²)	31	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	19	Committee formed	
Residential area pop. density (persons/ha)	57	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	97	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	12		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	25	Metering ratio (%)	0
Per capita produced water (L/d/ca)	254	Operating ratio (%)	106
Supply Hour (Hrs)	6	Collection ratio in amount (%)	83
Non-revenue water (NRW) (%)	-	Collection period (days)	125
Pipe leakage ratio (point/km)	1.8	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	1.2	Electricity arrear to annual revenue (%)	71
Average O&M cost (Tk/m ³ produced)	1.2		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1997
Piped system introduced (year)	1997
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, Asset management, , ,
Staff in water section (Nos.)	13
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	9
PTW not in operation (Nos.)	1
Ave. depth (m)	71
Capacity at commission (m ³ /hrs)	Do not know
Ave. current capacity per unit (m ³ /hrs)	139
Ave. production hours, Summer (hrs/day)	5
Total production, Summer (m ³ /day)	6,678
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	6,678

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	34,073
Leakages in distribution (Nos.)	60

(3) O&M Problems

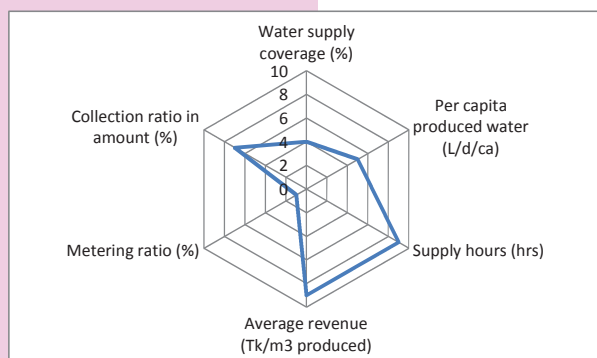
Production wells	Discharge has decrease.
Pump	5 nos. PTW is turbine pump, These are very old system, maximum time it is under repairing.
Treatment plant	-
Pipeline	-
Customer water meter	No water meter in your system for this region water discharge not measure and public want to meter because they like to
House connection	-
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	60
Leakage detection activity	Yes

A. Pourashava Profile

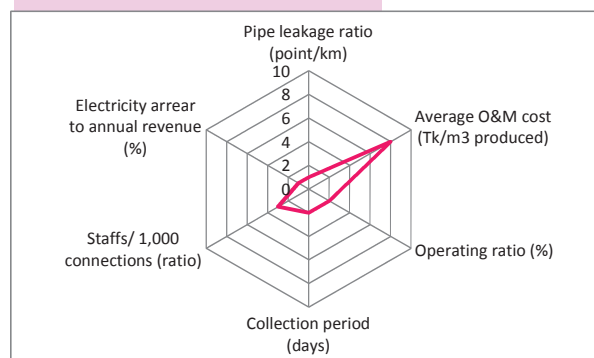
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	16.2
District	Joypurhat	Water sealed slab latrine (%)	56.66
Year established	27553	Water-related diseases	, , , ,
Contact Tel/Fax	0571-62311/0571-51011	Technical staff (Nos.)	20
E-mail	mayorjoypurhatpourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	106,729	Annual budget (Tk)	42,225,855
Nos. of households (FY2010/2011)	21,085	Revenue (Tk)	37,699,709
Literacy (%)	69	Expenditure (Tk)	25,099,780
Land area (km ²)	27	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	132	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	85	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	14		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	21	Metering ratio (%)	0
Per capita produced water (L/d/ca)	90	Operating ratio (%)	63
Supply Hour (Hrs)	9	Collection ratio in amount (%)	85
Non-revenue water (NRW) (%)	5	Collection period (days)	19
Pipe leakage ratio (point/km)	0.1	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	9	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	5.7		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1993
Piped system introduced (year)	1995
Pourashava responsibility	O&M, Construction of water supply facilities, Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	16
In which, staff with diploma or higher qualification (Nos.)	6

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	5
PTW not in operation (Nos.)	0
Ave. depth (m)	54
Capacity at commission (m ³ /hrs)	98
Ave. current capacity per unit (m ³ /hrs)	75
Ave. production hours, Summer (hrs/day)	10
Total production, Summer (m ³ /day)	3,615
Treatment plants (Nos.)	
AIRP	0
IRP	1
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	200
Production hours, Summer (hrs/day)	16
Total production (m ³ /day)	2,040

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	-
Bulk flow meters (Nos.)	3
Bulk flow meter readings (Nos.)	3
Total production, Summer (m ³ /day)	2,040

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	450
Distribution network (km):	59,690
Leakages in distribution (Nos.)	5

(3) O&M Problems

Production wells	Chalked up
Pump	Short circuit
Treatment plant	Sylhet sand
Pipeline	Iron and Manganese sediments clog the pipe/ foam pick wash
Customer water meter	Stopped or misread repair
House connection	MS clamps fittings rehabilitated choke the pipe
O&M manuals (Nos.)	4
O&M assistance form DPHE	No
Annual leakages (Nos.)	5
Leakage detection activity	Yes

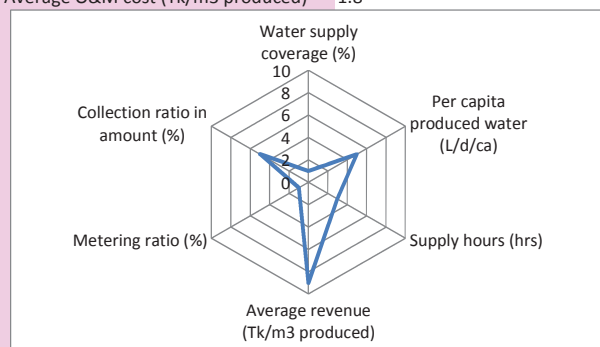
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)		825	
Rehabilitation		Tariff adopted year		2012	
Production tube well	Yes	Tariff setting policy		, Operation cost recovery (O&M costs), , , ,	
Treatment plant	Yes				
Distribution network	Yes	7. Water Quality Monitoring			
Expansion		Water quality monitoring plan		Yes	
Production tube well	Yes	Parameters checked		Fe, As, Mn, Bacteria test	
Treatment plant	Yes	Frequency of quality test		6 months	
Distribution network	Yes	Nos. of sampling location /year		10	
4. Customer Service (Service indicators)		Water quality problems		Iron and Manganese	
Coverage area (km ²)	7				
Population served (people)	22,785				
Service connections (Nos.)	2,500				
Domestic	2,354				
Public tap/ stand pipe	3	(1) Low Coverage			
Public institutions	0				
Commercial & industrial	143	(2) Low pressure			
Others	0				
Total	2,500	(3) Electricity problem			
Metered connections (Nos.)	0				
Applications outstanding (Nos.)	40				
New connections in 2010/2011 (Nos.)	5	Major 3 priority needs		(1) Expansion and replacement of network	
Average waiting time (days)	7	(2) Production well and pump			
Water pressure at the end of network	, Fair, ,	(3) House connection and water meter			
Continuity of service (hrs/day)	9				
Customer with 24 hrs supply (%)	0				
Annual complaints (Nos.)	76				
Major complaints	(1) Lack of sufficient pressure	9. Past and On-going Projects and Training			
	(2) Water quality (manganese and iron contamination)	(1) Past 10 years projects			
	(3) Lack of Electricity (for the water availability)	Name		-	
		Period		-	
		Funding agency		-	
		Executing agency		-	
		(2) Past 10 years projects		-	
		Name		-	
		Period		-	
		Funding agency		-	
		Executing agency		-	
		On-going projects		-	
		Name		STWSSP	
		Period		2006-2013	
		Funding agency		ADB, GOB	
		Executing agency		DPHE	
		Training		0	
		Nos. of training		3	
		Nos. of Staff		15	
		Name of training (1)		Water Meter Installation	
		Name of training (2)		Refresher Training	
		Name of training (3)		Bill Payment Training	
D. Non-Piped Water Supply Area					
1. Necessity of Piped Water Supply					
Necessity of		Main treatment method in domestic		None, , ,	
Piped water	Yes	As contaminated wells (Nos.)		0	
Water meter	Yes	Arsenic contaminated water supply (%)		0	
Reasons	To reduce wastage	Unhygienic drinking water (%)		No data	
		% of people using neighbor's well for drinking		10	
		Problems in non-piped water supply area		Manganese, In dry season we do not get water	
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System			
Average household income/month (Tk)	5,000-7,000	Potential water sources		<u>Evaluation</u>	<u>WQ problems</u>
Affordability for piped water (Tk/month)	250	Shallow well		None	Iron problem
Affordable price in total household income (%)	3.57-5	Deep well		Moderate	Fe, Mn
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources		-	-
		Other sources		No	0
		Decrease of ground water level			
		Shallow well (m/year)		0.5	
		Deep well (m/year)			

A. Pourashava Profile

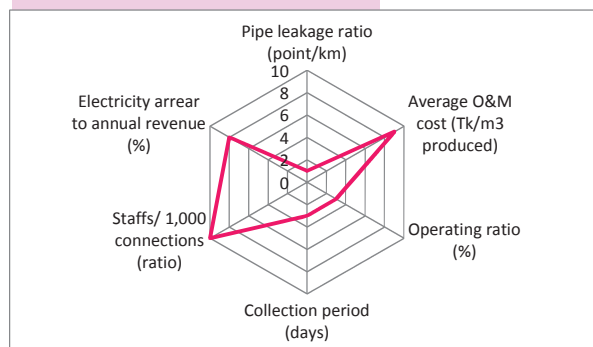
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30
District	Jamalpur	Water sealed slab latrine (%)	45
Year established	1969	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	09816-63289, 01711662824,62047	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	168,559	Annual budget (Tk)	710,520,000
Nos. of households (FY2010/2011)	19,277	Revenue (Tk)	59,550,000
Literacy (%)	49	Expenditure (Tk)	55,610,000
Land area (km ²)	53	Computerization	Holding tax management, Accounting, Trade license, Salary payment, , Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	16	Committee formed	
Residential area pop. density (persons/ha)	105	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	42	Metering ratio (%)	0
Per capita produced water (L/d/ca)	73	Operating ratio (%)	79
Supply Hour (Hrs)	4	Collection ratio in amount (%)	27
Non-revenue water (NRW) (%)	-	Collection period (days)	377
Pipe leakage ratio (point/km)	4.7	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	2.2	Electricity arrear to annual revenue (%)	108
Average O&M cost (Tk/m ³ produced)	1.8		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1969
Piped system introduced (year)	1969
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	21
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	12
PTW not in operation (Nos.)	3
Ave. depth (m)	128
Capacity at commission (m ³ /hrs)	104
Ave. current capacity per unit (m ³ /hrs)	76
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	5,138
Treatment plants (Nos.)	
AIRP	0
IRP	2
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	408
Production hours, Summer (hrs/day)	12
Total production (m ³ /day)	4,896

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	9
Bulk flow meter readings (Nos.)	9
Total production, Summer (m ³ /day)	5,138

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	3
Total capacity (m ³)	1,728
Distribution network (km):	58,750
Leakages in distribution (Nos.)	275

(3) O&M Problems

Production wells	Declining water table
Pump	Burns due to voltage fluctuation
Treatment plant	Filter Damages
Pipeline	Leakage, pressure low, Pipe water is dirty
Customer water meter	-
House connection	-
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	275
Leakage detection activity	No

96

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	10
District	Shariatpur	Water sealed slab latrine (%)	25
Year established	1999	Water-related diseases	Arsenicosis, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	01713542199	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	37,000	Annual budget (Tk)	32,025,000
Nos. of households (FY2010/2011)	3,616	Revenue (Tk)	4,701,780
Literacy (%)	68	Expenditure (Tk)	3,525,000
Land area (km ²)	16	Computerization	Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	77	TLCC /Frequency of meeting	No
Electricity coverage (%)	50	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	15		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	2008	PTW	0
Pourashava responsibility	, ,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	0	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	0
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	7,000
		Leakages in distribution (Nos.)	-
		(3) O&M Problems	
		Production wells	-
		Pump	-
		Treatment plant	-
		Pipeline	-
		Customer water meter	-
		House connection	-
		O&M manuals (Nos.)	-
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	-
		Leakage detection activity	-

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	2
Ave. depth (m)	259
Capacity at commission (m ³ /hrs)	68
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	34
District	Jhalakathi	Water sealed slab latrine (%)	12
Year established	1875	Water-related diseases	, , , , ,
Contact Tel/Fax	T- 049863348, Fax- 049863133	Technical staff (Nos.)	18
E-mail	mayor_jhalakathimunicipality.org	Financial statements (2010/2011)	
Population (FY2010/2011)	63,250	Annual budget (Tk)	11,380,000
Nos. of households (FY2010/2011)	8,055	Revenue (Tk)	7,664,065
Literacy (%)	80	Expenditure (Tk)	8,194,269
Land area (km ²)	16	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	7	Committee formed	
Residential area pop. density (persons/ha)	96	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	98	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	65	Metering ratio (%)	98
Per capita produced water (L/d/ca)	157	Operating ratio (%)	1,037
Supply Hour (Hrs)	12	Collection ratio in amount (%)	69
Non-revenue water (NRW) (%)	-	Collection period (days)	1,574
Pipe leakage ratio (point/km)	2.8	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	0.3	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.4		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1997
Piped system introduced (year)	1978
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	28
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	7
PTW not in operation (Nos.)	1
Ave. depth (m)	288
Capacity at commission (m ³ /hrs)	104
Ave. current capacity per unit (m ³ /hrs)	81
Ave. production hours, Summer (hrs/day)	13
Total production, Summer (m ³ /day)	6,454
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	6
Bulk flow meter readings (Nos.)	6
Total production, Summer (m ³ /day)	6,454

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	400
Distribution network (km):	48,000
Leakages in distribution (Nos.)	133

