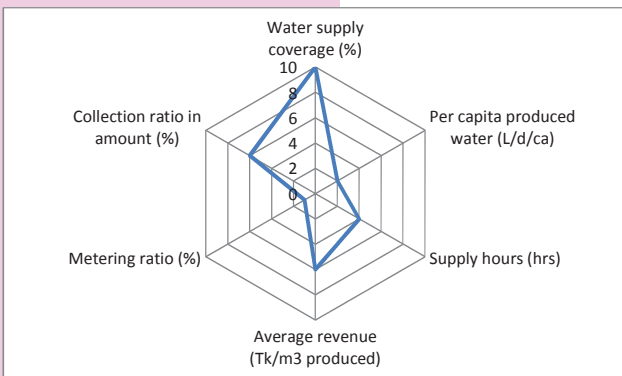


A. Pourashava Profile

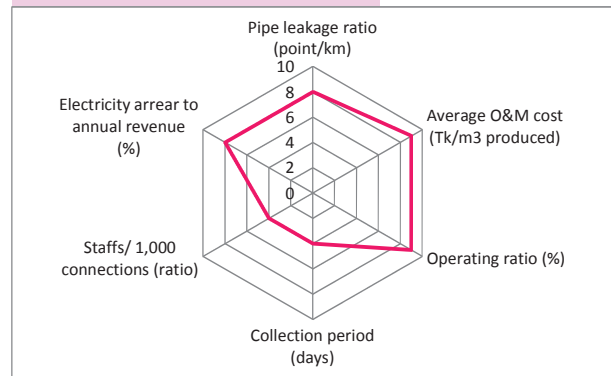
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	40
District	Meherpur	Water sealed slab latrine (%)	46
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 0791-62329, Fax : 0791-62199	Technical staff (Nos.)	12
E-mail	emprashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	70,000	Annual budget (Tk)	29,227,334
Nos. of households (FY2010/2011)	7,121	Revenue (Tk)	27,409,507
Literacy (%)	65	Expenditure (Tk)	28,469,993
Land area (km ²)	18	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)	114	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	10		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	60	Metering ratio (%)	0
Per capita produced water (L/d/ca)	53	Operating ratio (%)	166
Supply Hour (Hrs)	5	Collection ratio in amount (%)	82
Non-revenue water (NRW) (%)	23	Collection period (days)	76
Pipe leakage ratio (point/km)	5.7	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	4	Electricity arrear to annual revenue (%)	52
Average O&M cost (Tk/m ³ produced)	6.6		



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
Piped system introduced (year)	1986
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, , , ,
Staff in water section (Nos.)	24
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.)	4
Ave. depth (m)	95
Capacity at commission (m ³ /hrs)	83
Ave. current capacity per unit (m ³ /hrs)	49
Ave. production hours, Summer (hrs/day)	11
Total production, Summer (m ³ /day)	2,232
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)	600
Production hours, Summer (hrs/day)	12
Total production (m ³ /day)	7,200

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	0
Surface WTP	-
Bulk flow meters (Nos.)	0
Bulk flow meter readings (Nos.)	0
Total production, Summer (m ³ /day)	2,232
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	450
Distribution network (km):	62,000
Leakages in distribution (Nos.)	355
(3) O&M Problems	
Production wells	Decrease of production capacity
Pump	i. Out of order of bearing ii. Well seal
Treatment plant	iii. Burning of pump motor Backwashing & outlet of drain frequently close.
Pipeline	i. Joint failure ii. Frequent & several leaks from old pipe line
Customer water meter	
House connection	i. Leakage ii. Fittings out of order
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	355
Leakage detection activity	No

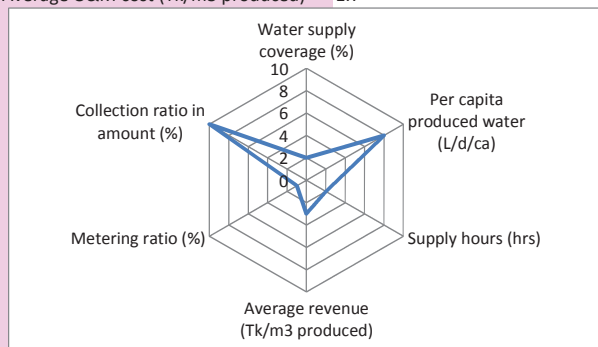
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	500
Rehabilitation		Tariff adopted year	1998
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs),
Treatment plant	No		''''
Distribution network	Yes	7. Water Quality Monitoring	
Expansion		Water 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	-
4. Customer Service (Service indicators)		Water quality problems	Hardness. Iron & Arsenic were found by test from DPHE lab.
Coverage area (km ²)	11	8. Problems and Priority Needs	
Population served (people)	42,000	Major 3 problems	(1) Low coverage
Service connections (Nos.)	3,582		(2) Less financial resources for development
Domestic	3,380		(3) Low treatment plant technology
Public tap/ stand pipe	12	Major 3 priority needs	(1) 24-hour supply
Public institutions	52		(2) Increase of production capacity
Commercial & industrial	138		(3) Treatment plant
Others	0		
Total	3,582		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	60	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	355	Name	-
Average waiting time (days)	7	Period	-
Water pressure at the end of network	, , Low,	Funding agency	-
Continuity of service (hrs/day)	5	Executing agency	-
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	-
Annual complaints (Nos.)	1,500	Name	-
Major complaints	(1) Supply is less than demand	Period	-
	(2) Duration of supply	Funding agency	-
	(3) In summer season pressure not available at end of pipe.	Executing agency	-
5. Financial Information (FY2010/11)		On-going projects	-
Annual budget (Tk)	0	Name	-
Annual revenue (Tk)	3,245,564	Period	-
Annual expenditure (Tk)	5,395,792	Funding agency	-
Annual O&M Costs (Tk)	5,395,792	Executing agency	-
Annual billings (Tk)	3,801,044	(2) Past 10 years projects	-
Annual collections (Tk)	3,120,564	Name	-
Water arrears (Tk)	676,085	Period	-
Electricity arrears (Tk)	1,673,269	Funding agency	-
Payment methods	, Bank	Executing agency	-
Self-billing	No	On-going projects	-
Billing frequency	Monthly	Name	-
6. Water Tariff and Metering (See Tariff Database)		Period	37 District Water Supply Project
Tariff Structure	Based on pipe size	Funding agency	2010-2013
		Executing agency	GOB
Domestic 13 mm (1/2") (Tk/month)	100	Training	DPHE
Non-domestic lowest (Tk/month)	200	Nos. of training	0
Lowest volumetric charge (Tk/m ³)	0	Nos. of Staff	3
D. Non-Piped Water Supply Area		Name of training (1)	5
1. Necessity of Piped Water Supply		Name of training (2)	Installation of billing software development
Necessity of		Name of training (3)	Community mobilization
Piped water	Yes		TOT (Training of Trainer) Course Pourashava Organization & Management
Water meter	Yes		
Reasons	i. Proper billing for revenue collection. ii. To safe (NRW)		
Affordability (answered by pourashava staff)	0		
Average household income/month (Tk)	12,000		
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	1		
2. Exiting Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	760	100	100
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0
		3. Potential Water Sources for Non-Piped Water Supply System	
		Potential water sources	Evaluation
		Shallow well	None
		Deep well	High
		Surface water sources	-
		Other sources	No
		Decrease of ground water level	0
		Shallow well (m/year)	0.3
		Deep well (m/year)	0.3

A. Pourashava Profile

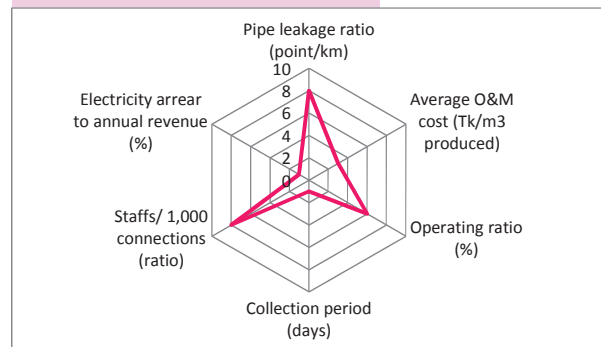
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	75
District	Munshiganj	Water sealed slab latrine (%)	10
Year established	1995	Water-related diseases	Arsenicosis, , , Typhoid, ,
Contact Tel/Fax	7612422	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	70,000	Annual budget (Tk)	145,930,466
Nos. of households (FY2010/2011)	7,250	Revenue (Tk)	15,702,385
Literacy (%)	70	Expenditure (Tk)	14,458,000
Land area (km ²)	10	Computerization
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	136	TLCC /Frequency of meeting	No
Electricity coverage (%)	95	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	9	Metering ratio (%)	0
Per capita produced water (L/d/ca)	160	Operating ratio (%)	97
Supply Hour (Hrs)	3	Collection ratio in amount (%)	100
Non-revenue water (NRW) (%)	-	Collection period (days)	0
Pipe leakage ratio (point/km)	5.6	Staffs/ 1,000 connections (ratio)	12
Average revenue (Tk/m ³ produced)	1.7	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	1.7		



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)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	1995	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)	960

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):	18,000
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	100
Ave. depth (m)	187	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	75	Production wells	Decrease of production capacity
Ave. current capacity per unit (m ³ /hrs)	60	Pump	Burning pump and physical damage
Ave. production hours, Summer (hrs/day)	3	Treatment plant	-
Total production, Summer (m ³ /day)	960	Pipeline	Leakage
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Lockage from fitting
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.)	100
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		

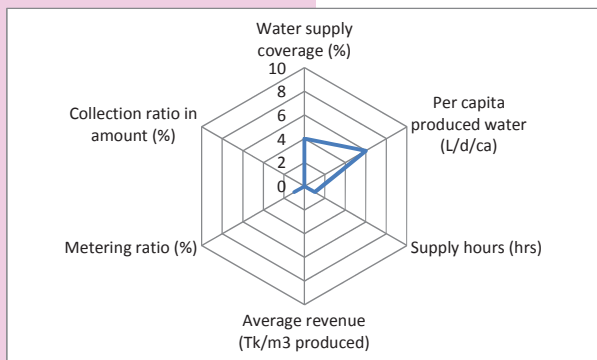
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	350															
Rehabilitation		Tariff adopted year	2009															
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,															
Treatment plant	No	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	Yes	Nos. of sampling location /year	-															
Distribution network	Yes	Water quality problems	Bacteria and also iron															
4. Customer Service (Service indicators)		8. Problems and Priority Needs																
Coverage area (km ²)	6	Major 3 problems	(1) Low coverage of water supply															
Population served (people)	6,000		(2) Less financial resources															
Service connections (Nos.)	522		(3) Insufficient technical capacity and managerial capacity															
Domestic	512	Major 3 priority needs	(1) Distribution network															
Public tap/ stand pipe	7		(2) Improvement of water quality															
Public institutions	1		(3) Increase of production capacity															
Commercial & industrial	2	9. Past and On-going Projects and Training																
Others	0	(1) Past 10 years projects																
Total	522	Name	-															
Metered connections (Nos.)	0	Period	-															
Applications outstanding (Nos.)	0	Funding agency	-															
New connections in 2010/2011 (Nos.)	0	Executing agency	-															
Average waiting time (days)	0	(2) Past 10 years projects																
Water pressure at the end of network	, , Low,	Name	-															
Continuity of service (hrs/day)	3	Period	-															
Customer with 24 hrs supply (%)	0	Funding agency	-															
Annual complaints (Nos.)	100	Executing agency	-															
Major complaints	(1) Water pressure is so Low	On-going projects																
	(2) Leakage	Name	-															
	(3) -	Period	-															
5. Financial Information (FY2010/11)		Funding agency	-															
Annual budget (Tk)	603,125	Executing agency	-															
Annual revenue (Tk)	603,125	Training																
Annual expenditure (Tk)	585,000	Nos. of training	0															
Annual O&M Costs (Tk)	585,000	Nos. of Staff	0															
Annual billings (Tk)	634,000	Name of training (1)	-															
Annual collections (Tk)	634,000	Name of training (2)	-															
Water arrears (Tk)	0	Name of training (3)	-															
Electricity arrears (Tk)	0	D. Non-Piped Water Supply Area																
Payment methods	Pourashava office,	1. Necessity of Piped Water Supply																
Self-billing	No	Main treatment method in domestic	None, , ,															
Billing frequency	Monthly	As contaminated wells (Nos.)	0															
6. Water Tariff and Metering (See Tariff Database)		Arsenic contaminated water supply (%)	0															
Tariff Structure	Based on pipe size	Unhygienic drinking water (%)	40															
Domestic 13 mm (1/2") (Tk/month)	150	% of people using neighbor's well for drinking	2															
Non-domestic lowest (Tk/month)	325	Problems in non-piped water supply area	Bacteria, Shallow tube wells are contaminated by human waste.															
Lowest volumetric charge (Tk/m ³)	0	3. Potential Water Sources for Non-Piped Water Supply System																
D. Non-Piped Water Supply Area																		
1. Necessity of Piped Water Supply																		
Necessity of Piped water	Yes	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Bacteria</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>none</td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>Turbidity</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Bacteria	Deep well	High	none	Surface water sources	High	Turbidity	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	Moderate	Bacteria																
Deep well	High	none																
Surface water sources	High	Turbidity																
Other sources	No	-																
Water meter	Yes	Decrease of ground water level																
Reasons	To save water, reduce the non revenue of water.	Shallow well (m/year)	0.0															
Affordability (answered by pourashava staff)	0	Deep well (m/year)	0.0															
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	1	0	10															
Shallow well	4,500	95	79															
Deep well	3	5	1															
Ponds	80	0	10															
Other sources	0	0	0															

A. Pourashava Profile

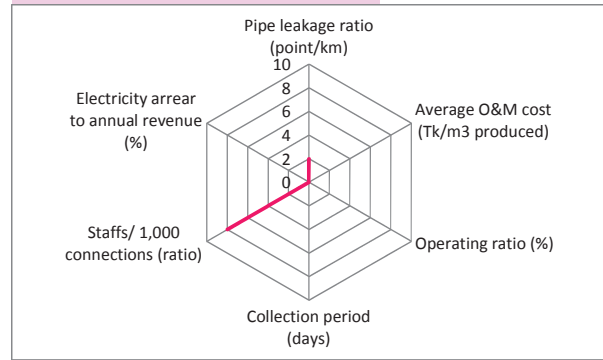
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	15
District	Bagerhat	Water sealed slab latrine (%)	70
Year established	1975	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 04658-73490 Fax: 04658-73495	Technical staff (Nos.)	38
E-mail	pourashavamongla@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	68,663	Annual budget (Tk)	39,206,526
Nos. of households (FY2010/2011)	8,901	Revenue (Tk)	26,128,922
Literacy (%)	66	Expenditure (Tk)	36,921,134
Land area (km ²)	19	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	88	TLCC /Frequency of meeting	Yes, When required
Electricity coverage (%)	100	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	23	Metering ratio (%)	0
Per capita produced water (L/d/ca)	104	Operating ratio (%)	No data
Supply Hour (Hrs)	2	Collection ratio in amount (%)	No data
Non-revenue water (NRW) (%)	4	Collection period (days)	No data
Pipe leakage ratio (point/km)	0.8	Staffs/ 1,000 connections (ratio)	12
Average revenue (Tk/m ³ produced)	No data	Electricity arrear to annual revenue (%)	No data
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)	2004
Pourashava responsibility	O&M, ,
Computerization/Automation	, Billing, Accounting, Asset management, Pumping, Treatment,
Staff in water section (Nos.)	10
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	, 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)	200
Production hours, Summer (hrs/day)	8
Total production (m ³ /day)	1,600