(3) O&M Problems

Production wells	Housing pipe Leakage.
Pump	Burning of Pump motor due to voltage fluctuation.
Treatment plant	-
Pipeline	Leakage, Jam From various reason.
Customer water meter	Water vapor damaged water meter.
House connection	Leakage
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	133
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)		600
Rehabilitation		Tariff adopted year	2011	
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,	
Treatment plant	No	7. Water Quality Monitoring		
Distribution network	Yes	Water quality monitoring plan	Yes	
Expansion		Parameters checked	Cl. As, Fe, Salinity	
Production tube well	Yes	Frequency of quality test	6 months	
Treatment plant	Yes	Nos. of sampling location /year	6	
Distribution network	Yes	Water quality problems	-	
4. Customer Service (Service indicators)		8. Problems and Priority Needs		
Coverage area (km ²)	9	Major 3 problems	(1) Low Coverage	
Population served (people)	41,112		(2) Leakage	
Service connections (Nos.)	4,025		(3) Less financial resources	
Domestic	3,864			
Public tap/ stand pipe	52			
Public institutions	30			
Commercial & industrial	49			
Others	30			
Total	4,025			
Metered connections (Nos.)	3,943			
Applications outstanding (Nos.)	0	Major 3 priority needs	(1) Production well and pump	
New connections in 2010/2011 (Nos.)	0		(2) Distribution network	
Average waiting time (days)	0		(3) Y/3	
Water pressure at the end of network	, Fair, ,			
Continuity of service (hrs/day)	12			
Customer with 24 hrs supply (%)	50			
Annual complaints (Nos.)	182			
Major complaints	(1) Low force of water	9. Past and On-going Projects and Training		
	(2) Pipe Line leakage	(1) Past 10 years projects		
	(3) Presence of Shawla(Water algae)	Name	-	
		Period	-	
		Funding agency	-	
		Executing agency	-	
		(2) Past 10 years projects	-	
		Name	-	
		Period	-	
		Funding agency	-	
		Executing agency	-	
		On-going projects	-	
		Name	-	
		Period	37, Districts water supply project	
		Funding agency	2010-2015	
		Executing agency	GOB	
		Training	DPHE	
		Nos. of training	-	
		Nos. of Staff	1	
		Name of training (1)	Billing Software	
		Name of training (2)	-	
		Name of training (3)	-	
5. Financial Information (FY2010/11)				
Annual budget (Tk)	11,380,000			
Annual revenue (Tk)	766,465			
Annual expenditure (Tk)	19,606,007			
Annual O&M Costs (Tk)	7,946,007			
Annual billings (Tk)	10,523,479			
Annual collections (Tk)	7,218,581			
Water arrears (Tk)	3,304,898			
Electricity arrears (Tk)	0			
Payment methods	, Bank			
Self-billing	No			
Billing frequency	Monthly			
6. Water Tariff and Metering (See Tariff Database)				
Tariff Structure	Metered rate			
Domestic 13 mm (1/2") (Tk/month)	120			
Non-domestic lowest (Tk/month)	175			
Lowest volumetric charge (Tk/m ³)	0			
D. Non-Piped Water Supply Area				
1. Necessity of Piped Water Supply		Main treatment method in domestic		
Necessity of Piped water	Yes	As contaminated wells (Nos.)	None, , ,	
Water meter	Yes	Arsenic contaminated water supply (%)	150	
Reasons	To save the water and reduction waste water. To measure the Non Revenue water.	Unhygienic drinking water (%)	20	
		% of people using neighbor's well for drinking	5	
		Problems in non-piped water supply area	35	
			Arsenic (in Shallow Tube well), Hard water	
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System		
Average household income/month (Tk)	16,000	Potential water sources	Evaluation	WQ problems
Affordability for piped water (Tk/month)	200	Shallow well	Moderate	Arsenic, Bacteria, Hardness, Salinity
Affordable price in total household income (%)	1	Deep well	Moderate	Hardness
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	Moderate	Polluted by human waste
Source	Nos. of source	Drinking (%)	Domestic (%)	Other sources
River	2	0	20	No
Shallow well	206	0	30	-
Deep well	380	85	20	
Ponds	50	0	25	
Other sources	7	5	5	

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	40
District	Jhenaidah	Water sealed slab latrine (%)	40
Year established	21492	Water-related diseases	, , , , ,
Contact Tel/Fax	0451-62413/0451-61608	Technical staff (Nos.)	25
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	128,292	Annual budget (Tk)	293,603,000
Nos. of households (FY2010/2011)	13,303	Revenue (Tk)	66,397,000
Literacy (%)	76	Expenditure (Tk)	52,303,000
Land area (km ²)	32	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	11	Committee formed	
Residential area pop. density (persons/ha)	113	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	65	Metering ratio (%)	28
Per capita produced water (L/d/ca)	62	Operating ratio (%)	86
Supply Hour (Hrs)	6	Collection ratio in amount (%)	84
Non-revenue water (NRW) (%)	5	Collection period (days)	77
Pipe leakage ratio (point/km)	0.4	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	3.3	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	2.8		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1985
Piped system introduced (year)	1985
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	42
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	10
PTW not in operation (Nos.)	0
Ave. depth (m)	139
Capacity at commission (m ³ /hrs)	120
Ave. current capacity per unit (m ³ /hrs)	86
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	5,160
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	6
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	5,160

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	3
Total capacity (m ³)	1,065
Distribution network (km):	112,000
Leakages in distribution (Nos.)	45

(3) O&M Problems

Production wells	old, water level down
Pump	parts damaged
Treatment plant	-
Pipeline	Fe sludge, leakage
Customer water meter	Fe sludge stop propeller
House connection	leakage
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	45
Leakage detection activity	Yes

102

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	62
District	Jessore	Water sealed slab latrine (%)	18
Year established	1864	Water-related diseases	, , , , ,
Contact Tel/Fax	0421-68681/041-63899	Technical staff (Nos.)	16
E-mail	jessorepourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	286,163	Annual budget (Tk)	287,341,698
Nos. of households (FY2010/2011)	42,793	Revenue (Tk)	98,733,000
Literacy (%)	83	Expenditure (Tk)	101,266,235
Land area (km ²)	15	Computerization	, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	7	Committee formed	
Residential area pop. density (persons/ha)	414	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	42	Metering ratio (%)	56
Per capita produced water (L/d/ca)	226	Operating ratio (%)	95
Supply Hour (Hrs)	16	Collection ratio in amount (%)	89
Non-revenue water (NRW) (%)	20	Collection period (days)	197
Pipe leakage ratio (point/km)	0.9	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	2.4	Electricity arrear to annual revenue (%)	622
Average O&M cost (Tk/m ³ produced)	2.3		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2005	Chlorination points (Nos.)	
Piped system introduced (year)	1918	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities, Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	0
Staff in water section (Nos.)	71	Bulk flow meters (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	7
		Total production, Summer (m ³ /day)	27,088
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	6
		Total capacity (m ³)	6,000
		Distribution network (km):	180,000
		Leakages in distribution (Nos.)	160
		(3) O&M Problems	
		Production wells	Equipment, fund, skilled manpower
		Pump	Panel box, turbine, motor
		Treatment plant	-
		Pipeline	Not uniformly installed
		Customer water meter	Iron clogging
		House connection	Leakage
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	160
		Leakage detection activity	Yes

2. Water Supply System

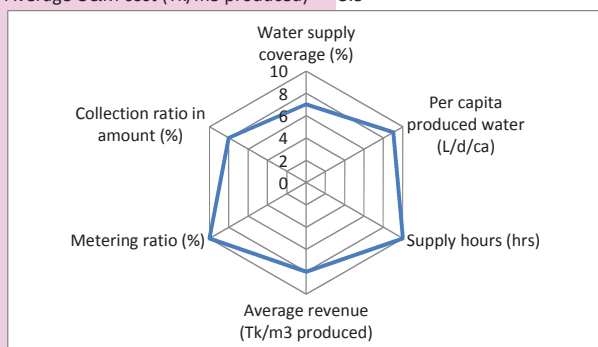
Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	19
PTW not in operation (Nos.)	0
Ave. depth (m)	125
Capacity at commission (m ³ /hrs)	109
Ave. current capacity per unit (m ³ /hrs)	80
Ave. production hours, Summer (hrs/day)	18
Total production, Summer (m ³ /day)	27,088
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

A. Pourashava Profile

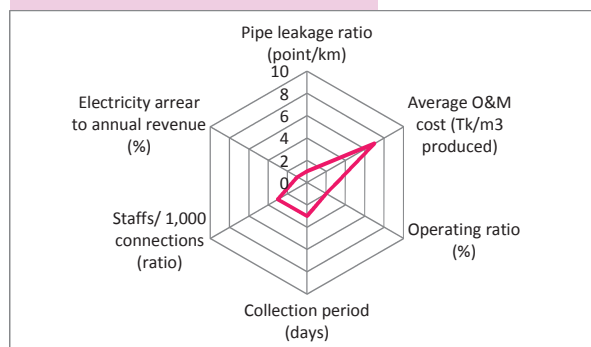
Class	B	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	60
District	Patuakhali	Water sealed slab latrine (%)	40
Year established	1997	Water-related diseases	, , , , ,
Contact Tel/Fax	04425-56283	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	19,782	Annual budget (Tk)	13,331,000
Nos. of households (FY2010/2011)	3,150	Revenue (Tk)	11,585,337
Literacy (%)	60	Expenditure (Tk)	12,208,667
Land area (km ²)	4	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	3	Committee formed	
Residential area pop. density (persons/ha)	75	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	60	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	38	Metering ratio (%)	100
Per capita produced water (L/d/ca)	180	Operating ratio (%)	56
Supply Hour (Hrs)	20	Collection ratio in amount (%)	93
Non-revenue water (NRW) (%)	-	Collection period (days)	58
Pipe leakage ratio (point/km)	0.4	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	6.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.5		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2005
Piped system introduced (year)	1998
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	9
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	375
Capacity at commission (m ³ /hrs)	75
Ave. current capacity per unit (m ³ /hrs)	68
Ave. production hours, Summer (hrs/day)	10
Total production, Summer (m ³ /day)	1,350
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	2
Bulk flow meter readings (Nos.)	2
Total production, Summer (m ³ /day)	1,350

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	500
Distribution network (km):	25,200
Leakages in distribution (Nos.)	10

(3) O&M Problems

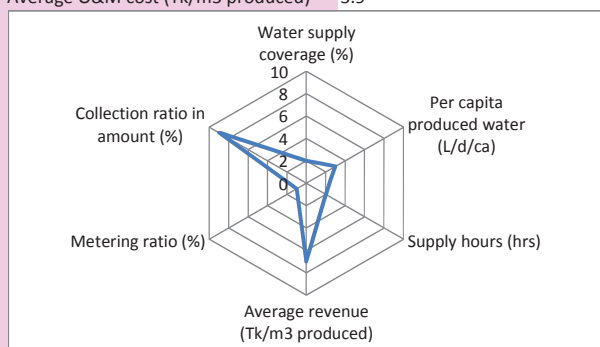
Production wells	-
Pump	Burning of pump due to voltage fluctuation
Treatment plant	-
Pipeline	Leakage
Customer water meter	Don't know
House connection	Joint leakage
O&M manuals (Nos.)	5
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	10
Leakage detection activity	No

A. Pourashava Profile

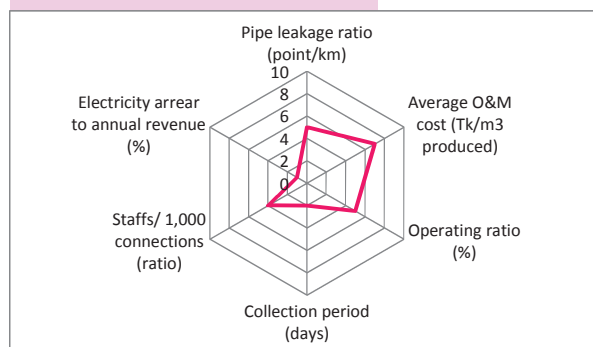
Class	B	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	25
District	Narail	Water sealed slab latrine (%)	40
Year established	1976	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 04822-56010	Technical staff (Nos.)	3
E-mail	kalia.pour76@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	20,526	Annual budget (Tk)	61,659,282
Nos. of households (FY2010/2011)	4,937	Revenue (Tk)	6,857,282
Literacy (%)	65	Expenditure (Tk)	6,532,000
Land area (km ²)	21	Computerization	, , , , , , ,
Residential area (km ²)	7	Committee formed	
Residential area pop. density (persons/ha)	28	TLCC /Frequency of meeting	No
Electricity coverage (%)	70	WATSAN/Frequency of meeting	Yes, 2 months
Electricity availability (hrs)			
Summer	10		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	12	Metering ratio (%)	0
Per capita produced water (L/d/ca)	56	Operating ratio (%)	95
Supply Hour (Hrs)	3	Collection ratio in amount (%)	94
Non-revenue water (NRW) (%)	-	Collection period (days)	21
Pipe leakage ratio (point/km)	1.9	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	4.1	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.9		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2009	Chlorination points (Nos.)	
Piped system introduced (year)	2008	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	2	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	140

(2) Distribution**2. Water Supply System**

Operation of water supply facilities	In operation	Overhead tank	0
(1) Production		Overhead tanks (Nos.)	0
Water sources for piped system	Groundwater,	Total capacity (m ³)	0
Production tube well		Distribution network (km):	8,000
PTW (Nos.)	1	Leakages in distribution (Nos.)	15
PTW not in operation (Nos.)	0		
Ave. depth (m)	300	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	45	Production wells	No problem
Ave. current capacity per unit (m ³ /hrs)	40	Pump	No problem
Ave. production hours, Summer (hrs/day)	4	Treatment plant	-
Total production, Summer (m ³ /day)	140	Pipeline	Too much leakage of switch valve
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage of joints
IRP	0	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	15
Production of plant	0	Leakage detection activity	Yes
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	35
District	Jhenaidah	Water sealed slab latrine (%)	40
Year established	1990	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 04523-56220	Technical staff (Nos.)	10
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	46,358	Annual budget (Tk)	133,097,645
Nos. of households (FY2010/2011)	6,980	Revenue (Tk)	66,220,680
Literacy (%)	46	Expenditure (Tk)	65,520,680
Land area (km ²)	16	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	7	Committee formed	
Residential area pop. density (persons/ha)	65	TLCC /Frequency of meeting	Yes, No activities yet
Electricity coverage (%)	95	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	15	Metering ratio (%)	0
Per capita produced water (L/d/ca)	231	Operating ratio (%)	105
Supply Hour (Hrs)	6	Collection ratio in amount (%)	90
Non-revenue water (NRW) (%)	13	Collection period (days)	39
Pipe leakage ratio (point/km)	3.4	Staffs/ 1,000 connections (ratio)	9
Average revenue (Tk/m ³ produced)	1.3	Electricity arrear to annual revenue (%)	207
Average O&M cost (Tk/m ³ produced)	1.4		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1996
Piped system introduced (year)	1994
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	3
PTW not in operation (Nos.)	0
Ave. depth (m)	126
Capacity at commission (m ³ /hrs)	83
Ave. current capacity per unit (m ³ /hrs)	83
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	1,620
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	3
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	1,620

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	10,330
Leakages in distribution (Nos.)	35

(3) O&M Problems

Production wells	No problem
Pump	Burning of two times due to voltage fluctuation.
Treatment plant	-
Pipeline	No problem
Customer water meter	-
House connection	Leakage from fittings
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	35
Leakage detection activity	Yes

110

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	30
District	Jhenaidah	Water sealed slab latrine (%)	35
Year established	1883	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 04524-65288	Technical staff (Nos.)	9
E-mail	mayor_kcp@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	55,540	Annual budget (Tk)	86,200,909
Nos. of households (FY2010/2011)	9,200	Revenue (Tk)	19,705,909
Literacy (%)	85	Expenditure (Tk)	19,580,909
Land area (km ²)	19	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, , ,
Residential area (km ²)	9	Committee formed	
Residential area pop. density (persons/ha)	61	TLCC /Frequency of meeting	No
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, Not yet (No activities)
Electricity availability (hrs)			
Summer	10		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	45	Metering ratio (%)	0
Per capita produced water (L/d/ca)	96	Operating ratio (%)	128
Supply Hour (Hrs)	8	Collection ratio in amount (%)	21
Non-revenue water (NRW) (%)	5	Collection period (days)	272
Pipe leakage ratio (point/km)	2.2	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	2.7	Electricity arrear to annual revenue (%)	107
Average O&M cost (Tk/m ³ produced)	3.5		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1997
Piped system introduced (year)	1994
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	3
PTW not in operation (Nos.)	0
Ave. depth (m)	119
Capacity at commission (m ³ /hrs)	110
Ave. current capacity per unit (m ³ /hrs)	100
Ave. production hours, Summer (hrs/day)	8
Total production, Summer (m ³ /day)	2,400
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	3
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	2,400

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	14,650
Leakages in distribution (Nos.)	32

(3) O&M Problems

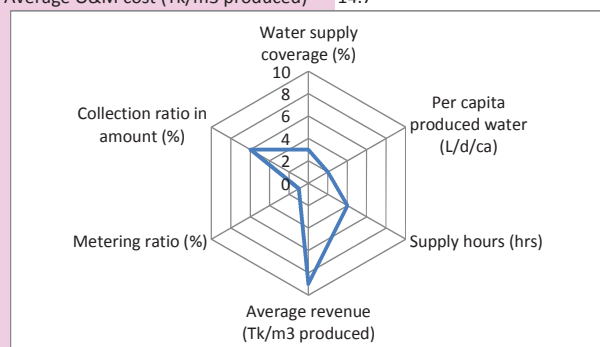
Production wells	Decrease of production capacity
Pump	- Burning of pump motor due to voltage fluctuation. - Bearing damaged etc.
Treatment plant	-
Pipeline	Leakage due to over pressure by vehicle and the dresser type coupling joint failure.
Customer water meter	-
House connection	Miss handling by consumer and ironizing of joint. Leakage frequently.
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	32
Leakage detection activity	Yes

A. Pourashava Profile

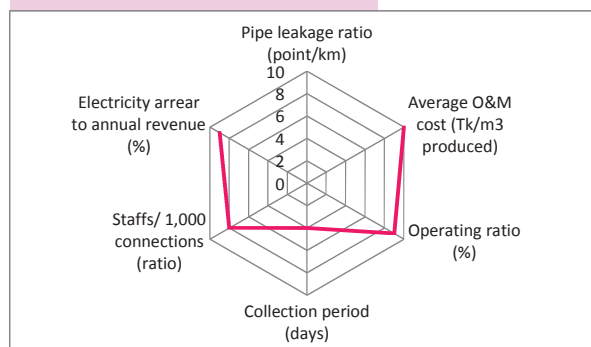
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	18
District	Kushtia	Water sealed slab latrine (%)	43
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 07025-76492, Fax : 07025-76492	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	35,000	Annual budget (Tk)	71,331,565
Nos. of households (FY2010/2011)	5,844	Revenue (Tk)	46,331,565
Literacy (%)	70	Expenditure (Tk)	31,490,000
Land area (km ²)	11	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	67	TLCC /Frequency of meeting	No
Electricity coverage (%)	80	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	14		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	18	Metering ratio (%)	0
Per capita produced water (L/d/ca)	53	Operating ratio (%)	153
Supply Hour (Hrs)	4.5	Collection ratio in amount (%)	81
Non-revenue water (NRW) (%)	12	Collection period (days)	86
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	12
Average revenue (Tk/m ³ produced)	9.6	Electricity arrear to annual revenue (%)	134
Average O&M cost (Tk/m ³ produced)	14.7		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1995
Piped system introduced (year)	1994
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	13
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	3
PTW not in operation (Nos.)	0
Ave. depth (m)	104
Capacity at commission (m ³ /hrs)	44
Ave. current capacity per unit (m ³ /hrs)	23
Ave. production hours, Summer (hrs/day)	5
Total production, Summer (m ³ /day)	339
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	339

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	19,500
Leakages in distribution (Nos.)	Do not know

(3) O&M Problems

Production wells	- Current capacity of supply in sufficient
Pump	No problem
Treatment plant	-
Pipeline	Bursting due to over loading of vehicle, due to sand carrying from pond site.
Customer water meter	-
House connection	Leakage due to ironies joint failure
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	Do not know
Leakage detection activity	Yes

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	75
District	Kushtia	Water sealed slab latrine (%)	20
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 017-71348, Fax: 071-71348	Technical staff (Nos.)	20
E-mail	callcentrekp@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	194,880	Annual budget (Tk)	380,089,968
Nos. of households (FY2010/2011)	15,032	Revenue (Tk)	80,862,992
Literacy (%)	78	Expenditure (Tk)	77,868,477
Land area (km ²)	28	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	21	Committee formed	
Residential area pop. density (persons/ha)	94	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 2 months
Electricity availability (hrs)			
Summer	18		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	45	Metering ratio (%)	0
Per capita produced water (L/d/ca)	121	Operating ratio (%)	33
Supply Hour (Hrs)	6	Collection ratio in amount (%)	98
Non-revenue water (NRW) (%)	9.7	Collection period (days)	11
Pipe leakage ratio (point/km)	0.8	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	17.6	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	5.7		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1997
Piped system introduced (year)	1965
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	42
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	14
PTW not in operation (Nos.)	0
Ave. depth (m)	96
Capacity at commission (m ³ /hrs)	113
Ave. current capacity per unit (m ³ /hrs)	96
Ave. production hours, Summer (hrs/day)	8
Total production, Summer (m ³ /day)	10,640
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	14
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	14
Bulk flow meter readings (Nos.)	14
Total production, Summer (m ³ /day)	10,640

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	4
Total capacity (m ³)	2,400
Distribution network (km):	104,000
Leakages in distribution (Nos.)	80

(3) O&M Problems

Production wells	decreasing production capacity
Pump	Burning of pump motor due voltage of electricity
Treatment plant	Back washing & frequently bearing change.
Pipeline	Due to hardness of water and the pipe automatically dia reduce.
Customer water meter	-
House connection	Due to hardness of water and leakage
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	80
Leakage detection activity	Yes

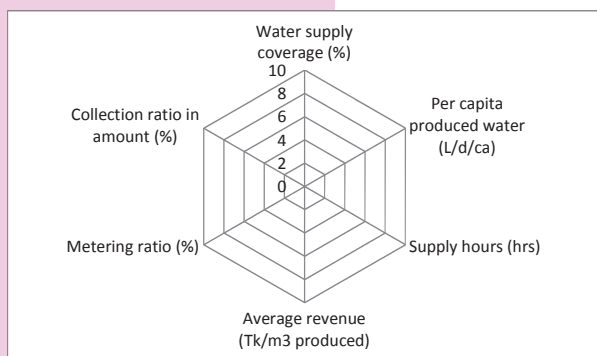
A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20
District	Noakhali	Water sealed slab latrine (%)	20
Year established	1997	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	03232-53007	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	29,000	Annual budget (Tk)	9,557,214
Nos. of households (FY2010/2011)	3,458	Revenue (Tk)	7,218,148
Literacy (%)	70	Expenditure (Tk)	6,958,920
Land area (km ²)	11	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	3	Committee formed	
Residential area pop. density (persons/ha)	88	TLCC /Frequency of meeting	No
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	18		

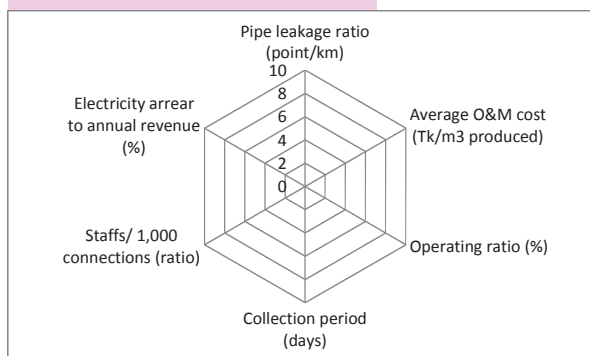
B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-
Per capita produced water (L/d/ca)	-
Supply Hour (Hrs)	No water supply service
Non-revenue water (NRW) (%)	-
Pipe leakage ratio (point/km)	-
Average revenue (Tk/m ³ produced)	-
Average O&M cost (Tk/m ³ produced)	-

Metering ratio (%)	-
Operating ratio (%)	-
Collection ratio in amount (%)	-
Collection period (days)	-
Staffs/ 1,000 connections (ratio)	-
Electricity arrear to annual revenue (%)	-



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Not formed
Piped system introduced (year)	2004
Pourashava responsibility	, ,
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	Not in operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	1
PTW not in operation (Nos.)	1
Ave. depth (m)	300
Capacity at commission (m ³ /hrs)	0
Ave. current capacity per unit (m ³ /hrs)	0
Ave. production hours, Summer (hrs/day)	0
Total production, Summer (m ³ /day)	0
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	0
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	2,000
Leakages in distribution (Nos.)	-
(3) O&M Problems	
Production wells	-
Pump	-
Treatment plant	-
Pipeline	No problem
Customer water meter	-
House connection	-
O&M manuals (Nos.)	-
O&M assistance form DPHE	No
Annual leakages (Nos.)	-
Leakage detection activity	-

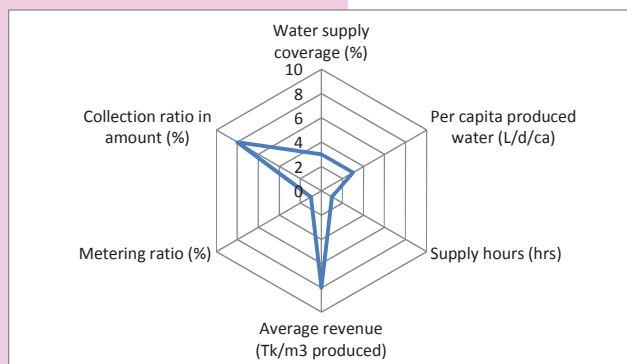
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	No	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	No	Water quality monitoring plan	-
Treatment plant	No	Parameters checked	-
Distribution network	Yes	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) -
Population served (people)	No water supply service		(2) -
Service connections (Nos.)	0		(3) -
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) -
Applications outstanding (Nos.)	-		(2) -
New connections in 2010/2011 (Nos.)	-		(3) -
Average waiting time (days)	-		
Water pressure at the end of network	,,, ,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1) -	9. Past and On-going Projects and Training	
	(2) -	(1) Past 10 years projects	
	(3) -	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	-
		Nos. of training	-
		Nos. of Staff	-
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of		Main treatment method in domestic	, Boiling, , Filtration
Piped water	Yes	As contaminated wells (Nos.)	700
Water meter	Yes	Arsenic contaminated water supply (%)	20
Reasons	To prevent wastage of water and to measure water used	Unhygienic drinking water (%)	2
		% of people using neighbor's well for drinking	30
		Problems in non-piped water supply area	Arsenic, Iron, Saline (salinity)
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	200	Shallow well	Moderate Arsenic, Iron, Saline
Affordable price in total household income (%)	2	Deep well	High Saline
		Surface water sources	-
		Other sources	Yes -
2. Exiting Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	1,830	100	18
Deep well	8	0	2
Ponds	700	0	80
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	-
		Deep well (m/year)	-

A. Pourashava Profile

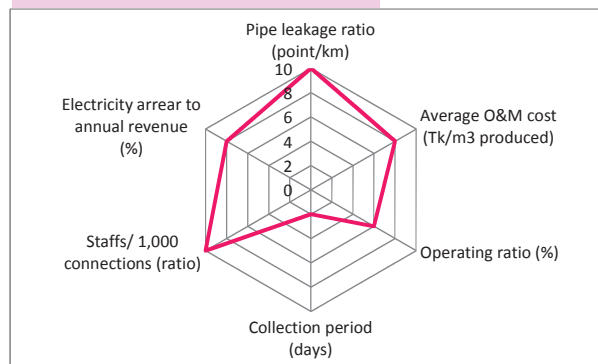
Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20
District	Chandpur	Water sealed slab latrine (%)	40
Year established	1998	Water-related diseases	, , , , ,
Contact Tel/Fax	08425-56030	Technical staff (Nos.)	7
E-mail	kachua.pourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	26,950	Annual budget (Tk)	8,531,819
Nos. of households (FY2010/2011)	5,047	Revenue (Tk)	7,925,224
Literacy (%)	60	Expenditure (Tk)	7,936,996
Land area (km ²)	11	Computerization	, , , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	60	TLCC /Frequency of meeting	Yes, Irregular
Electricity coverage (%)	60	WATSAN/Frequency of meeting	Yes, Irregular
Electricity availability (hrs)			
Summer	12		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	19	Metering ratio (%)	0
Per capita produced water (L/d/ca)	60	Operating ratio (%)	98
Supply Hour (Hrs)	2	Collection ratio in amount (%)	90
Non-revenue water (NRW) (%)	-	Collection period (days)	39
Pipe leakage ratio (point/km)	29.1	Staffs/ 1,000 connections (ratio)	20
Average revenue (Tk/m ³ produced)	5.5	Electricity arrear to annual revenue (%)	60
Average O&M cost (Tk/m ³ produced)	5.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2005	Chlorination points (Nos.)	
Piped system introduced (year)	2004	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	-
Staff in water section (Nos.)	4	Bulk flow meters (Nos.)	2
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	2
		Total production, Summer (m ³ /day)	300
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	1
		Total capacity (m ³)	500
		Distribution network (km):	5,500
		Leakages in distribution (Nos.)	160
		(3) O&M Problems	
		Production wells	Decrease of production capacity
		Pump	Mechanical problem
		Treatment plant	Activated carbon filter clogging faster than expected
		Pipeline	Pipeline leakage, joint dislocation, burst
		Customer water meter	
		House connection	Leakage
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	Yes
		Annual leakages (Nos.)	160
		Leakage detection activity	No