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)	1,600
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	500
Distribution network (km):	24,999
Leakages in distribution (Nos.)	20
(3) O&M Problems	
Production wells	No problem
Pump	1 no. Submersible pump is out of order
Treatment plant	
Pipeline	Operational tools required.
Customer water meter	Bulk water meter collected but not installed
House connection	No problem
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	20
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	800
Rehabilitation		Tariff adopted year	2011/2012
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	No	Frequency of quality test	-
Treatment plant	Yes	Nos. of sampling location /year	-
Distribution network	Yes	Water quality problems	Salinity problem may arise in future.
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	5	Major 3 problems	(1) Low coverage
Population served (people)	15,458		(2) In sufficient technical and management capacity
Service connections (Nos.)	860		(3) Water quality problem
Domestic	804	Major 3 priority needs	(1) Increase of water pressure
Public tap/ stand pipe	34		(2) Capacity building for staff and management
Public institutions	0		(3) Reduction of NRW
Commercial & industrial	22		
Others	0		
Total	860		
Metered connections (Nos.)	0		
Applications outstanding (Nos.)	175		
New connections in 2010/2011 (Nos.)	20		
Average waiting time (days)	7		
Water pressure at the end of network	, Fair, ,		
Continuity of service (hrs/day)	2		
Customer with 24 hrs supply (%)	12		
Annual complaints (Nos.)	150		
Major complaints	(1) Supply hours minimum		
	(2) Low pressure		
	(3) Water quality		
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)	0	Name	-
Annual expenditure (Tk)	0	Period	-
Annual O&M Costs (Tk)	0	Funding agency	-
Annual billings (Tk)	0	Executing agency	-
Annual collections (Tk)	0	(2) Past 10 years projects	
Water arrears (Tk)	50,000	Name	-
Electricity arrears (Tk)	450,000	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	-
Domestic 13 mm (1/2") (Tk/month)	200	Funding agency	-
Non-domestic lowest (Tk/month)	350	Executing agency	-
Lowest volumetric charge (Tk/m ³)	0	Training	0
D. Non-Piped Water Supply Area		Nos. of training	0
1. Necessity of Piped Water Supply		Nos. of Staff	0
Necessity of		Name of training (1)	-
Piped water	Yes	Name of training (2)	-
Water meter	Yes	Name of training (3)	-
Reasons	(1) Consumers will cautious to use the water (2) Misuse will prevent (3) Consumers will able to pay the bill according use.		
Affordability (answered by pourashava staff)	0		
Average household income/month (Tk)	7,000		
Affordability for piped water (Tk/month)	350		
Affordable price in total household income (%)	5		
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 (%)
River	2	0	30
Shallow well	3	1	5
Deep well	0	0	0
Ponds	212	0	55
Other sources	35	99	10
		Decrease of ground water level	
		Shallow well (m/year)	
		Deep well (m/year)	
		Potential water sources	Evaluation
		Shallow well	0
		Deep well	0
		Surface water sources	-
		Other sources	No
			0

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Narshingdi	Water sealed slab latrine (%)	75
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	560273	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	23,337	Annual budget (Tk)	49,039,684
Nos. of households (FY2010/2011)	5,000	Revenue (Tk)	14,357,866
Literacy (%)	75	Expenditure (Tk)	12,369,500
Land area (km ²)	7	Computerization
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	59	TLCC /Frequency of meeting	No
Electricity coverage (%)	95	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	16		

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		Chlorination points (Nos.)	
Water section established (year)	Not formed	PTW	-
Piped system introduced (year)	2003	IRP/AIRP	-
Pourashava responsibility	O&M, ,	Surface WTP	-
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	0	Bulk flow meter readings (Nos.)	-
In which, staff with diploma or higher qualification (Nos.)	0	Total production, Summer (m ³ /day)	0
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	Not 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):	11,500
PTW (Nos.)	3	Leakages in distribution (Nos.)	-
PTW not in operation (Nos.)	3	(3) O&M Problems	
Ave. depth (m)	303	Production wells	-
Capacity at commission (m ³ /hrs)	0	Pump	-
Ave. current capacity per unit (m ³ /hrs)	0	Treatment plant	-
Ave. production hours, Summer (hrs/day)	0	Pipeline	-
Total production, Summer (m ³ /day)	0	Customer water meter	-
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	-
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	-
Plants not in operation	0	Leakage detection activity	-
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

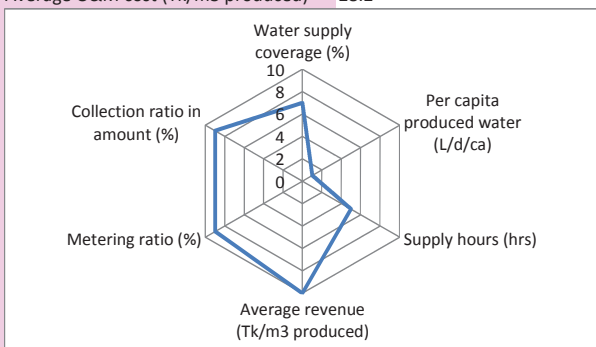
3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	No water supply service
Rehabilitation			Tariff adopted year	No water tariff
Production tube well	-		Tariff setting policy	,,,,,
Treatment plant	-		7. Water Quality Monitoring	
Distribution network	-		Water quality monitoring plan	-
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	-
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			
Service connections (Nos.)	0			(2) -
Domestic	0			(3) -
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.)	-			
New connections in 2010/2011 (Nos.)	-			(2) -
Average waiting time (days)	-			(3) -
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)			
	(2)			
	(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)	0		Name	-
Annual expenditure (Tk)	0		Period	-
Annual O&M Costs (Tk)	0		Funding agency	-
Annual billings (Tk)	0		Executing agency	-
Annual collections (Tk)	0		(2) Past 10 years projects	-
Water arrears (Tk)	0		Name	-
Electricity arrears (Tk)	No water supply service		Period	-
Payment methods	,		Funding agency	-
Self-billing			Executing agency	-
Billing frequency	0		On-going projects	-
6. Water Tariff and Metering (See Tariff Database)			Name	-
Tariff Structure	0		Period	-
			Funding agency	-
Domestic 13 mm (1/2") (Tk/month)	0		Executing agency	-
Non-domestic lowest (Tk/month)	0		Training	0
Lowest volumetric charge (Tk/m ³)	0		Nos. of training	0
D. Non-Piped Water Supply Area			Nos. of Staff	0
1. Necessity of Piped Water Supply			Name of training (1)	-
Necessity of			Name of training (2)	-
Piped water	Yes		Name of training (3)	-
Water meter	Yes			
Reasons	To control water wastage. To minimize social conflict.			
Affordability (answered by pourashava staff)	0			
Average household income/month (Tk)	12,000			
Affordability for piped water (Tk/month)	200			
Affordable price in total household income (%)	2			
2. Existing Water Sources in Non-Piped Water Supply Area			3. Potential Water Sources for Non-Piped Water Supply System	
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	0	0	0	
Shallow well	4,200	80	70	
Deep well	30	20	20	
Ponds	35	0	10	
Other sources	0	0	0	
				Potential water sources
				Shallow well
				Deep well
				Surface water sources
				Other sources
				Decrease of ground water level
				Shallow well (m/year)
				Deep well (m/year)
				Evaluation
				WQ problems
				Moderate
				Iron
				High
				Iron
				-
				-
				No
				0
				1.0
				1.0

A. Pourashava Profile

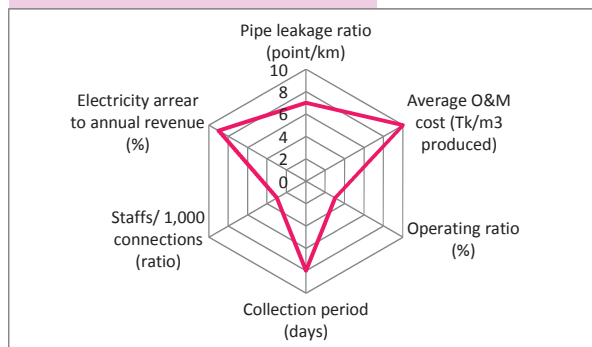
Class	A	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	70
District	Moulavibazar	Water sealed slab latrine (%)	20
Year established	1887	Water-related diseases	, , , ,
Contact Tel/Fax	Tel: 0861-63081, 0861-63086 Fax: 0861-63083	Technical staff (Nos.)	6
E-mail	municipalitymb@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	150,000	Annual budget (Tk)	405,699,468
Nos. of households (FY2010/2011)	30,000	Revenue (Tk)	161,799,318
Literacy (%)	42	Expenditure (Tk)	159,882,950
Land area (km ²)	10	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	263	TLCC /Frequency of meeting	Yes, 4 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 (%)	40	Metering ratio (%)	58
Per capita produced water (L/d/ca)	5	Operating ratio (%)	75
Supply Hour (Hrs)	6	Collection ratio in amount (%)	97
Non-revenue water (NRW) (%)	15-20	Collection period (days)	240
Pipe leakage ratio (point/km)	3.4	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	37.6	Electricity arrear to annual revenue (%)	125
Average O&M cost (Tk/m ³ produced)	28.2		



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)	1991	Chlorination points (Nos.)	
Piped system introduced (year)	1981	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.)	17	Bulk flow meters (Nos.)	5
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	5
		Total production, Summer (m ³ /day)	310

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)	450
PTW (Nos.)	5	Distribution network (km):	35,301
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	120
Ave. depth (m)	147	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	62	Production wells	Decreasing production
Ave. current capacity per unit (m ³ /hrs)	52	Pump	No additional pump motor
Ave. production hours, Summer (hrs/day)	17	Treatment plant	-
Total production, Summer (m ³ /day)	310	Pipeline	Leakage occurs due to GI fittings in existing network
Treatment plants (Nos.)		Customer water meter	Additional water meter for replacement (currently no W/M - out of stock)
AIRP	0	House connection	Sometimes leakage occurs in the clamp point (saddle, GI, MS)
IRP	0	O&M manuals (Nos.)	4
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	120
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		

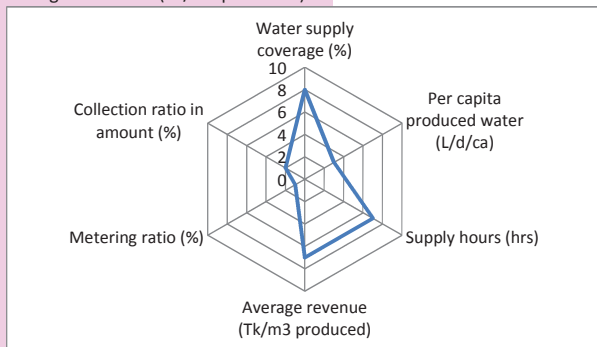
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	500
Rehabilitation		Tariff adopted year	Jul, 2010
Production tube well	Yes	Tariff setting policy
Treatment plant	No		
Distribution network	Yes		
Expansion			
Production tube well	No		
Treatment plant	Yes		
Distribution network	Yes		
4. Customer Service (Service indicators)		7. Water Quality Monitoring	
Coverage area (km ²)	4	Water quality monitoring plan	Yes
Population served (people)	60,000	Parameters checked	As, Fe, Mg
Service connections (Nos.)	2,729	Frequency of quality test	When we feel need
Domestic	2,313	Nos. of sampling location /year	10
Public tap/ stand pipe	0	Water quality problems	Some contamination from leakage of pipeline & house connection
Public institutions	108		
Commercial & industrial	221		
Others	87		
Total	2,729		
Metered connections (Nos.)	1,587		
Applications outstanding (Nos.)	0		
New connections in 2010/2011 (Nos.)	0		
Average waiting time (days)	0		
Water pressure at the end of network	, , Low,		
Continuity of service (hrs/day)	6		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	120		
Major complaints	(1) Low pressure		
	(2) Bill is expensive (to reduce from arrear dues)		
	(3) Leakage repair by WS of Pourashava within the house		
5. Financial Information (FY2010/11)		8. Problems and Priority Needs	
Annual budget (Tk)	0	Major 3 problems	(1) Low coverage
Annual revenue (Tk)	4,252,491		(2) Insufficient technical and management capacity
Annual expenditure (Tk)	4,133,395		(3) No additional motor pump for PTW for crisis
Annual O&M Costs (Tk)	3,191,855	Major 3 priority needs	(1) Production well and pump
Annual billings (Tk)	2,450,378		(2) Reduction of NRW
Annual collections (Tk)	2,384,515		(3) Enhancing customer services and public relations
Water arrears (Tk)	2,800,000		
Electricity arrears (Tk)	5,300,000		
Payment methods	, Bank		
Self-billing	No		
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)		9. Past and On-going Projects and Training	
Tariff Structure	Metered rate	(1) Past 10 years projects	
Domestic 13 mm (1/2") (Tk/month)	200	Name	-
Non-domestic lowest (Tk/month)	350	Period	-
Lowest volumetric charge (Tk/m ³)	6	Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	
		Name	-
		Period	STWSSP
		Funding agency	2008-2013
		Executing agency	ADB-GOB
		Training	DPHE & Pourashava jointly
		Nos. of training	2
		Nos. of Staff	9
		Name of training (1)	Water metering
		Name of training (2)	Repair & maintenance
		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.)	0
Water meter	No	Arsenic contaminated water supply (%)	0
Reasons	Only multiusers need water meter. The customer who use less water, they need diameter basis bill	Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	5
		Problems in non-piped water supply area	Aquifer problem in underground source, Hilly region so that installation of piped water is difficult
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> <u>WQ problems</u>
Affordability for piped water (Tk/month)	300	Shallow well	None Iron
Affordable price in total household income (%)	4	Deep well	None Fe (75 %)
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	High No, after treatment
Source	Nos. of source	Other sources	No -
River	1	Decrease of ground water level	
Shallow well	3,750	Shallow well (m/year)	0.3
Deep well	3,750	Deep well (m/year)	0.3
Ponds	9		
Other sources	1		