2. Water Supply System

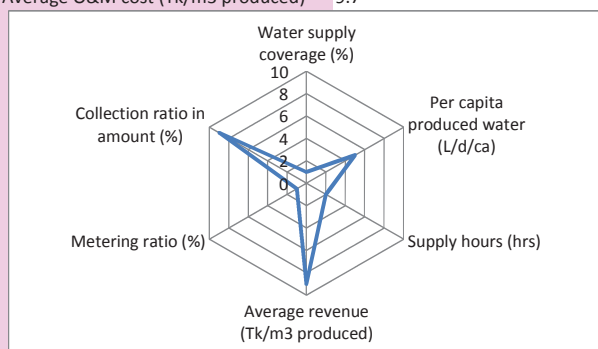
Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	138
Capacity at commission (m ³ /hrs)	80
Ave. current capacity per unit (m ³ /hrs)	75
Ave. production hours, Summer (hrs/day)	2
Total production, Summer (m ³ /day)	300
Treatment plants (Nos.)	
AIRP	0
IRP	1
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	50
Production hours, Summer (hrs/day)	6
Total production (m ³ /day)	300

A. Pourashava Profile

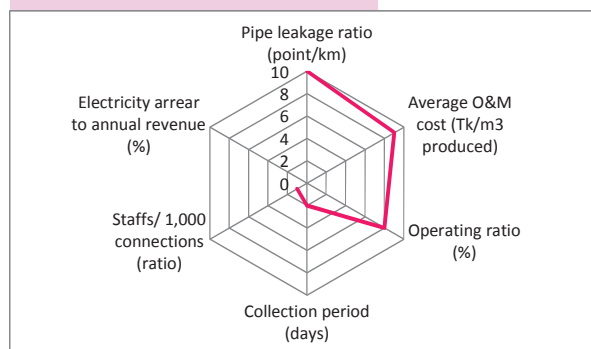
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Madaripur	Water sealed slab latrine (%)	75
Year established	1997	Water-related diseases	, Diarrhea, , Typhoid, , Jaundice
Contact Tel/Fax	06622-56147, 01717444111	Technical staff (Nos.)	8
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	46,252	Annual budget (Tk)	24,290,540
Nos. of households (FY2010/2011)	7,233	Revenue (Tk)	8,963,701
Literacy (%)	49	Expenditure (Tk)	9,305,016
Land area (km ²)	27	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	7	Committee formed	
Residential area pop. density (persons/ha)	69	TLCC /Frequency of meeting	Yes, Once in a year
Electricity coverage (%)	75	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	14		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	7	Metering ratio (%)	0
Per capita produced water (L/d/ca)	97	Operating ratio (%)	112
Supply Hour (Hrs)	3	Collection ratio in amount (%)	95
Non-revenue water (NRW) (%)	-	Collection period (days)	18
Pipe leakage ratio (point/km)	14.2	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	8.6	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	9.7		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2005	Chlorination points (Nos.)	
Piped system introduced (year)	2004	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
		Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	7	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Total production, Summer (m ³ /day)	321
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	In operation	Overhead tank	0
(1) Production		Overhead tanks (Nos.)	0
Water sources for piped system	Groundwater,	Total capacity (m ³)	0
Production tube well		Distribution network (km):	14,070
PTW (Nos.)	3	Leakages in distribution (Nos.)	200
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	250	Production wells	No problem
Capacity at commission (m ³ /hrs)	Do not know	Pump	leakage problem in the pipeline of pump.
Ave. current capacity per unit (m ³ /hrs)	34	Treatment plant	-
Ave. production hours, Summer (hrs/day)	3	Pipeline	Leakage
Total production, Summer (m ³ /day)	321	Customer water meter	-
Treatment plants (Nos.)		House connection	Rust
AIRP	0	O&M manuals (Nos.)	0
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	200
Plants not in operation	0	Leakage detection activity	Yes
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	10
District	Kishorganj	Water sealed slab latrine (%)	15
Year established	2001	Water-related diseases	, , Diarrhea, , , Dysentery,
Contact Tel/Fax	1712-699603	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	50,800	Annual budget (Tk)	34,062,000
Nos. of households (FY2010/2011)	8,123 (April 2012)	Revenue (Tk)	18,595,728
Literacy (%)	42 (2001)	Expenditure (Tk)	16,062,000
Land area (km ²)	18	Computerization	, , , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	116	TLCC /Frequency of meeting	Yes, Not yet meeting held
Electricity coverage (%)	60	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	10		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	-	Metering ratio (%)	-
Per capita produced water (L/d/ca)	-	Operating ratio (%)	-
Supply Hour (Hrs)	No water supply service	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	-
Average revenue (Tk/m ³ produced)	-	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	-		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	Do not know	Chlorination points (Nos.)	
Piped system introduced (year)	2002	PTW	-
Pourashava responsibility	, ,	IRP/AIRP	-
		Surface WTP	-
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
		Bulk flow meter readings (Nos.)	-
Staff in water section (Nos.)	1	Total production, Summer (m ³ /day)	0
In which, staff with diploma or higher qualification (Nos.)	0	(2) Distribution	
		Overhead tank	0
2. Water Supply System		Overhead tanks (Nos.)	0
Operation of water supply facilities	Not in operation	Total capacity (m ³)	0
(1) Production		Distribution network (km):	29,000
Water sources for piped system	Groundwater,	Leakages in distribution (Nos.)	-
Production tube well		(3) O&M Problems	
PTW (Nos.)	3	Production wells	-
PTW not in operation (Nos.)	3	Pump	-
Ave. depth (m)	218	Treatment plant	-
Capacity at commission (m ³ /hrs)	0	Pipeline	-
Ave. current capacity per unit (m ³ /hrs)	0	Customer water meter	-
Ave. production hours, Summer (hrs/day)	0	House connection	-
Total production, Summer (m ³ /day)	0	O&M manuals (Nos.)	-
Treatment plants (Nos.)		O&M assistance form DPHE	No
AIRP	0	Annual leakages (Nos.)	-
IRP	0	Leakage detection activity	-
Surface water treatment plants	0		
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

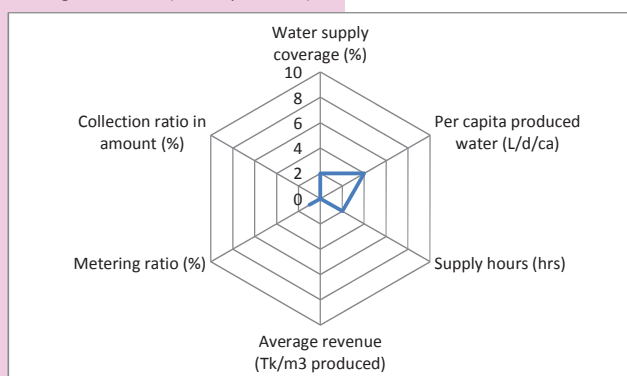
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service
Rehabilitation		Tariff adopted year	No water tariff
Production tube well	No	Tariff setting policy	.....
Treatment plant	No		
Distribution network	No		
Expansion		7. Water Quality Monitoring	
Production tube well	No	Water quality monitoring plan	-
Treatment plant	No	Parameters checked	-
Distribution network	No	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	No water supply service	Major 3 problems	(1) -
Population served (people)	No water supply service		(2) -
Service connections (Nos.)	0		(3) -
Domestic	0		
Public tap/ stand pipe	0		
Public institutions	0		
Commercial & industrial	0		
Others	0		
Total	0		
Metered connections (Nos.)	-	Major 3 priority needs	(1) -
Applications outstanding (Nos.)	-		(2) -
New connections in 2010/2011 (Nos.)	-		(3) -
Average waiting time (days)	-		
Water pressure at the end of network	, , ,		
Continuity of service (hrs/day)	No water supply service		
Customer with 24 hrs supply (%)	No water supply service		
Annual complaints (Nos.)	No water supply service		
Major complaints	(1)	9. Past and On-going Projects and Training	
	(2)	(1) Past 10 years projects	
	(3)	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		Training	0
		Nos. of training	0
		Nos. of Staff	0
		Name of training (1)	-
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	0		
Annual expenditure (Tk)	0		
Annual O&M Costs (Tk)	0		
Annual billings (Tk)	0		
Annual collections (Tk)	0		
Water arrears (Tk)	0		
Electricity arrears (Tk)	No water supply service		
Payment methods	,		
Self-billing			
Billing frequency	0		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	0		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	0		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of		As contaminated wells (Nos.)	Do not know
Piped water	No	Arsenic contaminated water supply (%)	Do not know
Water meter	No	Unhygienic drinking water (%)	0
Reasons		% of people using neighbor's well for drinking	10
		Problems in non-piped water supply area	Iron, Arsenic
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	Do not know	Shallow well	None
Affordable price in total household income (%)	Do not know	Deep well	High
		Surface water sources	-
		Other sources	No
2. Exiting Water Sources in Non-Piped Water Supply Area		Decrease of ground water level	
Source	Nos. of source	Shallow well (m/year)	0.2
River	0	Deep well (m/year)	0.2
Shallow well	500		
Deep well	40		
Ponds	200		
Other sources	0		

A. Pourashava Profile

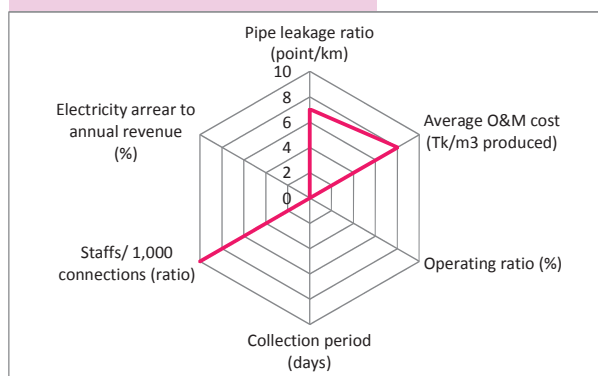
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	26
District	Khagrachari	Water sealed slab latrine (%)	40
Year established	1984	Water-related diseases	, , , , ,
Contact Tel/Fax	0371-61617, 0371-61049	Technical staff (Nos.)	8
E-mail	kharacharipoura@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	90,000	Annual budget (Tk)	51,006,212
Nos. of households (FY2010/2011)	11,437	Revenue (Tk)	17,609,019
Literacy (%)	45	Expenditure (Tk)	17,440,721
Land area (km ²)	14	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	1	Committee formed	
Residential area pop. density (persons/ha)	1,698	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	96	WATSAN/Frequency of meeting	Yes, 2 months
Electricity availability (hrs)			
Summer	14		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	13	Metering ratio (%)	0
Per capita produced water (L/d/ca)	83	Operating ratio (%)	-
Supply Hour (Hrs)	2.3	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	3.3	Staffs/ 1,000 connections (ratio)	29
Average revenue (Tk/m ³ produced)	No data	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	4.8		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	1984	Chlorination points (Nos.)	
Piped system introduced (year)	Do not know	PTW	4
Pourashava responsibility	O&M by DPHE, ,	IRP/AIRP	2
		Surface WTP	-
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
		Bulk flow meter readings (Nos.)	0
Staff in water section (Nos.)	16	Total production, Summer (m ³ /day)	994
In which, staff with diploma or higher qualification (Nos.)	1		

2. Water Supply System

Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater,	Overhead tanks (Nos.)	1
Production tube well		Total capacity (m ³)	840
PTW (Nos.)	4	Distribution network (km):	36,509
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	120
Ave. depth (m)	120	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	63	Production wells	Decrease of production capacity
Ave. current capacity per unit (m ³ /hrs)	40	Pump	Due to low voltage physical damage has occurred
Ave. production hours, Summer (hrs/day)	10	Treatment plant	Frequent clogging
Total production, Summer (m ³ /day)	1,590	Pipeline	Some pipes are very old
Treatment plants (Nos.)		Customer water meter	
AIRP	0	House connection	
IRP	2	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	Yes
Plants not in operation	0	Annual leakages (Nos.)	120
Production of plant	0	Leakage detection activity	No
Total capacity (m ³ /hrs)	71		
Production hours, Summer (hrs/day)	14		
Total production (m ³ /day)	994		

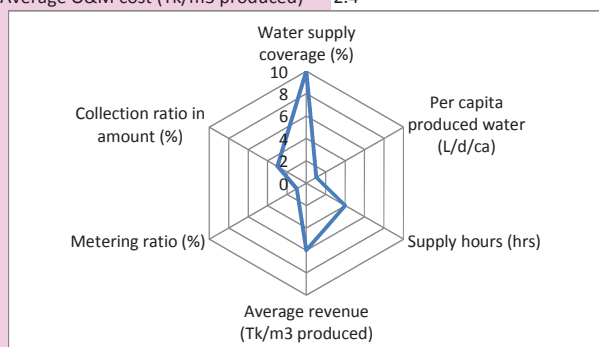
126

A. Pourashava Profile

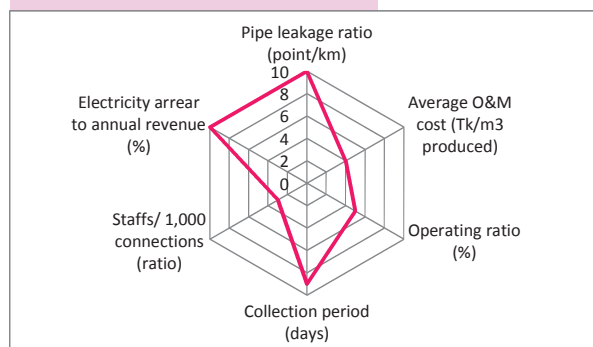
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	6.74
District	Kishorganj	Water sealed slab latrine (%)	70.12
Year established	1869	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Mob : 01727152052	Technical staff (Nos.)	12
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	114,000	Annual budget (Tk)	372,832,460
Nos. of households (FY2010/2011)	21,923	Revenue (Tk)	311,504,095
Literacy (%)	55	Expenditure (Tk)	272,573,740
Land area (km ²)	10	Computerization	Holding tax management, , , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	314	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	61	Metering ratio (%)	0
Per capita produced water (L/d/ca)	32	Operating ratio (%)	66
Supply Hour (Hrs)	5	Collection ratio in amount (%)	67
Non-revenue water (NRW) (%)	15	Collection period (days)	283
Pipe leakage ratio (point/km)	12	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	3.7	Electricity arrear to annual revenue (%)	168
Average O&M cost (Tk/m ³ produced)	2.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1968	Chlorination points (Nos.)	
Piped system introduced (year)	1968	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	19	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	2,260
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	2
		Total capacity (m ³)	1,362
		Distribution network (km):	25,000
		Leakages in distribution (Nos.)	300
		(3) O&M Problems	
		Production wells	Ground water level declination
		Pump	Pump burns due to voltage fluctuation, decreasing pump capacity
		Treatment plant	-
		Pipeline	Leakage, the diameter of pipes reduces due to the effect of iron
		Customer water meter	-
		House connection	No problem
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	Yes
		Annual leakages (Nos.)	300
		Leakage detection activity	No

2. Water Supply System

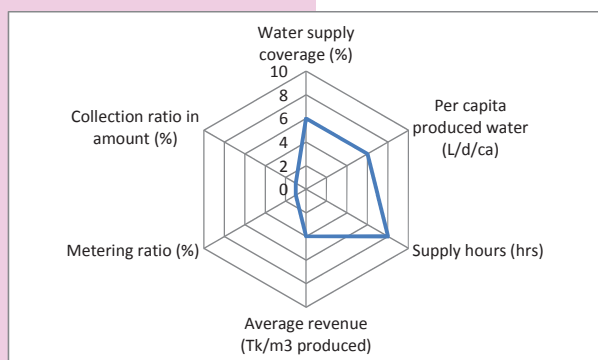
Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	6
PTW not in operation (Nos.)	0
Ave. depth (m)	101
Capacity at commission (m ³ /hrs)	87
Ave. current capacity per unit (m ³ /hrs)	75
Ave. production hours, Summer (hrs/day)	5
Total production, Summer (m ³ /day)	2,260
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

A. Pourashava Profile

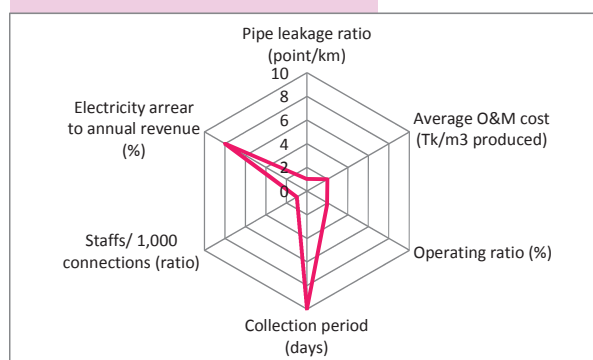
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	45
District	Kurigram	Water sealed slab latrine (%)	25
Year established	1972	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0581-61357 Fax : 0581-61357	Technical staff (Nos.)	13
E-mail	gautom_urp@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	75,010	Annual budget (Tk)	210,830,825
Nos. of households (FY2010/2011)	10,331	Revenue (Tk)	37,304,212
Literacy (%)	69	Expenditure (Tk)	34,407,172
Land area (km ²)	27	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	15	Committee formed	
Residential area pop. density (persons/ha)	50	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	85	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	33	Metering ratio (%)	0
Per capita produced water (L/d/ca)	123	Operating ratio (%)	64
Supply Hour (Hrs)	8	Collection ratio in amount (%)	40
Non-revenue water (NRW) (%)	18	Collection period (days)	552
Pipe leakage ratio (point/km)	0.4	Staffs/ 1,000 connections (ratio)	4
Average revenue (Tk/m ³ produced)	2.1	Electricity arrear to annual revenue (%)	70
Average O&M cost (Tk/m ³ produced)	1.3		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1990
Piped system introduced (year)	1985
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	4
PTW not in operation (Nos.)	0
Ave. depth (m)	91
Capacity at commission (m ³ /hrs)	113
Ave. current capacity per unit (m ³ /hrs)	93
Ave. production hours, Summer (hrs/day)	8
Total production, Summer (m ³ /day)	3,080
Treatment plants (Nos.)	
AIRP	0
IRP	2
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	300
Production hours, Summer (hrs/day)	12
Total production (m ³ /day)	3,600

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	2
Surface WTP	-
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	3,080

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	1,044
Distribution network (km):	34,400
Leakages in distribution (Nos.)	15

(3) O&M Problems

Production wells	Decrease of production capacity.
Pump	Voltage fluctuation motor barring.
Treatment plant	- Filter clogging - Frequent backwashing
Pipeline	
Customer water meter	
House connection	
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	15
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	2,000
Rehabilitation			Tariff adopted year	1990
Production tube well	No		Tariff setting policy	, Operation cost recovery (O&M costs),
Treatment plant	No			''''
Distribution network	Yes		7. Water Quality Monitoring	
Expansion			Water quality monitoring plan	No
Production tube well	Yes		Parameters checked	-
Treatment plant	Yes		Frequency of quality test	-
Distribution network	Yes		Nos. of sampling location /year	-
4. Customer Service (Service indicators)			Water quality problems	Iron
Coverage area (km ²)	9		8. Problems and Priority Needs	
Population served (people)	25,000		Major 3 problems	
Service connections (Nos.)	1,865			(1) Low coverage
Domestic	1,713			
Public tap/ stand pipe	30			(2) Less financial resources
Public institutions	0			
Commercial & industrial	122			(3) In sufficient technical capacity
Others	0			
Total	1,865			
Metered connections (Nos.)	0		Major 3 priority needs	
Applications outstanding (Nos.)	150			(1) Increase of production capacity
New connections in 2010/2011 (Nos.)	15			
Average waiting time (days)	3			(2) Expansion and replacement of network
Water pressure at the end of network	, , Low,			(3) Treatment plant
Continuity of service (hrs/day)	8			
Customer with 24 hrs supply (%)	0			
Annual complaints (Nos.)	25-30		9. Past and On-going Projects and Training	
Major complaints			(1) Past 10 years projects	
	(1) Low water pressure in pipe lines.		Name	-
	(2) Lack of 24 hours supply		Period	-
	(3) Low coverage area		Funding agency	-
5. Financial Information (FY2010/11)			Executing agency	-
Annual budget (Tk)	2,157,131		(2) Past 10 years projects	-
Annual revenue (Tk)	2,315,764		Name	-
Annual expenditure (Tk)	1,408,988		Period	-
Annual O&M Costs (Tk)	1,488,068		Funding agency	-
Annual billings (Tk)	5,817,908		Executing agency	-
Annual collections (Tk)	2,315,764		On-going projects	-
Water arrears (Tk)	3,502,144		Name	-
Electricity arrears (Tk)	1,625,000		Period	37 district towns water supply project
Payment methods	, Bank		Funding agency	2010-12
Self-billing	No		Executing agency	GOB
Billing frequency	Monthly		Training	DPHE
6. Water Tariff and Metering (See Tariff Database)			Nos. of training	0
Tariff Structure	Based on pipe size		Nos. of Staff	2
Domestic 13 mm (1/2") (Tk/month)	100		Name of training (1)	Basic computer training
Non-domestic lowest (Tk/month)	200		Name of training (2)	Billing system
Lowest volumetric charge (Tk/m ³)	0		Name of training (3)	-
D. Non-Piped Water Supply Area				
1. Necessity of Piped Water Supply			Main treatment method in domestic	None, , ,
Necessity of			As contaminated wells (Nos.)	No data
Piped water	Yes		Arsenic contaminated water supply (%)	No data
Water meter	Yes		Unhygienic drinking water (%)	No data
Reasons	- To save water and NRW - To collect the actual water bill, etc.		% of people using neighbor's well for drinking	30
			Problems in non-piped water supply area	Iron,
Affordability (answered by pourashava staff)	0		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	8,000		Potential water sources	Evaluation
Affordability for piped water (Tk/month)	100		Shallow well	None
Affordable price in total household income (%)	13		Deep well	None
2. Exiting Water Sources in Non-Piped Water Supply Area			Surface water sources	High
Source	Nos. of source	Drinking (%)	Other sources	FALSE
River	1	0		0
Shallow well	3,200	100	Decrease of ground water level	
Deep well	0	0	Shallow well (m/year)	0.0
Ponds	0	0	Deep well (m/year)	0.0
Other sources	#VALUE!	0		

A. Pourashava Profile

Class	B	Sanitation coverage	0
Division	Dhaka	Latrine with septic tank (%)	20
District	Gopalganj	Water sealed slab latrine (%)	75
Year established	1997	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	026657267; 01741105650	Technical staff (Nos.)	8
E-mail	mayor_kotalipara@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	6,874	Annual budget (Tk)	4,620,641
Nos. of households (FY2010/2011)	1,645	Revenue (Tk)	3,033,283
Literacy (%)	85	Expenditure (Tk)	2,558,750
Land area (km ²)	2	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	1	Committee formed	
Residential area pop. density (persons/ha)	111	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	10		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	51	Metering ratio (%)	0
Per capita produced water (L/d/ca)	195	Operating ratio (%)	94
Supply Hour (Hrs)	3	Collection ratio in amount (%)	103
Non-revenue water (NRW) (%)	-	Collection period (days)	158
Pipe leakage ratio (point/km)	4	Staffs/ 1,000 connections (ratio)	12
Average revenue (Tk/m ³ produced)	4.2	Electricity arrear to annual revenue (%)	41
Average O&M cost (Tk/m ³ produced)	3.9		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2005
Piped system introduced (year)	2001
Pourashava responsibility	O&M, ,
Computerization/Automation	, Billing, Accounting, , Pumping, ,
Staff in water section (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	252
Capacity at commission (m ³ /hrs)	68
Ave. current capacity per unit (m ³ /hrs)	68
Ave. production hours, Summer (hrs/day)	5
Total production, Summer (m ³ /day)	682
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	2
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	682

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	680
Distribution network (km):	15,000
Leakages in distribution (Nos.)	60

(3) O&M Problems

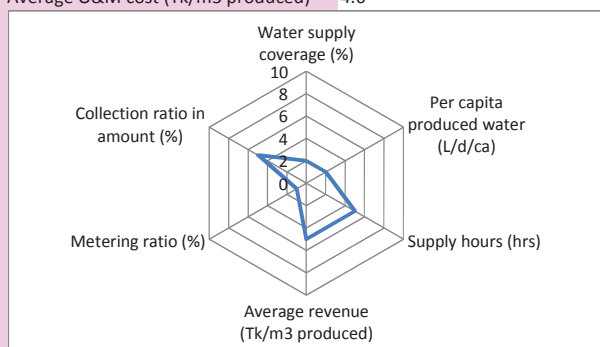
Production wells	-
Pump	Old & Damaged
Treatment plant	-
Pipeline	Leakage, Fittings, Dresser, Tee
Customer water meter	-
House connection	Joint
O&M manuals (Nos.)	2
O&M assistance form DPHE	No
Annual leakages (Nos.)	60
Leakage detection activity	Yes

A. Pourashava Profile

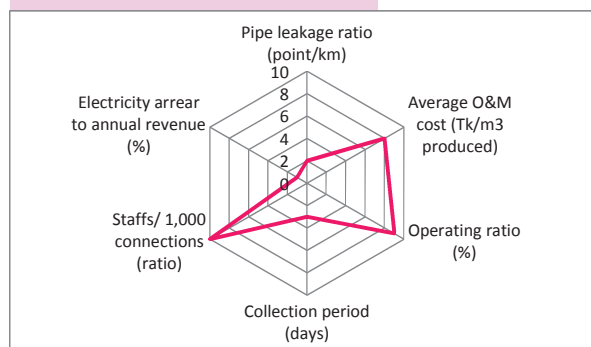
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	30
District	Comilla	Water sealed slab latrine (%)	25
Year established	1984	Water-related diseases	, , , , ,
Contact Tel/Fax	08032-51365, 08032-51223	Technical staff (Nos.)	9
E-mail	laksammunicipality@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	105,935	Annual budget (Tk)	203,062,417
Nos. of households (FY2010/2011)	12,058	Revenue (Tk)	21,394,353
Literacy (%)	64	Expenditure (Tk)	18,481,449
Land area (km ²)	19	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, , Procurement,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	182	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	13	Metering ratio (%)	0
Per capita produced water (L/d/ca)	52	Operating ratio (%)	145
Supply Hour (Hrs)	6	Collection ratio in amount (%)	76
Non-revenue water (NRW) (%)	18.75	Collection period (days)	58
Pipe leakage ratio (point/km)	0.7	Staffs/ 1,000 connections (ratio)	21
Average revenue (Tk/m ³ produced)	3.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	4.6		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2003	Chlorination points (Nos.)	
Piped system introduced (year)	2003	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, Asset management, , ,	Surface WTP	0
Staff in water section (Nos.)	7	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	699

2. Water Supply System

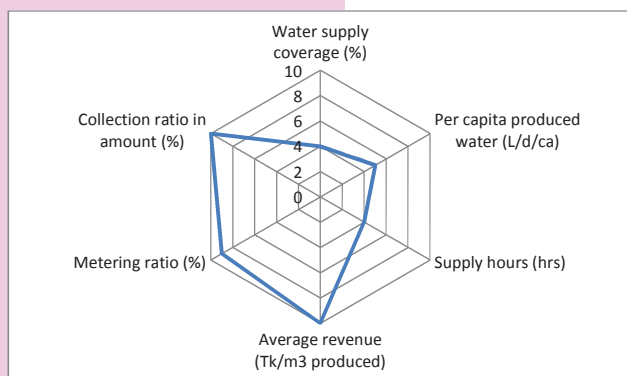
Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater,	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	4	Distribution network (km):	19,560
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	14
Ave. depth (m)	79	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	41	Production wells	Excess iron content
Ave. current capacity per unit (m ³ /hrs)	37	Pump	Defect of pumps
Ave. production hours, Summer (hrs/day)	6	Treatment plant	N
Total production, Summer (m ³ /day)	699	Pipeline	Leakage of pipeline
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	No water reservoir
IRP	0	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	14
Production of plant	0	Leakage detection activity	No
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