A. Pourashava Profile

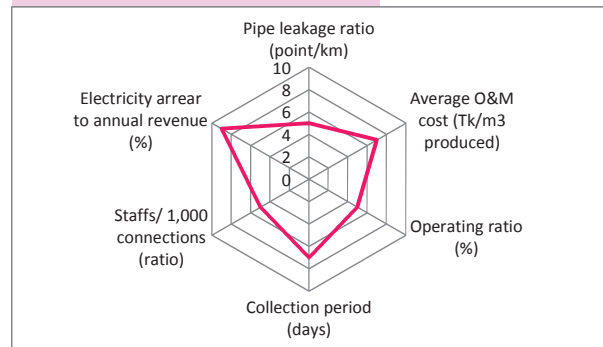
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	26.76
District	Mymensingh	Water sealed slab latrine (%)	49.69
Year established	1878	Water-related diseases	, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	0902875202	Technical staff (Nos.)	7
E-mail	info@muktagachapourashava	Financial statements (2010/2011)	
Population (FY2010/2011)	50,621	Annual budget (Tk)	65,214,414
Nos. of households (FY2010/2011)	7,509	Revenue (Tk)	43,097,779
Literacy (%)	82	Expenditure (Tk)	31,108,081
Land area (km ²)	12	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	81	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	21		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	41	Metering ratio (%)	0
Per capita produced water (L/d/ca)	62	Operating ratio (%)	94
Supply Hour (Hrs)	7	Collection ratio in amount (%)	54
Non-revenue water (NRW) (%)	-	Collection period (days)	164
Pipe leakage ratio (point/km)	1.7	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	4.5	Electricity arrear to annual revenue (%)	94
Average O&M cost (Tk/m ³ produced)	4.2		



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)	1992	Chlorination points (Nos.)	
Piped system introduced (year)	1999	PTW	3
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	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)	1,295

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):	9,009
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	15
Ave. depth (m)	173	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	71	Production wells	Production capacity decrease
Ave. current capacity per unit (m ³ /hrs)	62	Pump	Pump burning and sound problem
Ave. production hours, Summer (hrs/day)	7	Treatment plant	-
Total production, Summer (m ³ /day)	1,295	Pipeline	Pipe Leakage
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Lockage from fitting.
IRP	0	O&M manuals (Nos.)	1
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		

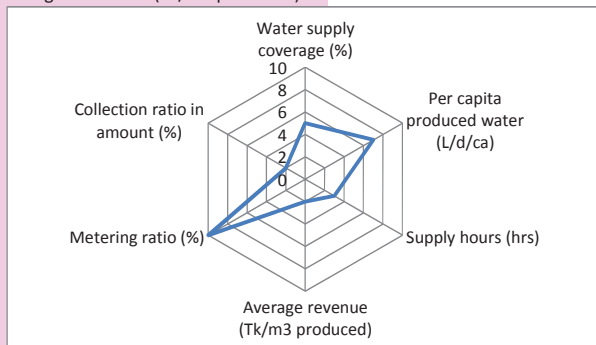
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,000
Rehabilitation		Tariff adopted year	2009
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	No		
Distribution network	Yes		
Expansion			
Production tube well	Yes		
Treatment plant	Yes		
Distribution network	Yes		
4. Customer Service (Service indicators)		7. Water Quality Monitoring	
Coverage area (km ²)	3	Water quality monitoring plan	No
Population served (people)	21,000	Parameters checked	-
Service connections (Nos.)	737	Frequency of quality test	-
Domestic	715	Nos. of sampling location /year	-
Public tap/ stand pipe	0	Water quality problems	There are lot of iron element to pipe water line.
Public institutions	10		
Commercial & industrial	12		
Others	0		
Total	737		
Metered connections (Nos.)	0		
Applications outstanding (Nos.)	0		
New connections in 2010/2011 (Nos.)	0		
Average waiting time (days)	0		
Water pressure at the end of network	, , Low,		
Continuity of service (hrs/day)	7		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	65		
Major complaints	(1) Water Pressure low		
	(2) Iron in water		
	(3) Pipe line Leakage		
5. Financial Information (FY2010/11)		8. Problems and Priority Needs	
Annual budget (Tk)	2,118,682	Major 3 problems	(1) Low coverage
Annual revenue (Tk)	2,118,682		(2) Less financial resources
Annual expenditure (Tk)	2,010,000		(3) Quality of water
Annual O&M Costs (Tk)	2,000,000	Major 3 priority needs	(1) Increase of production capacity
Annual billings (Tk)	1,889,094		(2) Production well and pump
Annual collections (Tk)	1,028,030		(3) Water quality monitoring
Water arrears (Tk)	950,514		
Electricity arrears (Tk)	2,000,000		
Payment methods	, Bank		
Self-billing	Yes		
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)		9. Past and On-going Projects and Training	
Tariff Structure	Based on pipe size	(1) Past 10 years projects	
Domestic 13 mm (1/2") (Tk/month)	75	Name	-
Non-domestic lowest (Tk/month)	250	Period	-
Lowest volumetric charge (Tk/m ³)	0	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	2
		Nos. of Staff	2
		Name of training (1)	Water software installation and operation
		Name of training (2)	Water software operation
		Name of training (3)	-
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of Piped water	Yes	As contaminated wells (Nos.)	4
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	It will be no misuse of water. Customer will be able to pay their bill according to water consumption.	Unhygienic drinking water (%)	2
		% of people using neighbor's well for drinking	10
		Problems in non-piped water supply area	Ground surface water table declining day by day, Shallow wells are contaminated by human waste
Affordability (answered by pourashava staff)	0		
Average household income/month (Tk)	10,000		
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1		
2. Existing Water Sources in Non-Piped Water Supply Area		3. Potential Water Sources for Non-Piped Water Supply System	
		Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
River	0	Shallow well	None Bacteria, iron
Shallow well	394	Deep well	High none
Deep well	23	Surface water sources	- -
Ponds	105	Other sources	No -
Other sources	0	Decrease of ground water level	
		Shallow well (m/year)	Do not know
		Deep well (m/year)	Do not know

A. Pourashava Profile

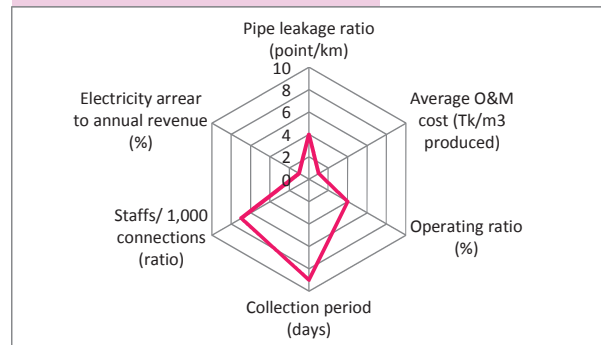
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	65
District	Mymensingh	Water sealed slab latrine (%)	20
Year established	8/Apr/1869	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	09165033	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	475,000	Annual budget (Tk)	285,988,200
Nos. of households (FY2010/2011)	24,168	Revenue (Tk)	116,264,157
Literacy (%)	60	Expenditure (Tk)	258,412,399
Land area (km ²)	22	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , Procurement,
Residential area (km ²)	12	Committee formed	
Residential area pop. density (persons/ha)	412	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	17		
Winter	21		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	26	Metering ratio (%)	84
Per capita produced water (L/d/ca)	134	Operating ratio (%)	82
Supply Hour (Hrs)	4	Collection ratio in amount (%)	55
Non-revenue water (NRW) (%)	20-22	Collection period (days)	352
Pipe leakage ratio (point/km)	1.3	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m ³ produced)	1.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	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)	1983	Chlorination points (Nos.)	
Piped system introduced (year)	1983	PTW	13
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	50	Bulk flow meters (Nos.)	13
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	13
		Total production, Summer (m ³ /day)	16,556

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.)	7
Production tube well		Total capacity (m ³)	4,471
PTW (Nos.)	13	Distribution network (km):	97,999
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	127
Ave. depth (m)	127	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	119	Production wells	Discharge quantity
Ave. current capacity per unit (m ³ /hrs)	93	Pump	Old pump, replacement
Ave. production hours, Summer (hrs/day)	14	Treatment plant	-
Total production, Summer (m ³ /day)	16,556	Pipeline	Leakage, joint, gate valve, rubber gasket, old
Treatment plants (Nos.)		Customer water meter	Iron/sediment
AIRP	0	House connection	MS clamp, GI other fittings, very old 40-60 years
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.)	127
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		

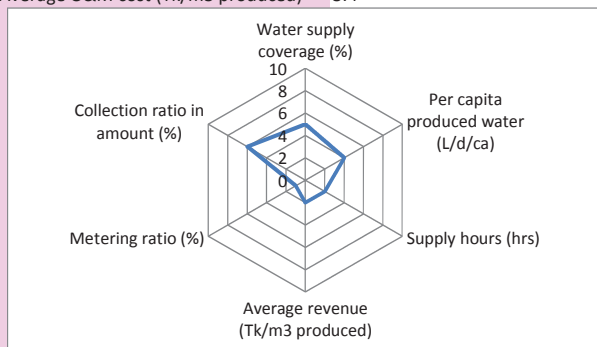
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,200
Rehabilitation		Tariff adopted year	July, 2010
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality monitoring plan	No
Expansion		Parameters checked	-
Production tube well	Yes	Frequency of quality test	-
Treatment plant	Yes	Nos. of sampling location /year	-
Distribution network	Yes	Water quality problems	Bacteriological problem
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	9	Major 3 problems	(1) Insufficient technical and managerial capacity
Population served (people)	123,500		(2) Water quality problems
Service connections (Nos.)	4,735		(3) Less financial resources
Domestic	4,432	Major 3 priority needs	(1) Improvement of water quality
Public tap/ stand pipe	80		(2) House connection and water meter
Public institutions	0		(3) Improvement of billing and collection practice
Commercial & industrial	160	9. Past and On-going Projects and Training	
Others	63	(1) Past 10 years projects	
Total	4,735	Name	-
Metered connections (Nos.)	4,000	Period	-
Applications outstanding (Nos.)	0	Funding agency	-
New connections in 2010/2011 (Nos.)	0	Executing agency	-
Average waiting time (days)	0	(2) Past 10 years projects	
Water pressure at the end of network	, Fair, ,	Name	-
Continuity of service (hrs/day)	4	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	127	Executing agency	-
Major complaints	(1) Dirty water (iron / sediment)	On-going projects	
	(2) 24 hour water	Name	-
	(3) Block of meter	Period	-
5. Financial Information (FY2010/11)		Funding agency	-
Annual budget (Tk)	285,988,200	Executing agency	-
Annual revenue (Tk)	7,135,000	(2) Past 10 years projects	
Annual expenditure (Tk)	7,480,000	Name	-
Annual O&M Costs (Tk)	5,830,000	Period	-
Annual billings (Tk)	8,284,000	Funding agency	-
Annual collections (Tk)	4,522,000	Executing agency	-
Water arrears (Tk)	6,879,120	On-going projects	
Electricity arrears (Tk)	0	Name	-
Payment methods	, Bank	Period	2006-2014
Self-billing	No	Funding agency	-
Billing frequency	Monthly	Executing agency	PIV-DPHE & Pourashava, PWD-DPHE
6. Water Tariff and Metering (See Tariff Database)		Training	
Tariff Structure	Metered rate	Nos. of training	7
Domestic 13 mm (1/2") (Tk/month)	120	Nos. of Staff	54
Non-domestic lowest (Tk/month)	300	Name of training (1)	Water supply surveillance, water safety plan, meter based billing system
Lowest volumetric charge (Tk/m ³)	0	Name of training (2)	Billing Software, meter based billing system
D. Non-Piped Water Supply Area		Name of training (3)	O&M of pump and pipeline
1. Necessity of Piped Water Supply		3. Potential Water Sources for Non-Piped Water Supply System	
Necessity of Piped water	Yes	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Water meter	Yes	Shallow well	None Coliform, Iron
Reasons	According to the usage of water consumption, people awareness, system loss	Deep well	None -
Affordability (answered by pourashava staff)	0	Surface water sources	High, Mod No industry
Average household income/month (Tk)	15,000	Other sources	No -
Affordability for piped water (Tk/month)	300	Decrease of ground water level	
Affordable price in total household income (%)	2	Shallow well (m/year)	-
2. Exiting Water Sources in Non-Piped Water Supply Area		Deep well (m/year)	-
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	5
Shallow well	16,576	46	65
Deep well	34	54	25
Ponds	65	0	3
Other sources	2	0	2

A. Pourashava Profile

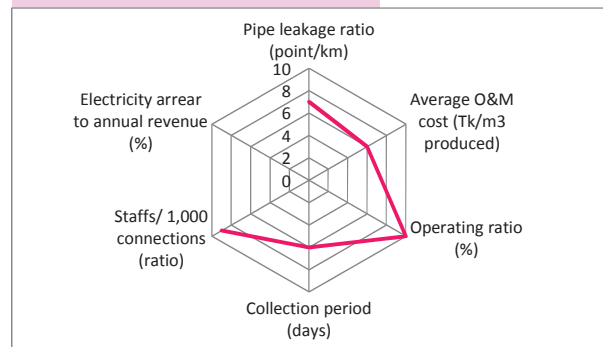
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	32
District	Naogaon	Water sealed slab latrine (%)	40
Year established	1999	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 07428-63060	Technical staff (Nos.)	9
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	21,314	Annual budget (Tk)	13,653,067
Nos. of households (FY2010/2011)	4,347	Revenue (Tk)	7,140,310
Literacy (%)	60	Expenditure (Tk)	13,658,037
Land area (km ²)	12	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	36	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, Discontinue
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)	75	Operating ratio (%)	235
Supply Hour (Hrs)	3	Collection ratio in amount (%)	80
Non-revenue water (NRW) (%)	10	Collection period (days)	121
Pipe leakage ratio (point/km)	3.9	Staffs/ 1,000 connections (ratio)	12
Average revenue (Tk/m ³ produced)	1.4	Electricity arrear to annual revenue (%)	-
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)	2002	Chlorination points (Nos.)	
Piped system introduced (year)	2000	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	3	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. 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.)	2	Distribution network (km):	12,830
PTW not in operation (Nos.)	1	Leakages in distribution (Nos.)	50
Ave. depth (m)	41	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	180	Production wells	Column pipe sound during operation
Ave. current capacity per unit (m ³ /hrs)	167	Pump	N
Ave. production hours, Summer (hrs/day)	3	Treatment plant	N
Total production, Summer (m ³ /day)	480	Pipeline	Covering depth not available & pipe frequent leakage
Treatment plants (Nos.)		Customer water meter	N
AIRP	0	House connection	N
IRP	0	O&M manuals (Nos.)	1
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	50
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		

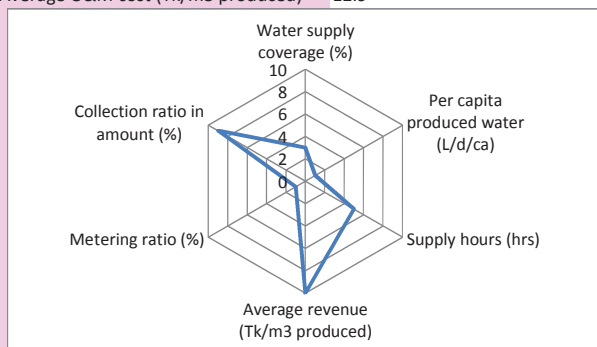
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	600
Rehabilitation		Tariff adopted year	-
Production tube well	No	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality monitoring plan	No
Expansion		Parameters checked	-
Production tube well	No	Frequency of quality test	-
Treatment plant	Yes	Nos. of sampling location /year	-
Distribution network	Yes	Water quality problems	Iron in water & HC pipe blocked.
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	4	Major 3 problems	(1) Low coverage
Population served (people)	6,400		(2) Less financial resources
Service connections (Nos.)	251		(3) Leakage
Domestic	247	Major 3 priority needs	(1) Increase of water pressure
Public tap/ stand pipe	0		(2) Expansion and replacement of network
Public institutions	0		(3) Distribution network
Commercial & industrial	4		
Others	0		
Total	251		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	, , Low,	Funding agency	-
Continuity of service (hrs/day)	3	Executing agency	-
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	
Annual complaints (Nos.)	70	Name	-
Major complaints	(1) Low pressure at end of pipe	Period	-
	(2) Wastage of water	Funding agency	-
	(3) Pipe leakage	Executing agency	-
5. Financial Information (FY2010/11)		On-going projects	
Annual budget (Tk)	590,000	Name	-
Annual revenue (Tk)	250,820	Period	-
Annual expenditure (Tk)	590,000 (Pourashava pays part of personnel and power costs from general budget.)	Funding agency	-
Annual O&M Costs (Tk)	590,000	Executing agency	-
Annual billings (Tk)	184,440	Training	
Annual collections (Tk)	148,440	Nos. of training	1
Water arrears (Tk)	83,000	Nos. of Staff	1
Electricity arrears (Tk)	No data	Name of training (1)	Computer
Payment methods	, Bank	Name of training (2)	-
Self-billing	Yes	Name of training (3)	-
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Based on pipe size		
Domestic 13 mm (1/2") (Tk/month)	75		
Non-domestic lowest (Tk/month)	225		
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 Piped water	Yes	As contaminated wells (Nos.)	No data
Water meter	Yes	Arsenic contaminated water supply (%)	0 (people don't drink, but use for washing.)
Reasons	For reduction of wastage of water & billing as per meter reading, meter is required.	Unhygienic drinking water (%)	No data
		% of people using neighbor's well for drinking	No data
		Problems in non-piped water supply area	Insufficient water in hand tube well during irri-boro (dry) season,
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	15,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	300	Shallow well	High Iron
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 Bacteria & solid waste
		Other sources	No -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	No data	0	2
Shallow well	4,000	90	90
Deep well	0	0	0
Ponds	No data	0	5
Other sources	0	10	3
		Decrease of ground water level	
		Shallow well (m/year)	0.5
		Deep well (m/year)	0.5

A. Pourashava Profile

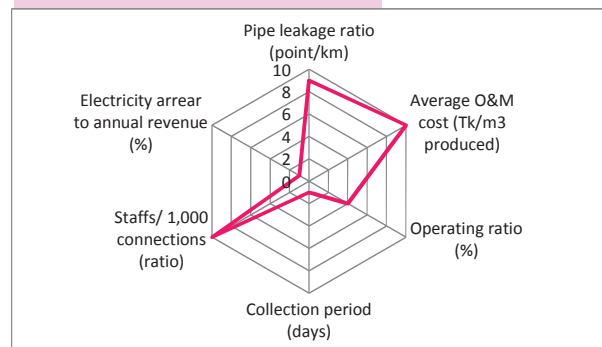
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	45
District	Pabna	Water sealed slab latrine (%)	35
Year established	2002	Water-related diseases	, , , ,
Contact Tel/Fax	Tel: 0721-800002, Fax: 800195	Technical staff (Nos.)	9
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	115,648	Annual budget (Tk)	114,834,486
Nos. of households (FY2010/2011)	10,440	Revenue (Tk)	12,406,647
Literacy (%)	65	Expenditure (Tk)	12,095,615
Land area (km ²)	46	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	28	Committee formed	
Residential area pop. density (persons/ha)	42	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	17	Metering ratio (%)	0
Per capita produced water (L/d/ca)	4	Operating ratio (%)	430
Supply Hour (Hrs)	6	Collection ratio in amount (%)	100
Non-revenue water (NRW) (%)	5.26	Collection period (days)	0
Pipe leakage ratio (point/km)	8	Staffs/ 1,000 connections (ratio)	15
Average revenue (Tk/m ³ produced)	15	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	12.9		



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)	2009	Chlorination points (Nos.)	
Piped system introduced (year)	2007	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	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)	84

2. Water Supply System

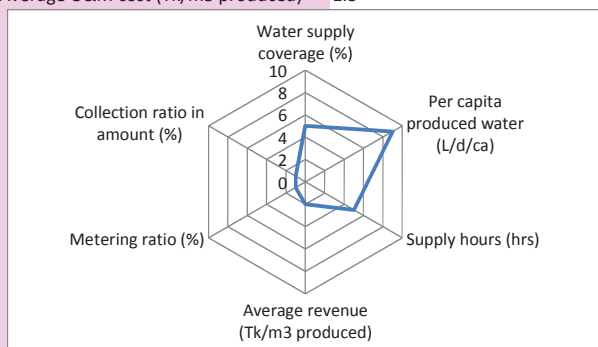
Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	Groundwater,	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	1	Distribution network (km):	8,400
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	67
Ave. depth (m)	70	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	18	Production wells	Water level down in av. (10-12m) yearly.
Ave. current capacity per unit (m ³ /hrs)	14	Pump	Motor out of order due to voltage fluctuation.
Ave. production hours, Summer (hrs/day)	6	Treatment plant	-
Total production, Summer (m ³ /day)	84	Pipeline	Joint failure, sluice valve disorder, etc.
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage of fittings crack by iron
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.)	67
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

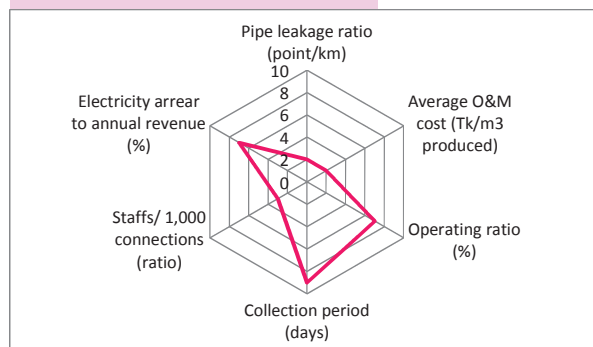
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	5
District	Sherpur	Water sealed slab latrine (%)	10
Year established	1993	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0932473221	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	27,415	Annual budget (Tk)	87,805,800
Nos. of households (FY2010/2011)	6,868	Revenue (Tk)	75,148,668
Literacy (%)	70	Expenditure (Tk)	74,805,800
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)	4	Committee formed	
Residential area pop. density (persons/ha)	74	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	50	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	8		
Winter	10		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	30	Metering ratio (%)	0
Per capita produced water (L/d/ca)	222	Operating ratio (%)	106
Supply Hour (Hrs)	6	Collection ratio in amount (%)	32
Non-revenue water (NRW) (%)	-	Collection period (days)	339
Pipe leakage ratio (point/km)	0.8	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	1.4	Electricity arrear to annual revenue (%)	22
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)	2006	Chlorination points (Nos.)	
Piped system introduced (year)	2005	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	5	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)	1,800

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.)	2	Distribution network (km):	12,000
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	10
Ave. depth (m)	210	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	100	Production wells	Capacity is very poor
Ave. current capacity per unit (m ³ /hrs)	90	Pump	Pump burning
Ave. production hours, Summer (hrs/day)	10	Treatment plant	-
Total production, Summer (m ³ /day)	1,800	Pipeline	Leakage and problem in joint
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Lockage in connection
IRP	0	O&M manuals (Nos.)	1
Surface water treatment plants	0	O&M assistance form DPHE	No
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		

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	, , , People's affordability to pay ,
Treatment plant	No		
Distribution network	Yes		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	No
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)	3	Major 3 problems	
Population served (people)	8,100		(1) Low coverage
Service connections (Nos.)	776		(2) Low treatment technology
Domestic	730		(3) In sufficient technical and management capacity
Public tap/ stand pipe	30		
Public institutions	0	Major 3 priority needs	
Commercial & industrial	16		(1) Expansion and replacement of network
Others	0		(2) Production well and pump
Total	776		(3) Enhancing customer services and public relations
Metered connections (Nos.)	0		
Applications outstanding (Nos.)	0		
New connections in 2010/2011 (Nos.)	0		
Average waiting time (days)	0		
Water pressure at the end of network	, , Low,		
Continuity of service (hrs/day)	6		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	30		
Major complaints		9. Past and On-going Projects and Training	
	(1) pressure low	(1) Past 10 years projects	
	(2) Pipe line Lockage	Name	-
	(3) -	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)	Computer billing
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	965,000		
Annual revenue (Tk)	910,000		
Annual expenditure (Tk)	965,000		
Annual O&M Costs (Tk)	965,000		
Annual billings (Tk)	546,000		
Annual collections (Tk)	176,369		
Water arrears (Tk)	844,817		
Electricity arrears (Tk)	200,000		
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)	125		
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		Main treatment method in domestic	None, , ,
Necessity of Piped water	Yes	As contaminated wells (Nos.)	100
Water meter	Yes	Arsenic contaminated water supply (%)	1
Reasons	For 100% revenue collection & to decrease wastage of water	Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	3
		Problems in non-piped water supply area	Iron, Arsenic, 50% hand tube well fail in summer
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	15,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	225	Shallow well	Moderate No problem
Affordable price in total household income (%)	2	Deep well	High No problem
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	Moderate Turbidity
		Other sources	No -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	15
Shallow well	1,500	99	65
Deep well	2	1	1
Ponds	55	0	20
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	0.1
		Deep well (m/year)	0.1

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	90
District	Naogaon	Water sealed slab latrine (%)	7
Year established	1963	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0741-62355, 0741-61404	Technical staff (Nos.)	9
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	1,500,025	Annual budget (Tk)	58,885,716
Nos. of households (FY2010/2011)	21,445	Revenue (Tk)	48771116
Literacy (%)	82	Expenditure (Tk)	54,849,089
Land area (km ²)	38	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	15	Committee formed	
Residential area pop. density (persons/ha)	977	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	12		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)			
Water supply coverage (%)	5	Metering ratio (%)	0
Per capita produced water (L/d/ca)	181	Operating ratio (%)	111
Supply Hour (Hrs)	12	Collection ratio in amount (%)	50
Non-revenue water (NRW) (%)	20	Collection period (days)	391
Pipe leakage ratio (point/km)	0.9	Staffs/ 1,000 connections (ratio)	4
Average revenue (Tk/m ³ produced)	2	Electricity arrear to annual revenue (%)	14
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)	1992	Chlorination points (Nos.)	
Piped system introduced (year)	1990	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	Not operated
Computerization/Automation	, Billing, Accounting, Asset management, , ,	Surface WTP	-
Staff in water section (Nos.)	30	Bulk flow meters (Nos.)	6
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	6
		Total production, Summer (m ³ /day)	12,300
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.)	3
Production tube well		Total capacity (m ³)	Do not know
PTW (Nos.)	10	Distribution network (km):	63,500
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	57
Ave. depth (m)	42	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	137	Production wells	Insufficient depth of submersible well
Ave. current capacity per unit (m ³ /hrs)	98	Pump	Production capacity has been reduced
Ave. production hours, Summer (hrs/day)	12	Treatment plant	Operation cost very high
Total production, Summer (m ³ /day)	12,300	Pipeline	Insufficient diameter of line to be washed.
Treatment plants (Nos.)		Customer water meter	No problem
AIRP	0	House connection	
IRP	2	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	2	Annual leakages (Nos.)	57
Production of plant	0	Leakage detection activity	Yes
Total capacity (m ³ /hrs)	800		
Production hours, Summer (hrs/day)	Not operation		
Total production (m ³ /day)	0		

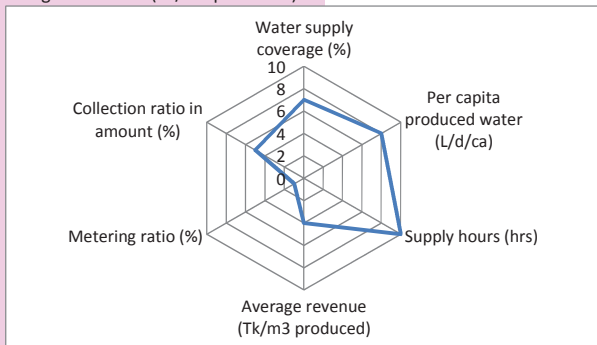
3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	800															
Rehabilitation			Tariff adopted year	-															
Production tube well	Yes		Tariff setting policy	Full cost recovery, , , People's affordability to pay, ,															
Treatment plant	Yes		7. Water Quality Monitoring																
Distribution network	Yes		Water quality monitoring plan	No															
Expansion			Parameters checked	-															
Production tube well	Yes		Frequency of quality test	-															
Treatment plant	Yes		Nos. of sampling location /year	-															
Distribution network	Yes		Water quality problems	Iron in water, pipe line has been blocked by iron. Pipe line to be washed.															
4. Customer Service (Service indicators)			8. Problems and Priority Needs																
Coverage area (km ²)	23		Major 3 problems	(1) Low coverage															
Population served (people)	68,000			(2) Less financial resources															
Service connections (Nos.)	6,967			(3) Insufficient technical & managerial capacity															
Domestic	6,326		Major 3 priority needs	(1) Increase of production capacity															
Public tap/ stand pipe	180			(2) Improvement of water quality															
Public institutions	0			(3) Production well and pump															
Commercial & industrial	461		9. Past and On-going Projects and Training																
Others	0		(1) Past 10 years projects																
Total	6,967		Name	-															
Metered connections (Nos.)	0		Period	-															
Applications outstanding (Nos.)	0		Funding agency	-															
New connections in 2010/2011 (Nos.)	57		Executing agency	-															
Average waiting time (days)	3		(2) Past 10 years projects																
Water pressure at the end of network	, , Low,		Name	-															
Continuity of service (hrs/day)	12		Period	-															
Customer with 24 hrs supply (%)	0		Funding agency	-															
Annual complaints (Nos.)	30		Executing agency	-															
Major complaints	(1) Iron in water		On-going projects																
	(2) Low pressure		Name	-															
	(3) Insufficient pipe network		Period	-															
5. Financial Information (FY2010/11)																			
Annual budget (Tk)	1,187,377		Funding agency	UPRP & DTWP (LGED)															
Annual revenue (Tk)	9,031,804		Executing agency	2009-2014 & 2011-2012															
Annual expenditure (Tk)	10,015,724			UNDP & GOB															
Annual O&M Costs (Tk)	10,015,724			UNDP Staff & Pourashava-LGED															
Annual billings (Tk)	18,737,000		On-going projects																
Annual collections (Tk)	9,372,000		Name	-															
Water arrears (Tk)	9,675,000		Period	-															
Electricity arrears (Tk)	1,300,000		Funding agency	-															
Payment methods	, Bank		Executing agency	-															
Self-billing	No		Training	0															
Billing frequency	Monthly		Nos. of training	2															
6. Water Tariff and Metering (See Tariff Database)			Nos. of Staff	3															
Tariff Structure	Fixed amount		Name of training (1)	Computer															
Domestic 13 mm (1/2") (Tk/month)	125		Name of training (2)	Sanitation & Water Management															
Non-domestic lowest (Tk/month)	250		Name of training (3)	-															
Lowest volumetric charge (Tk/m ³)	0		D. Non-Piped Water Supply Area																
1. Necessity of Piped Water Supply			Main treatment method in domestic	, , , Filtration															
Necessity of			As contaminated wells (Nos.)	300															
Piped water	Yes		Arsenic contaminated water supply (%)	10															
Water meter	No		Unhygienic drinking water (%)	20															
Reasons			% of people using neighbor's well for drinking	0															
			Problems in non-piped water supply area	Water not available in hand tube wells in dry season, Locally, name vertical pump used in non pipe area in dry season.															
Affordability (answered by pourashava staff)	0		3. Potential Water Sources for Non-Piped Water Supply System																
Average household income/month (Tk)	8,000		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>High</td> <td>Iron in water</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron in water</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>No problem</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>0</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron in water	Deep well	High	Iron in water	Surface water sources	Moderate	No problem	Other sources	No	0
Potential water sources	Evaluation	WQ problems																	
Shallow well	High	Iron in water																	
Deep well	High	Iron in water																	
Surface water sources	Moderate	No problem																	
Other sources	No	0																	
Affordability for piped water (Tk/month)	200		Decrease of ground water level																
Affordable price in total household income (%)	3		Shallow well (m/year)	1.0															
2. Existing Water Sources in Non-Piped Water Supply Area			Deep well (m/year)	1.0															
Source	Nos. of source	Drinking (%)																	
River	0	0																	
Shallow well	10,000	100																	
Deep well	0	0																	
Ponds	No data	0																	
Other sources	500	0																	