A. Pourashava Profile

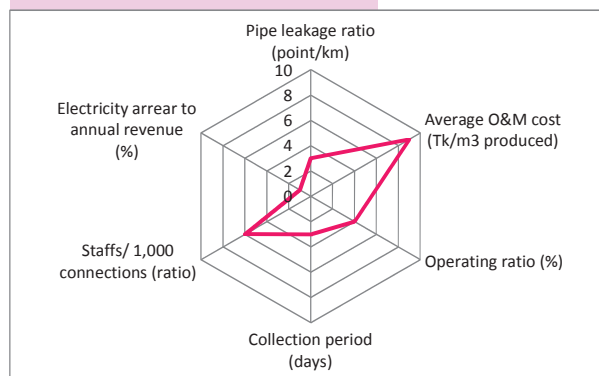
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	8
District	Lakshmipur	Water sealed slab latrine (%)	60
Year established	1976	Water-related diseases	, , , ,
Contact Tel/Fax	038155, 038155606	Technical staff (Nos.)	5
E-mail	shamsuudin1@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	150,218	Annual budget (Tk)	124,822,576
Nos. of households (FY2010/2011)	15,312	Revenue (Tk)	64,732,346
Literacy (%)	62	Expenditure (Tk)	60,105,388
Land area (km ²)	20	Computerization	Holding tax management, Accounting, , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	193	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	65	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	8		
Winter	8		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	21	Metering ratio (%)	58
Per capita produced water (L/d/ca)	95	Operating ratio (%)	84
Supply Hour (Hrs)	5	Collection ratio in amount (%)	100
Non-revenue water (NRW) (%)	25	Collection period (days)	54
Pipe leakage ratio (point/km)	1	Staffs/ 1,000 connections (ratio)	9
Average revenue (Tk/m ³ produced)	12.8	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	10.8		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1995
Piped system introduced (year)	1995
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	42
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	5
PTW not in operation (Nos.)	0
Ave. depth (m)	297
Capacity at commission (m ³ /hrs)	104
Ave. current capacity per unit (m ³ /hrs)	73
Ave. production hours, Summer (hrs/day)	8
Total production, Summer (m ³ /day)	3,002
Treatment plants (Nos.)	
AIRP	0
IRP	2
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	400
Production hours, Summer (hrs/day)	8
Total production (m ³ /day)	3,200

Chlorination points (Nos.)	
PTW	3
IRP/AIRP	2
Surface WTP	-
Bulk flow meters (Nos.)	3
Bulk flow meter readings (Nos.)	3
Total production, Summer (m ³ /day)	3,002

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	800
Distribution network (km):	40,000
Leakages in distribution (Nos.)	38

(3) O&M Problems

Production wells	
Pump	Shaft displaced,
Treatment plant	Change of filter sand (2-3 years) Electrical faults
Pipeline	Wash out xxx and leakage
Customer water meter	Repairing of water meter
House connection	
O&M manuals (Nos.)	3
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	38
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)		4,000	
Rehabilitation				Tariff adopted year		Jul, 2011	
Production tube well		Yes		Tariff setting policy		, Operation cost recovery (O&M costs), , People's affordability to pay, ,	
Treatment plant		Yes					
Distribution network		Yes		7. Water Quality Monitoring			
Expansion				Water quality monitoring plan		Yes	
Production tube well		Yes		Parameters checked		Fe, biological	
Treatment plant		Yes		Frequency of quality test		1 week	
Distribution network		Yes		Nos. of sampling location /year		12	
4. Customer Service (Service indicators)				Water quality problems		Not cleaning tank so that bacteria found.	
Coverage area (km ²)		5					
Population served (people)		31,570					
Service connections (Nos.)		4,510					
Domestic		3,571					
Public tap/ stand pipe		12		(1)		Low coverage	
Public institutions		35		(2)		Less financial resources	
Commercial & industrial		104		(3)		Low treatment plant technology	
Others		788					
Total		4,510					
Metered connections (Nos.)		2,612					
Applications outstanding (Nos.)		2,500					
New connections in 2010/2011 (Nos.)		38		(1)		24-hour supply	
Average waiting time (days)		5					
Water pressure at the end of network		, , , Almost Nil		(2)		Increase of production capacity	
Continuity of service (hrs/day)		5					
Customer with 24 hrs supply (%)		0		(3)		Improvement of water quality	
Annual complaints (Nos.)		42					
Major complaints		(1) No supply available in some areas f the network in summer season.					
		(2) Water tariff is high					
		(3) To ensure 24 hours electricity, supply for good water service					
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training			
Annual budget (Tk)		124,822,576		(1) Past 10 years projects			
Annual revenue (Tk)		14,073,746		Name		-	
Annual expenditure (Tk)		13,887,388		Period		-	
Annual O&M Costs (Tk)		11,827,488		Funding agency		-	
Annual billings (Tk)		10,745,565		Executing agency		-	
Annual collections (Tk)		10,716,927		(2) Past 10 years projects			
Water arrears (Tk)		2,084,364		Name		UGIIP	
Electricity arrears (Tk)		0		Period		UGIIP	
Payment methods		, Bank		Funding agency		2006-2007	
Self-billing		No		Executing agency		ADB-GOB	
Billing frequency		Monthly		On-going projects		LGED-Pourashava	
6. Water Tariff and Metering (See Tariff Database)				Name		-	
Tariff Structure		Metered rate		Period		2010-2013	
Domestic 13 mm (1/2") (Tk/month)		320		Funding agency		ADB-GOB	
Non-domestic lowest (Tk/month)		700		Executing agency		DPHE	
Lowest volumetric charge (Tk/m ³)		0		Training		0	
D. Non-Piped Water Supply Area				Nos. of training		4	
1. Necessity of Piped Water Supply				Nos. of Staff		38	
Necessity of				Name of training (1)		Installation meter and meter repair	
Piped water		Yes		Name of training (2)		Installation meter and meter repair	
Water meter		Yes		Name of training (3)		Double entry accounting system	
Reasons		Save safe water?To reduce NRW					
Affordability (answered by pourashava staff)		0					
Average household income/month (Tk)		9,000		3. Potential Water Sources for Non-Piped Water Supply System			
Affordability for piped water (Tk/month)		450		Potential water sources		Evaluation	WQ problems
Affordable price in total household income (%)		5		Shallow well		N	Arsenic, bacteria problem
2. Exiting Water Sources in Non-Piped Water Supply Area				Deep well		High	Fe
Source		Nos. of source	Drinking (%)	Surface water sources		Y	No problem
River		1	0	Other sources		No	0
Shallow well		2,800	91	Decrease of ground water level			
Deep well		200	3	Shallow well (m/year)			
Ponds		600	0	Deep well (m/year)			
Other sources		0	6				

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	10
District	Bhola	Water sealed slab latrine (%)	20
Year established	1990	Water-related diseases	, , , , ,
Contact Tel/Fax	492575884	Technical staff (Nos.)	19
E-mail	lalmohanmunicipality@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	21,080	Annual budget (Tk)	37,897,000
Nos. of households (FY2010/2011)	4,325	Revenue (Tk)	19,913,058
Literacy (%)	66	Expenditure (Tk)	13,988,364
Land area (km ²)	9	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	48	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	75	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	71	Metering ratio (%)	0
Per capita produced water (L/d/ca)	60	Operating ratio (%)	80
Supply Hour (Hrs)	6	Collection ratio in amount (%)	68
Non-revenue water (NRW) (%)	-	Collection period (days)	268
Pipe leakage ratio (point/km)	1.2	Staffs/ 1,000 connections (ratio)	17
Average revenue (Tk/m ³ produced)	2.3	Electricity arrear to annual revenue (%)	17
Average O&M cost (Tk/m ³ produced)	1.9		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1997
Piped system introduced (year)	1997
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, Asset management, Pumping, ,
Staff in water section (Nos.)	8
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	5
PTW not in operation (Nos.)	3
Ave. depth (m)	298
Capacity at commission (m ³ /hrs)	84
Ave. current capacity per unit (m ³ /hrs)	75
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	900
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	2
Bulk flow meter readings (Nos.)	2
Total production, Summer (m ³ /day)	900

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	12,796
Leakages in distribution (Nos.)	15

(3) O&M Problems

Production wells	One PTW damage of strainer is out of work.
Pump	Burning of pump due to voltage troubling
Treatment plant	-
Pipeline	Leakage found in joining section
Customer water meter	-
House connection	No Problem
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	15
Leakage detection activity	Yes

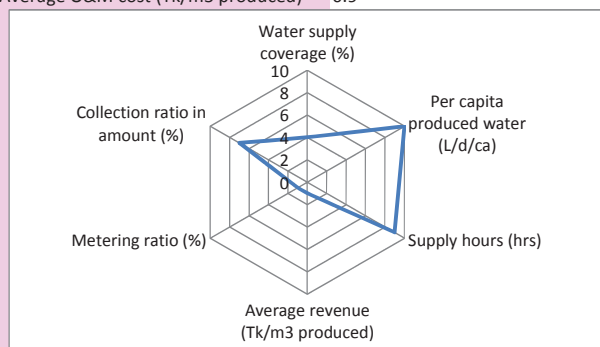
138

A. Pourashava Profile

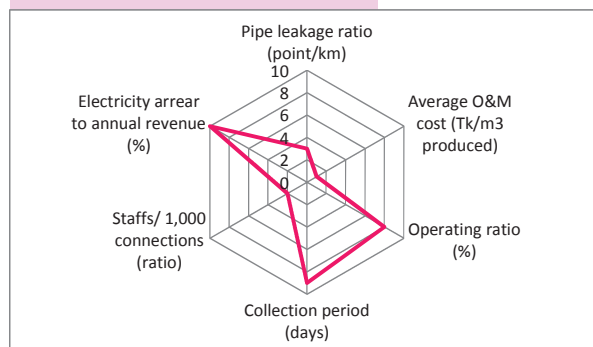
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	19
District	Lalmonirhat	Water sealed slab latrine (%)	65
Year established	1972	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0591-61396 Fax: 0591-61390	Technical staff (Nos.)	8
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	62,467	Annual budget (Tk)	161,561,368
Nos. of households (FY2010/2011)	11,991	Revenue (Tk)	25,710,788
Literacy (%)	67	Expenditure (Tk)	23,847,000
Land area (km ²)	17	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, , Procurement,
Residential area (km ²)	10	Committee formed	
Residential area pop. density (persons/ha)	62	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	85	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	24	Metering ratio (%)	0
Per capita produced water (L/d/ca)	307	Operating ratio (%)	110
Supply Hour (Hrs)	10	Collection ratio in amount (%)	86
Non-revenue water (NRW) (%)	19	Collection period (days)	269
Pipe leakage ratio (point/km)	1.1	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	0.8	Electricity arrear to annual revenue (%)	253
Average O&M cost (Tk/m ³ produced)	0.9		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2000
Piped system introduced (year)	1986
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	11
In which, staff with diploma or higher qualification (Nos.)	1

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	8
PTW not in operation (Nos.)	3
Ave. depth (m)	65
Capacity at commission (m ³ /hrs)	114
Ave. current capacity per unit (m ³ /hrs)	92
Ave. production hours, Summer (hrs/day)	10
Total production, Summer (m ³ /day)	4,600
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	4
Bulk flow meter readings (Nos.)	4
Total production, Summer (m ³ /day)	4,600

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	450
Distribution network (km):	40,000
Leakages in distribution (Nos.)	42

(3) O&M Problems

Production wells	Decrease of production capacity in few PTWs
Pump	Burning of pump motor, damage of bearing etc.
Treatment plant	-
Pipeline	Reduced of dia due to iron
Customer water meter	-
House connection	Leakage of pipe joint due to fittings damaged by iron.
O&M manuals (Nos.)	2
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	42
Leakage detection activity	Yes

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	35
District	Hobiganj	Water sealed slab latrine (%)	50
Year established	1997 (02 August)	Water-related diseases	, , , , ,
Contact Tel/Fax	08327-56115, 08327-56362	Technical staff (Nos.)	5
E-mail	madhabpur.pourashava@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	40,000	Annual budget (Tk)	41,407,990
Nos. of households (FY2010/2011)	3,305	Revenue (Tk)	13,486,139
Literacy (%)	88	Expenditure (Tk)	13,256,120
Land area (km ²)	8	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	2	Committee formed	
Residential area pop. density (persons/ha)	200	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	22		
Winter	23		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	6	Metering ratio (%)	0
Per capita produced water (L/d/ca)	75	Operating ratio (%)	just operation started
Supply Hour (Hrs)	2	Collection ratio in amount (%)	56
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	1.9	Staffs/ 1,000 connections (ratio)	9
Average revenue (Tk/m ³ produced)	just operation started	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	just operation started		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	2009	Chlorination points (Nos.)	
Piped system introduced (year)	2008	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	0
Staff in water section (Nos.)	2	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	180
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	7,000
		Leakages in distribution (Nos.)	13
		(3) O&M Problems	
		Production wells	Accumulation of iron creates a red layer within half an hour. Water production is less in the winter.
		Pump	Circuit breaker is damaged by the decline of ground water table. Pump discharged fine sand.
		Treatment plant	-
		Pipeline	Leakage problem in the joints of tee, gate valve & cross. Main reason due different pipe materials in pipe sections and joint
		Customer water meter	-
		House connection	Rusted by discharged iron.
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	13
		Leakage detection activity	Yes

2. Water Supply System

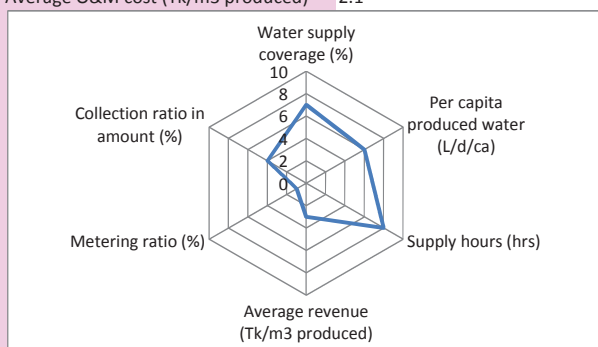
Operation of water supply facilities	In operation		
(1) Production			
Water sources for piped system	Groundwater,		
Production tube well			
PTW (Nos.)	2		
PTW not in operation (Nos.)	0		
Ave. depth (m)	156		
Capacity at commission (m ³ /hrs)	55		
Ave. current capacity per unit (m ³ /hrs)	45		
Ave. production hours, Summer (hrs/day)	2		
Total production, Summer (m ³ /day)	180		
Treatment plants (Nos.)			
AIRP	0		
IRP	0		
Surface water treatment plants	0		
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