A. Pourashava Profile

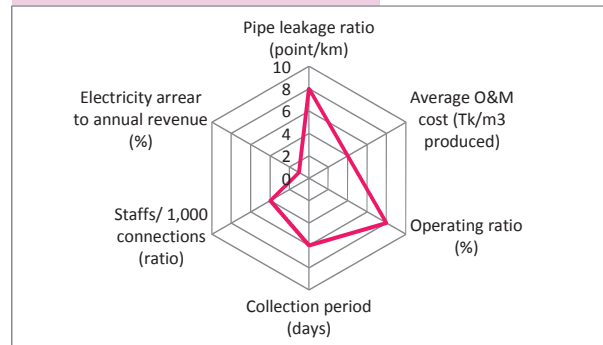
Class	B	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	47
District	Narail	Water sealed slab latrine (%)	36
Year established	1972	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0481-63478, Fax: 0481-62983	Technical staff (Nos.)	10
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	64,983	Annual budget (Tk)	202,876,700
Nos. of households (FY2010/2011)	7,693	Revenue (Tk)	23,555,576
Literacy (%)	46	Expenditure (Tk)	20,727,130
Land area (km ²)	22	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	12	Committee formed	
Residential area pop. density (persons/ha)	54	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	70	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	38	Metering ratio (%)	0
Per capita produced water (L/d/ca)	178	Operating ratio (%)	112
Supply Hour (Hrs)	14	Collection ratio in amount (%)	74
Non-revenue water (NRW) (%)	14	Collection period (days)	125
Pipe leakage ratio (point/km)	5.4	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	2.3	Electricity arrear to annual revenue (%)	0
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)	1991	Chlorination points (Nos.)	
Piped system introduced (year)	1985	PTW	0
Pourashava responsibility	O&M, , Part of construction	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)	4,450

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.)	5	Distribution network (km):	39,920
PTW not in operation (Nos.)	1	Leakages in distribution (Nos.)	215
Ave. depth (m)	84	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	108	Production wells	Decrease of production capacity
Ave. current capacity per unit (m ³ /hrs)	91	Pump	For the turbine pump maintenance cost is very high.
Ave. production hours, Summer (hrs/day)	12	Treatment plant	-
Total production, Summer (m ³ /day)	4,450	Pipeline	Old pipe line metal joint (dresser coupling) frequently leakage.
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage for connection clamp.
IRP	0	O&M manuals (Nos.)	2
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	215
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		

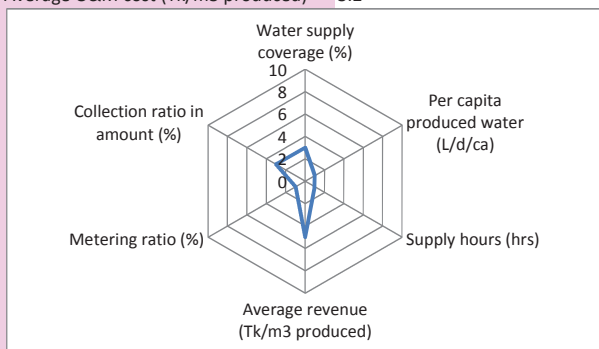
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	150																								
Rehabilitation		Tariff adopted year	1991																								
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,																								
Treatment plant	No	7. Water Quality Monitoring																									
Distribution network	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	Iron, Arsenic, Salinity																								
4. Customer Service (Service indicators)		8. Problems and Priority Needs																									
Coverage area (km ²)	13	Major 3 problems	(1) Less financial resources																								
Population served (people)	25,000		(2) Low coverage																								
Service connections (Nos.)	2,273		(3) Insufficient technical & managerial capacity																								
Domestic	2,081	Major 3 priority needs	(1) 24-hour supply																								
Public tap/ stand pipe	55		(2) Increase of production capacity																								
Public institutions	137		(3) Improvement of water quality																								
Commercial & industrial	0	9. Past and On-going Projects and Training																									
Others	0	(1) Past 10 years projects																									
Total	2,273	Name	-																								
Metered connections (Nos.)	0	Period	-																								
Applications outstanding (Nos.)	0	Funding agency	-																								
New connections in 2010/2011 (Nos.)	0	Executing agency	-																								
Average waiting time (days)	0	(2) Past 10 years projects	-																								
Water pressure at the end of network	, Fair, ,	Name	-																								
Continuity of service (hrs/day)	14	Period	-																								
Customer with 24 hrs supply (%)	0	Funding agency	-																								
Annual complaints (Nos.)	200	Executing agency	-																								
Major complaints	(1) No 24 hours continuous supply	On-going projects	-																								
	(2) Frequently leakage for the distribution line	Name	N/A																								
	(3) Iron	Period	-																								
5. Financial Information (FY2010/11)		Funding agency	-																								
Annual budget (Tk)	4,742,000	Executing agency	-																								
Annual revenue (Tk)	3,721,934	Training	-																								
Annual expenditure (Tk)	4,182,509	Nos. of training	1																								
Annual O&M Costs (Tk)	4,182,509	Nos. of Staff	0																								
Annual billings (Tk)	4,851,411	Name of training (1)	N/A																								
Annual collections (Tk)	3,580,400	Name of training (2)	-																								
Water arrears (Tk)	1,271,011	Name of training (3)	-																								
Electricity arrears (Tk)	0	D. Non-Piped Water Supply Area																									
Payment methods	, Bank	1. Necessity of Piped Water Supply																									
Self-billing	No	Main treatment method in domestic	None, , ,																								
Billing frequency	Monthly	As contaminated wells (Nos.)	Do not know																								
6. Water Tariff and Metering (See Tariff Database)		Arsenic contaminated water supply (%)	Do not know																								
Tariff Structure	Based on pipe size	Unhygienic drinking water (%)	No data																								
Domestic 13 mm (1/2") (Tk/month)	150	% of people using neighbor's well for drinking	25																								
Non-domestic lowest (Tk/month)	300	Problems in non-piped water supply area	Salinity on shallow well, Shallow wells are contaminated easily																								
Lowest volumetric charge (Tk/m ³)	0	3. Potential Water Sources for Non-Piped Water Supply System																									
D. Non-Piped Water Supply Area																											
1. Necessity of Piped Water Supply																											
Necessity of Piped water	Yes	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Salinity</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>Salinity</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Salinity	Deep well	High	Iron	Surface water sources	Moderate	Salinity	Other sources	No	-									
Potential water sources	Evaluation	WQ problems																									
Shallow well	None	Salinity																									
Deep well	High	Iron																									
Surface water sources	Moderate	Salinity																									
Other sources	No	-																									
Water meter	Yes	Decrease of ground water level																									
Reasons	For the better revenue collection	Shallow well (m/year)	0.1																								
Affordability (answered by pourashava staff)	0	Deep well (m/year)	Don't know																								
Average household income/month (Tk)	15,000																										
Affordability for piped water (Tk/month)	150																										
Affordable price in total household income (%)	0																										
2. Exiting Water Sources in Non-Piped Water Supply Area																											
<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Shallow well</td> <td>740</td> <td>100</td> <td>100</td> </tr> <tr> <td>Deep well</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Ponds</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		Source	Nos. of source	Drinking (%)	Domestic (%)	River	0	0	0	Shallow well	740	100	100	Deep well	0	0	0	Ponds	0	0	0	Other sources	0	0	0		
Source	Nos. of source	Drinking (%)	Domestic (%)																								
River	0	0	0																								
Shallow well	740	100	100																								
Deep well	0	0	0																								
Ponds	0	0	0																								
Other sources	0	0	0																								

A. Pourashava Profile

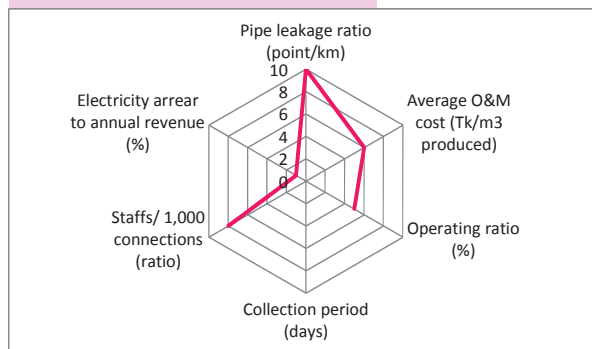
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Shariatpur	Water sealed slab latrine (%)	18
Year established	1998	Water-related diseases	, , Cholera, , Dysentery, Skin disease
Contact Tel/Fax	0601-59171, 01711515131	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	33,500	Annual budget (Tk)	75,965,243
Nos. of households (FY2010/2011)	5,338	Revenue (Tk)	7,382,425
Literacy (%)	70	Expenditure (Tk)	7,382,425
Land area (km ²)	11	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	76	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	65	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	5		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	20	Metering ratio (%)	0
Per capita produced water (L/d/ca)	25	Operating ratio (%)	95
Supply Hour (Hrs)	1.5	Collection ratio in amount (%)	62
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	10.9	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m ³ produced)	3.4	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.2		



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)	2009	Chlorination points (Nos.)	
Piped system introduced (year)	2009	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.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	170

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.)	2	Distribution network (km):	9,200
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	100
Ave. depth (m)	247	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	57	Production wells	No problem
Ave. current capacity per unit (m ³ /hrs)	57	Pump	No problem
Ave. production hours, Summer (hrs/day)	2	Treatment plant	-
Total production, Summer (m ³ /day)	170	Pipeline	Leakage, break of joint
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Break of joint
IRP	0	O&M manuals (Nos.)	2
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	100
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		

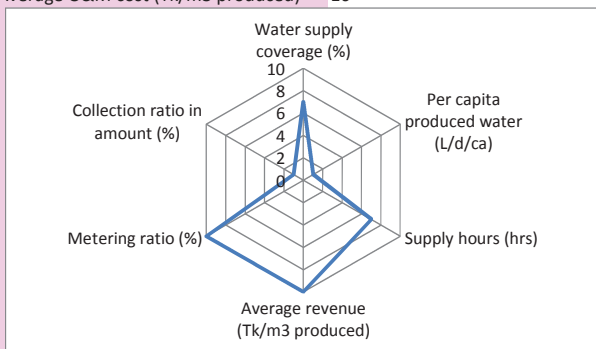
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	100
Rehabilitation		Tariff adopted year	2009
Production tube well	No	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality monitoring plan	No
Expansion		Parameters checked	-
Production tube well	Yes	Frequency of quality test	-
Treatment plant	Yes	Nos. of sampling location /year	-
Distribution network	Yes	Water quality problems	Iron problem
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	3	Major 3 problems	(1) Low coverage
Population served (people)	6,700		(2) Low treatment
Service connections (Nos.)	368		(3) Insufficient technical and managerial capacity
Domestic	350	Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	0		(2) House connection and water meter
Public institutions	4		(3) Enhancing customer services and public relations
Commercial & industrial	12	9. Past and On-going Projects and Training	
Others	2	(1) Past 10 years projects	
Total	368	Name	-
Metered connections (Nos.)	0	Period	-
Applications outstanding (Nos.)	0	Funding agency	-
New connections in 2010/2011 (Nos.)	0	Executing agency	-
Average waiting time (days)	0	(2) Past 10 years projects	-
Water pressure at the end of network	, , Low,	Name	-
Continuity of service (hrs/day)	2	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	100	Executing agency	-
Major complaints	(1) Pipe leakage	On-going projects	-
	(2) Pipe broken (House conn. + Distribution pipe)	Name	-
	(3) Dirty water	Period	-
5. Financial Information (FY2010/11)		Funding agency	-
Annual budget (Tk)	0	Executing agency	-
Annual revenue (Tk)	210,000	Training	-
Annual expenditure (Tk)	199,924	Nos. of training	0
Annual O&M Costs (Tk)	199,924	Nos. of Staff	0
Annual billings (Tk)	340,000	Name of training (1)	-
Annual collections (Tk)	210,000	Name of training (2)	-
Water arrears (Tk)	Do not know	Name of training (3)	-
Electricity arrears (Tk)	0	D. Non-Piped Water Supply Area	
Payment methods	,	1. Necessity of Piped Water Supply	
Self-billing	Yes	Main treatment method in domestic	, Boiling, , Filtration
Billing frequency	Monthly	As contaminated wells (Nos.)	85
6. Water Tariff and Metering (See Tariff Database)		Arsenic contaminated water supply (%)	1
Tariff Structure	Based on pipe size	Unhygienic drinking water (%)	5
Domestic 13 mm (1/2") (Tk/month)	100	% of people using neighbor's well for drinking	50
Non-domestic lowest (Tk/month)	0	Problems in non-piped water supply area	Arsenic, iron ,
Lowest volumetric charge (Tk/m ³)	0	3. Potential Water Sources for Non-Piped Water Supply System	
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Water meter	Yes	Shallow well	None Arsenic
Reasons	Water misuse will be prevented and revenue will be increased	Deep well	Moderate No problem
Affordability (answered by pourashava staff)	0	Surface water sources	- -
Average household income/month (Tk)	20,000	Other sources	No -
Affordability for piped water (Tk/month)	150	Decrease of ground water level	
Affordable price in total household income (%)	1	Shallow well (m/year)	1.6
2. Exiting Water Sources in Non-Piped Water Supply Area		Deep well (m/year)	1.6
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	150	2	50
Deep well	320	98	30
Ponds	100	0	20
Other sources	0	0	0