A. Pourashava Profile

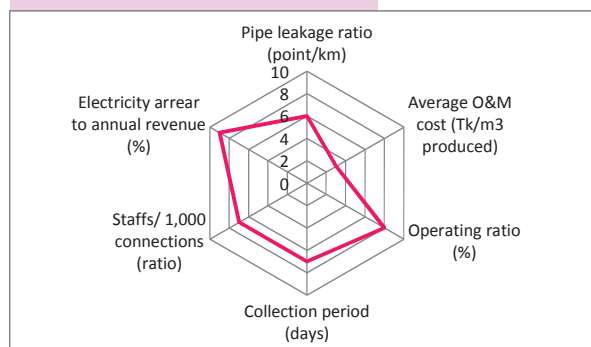
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	45
District	Magura	Water sealed slab latrine (%)	35
Year established	1972	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0488-62290	Technical staff (Nos.)	18
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	114,746	Annual budget (Tk)	854,764,528
Nos. of households (FY2010/2011)	16,423	Revenue (Tk)	64,889,528
Literacy (%)	95	Expenditure (Tk)	53,192,178
Land area (km ²)	44	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	20	Committee formed	
Residential area pop. density (persons/ha)	57	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	56	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	0
Per capita produced water (L/d/ca)	128	Operating ratio (%)	109
Supply Hour (Hrs)	8	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	10	Collection period (days)	209
Pipe leakage ratio (point/km)	2.8	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m ³ produced)	2	Electricity arrear to annual revenue (%)	91
Average O&M cost (Tk/m ³ produced)	2.1		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1991
Piped system introduced (year)	1983
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	37
In which, staff with diploma or higher qualification (Nos.)	3

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	9
PTW not in operation (Nos.)	1
Ave. depth (m)	Do not know
Capacity at commission (m ³ /hrs)	86
Ave. current capacity per unit (m ³ /hrs)	80
Ave. production hours, Summer (hrs/day)	9
Total production, Summer (m ³ /day)	5,865
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	4
Bulk flow meter readings (Nos.)	4
Total production, Summer (m ³ /day)	5,865

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	0
Total capacity (m ³)	0
Distribution network (km):	57,000
Leakages in distribution (Nos.)	160

(3) O&M Problems

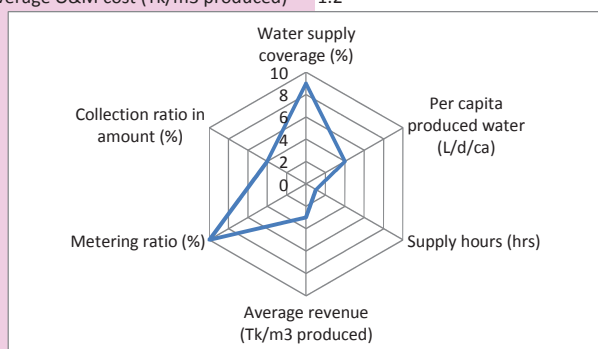
Production wells	Decrease of production capacity 1, 2, 3 no. wells.
Pump	Burning of pump motor due to voltage fluctuation.
Treatment plant	-
Pipeline	About 50 mm piped line not supply to cover the area.
Customer water meter	-
House connection	Leakage from fittings & joint by iron
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	160
Leakage detection activity	Yes

A. Pourashava Profile

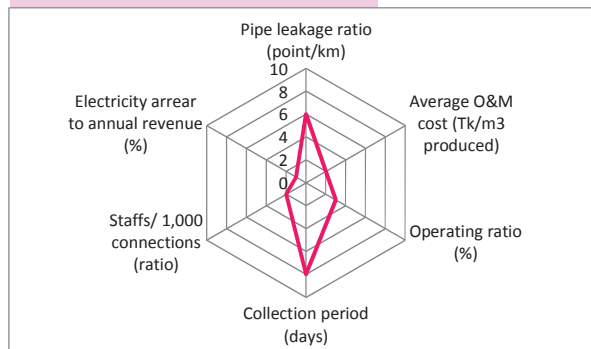
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	48.5
District	Madaripur	Water sealed slab latrine (%)	21
Year established	04/1875	Water-related diseases	Arsenicosis, Diarrhea, , Typhoid, Dysentery, ,
Contact Tel/Fax	0661-618840661-62244	Technical staff (Nos.)	6
E-mail	madaripur_pourashava@yahoo.comwww.	Financial statements (2010/2011)	
Population (FY2010/2011)	112,500	Annual budget (Tk)	54,257,195
Nos. of households (FY2010/2011)	26,118	Revenue (Tk)	32,634,602
Literacy (%)	62	Expenditure (Tk)	30,243,759
Land area (km ²)	14	Computerization	Holding tax management, Accounting, , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	4		
Residential area pop. density (persons/ha)	300	Committee formed	
Electricity coverage (%)	38	TLCC /Frequency of meeting	Yes, 3 months
Electricity availability (hrs)		WATSAN/Frequency of meeting	Yes, 2-4 months
Summer	16		
Winter	19		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	49	Metering ratio (%)	84
Per capita produced water (L/d/ca)	78	Operating ratio (%)	68
Supply Hour (Hrs)	2	Collection ratio in amount (%)	71
Non-revenue water (NRW) (%)	5-10	Collection period (days)	210
Pipe leakage ratio (point/km)	2.9	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	1.8	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	1.2		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1994
Piped system introduced (year)	1968
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	15
In which, staff with diploma or higher qualification (Nos.)	2

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	7
PTW not in operation (Nos.)	0
Ave. depth (m)	212
Capacity at commission (m ³ /hrs)	Do not know
Ave. current capacity per unit (m ³ /hrs)	31
Ave. production hours, Summer (hrs/day)	20
Total production, Summer (m ³ /day)	4,300
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	7
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	4,300

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	1,130
Distribution network (km):	34,300
Leakages in distribution (Nos.)	100

(3) O&M Problems

Production wells	Sand stacking in low filter (strainer) pipe
Pump	Low voltage & disruption of electricity, Major parts is destroyed
Treatment plant	-
Pipeline	Leakage
Customer water meter	Iron sludge, stop the meter
House connection	Leakage on the connection point to main distribution pipe
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	100
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)		1,000
Rehabilitation			Tariff adopted year		2011
Production tube well		Yes	Tariff setting policy		, Operation cost recovery (O&M costs), , People's affordability to pay, Ensuring water supply for socially vulnerable people,
Treatment plant		No	7. Water Quality Monitoring		
Distribution network		No	Water quality monitoring plan		No
Expansion			Parameters checked		-
Production tube well		Yes	Frequency of quality test		-
Treatment plant		Yes	Nos. of sampling location /year		-
Distribution network		Yes	Water quality problems		Saline, Fe, As
4. Customer Service (Service indicators)			8. Problems and Priority Needs		
Coverage area (km ²)		6	Major 3 problems		(1) Low efficiency of production tube well
Population served (people)		55,000			(2) Electricity disruption
Service connections (Nos.)		2,534			
Domestic		2,493			
Public tap/ stand pipe		12			
Public institutions		0			(3) Insufficient technical and managerial capacity
Commercial & industrial		29			
Others		0			
Total		2,534			
Metered connections (Nos.)		2,138	Major 3 priority needs		(1) Increase of water pressure
Applications outstanding (Nos.)		0			
New connections in 2010/2011 (Nos.)		0			(2) Production well and pump
Average waiting time (days)		0			
Water pressure at the end of network		, , Low,			(3) Increase of tariff rates to cover O&M costs
Continuity of service (hrs/day)		2			
Customer with 24 hrs supply (%)		0			
Annual complaints (Nos.)		775			
Major complaints		(1) Water pressure	9. Past and On-going Projects and Training		
		(2) Full time supply	(1) Past 10 years projects		
		(3) Good Quality	Name		-
			Period		-
			Funding agency		-
			Executing agency		-
			(2) Past 10 years projects		-
			Name		-
			Period		-
			Funding agency		-
			Executing agency		-
			On-going projects		-
			Name		-
			Period		Secondary town water supply and sanitation sector project
			Funding agency		2010-2011, 2011-2012
			Executing agency		ADB
			Training		DPHE
			Nos. of training		-
			Nos. of Staff		3
			Name of training (1)		6
			Name of training (2)		Billing software
			Name of training (3)		Meter reading and O&M of water meter
					Double entry account system
D. Non-Piped Water Supply Area					
1. Necessity of Piped Water Supply			Main treatment method in domestic		
Necessity of Piped water		Yes	As contaminated wells (Nos.)		, Boiling, , Filtration
Water meter		Yes	Arsenic contaminated water supply (%)		0
Reasons		As people are paying fixed rate i.e. people motivation is required for meter payment	Unhygienic drinking water (%)		0
			% of people using neighbor's well for drinking		30
			Problems in non-piped water supply area		Insufficient drinkable water source,
			3. Potential Water Sources for Non-Piped Water Supply System		
Affordability (answered by pourashava staff)			Potential water sources		<u>Evaluation</u>
Average household income/month (Tk)			Shallow well		<u>WQ problems</u>
Affordability for piped water (Tk/month)			Deep well		-
Affordable price in total household income (%)			Surface water sources		High
			Other sources		High
					No
2. Exiting Water Sources in Non-Piped Water Supply Area			Decrease of ground water level		-
Source		Nos. of source	Drinking (%)	Domestic (%)	Shallow well (m/year)
River		4	0	0	Deep well (m/year)
Shallow well		14,000	0	20	
Deep well		7,800	100	60	
Ponds		40	0	20	
Other sources		0	0	0	

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	75
District	Manikganj	Water sealed slab latrine (%)	0
Year established	1958	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	02-7710403/7710572/771081302-7711080	Technical staff (Nos.)	12
E-mail	manikganj_municipality@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	200,000	Annual budget (Tk)	144,481,092
Nos. of households (FY2010/2011)	12,500	Revenue (Tk)	57,512,500
Literacy (%)	79	Expenditure (Tk)	46,662,972
Land area (km ²)	42	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	No data	Committee formed	
Residential area pop. density (persons/ha)	No data	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	85	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	21		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	30	Metering ratio (%)	39
Per capita produced water (L/d/ca)	145	Operating ratio (%)	86
Supply Hour (Hrs)	1.5	Collection ratio in amount (%)	70
Non-revenue water (NRW) (%)	30	Collection period (days)	-
Pipe leakage ratio (point/km)	4.7	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	2.9	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	2.5		

Overall performance of Positive Pls

Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1993	Chlorination points (Nos.)	
Piped system introduced (year)	1979	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	1
Computerization/Automation	, Billing, , , , Manual for water meter	Surface WTP	0
Staff in water section (Nos.)	38	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	7	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	8,700
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	1
		Total capacity (m ³)	450
		Distribution network (km):	86,000
		Leakages in distribution (Nos.)	400
		(3) O&M Problems	
		Production wells	Iron + Block filter Draw down
		Pump	Vertical pump Iron
		Treatment plant	Valve, maintenance
		Pipeline	cleaning problem, no wash out
		Customer water meter	Partly stolen, blockage
		House connection	wastage, no maintenance, contamination of water
		O&M manuals (Nos.)	3
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	400
		Leakage detection activity	Yes

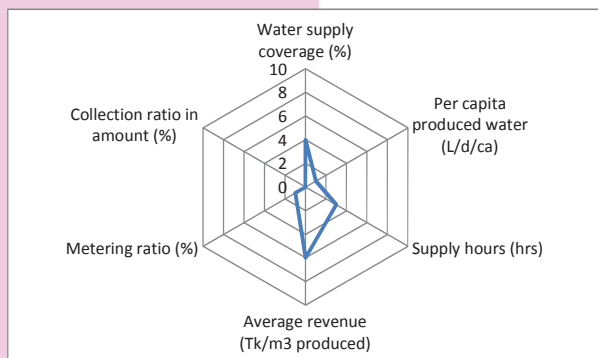
2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	6
PTW not in operation (Nos.)	0
Ave. depth (m)	98
Capacity at commission (m ³ /hrs)	112
Ave. current capacity per unit (m ³ /hrs)	97
Ave. production hours, Summer (hrs/day)	15
Total production, Summer (m ³ /day)	8,700
Treatment plants (Nos.)	
AIRP	1
IRP	1
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	250
Production hours, Summer (hrs/day)	20
Total production (m ³ /day)	5,000

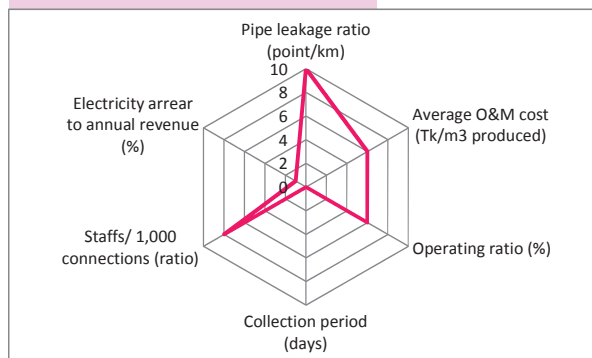
148

Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	60
District	Chandpur	Water sealed slab latrine (%)	20
Year established	27.03.1998	Water-related diseases	, , , , ,
Contact Tel/Fax	08426-56152		
E-mail		Technical staff (Nos.)	5
Population (FY2010/2011)	70,840	Financial statements (2010/2011)	
Nos. of households (FY2010/2011)	13,000	Annual budget (Tk)	38,158,718
Literacy (%)	65	Revenue (Tk)	9,857,252
Land area (km ²)	41	Expenditure (Tk)	9,173,425
Residential area (km ²)	12	Computerization	, , , , , , , ,
Residential area pop. density (persons/ha)	58		
Electricity coverage (%)	70		
Electricity availability (hrs)		Committee formed	
Summer	6	TLCC/Frequency of meeting	Yes, Irregular
Winter	16	WATSAN/Frequency of meeting	No

Water supply coverage (%)	24	Metering ratio (%)	0
Per capita produced water (L/d/ca)	29	Operating ratio (%)	98
Supply Hour (Hrs)	4	Collection ratio in amount (%)	No data
Non-revenue water (NRW) (%)	-	Collection period (days)	No data
Pipe leakage ratio (point/km)	12.7	Staffs/ 1,000 connections (ratio)	12
Average revenue (Tk/m3 produced)	3.5	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m3 produced)	3.4		



Overall performance of Positive PIs



Overall performance of Negative PIs

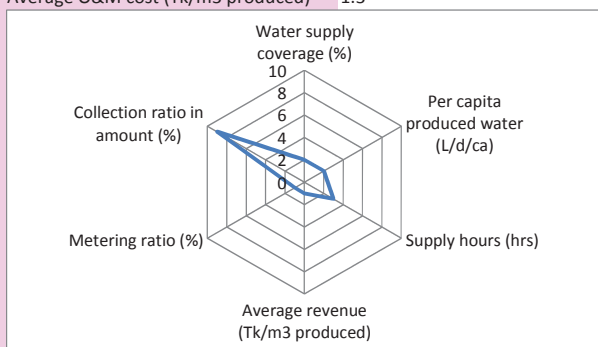
1. General Information of Water Supply Section		Chlorination points (Nos.)	
Water section established (year)	2007	PTW	-
Piped system introduced (year)	2007	IRP/AIRP	-
Pourashava responsibility	O&M, ,	Surface WTP	0
		Bulk flow meters (Nos.)	0
Computerization/Automation	None, , , , ,	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	500
Staff in water section (Nos.)	4	(2) Distribution	
In which, staff with diploma or higher qualification (Nos.)	1	Overhead tank	0
2. Water Supply System		Overhead tanks (Nos.)	1
Operation of water supply facilities	In operation	Total capacity (m ³)	500
(1) Production		Distribution network (km):	7,900
Water sources for piped system	, River	Leakages in distribution (Nos.)	100
Production tube well		(3) O&M Problems	
PTW (Nos.)	0	Production wells	
PTW not in operation (Nos.)	0		
Ave. depth (m)	0	Pump	Starter and non return valve problem
Capacity at commission (m ³ /hrs)	0		
Ave. current capacity per unit (m ³ /hrs)	0	Treatment plant	No problem
Ave. production hours, Summer (hrs/day)	0		
Total production, Summer (m ³ /day)	0	Pipeline	Leakage
Treatment plants (Nos.)			
AIRP	0	Customer water meter	
IRP	0		
Surface water treatment plants	1	House connection	Leakage
Plants not in operation	0		
Production of plant	0	O&M manuals (Nos.)	0
Total capacity (m ³ /hrs)	500	O&M assistance form DPHE	No
Production hours, Summer (hrs/day)	1	Annual leakages (Nos.)	100
Total production (m ³ /day)	500	Leakage detection activity	No

A. Pourashava Profile

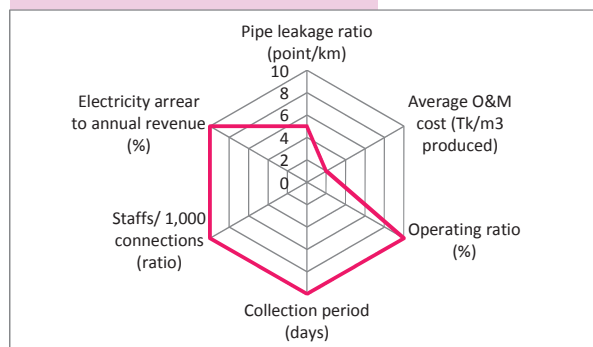
Class	B	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	25
District	Barisal	Water sealed slab latrine (%)	60
Year established	15.10.1998	Water-related diseases	, , , , ,
Contact Tel/Fax	0432556106, Fax:0432556261	Technical staff (Nos.)	4
E-mail	sahidpu@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	32,767	Annual budget (Tk)	9,480,748
Nos. of households (FY2010/2011)	6,250	Revenue (Tk)	6,832,287
Literacy (%)	70	Expenditure (Tk)	4,664,769
Land area (km ²)	15	Computerization	, , , , , Rate schedule and estimate preparation, Yearly logical budget preparation, Procurement,
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	73	TLCC /Frequency of meeting	No
Electricity coverage (%)	42	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	8		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	9	Metering ratio (%)	0
Per capita produced water (L/d/ca)	53	Operating ratio (%)	351
Supply Hour (Hrs)	4	Collection ratio in amount (%)	94
Non-revenue water (NRW) (%)	-	Collection period (days)	1,219
Pipe leakage ratio (point/km)	2.1	Staffs/ 1,000 connections (ratio)	22
Average revenue (Tk/m ³ produced)	0.4	Electricity arrear to annual revenue (%)	636
Average O&M cost (Tk/m ³ produced)	1.3		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	1985	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	4	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	160
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	5,613
		Leakages in distribution (Nos.)	12
		(3) O&M Problems	
		Production wells	Electricity, Flooding, Decrease of production capacity.
		Pump	Burning of pump motor due to voltage fluctuation.
		Treatment plant	
		Pipeline	Leakage
		Customer water meter	-
		House connection	Leakage from fitting and clogging
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	12
		Leakage detection activity	Yes

2. Water Supply System

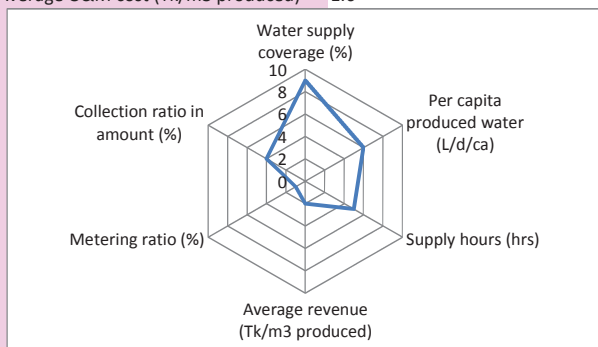
Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	380
Capacity at commission (m ³ /hrs)	45
Ave. current capacity per unit (m ³ /hrs)	40
Ave. production hours, Summer (hrs/day)	2
Total production, Summer (m ³ /day)	160
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

A. Pourashava Profile

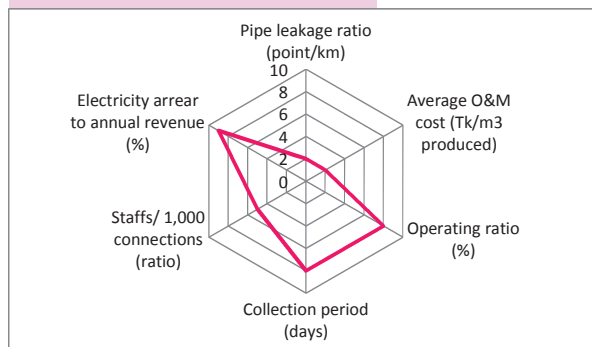
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	45
District	Jhenaidah	Water sealed slab latrine (%)	40
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 04525-56206	Technical staff (Nos.)	11
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	38,730	Annual budget (Tk)	89,381,181
Nos. of households (FY2010/2011)	6,325	Revenue (Tk)	27,003,793
Literacy (%)	85	Expenditure (Tk)	20,218,138
Land area (km ²)	21	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, , ,
Residential area (km ²)	10	Committee formed	
Residential area pop. density (persons/ha)	38	TLCC /Frequency of meeting	Yes, 3 month
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	44	Metering ratio (%)	0
Per capita produced water (L/d/ca)	99	Operating ratio (%)	126
Supply Hour (Hrs)	6	Collection ratio in amount (%)	71
Non-revenue water (NRW) (%)	10	Collection period (days)	237
Pipe leakage ratio (point/km)	0.6	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	1.3	Electricity arrear to annual revenue (%)	80
Average O&M cost (Tk/m ³ produced)	1.6		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section

Water section established (year)	1997	Chlorination points (Nos.)	
Piped system introduced (year)	1996	PTW	3
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	0
Staff in water section (Nos.)	9	Bulk flow meters (Nos.)	2
In which, staff with diploma or higher qualification (Nos.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	1,680

2. Water Supply System

Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater,	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	3	Distribution network (km):	16,330
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	10
Ave. depth (m)	479	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	97	Production wells	No problem
Ave. current capacity per unit (m ³ /hrs)	93	Pump	Voltage fluctuation and the turbine pump not to use properly.
Ave. production hours, Summer (hrs/day)	6	Treatment plant	-
Total production, Summer (m ³ /day)	1,680	Pipeline	Leakage due to joint failure
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Pipe jumped due to heavy iron
IRP	0	O&M manuals (Nos.)	3
Surface water treatment plants	0	O&M assistance form DPHE	Yes
Plants not in operation	0	Annual leakages (Nos.)	10
Production of plant	0	Leakage detection activity	Yes
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

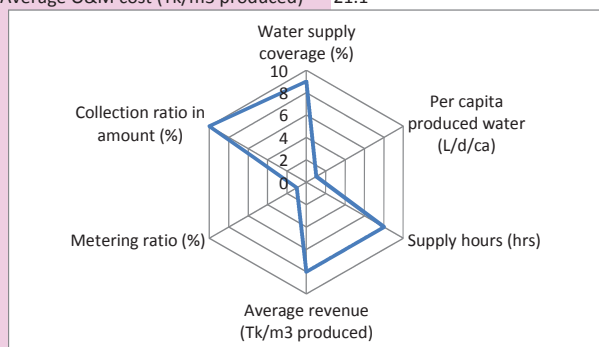
154

A. Pourashava Profile

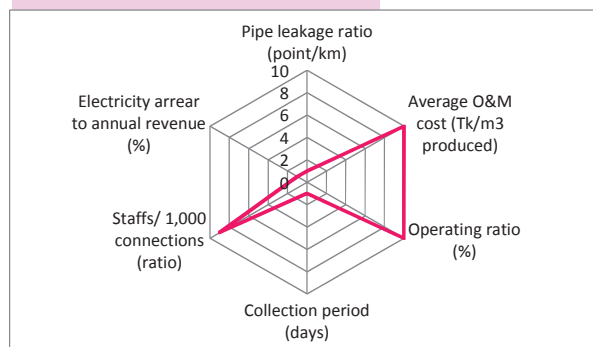
Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	5
District	Rajshahi	Water sealed slab latrine (%)	35
Year established	2002	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 07235-52014-6	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	26,000	Annual budget (Tk)	98,958,676
Nos. of households (FY2010/2011)	6,087	Revenue (Tk)	16,408,441
Literacy (%)	59	Expenditure (Tk)	14,642,000
Land area (km ²)	31	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	11	Committee formed	
Residential area pop. density (persons/ha)	23	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	65	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	52	Metering ratio (%)	0
Per capita produced water (L/d/ca)	7	Operating ratio (%)	430
Supply Hour (Hrs)	8	Collection ratio in amount (%)	100
Non-revenue water (NRW) (%)	13.5	Collection period (days)	0
Pipe leakage ratio (point/km)	0.4	Staffs/ 1,000 connections (ratio)	15
Average revenue (Tk/m ³ produced)	4.9	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	21.1		



Overall performance of Positive Pls



Overall performance of Negative Pls

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	2010
Piped system introduced (year)	2009
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	3
In which, staff with diploma or higher qualification (Nos.)	0

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	2
PTW not in operation (Nos.)	0
Ave. depth (m)	43
Capacity at commission (m ³ /hrs)	12
Ave. current capacity per unit (m ³ /hrs)	6
Ave. production hours, Summer (hrs/day)	4
Total production, Summer (m ³ /day)	96
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	96

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	25
Distribution network (km):	74,000
Leakages in distribution (Nos.)	31

(3) O&M Problems

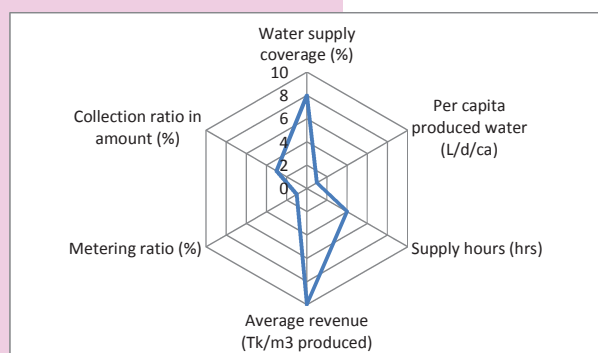
Production wells	N
Pump	Bush/bearing burn due to voltage fluctuation
Treatment plant	N
Pipeline	Old 7 km (75 mm dia) are served leaks built in 2003
Customer water meter	-
House connection	Leakage
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	31
Leakage detection activity	Yes

A. Pourashava Profile

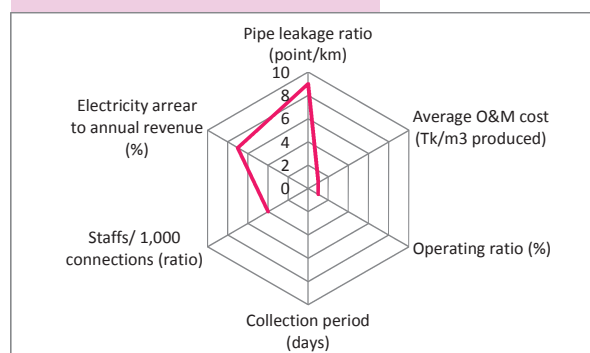
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	80
District	Munshiganj	Water sealed slab latrine (%)	10
Year established	1972	Water-related diseases	, , , , Dysentery,
Contact Tel/Fax	7611115	Technical staff (Nos.)	32
E-mail	anisurrahman@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	72,754	Annual budget (Tk)	203,757,428
Nos. of households (FY2010/2011)	9,680	Revenue (Tk)	41,567,354
Literacy (%)	70	Expenditure (Tk)	40,668,000
Land area (km ²)	11	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	120	TLCC/Frequency of meeting	Yes, Once in a year
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	41	Metering ratio (%)	0
Per capita produced water (L/d/ca)	22	Operating ratio (%)	0
Supply Hour (Hrs)	5	Collection ratio in amount (%)	59
Non-revenue water (NRW) (%)	7	Collection period (days)	-
Pipe leakage ratio (point/km)	7.3	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	12.9	Electricity arrear to annual revenue (%)	22
Average O&M cost (Tk/m ³ produced)	0		



Overall performance of Positive PIs



Overall performance of Negative PIs

C. Water Supply Profile**1. General Information of Water Supply Section**

Water section established (year)	1982
Piped system introduced (year)	1975
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	10
In which, staff with diploma or higher qualification (Nos.)	3

2. Water Supply System

Operation of water supply facilities	In operation
(1) Production	
Water sources for piped system	Groundwater,
Production tube well	
PTW (Nos.)	3
PTW not in operation (Nos.)	0
Ave. depth (m)	132
Capacity at commission (m ³ /hrs)	35
Ave. current capacity per unit (m ³ /hrs)	31
Ave. production hours, Summer (hrs/day)	7
Total production, Summer (m ³ /day)	668
Treatment plants (Nos.)	
AIRP	0
IRP	0
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	0
Production hours, Summer (hrs/day)	0
Total production (m ³ /day)	0

Chlorination points (Nos.)	
PTW	3
IRP/AIRP	0
Surface WTP	0
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	668

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	682
Distribution network (km):	27,500
Leakages in distribution (Nos.)	200

(3) O&M Problems

Production wells	Flooding, production capacity is decreasing.
Pump	Burning of pump motor due to voltage.
Treatment plant	-
Pipeline	Leakage
Customer water meter	-
House connection	Leakage.
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	200
Leakage detection activity	No