A. Pourashava Profile

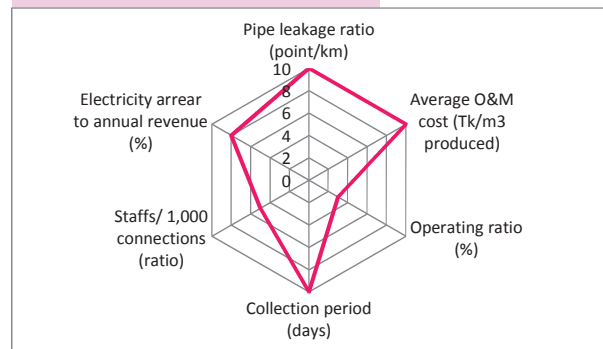
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	70
District	Narshingdi	Water sealed slab latrine (%)	10
Year established	1985	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	+880-62862178	Technical staff (Nos.)	40
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	176,800	Annual budget (Tk)	249,936,380
Nos. of households (FY2010/2011)	27,630	Revenue (Tk)	203,318,842
Literacy (%)	45	Expenditure (Tk)	171,043,918
Land area (km ²)	10	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)	428	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	98	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	18		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	37	Metering ratio (%)	88
Per capita produced water (L/d/ca)	14	Operating ratio (%)	73
Supply Hour (Hrs)	7	Collection ratio in amount (%)	34
Non-revenue water (NRW) (%)	30	Collection period (days)	443
Pipe leakage ratio (point/km)	11.4	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	21.8	Electricity arrear to annual revenue (%)	63
Average O&M cost (Tk/m ³ produced)	16		



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)	1986	Chlorination points (Nos.)	
Piped system introduced (year)	1985	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities, Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	19	Bulk flow meters (Nos.)	7
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	7
		Total production, Summer (m ³ /day)	903

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)	1,000
PTW (Nos.)	7	Distribution network (km):	5,872
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	67
Ave. depth (m)	140	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	76	Production wells	strainer problem
Ave. current capacity per unit (m ³ /hrs)	11	Pump	old
Ave. production hours, Summer (hrs/day)	7	Treatment plant	-
Total production, Summer (m ³ /day)	903	Pipeline	iron blockage
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	No
Plants not in operation	0	Annual leakages (Nos.)	67
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		

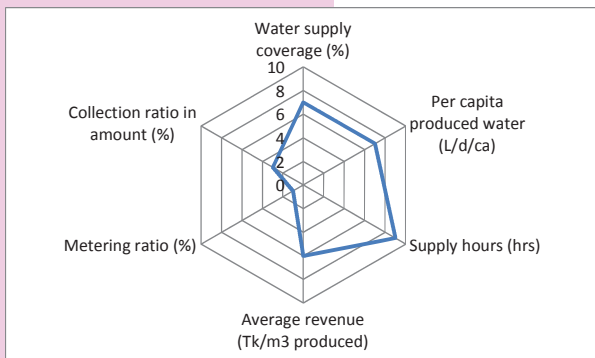
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,200
Rehabilitation		Tariff adopted year	Oct, 2011
Production tube well	Yes	Tariff setting policy	Full cost recovery, Operation cost recovery (O&M costs), Demand management, People's affordability to pay, ,
Treatment plant	No	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	Contamination of Fe
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	7	Major 3 problems	(1) Low coverage
Population served (people)	65,416		(2) Water quality problem
Service connections (Nos.)	2,484		(3) Less financial resources
Domestic	2,462	Major 3 priority needs	(1) 24-hour supply
Public tap/ stand pipe	4		(2) Production well and pump
Public institutions	0		(3) House connection and water meter
Commercial & industrial	22	9. Past and On-going Projects and Training	
Others	0	(1) Past 10 years projects	
Total	2,488	Name	-
Metered connections (Nos.)	2,190	Period	-
Applications outstanding (Nos.)	0	Funding agency	-
New connections in 2010/2011 (Nos.)	0	Executing agency	-
Average waiting time (days)	0	(2) Past 10 years projects	-
Water pressure at the end of network	, , Low,	Name	-
Continuity of service (hrs/day)	7	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	67	Executing agency	-
Major complaints	(1) Low pressure	On-going projects	-
	(2) Contamination of Fe	Name	-
	(3) Leakage	Period	-
5. Financial Information (FY2010/11)			-
Annual budget (Tk)	249,936,380		-
Annual revenue (Tk)	7,187,500		-
Annual expenditure (Tk)	5,723,000		-
Annual O&M Costs (Tk)	5,273,000		-
Annual billings (Tk)	12,373,640		-
Annual collections (Tk)	4,241,400		-
Water arrears (Tk)	8,721,220		-
Electricity arrears (Tk)	4,500,000		-
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)	150		-
Non-domestic lowest (Tk/month)	500		-
Lowest volumetric charge (Tk/m ³)	0		-
D. Non-Piped Water Supply Area			-
1. Necessity of Piped Water Supply			-
Necessity of Piped water	Yes		-
Water meter	Yes		-
Reasons	People have the ability to pay the water bill		-
Affordability (answered by pourashava staff)	0		-
Average household income/month (Tk)	5,417-6,250		-
Affordability for piped water (Tk/month)	200		-
Affordable price in total household income (%)	60		-
2. Existing Water Sources in Non-Piped Water Supply Area			-
Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	5	5
Shallow well	3,000	70	65
Deep well	2,000	20	25
Ponds	0	3	3
Other sources	0	2	2
		Decrease of ground water level	
		Shallow well (m/year)	-
		Deep well (m/year)	-
		3. Potential Water Sources for Non-Piped Water Supply System	
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	N/A	
Deep well	High	-	
Surface water sources	Moderate	No problem	
Other sources	No	-	

A. Pourashava Profile

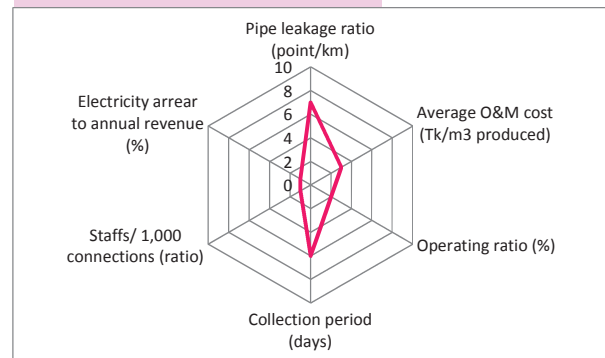
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	60
District	Natore	Water sealed slab latrine (%)	0
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	0771-66920	Technical staff (Nos.)	15
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	85,001	Annual budget (Tk)	1,185,442,014
Nos. of households (FY2010/2011)	10,377	Revenue (Tk)	43,920,069
Literacy (%)	68	Expenditure (Tk)	42,573,256
Land area (km ²)	15	Computerization	, 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)	128	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	20		
Winter	24		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	0
Per capita produced water (L/d/ca)	140	Operating ratio (%)	62
Supply Hour (Hrs)	8.5	Collection ratio in amount (%)	65
Non-revenue water (NRW) (%)	-	Collection period (days)	136
Pipe leakage ratio (point/km)	3.2	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	3.5	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	2.1		



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)	1992	Chlorination points (Nos.)	
Piped system introduced (year)	1979	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	-
Staff in water section (Nos.)	18	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	5	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	4,759

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)	1,130
PTW (Nos.)	8	Distribution network (km):	47,000
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	150
Ave. depth (m)	69	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	110	Production wells	Fe problem, strainer blocked, old PTW
Ave. current capacity per unit (m ³ /hrs)	85	Pump	Old
Ave. production hours, Summer (hrs/day)	7	Treatment plant	
Total production, Summer (m ³ /day)	4,759	Pipeline	Ruster, leakage, old
Treatment plants (Nos.)		Customer water meter	propeller block as Fe
AIRP	0	House connection	
IRP	1	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	Yes
Plants not in operation	1	Annual leakages (Nos.)	150
Production of plant	0	Leakage detection activity	Yes
Total capacity (m ³ /hrs)	380		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	1,500		
Rehabilitation			Tariff adopted year	2011		
Production tube well	Yes		Tariff setting policy	, Operation cost recovery (O&M costs), ''''		
Treatment plant	Yes		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			
4. Customer Service (Service indicators)			8. Problems and Priority Needs			
Coverage area (km ²)	6		Major 3 problems	(1) Low coverage and leakage		
Population served (people)	34,000			(2) Insufficient technical and management capacity		
Service connections (Nos.)	3,514			(3) Less financial resources		
Domestic	3,141		Major 3 priority needs	(1) Increase of production capacity		
Public tap/ stand pipe	280			(2) Expansion and replacement of network		
Public institutions	38			(3) Distribution network		
Commercial & industrial	55					
Others	0					
Total	3,514					
Metered connections (Nos.)	0					
Applications outstanding (Nos.)	100					
New connections in 2010/2011 (Nos.)	150					
Average waiting time (days)	3					
Water pressure at the end of network	, , Low,					
Continuity of service (hrs/day)	9					
Customer with 24 hrs supply (%)	0					
Annual complaints (Nos.)	675					
Major complaints	(1) No water supply					
	(2) Low water pressure					
	(3) water leakage					
5. Financial Information (FY2010/11)			9. Past and On-going Projects and Training			
Annual budget (Tk)	7,452,009		(1) Past 10 years projects			
Annual revenue (Tk)	5,993,223		Name	-		
Annual expenditure (Tk)	3,723,188		Period	-		
Annual O&M Costs (Tk)	3,723,188		Funding agency	-		
Annual billings (Tk)	6,346,844		Executing agency	-		
Annual collections (Tk)	4,109,940		(2) Past 10 years projects	-		
Water arrears (Tk)	2,236,904		Name	-		
Electricity arrears (Tk)	0		Period	-		
Payment methods	, Bank		Funding agency	-		
Self-billing	No		Executing agency	-		
Billing frequency	Quarterly		On-going projects	-		
6. Water Tariff and Metering (See Tariff Database)			Name	-		
Tariff Structure	Based on pipe size		Period	STWSSP		
Domestic 13 mm (1/2") (Tk/month)	100		Funding agency	2009-2013		
Non-domestic lowest (Tk/month)	150		Executing agency	ADB, GOB		
Lowest volumetric charge (Tk/m ³)	7		Training	Pouroshava, DPHE		
D. Non-Piped Water Supply Area			Nos. of training	0		
1. Necessity of Piped Water Supply			Nos. of Staff	5		
Necessity of			Nos. of training (1)	17		
Piped water	Yes		Name of training (1)	Water Meter installation and O&M		
Water meter	Yes		Name of training (2)	Double entry Accounting		
Reasons	All people are willing to pay		Name of training (3)	Gender Training		
Affordability (answered by pourashava staff)	0					
Average household income/month (Tk)	5,000					
Affordability for piped water (Tk/month)	150					
Affordable price in total household income (%)	3					
2. Existing Water Sources in Non-Piped Water Supply Area			3. Potential Water Sources for Non-Piped Water Supply System			
Source	Nos. of source	Drinking (%)	Domestic (%)			
River	0	0	0			
Shallow well	400	100	80			
Deep well	0	0	0			
Ponds	25	0	20			
Other sources	0	0	0			
				Potential water sources	Evaluation	WQ problems
				Shallow well	None	Iron problem
				Deep well	High	Fe
				Surface water sources	-	-
				Other sources	No	0
				Decrease of ground water level		
				Shallow well (m/year)		
				Deep well (m/year)	1.0-1.2	

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	15
District	Netrokona	Water sealed slab latrine (%)	45
Year established	1887	Water-related diseases	, , , Typhoid, Dysentery,
Contact Tel/Fax	0951-62527/ 0951-51071	Technical staff (Nos.)	10
E-mail	netpou@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	102,000	Annual budget (Tk)	89,959,575
Nos. of households (FY2010/2011)	11,400	Revenue (Tk)	49,100,433
Literacy (%)	79	Expenditure (Tk)	43,203,791
Land area (km ²)	21	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	9	Committee formed	
Residential area pop. density (persons/ha)	116	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	48	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	12	Metering ratio (%)	69
Per capita produced water (L/d/ca)	139	Operating ratio (%)	57
Supply Hour (Hrs)	5	Collection ratio in amount (%)	34
Non-revenue water (NRW) (%)	15	Collection period (days)	250
Pipe leakage ratio (point/km)	4.3	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	11.3	Electricity arrear to annual revenue (%)	6
Average O&M cost (Tk/m ³ produced)	6.4		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile

1. General Information of Water Supply Section		Chlorination points (Nos.)	
Water section established (year)	1994	PTW	0
Piped system introduced (year)	1982	IRP/AIRP	0
Pourashava responsibility	O&M, , Part of construction	Surface WTP	0
Computerization/Automation	, Billing, Accounting, , , ,	Bulk flow meters (Nos.)	1
Staff in water section (Nos.)	14	Bulk flow meter readings (Nos.)	1
In which, staff with diploma or higher qualification (Nos.)	2	Total production, Summer (m ³ /day)	1,750
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):	30,044
PTW (Nos.)	4	Leakages in distribution (Nos.)	128
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	101	Production wells	Colum Pipe
Capacity at commission (m ³ /hrs)	93	Pump	Impeller trouble.
Ave. current capacity per unit (m ³ /hrs)	88	Treatment plant	-
Ave. production hours, Summer (hrs/day)	5	Pipeline	Less diameter Pipe line under the roads
Total production, Summer (m ³ /day)	1,750	Customer water meter	Iron
Treatment plants (Nos.)		House connection	Iron
AIRP	0	O&M manuals (Nos.)	0
IRP	0	O&M assistance form DPHE	Yes
Surface water treatment plants	0	Annual leakages (Nos.)	128
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		

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	750
Rehabilitation		Tariff adopted year	2012
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	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	Iron contamination, but minor problem.
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	6	Major 3 problems	(1) Low coverage
Population served (people)	12,565		(2) Less financial resources
Service connections (Nos.)	1,348		(3) Insufficient technical & managerial capacity
Domestic	1,244	Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	49		(2) Production well and pump
Public institutions	28		(3) 24-hour supply
Commercial & industrial	27	9. Past and On-going Projects and Training	
Others	0	(1) Past 10 years projects	
Total	1,348	Name	-
Metered connections (Nos.)	930	Period	-
Applications outstanding (Nos.)	0	Funding agency	-
New connections in 2010/2011 (Nos.)	0	Executing agency	-
Average waiting time (days)	0	(2) Past 10 years projects	-
Water pressure at the end of network	, , Low,	Name	-
Continuity of service (hrs/day)	5	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	260	Executing agency	-
Major complaints	(1) Low pressure	On-going projects	-
	(2) Short supply hours	Name	-
	(3) -	Period	STWSSP
5. Financial Information (FY2010/11)		Funding agency	2010-2013
Annual budget (Tk)	89,959,575	Executing agency	ADB
Annual revenue (Tk)	7,210,879	(2) Past 10 years projects	GOB
Annual expenditure (Tk)	4,217,251	Name	-
Annual O&M Costs (Tk)	4,084,251	Period	-
Annual billings (Tk)	7,385,411	Funding agency	-
Annual collections (Tk)	2,489,516	Executing agency	-
Water arrears (Tk)	4,935,895	On-going projects	-
Electricity arrears (Tk)	455,000	Name	-
Payment methods	, Bank	Period	2010-2013
Self-billing	No	Funding agency	ADB
Billing frequency	Monthly	Executing agency	GOB
6. Water Tariff and Metering (See Tariff Database)		Training	-
Tariff Structure	Metered rate	Nos. of training	3
Domestic 13 mm (1/2") (Tk/month)	130	Nos. of Staff	7
Non-domestic lowest (Tk/month)	320	Name of training (1)	water Meter installation, operation and maintenance
Lowest volumetric charge (Tk/m ³)	0	Name of training (2)	Meter Based Billing System
D. Non-Piped Water Supply Area		Name of training (3)	Double Entry accounting system
1. Necessity of Piped Water Supply		Main treatment method in domestic , Boiling, ,	
Necessity of Piped water	Yes	As contaminated wells (Nos.)	0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	About 90% of people is willing to pay according to consumption.	Unhygienic drinking water (%)	10
		% of people using neighbor's well for drinking	30
		Problems in non-piped water supply area	Distance to water sources is far.,
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	2,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	200	Shallow well	-
Affordable price in total household income (%)	10	Deep well	Moderate
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	Moderate
		Other sources	No
Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	0	15
Shallow well	3,541	60	35
Deep well	65	40	25
Ponds	15	0	25
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	-
		Deep well (m/year)	-

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	25
District	Nilphamari	Water sealed slab latrine (%)	35
Year established	1972	Water-related diseases	, , , ,
Contact Tel/Fax	Tel: 0551-61601	Technical staff (Nos.)	8
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	152,000	Annual budget (Tk)	143,137,077
Nos. of households (FY2010/2011)	8,350	Revenue (Tk)	35,977,077
Literacy (%)	67	Expenditure (Tk)	33,243,000
Land area (km ²)	28	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	12	Committee formed	
Residential area pop. density (persons/ha)	123	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	12		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)			
Water supply coverage (%)	26	Metering ratio (%)	0
Per capita produced water (L/d/ca)	75	Operating ratio (%)	98
Supply Hour (Hrs)	7	Collection ratio in amount (%)	78
Non-revenue water (NRW) (%)	17.64	Collection period (days)	890
Pipe leakage ratio (point/km)	1.1	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	0.8	Electricity arrear to annual revenue (%)	953
Average O&M cost (Tk/m ³ produced)	0.8		

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)	1996	Chlorination points (Nos.)	
Piped system introduced (year)	1984	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	7	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)	3,015
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)	450
PTW (Nos.)	7	Distribution network (km):	32,500
PTW not in operation (Nos.)	3	Leakages in distribution (Nos.)	35
Ave. depth (m)	118	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	120	Production wells	PTW 1, 2 & 4 functioning
Ave. current capacity per unit (m ³ /hrs)	114	Pump	Shaft broken & motor burning, etc.
Ave. production hours, Summer (hrs/day)	7	Treatment plant	-
Total production, Summer (m ³ /day)	3,015	Pipeline	Leakage, burst due to heavy vehicle running over pipelines.
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	- Leakage from fittings - Unintentional damage
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.)	35
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		

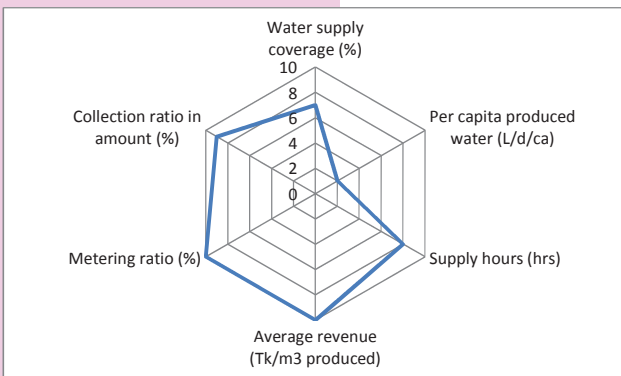
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	300
Rehabilitation		Tariff adopted year	1994
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality monitoring plan	No
Expansion		Parameters checked	-
Production tube well	Yes	Frequency of quality test	-
Treatment plant	Yes	Nos. of sampling location /year	-
Distribution network	Yes	Water quality problems	Iron
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	10	Major 3 problems	(1) Low coverage
Population served (people)	40,000		(2) Less financial resources
Service connections (Nos.)	1,395		(3) In sufficient technical and managerial capacity
Domestic	1,378	Major 3 priority needs	(1) Increase of water pressure
Public tap/ stand pipe	5		(2) Treatment plant
Public institutions	4		(3) Distribution network
Commercial & industrial	8		
Others	0		
Total	1,395		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	, Fair, ,	Funding agency	-
Continuity of service (hrs/day)	7	Executing agency	-
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	
Annual complaints (Nos.)	50-60	Name	-
Major complaints	(1) Water supply with full pressure is not available (2) 24 hours supply is not made (3) More/sufficient pipe line is public demand Iron free water	Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	
		Name	-
		Period	37 District Towns Water Supply Project
		Funding agency	2012-13
		Executing agency	GOB
		Training	DPHE
		Nos. of training	-
		Nos. of Staff	3
		Name of training (1)	8
		Name of training (2)	Basic computer training
		Name of training (3)	Project management
			Billing/ payment system
5. Financial Information (FY2010/11)			
Annual budget (Tk)	2,012,500		
Annual revenue (Tk)	902,100		
Annual expenditure (Tk)	884,841		
Annual O&M Costs (Tk)	884,148		
Annual billings (Tk)	1,150,000		
Annual collections (Tk)	902,100		
Water arrears (Tk)	2,200,000		
Electricity arrears (Tk)	8,600,000		
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)	300		
Non-domestic lowest (Tk/month)	4,000		
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 Piped water	Yes	As contaminated wells (Nos.)	No data
Water meter	Yes	Arsenic contaminated water supply (%)	No data
Reasons	- To save water and reduce waste in household - By knowing how much water are using the householder.	Unhygienic drinking water (%)	No data
		% 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)	10,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	100	Shallow well	None 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	- -
Source	Nos. of source	Other sources	Yes -
River	0	Decrease of ground water level	
Shallow well	4,250	Shallow well (m/year)	3.0
Deep well	0	Deep well (m/year)	4.0
Ponds	No data		
Other sources	0		

A. Pourashava Profile

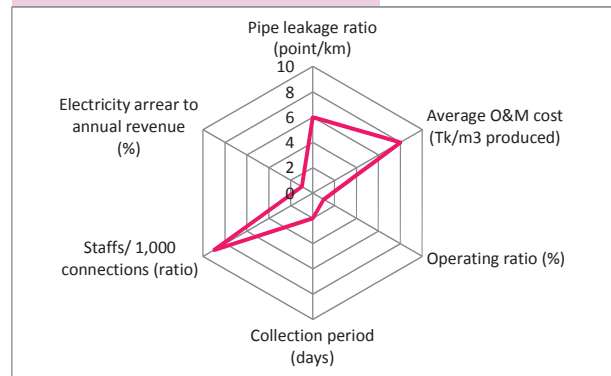
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	55
District	Noakhali	Water sealed slab latrine (%)	25
Year established	1876	Water-related diseases	, , , , ,
Contact Tel/Fax	32161881	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	197,000	Annual budget (Tk)	309,529,518
Nos. of households (FY2010/2011)	12,527	Revenue (Tk)	95,255,500
Literacy (%)	65	Expenditure (Tk)	94,570,879
Land area (km ²)	17	Computerization	Holding tax management, Accounting, Trade license, Salary payment, , Engineering, , ,
Residential area (km ²)	9	Committee formed	
Residential area pop. density (persons/ha)	230	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	100
Per capita produced water (L/d/ca)	47	Operating ratio (%)	23
Supply Hour (Hrs)	8	Collection ratio in amount (%)	97
Non-revenue water (NRW) (%)	-	Collection period (days)	19
Pipe leakage ratio (point/km)	2.5	Staffs/ 1,000 connections (ratio)	15
Average revenue (Tk/m ³ produced)	23.1	Electricity arrear to annual revenue (%)	0
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
Piped system introduced (year)	2005
Pourashava responsibility	O&M, Construction of water supply facilities,
Computerization/Automation	None, , , , ,
Staff in water section (Nos.)	41
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.)	7
PTW not in operation (Nos.)	1
Ave. depth (m)	262
Capacity at commission (m ³ /hrs)	59
Ave. current capacity per unit (m ³ /hrs)	52
Ave. production hours, Summer (hrs/day)	12
Total production, Summer (m ³ /day)	3,720
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)	500
Production hours, Summer (hrs/day)	12
Total production (m ³ /day)	6,000

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	1
Surface WTP	-
Bulk flow meters (Nos.)	7
Bulk flow meter readings (Nos.)	6
Total production, Summer (m ³ /day)	3,720
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	3
Total capacity (m ³)	2,100
Distribution network (km):	130,000
Leakages in distribution (Nos.)	325
(3) O&M Problems	
Production wells	Decrease of production capacity
Pump	Mechanical problem of submersible pump.
Treatment plant	Need more back washing for iron flock
Pipeline	Leakage
Customer water meter	Leakage
House connection	Leakage
O&M manuals (Nos.)	6
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	325
Leakage detection activity	No

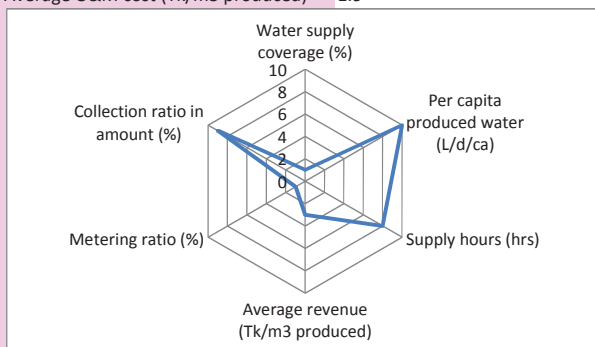
3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	1,000
Rehabilitation			Tariff adopted year	2012
Production tube well	Yes		Tariff setting policy	Full cost recovery, , , People's affordability to pay, ,
Treatment plant	No			
Distribution network	No			
Expansion				
Production tube well	Yes			
Treatment plant	Yes			
Distribution network	Yes			
4. Customer Service (Service indicators)				
Coverage area (km ²)	9			
Population served (people)	78,800			
Service connections (Nos.)	2,767			
Domestic	2,667			
Public tap/ stand pipe	0			
Public institutions	0			
Commercial & industrial	100			
Others	0			
Total	2,767			
Metered connections (Nos.)	2,767			
Applications outstanding (Nos.)	80			
New connections in 2010/2011 (Nos.)	325			
Average waiting time (days)	15-20			
Water pressure at the end of network	, , Low,			
Continuity of service (hrs/day)	8			
Customer with 24 hrs supply (%)	0			
Annual complaints (Nos.)	350			
Major complaints	(1) Leakage Problem			
	(2) 24 hrs supply problem			
	(3) No water supply available at the end of pipeline.			
5. Financial Information (FY2010/11)				
Annual budget (Tk)	2,073,909			
Annual revenue (Tk)	31,388,907			
Annual expenditure (Tk)	24,481,335			
Annual O&M Costs (Tk)	7,280,111			
Annual billings (Tk)	11,551,934			
Annual collections (Tk)	11,174,539			
Water arrears (Tk)	1,617,068			
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)	0			
Non-domestic lowest (Tk/month)	0			
Lowest volumetric charge (Tk/m ³)	7			
7. Water Quality Monitoring				
Water quality monitoring plan	No			
Parameters checked	-			
Frequency of quality test	-			
Nos. of sampling location /year	-			
Water quality problems				
8. Problems and Priority Needs				
Major 3 problems	(1) Power supply not available			
	(2) Low treatment technology			
	(3) Leakage, Iron flock problem in the pipeline at transmission			
Major 3 priority needs	(1) Production well and pump			
	(2) Treatment plant			
	(3) -			
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		0		
Nos. of training		2		
Nos. of Staff		5		
Name of training (1)		Water billing software		
Name of training (2)		Water supply & Solid waste management		
Name of training (3)		-		
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.)	1,335
Water meter	Yes		Arsenic contaminated water supply (%)	60
Reasons	1. To save water and reduce water in household 2. By knowing how much water produced and how much water delivered to the consumers, the amount of non-revenue water will be known		Unhygienic drinking water (%)	5
			% of people using neighbor's well for drinking	30
			Problems in non-piped water supply area	Arsenic, Iron, Salinity, Bacteria
Affordability (answered by pourashava staff)	0			
Average household income/month (Tk)	8,000			
Affordability for piped water (Tk/month)	250			
Affordable price in total household income (%)	3			
2. Existing Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	1	0	2	
Shallow well	1,335	95	20	
Deep well	0	0	0	
Ponds	300	5	0	
Other sources	0	0	78	
3. Potential Water Sources for Non-Piped Water Supply System				
Potential water sources	Evaluation	WQ problems		
Shallow well	Moderate	Arsenic, Iron, Chloride		
Deep well	Can't evalu			
Surface water sources	None	Unhygienic		
Other sources	No	0		
Decrease of ground water level				
Shallow well (m/year)	Do not know			
Deep well (m/year)	Do not know			

A. Pourashava Profile

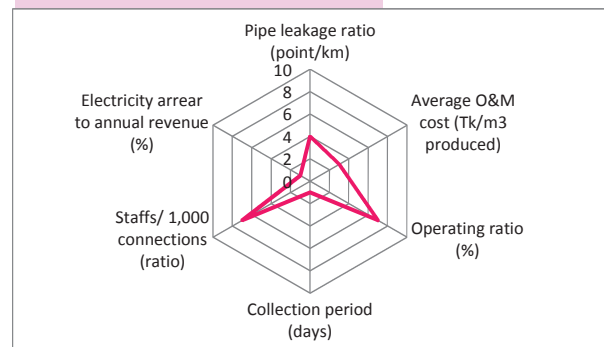
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	49
District	Jessore	Water sealed slab latrine (%)	51
Year established	1996	Water-related diseases	, , , ,
Contact Tel/Fax	Tel : 04222-71211, Fax : 04222-71522	Technical staff (Nos.)	14
E-mail	mayor_nowapara_paurashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	86,586	Annual budget (Tk)	569,088,090
Nos. of households (FY2010/2011)	12,401	Revenue (Tk)	25,222,500
Literacy (%)	77	Expenditure (Tk)	24,854,500
Land area (km ²)	25	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	12	Committee formed	
Residential area pop. density (persons/ha)	73	TLCC /Frequency of meeting	Yes, 3 month
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 (%)	5	Metering ratio (%)	0
Per capita produced water (L/d/ca)	238	Operating ratio (%)	105
Supply Hour (Hrs)	8	Collection ratio in amount (%)	95
Non-revenue water (NRW) (%)	13	Collection period (days)	9
Pipe leakage ratio (point/km)	1.6	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	1.8	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)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	2006	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	0
Staff in water section (Nos.)	3	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)	950

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.)	2	Distribution network (km):	14,437
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	23
Ave. depth (m)	88	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	60	Production wells	No problem
Ave. current capacity per unit (m ³ /hrs)	50	Pump	Problem of circuit breaker & burn of motor
Ave. production hours, Summer (hrs/day)	10	Treatment plant	-
Total production, Summer (m ³ /day)	950	Pipeline	i. Failure of pressure coupling ii. Frequently leakage
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Connection of joint
IRP	0	O&M manuals (Nos.)	3
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	23
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		

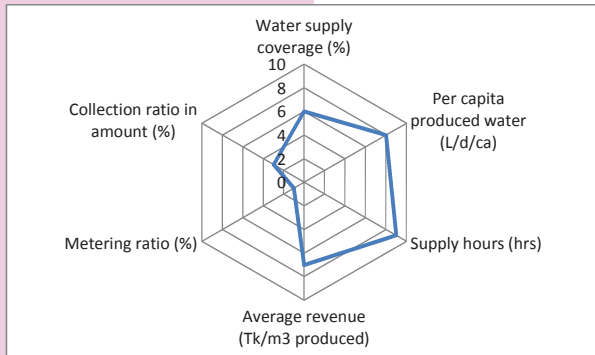
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	300
Rehabilitation		Tariff adopted year	2008
Production tube well	No	Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality monitoring plan	No
Expansion		Parameters checked	-
Production tube well	Yes	Frequency of quality test	-
Treatment plant	Yes	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)	4	Major 3 problems	(1) Low coverage
Population served (people)	4,000		(2) Less financial resources
Service connections (Nos.)	302		(3) In sufficient technical and managerial capacity.
Domestic	288	Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	11		(2) Expansion and replacement of network
Public institutions	1		(3) Improvement of water quality
Commercial & industrial	2		
Others	0		
Total	302		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	, Fair, ,	Funding agency	-
Continuity of service (hrs/day)	8	Executing agency	-
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	
Annual complaints (Nos.)	30	Name	-
Major complaints	(1) Low pressure	Period	-
	(2) No 24 hours supply	Funding agency	-
	(3) Leakage of connection	Executing agency	-
5. Financial Information (FY2010/11)		On-going projects	
Annual budget (Tk)	0	Name	-
Annual revenue (Tk)	625,000	Period	-
Annual expenditure (Tk)	520,500	Funding agency	-
Annual O&M Costs (Tk)	656,534	Executing agency	-
Annual billings (Tk)	288,726	Training	
Annual collections (Tk)	272,916	Nos. of training	0
Water arrears (Tk)	15,810	Nos. of Staff	0
Electricity arrears (Tk)	0	Name of training (1)	-
Payment methods	, Bank	Name of training (2)	-
Self-billing	No	Name of training (3)	-
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Based on pipe size		
Domestic 13 mm (1/2") (Tk/month)	300		
Non-domestic lowest (Tk/month)	4,000		
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 Piped water	Yes	As contaminated wells (Nos.)	51
Water meter	Yes	Arsenic contaminated water supply (%)	1
Reasons	i. Customers to pay the bill as per their water volume consumed. ii. For actual revenue income in the water section of Pourashava	Unhygienic drinking water (%)	No data
Affordability (answered by pourashava staff)	0	% of people using neighbor's well for drinking	8
Average household income/month (Tk)	15,000	Problems in non-piped water supply area	No problem, No problem
Affordability for piped water (Tk/month)	80	3. Potential Water Sources for Non-Piped Water Supply System	
Affordable price in total household income (%)	1	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
2. Exiting Water Sources in Non-Piped Water Supply Area		Shallow well	None N
Source	Nos. of source	Deep well	High N
River	0	Surface water sources	- -
Shallow well	570	Other sources	Yes -
Deep well	70	Decrease of ground water level	
Ponds	0	Shallow well (m/year)	1.00-2.00
Other sources	0	Deep well (m/year)	-

A. Pourashava Profile

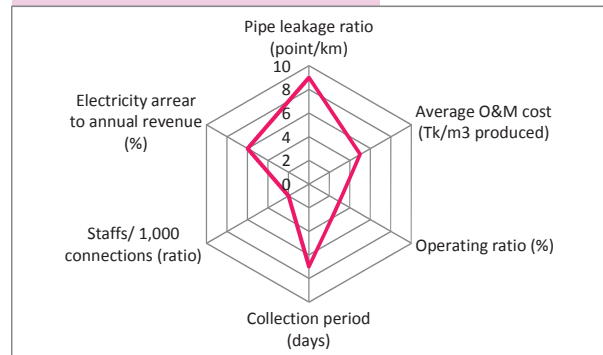
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	65
District	Pabna	Water sealed slab latrine (%)	20
Year established	1876	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0731-65550, 0731-65260 (PABX),	0731-65427, 0731-66320	
E-mail	pabna.pourashava@yahoo.com	Technical staff (Nos.)	21
Population (FY2010/2011)	181,939	Financial statements (2010/2011)	
Nos. of households (FY2010/2011)	26,825	Annual budget (Tk)	866,600,000
Literacy (%)	73	Revenue (Tk)	78,145,000
Land area (km ²)	27	Expenditure (Tk)	56,690,000
Residential area (km ²)	10	Computerization	Holding tax management, Accounting, , Salary payment, , , Yearly logical budget preparation, Procurement,
Residential area pop. density (persons/ha)	178	Committee formed	
Electricity coverage (%)	90	TLCC /Frequency of meeting	Yes, 4 months
Electricity availability (hrs)		WATSAN/Frequency of meeting	Yes, 4 months
Summer	14		
Winter	19		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	35	Metering ratio (%)	0
Per capita produced water (L/d/ca)	165	Operating ratio (%)	74
Supply Hour (Hrs)	10	Collection ratio in amount (%)	66
Non-revenue water (NRW) (%)	20	Collection period (days)	182
Pipe leakage ratio (point/km)	9.6	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	4.1	Electricity arrear to annual revenue (%)	12
Average O&M cost (Tk/m ³ produced)	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)	1973	Chlorination points (Nos.)	
Piped system introduced (year)	1951	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	Not operated
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	-
Staff in water section (Nos.)	42	Bulk flow meters (Nos.)	5
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	10,500

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.)	4
Production tube well		Total capacity (m ³)	2,497
PTW (Nos.)	12	Distribution network (km):	110,000
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	1,055
Ave. depth (m)	69	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	92	Production wells	Decreasing of production capacity
Ave. current capacity per unit (m ³ /hrs)	73	Pump	Burning of pump motor due to voltage fluctuation.
Ave. production hours, Summer (hrs/day)	11	Treatment plant	Source of deep tube well has fully chocked up.
Total production, Summer (m ³ /day)	10,500	Pipeline	AC, MS & Old PVC pipes causing frequent leakage & damaged.
Treatment plants (Nos.)		Customer water meter	Water meter in pump house is out of order. There is no water meter to replace in household level.
AIRP	0	House connection	
IRP	1	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	1	Annual leakages (Nos.)	1,055
Production of plant	0	Leakage detection activity	No
Total capacity (m ³ /hrs)	200		
Production hours, Summer (hrs/day)	Not operated		
Total production (m ³ /day)	0		

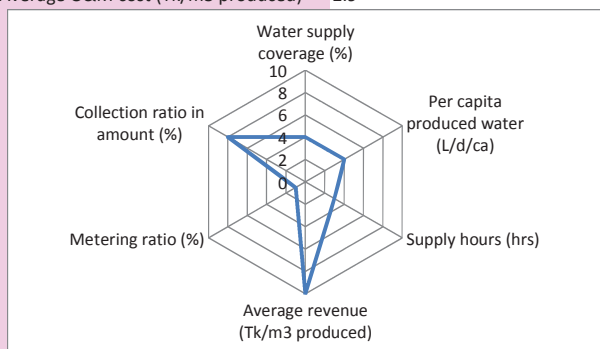
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	300
Rehabilitation		Tariff adopted year	2007
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	Yes		
Distribution network	Yes		
Expansion			
Production tube well	Yes		
Treatment plant	No		
Distribution network	Yes		
4. Customer Service (Service indicators)			
Coverage area (km ²)	17		
Population served (people)	63,680		
Service connections (Nos.)	7,130		
Domestic	5,740		
Public tap/ stand pipe	162		
Public institutions	270		
Commercial & industrial	887		
Others	71		
Total	7,130		
Metered connections (Nos.)	0		
Applications outstanding (Nos.)	12		
New connections in 2010/2011 (Nos.)	1,055		
Average waiting time (days)	5		
Water pressure at the end of network	, , Low,		
Continuity of service (hrs/day)	10		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	750		
Major complaints	(1) Non-availability sufficient water supply (2) Excess iron (3) Demand for 24 hours supply		
5. Financial Information (FY2010/11)			
Annual budget (Tk)	20,720,000		
Annual revenue (Tk)	15,664,155		
Annual expenditure (Tk)	11,531,341		
Annual O&M Costs (Tk)	11,531,341		
Annual billings (Tk)	17,189,298		
Annual collections (Tk)	11,381,058		
Water arrears (Tk)	7,808,240		
Electricity arrears (Tk)	1,923,106		
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)	100		
Non-domestic lowest (Tk/month)	200		
Lowest volumetric charge (Tk/m ³)	0		
7. Water Quality Monitoring			
Water quality monitoring plan	No		
Parameters checked	-		
Frequency of quality test	-		
Nos. of sampling location /year	-		
Water quality problems			
8. Problems and Priority Needs			
Major 3 problems	(1) Low area covered now. (2) Leakage in network (3) Less financial resource		
Major 3 priority needs	(1) Increase of production capacity (2) Expansion and replacement of network (3) Production well and pump		
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	- - - -	37-District Towns Water Supply 2010-2011 to 2013-2014 GOB DPHE
Training	Nos. of training Nos. of Staff Name of training (1) Name of training (2) Name of training (3)	0 1 1 - -	Water, sanitation and hygiene promotion.
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 (%)	35
Reasons	- To control wastage of water. - To collect actual revenue.	% of people using neighbor's well for drinking	2
		Problems in non-piped water supply area	Drawdown of water table on shallow tube well in summer., Ponds are contaminated by human waste.
Affordability (answered by pourashava staff)	0		
Average household income/month (Tk)	7,500		
Affordability for piped water (Tk/month)	250		
Affordable price in total household income (%)	3		
2. Existing Water Sources in Non-Piped Water Supply Area		3. Potential Water Sources for Non-Piped Water Supply System	
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	489	100	60
Deep well	0	0	0
Ponds	120	0	40
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	0.4
		Deep well (m/year)	0.2
		Potential water sources	Evaluation WQ problems
		Shallow well	Moderate Iron
		Deep well	High Fe
		Surface water sources	None No problem
		Other sources	No 0

A. Pourashava Profile

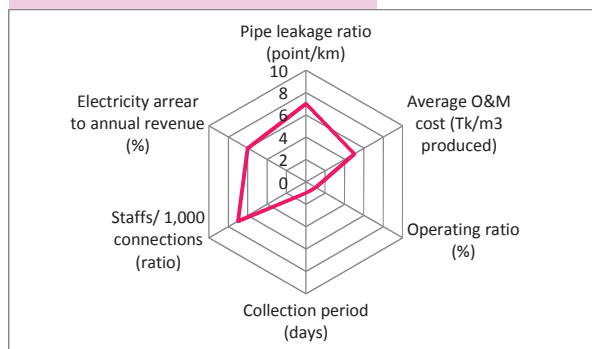
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	2.88
District	Rajbari	Water sealed slab latrine (%)	0.22
Year established	1990	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0	Technical staff (Nos.)	11
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	48,000	Annual budget (Tk)	128,357,584
Nos. of households (FY2010/2011)	4,250	Revenue (Tk)	11,346,381
Literacy (%)	70	Expenditure (Tk)	11,217,094
Land area (km ²)	13	Computerization	, , , , Rate schedule and estimate preparation, , Yearly logical budget preparation, Procurement,
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	96	TLCC /Frequency of meeting	No
Electricity coverage (%)	60	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	10		
Winter	14		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	21	Metering ratio (%)	0
Per capita produced water (L/d/ca)	80	Operating ratio (%)	8
Supply Hour (Hrs)	4	Collection ratio in amount (%)	93
Non-revenue water (NRW) (%)	-	Collection period (days)	4
Pipe leakage ratio (point/km)	3.2	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	38.9	Electricity arrear to annual revenue (%)	4
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	Chlorination points (Nos.)	
Piped system introduced (year)	1999	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	7	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)	800

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):	18,718
PTW not in operation (Nos.)	2	Leakages in distribution (Nos.)	60
Ave. depth (m)	125	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	105	Production wells	Flooding, Capacity low
Ave. current capacity per unit (m ³ /hrs)	100	Pump	Burning, Sound problem
Ave. production hours, Summer (hrs/day)	4	Treatment plant	-
Total production, Summer (m ³ /day)	800	Pipeline	Leakage, problem in joint, damage
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage
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.)	60
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		

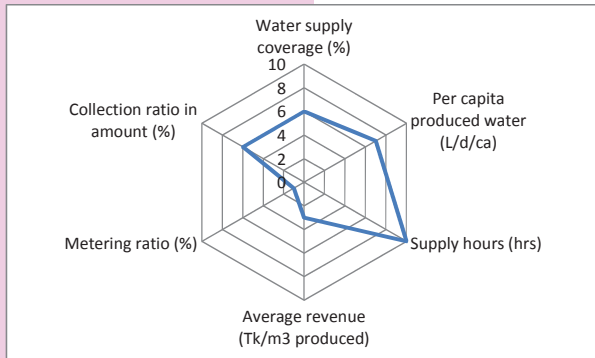
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	320
Rehabilitation		Tariff adopted year	2007
Production tube well	Yes	Tariff setting policy	, , , People's affordability to pay ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality monitoring plan	No
Expansion		Parameters checked	-
Production tube well	Yes	Frequency of quality test	-
Treatment plant	Yes	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)	3	Major 3 problems	(1) Low coverage
Population served (people)	10,000		(2) Leakage
Service connections (Nos.)	679		(3) Low voltage
Domestic	610	Major 3 priority needs	(1) Distribution network
Public tap/ stand pipe	5		(2) 24-hour supply
Public institutions	6		(3) Increase of production capacity
Commercial & industrial	48	9. Past and On-going Projects and Training	
Others	10	(1) Past 10 years projects	
Total	679	Name	-
Metered connections (Nos.)	0	Period	-
Applications outstanding (Nos.)	0	Funding agency	-
New connections in 2010/2011 (Nos.)	0	Executing agency	-
Average waiting time (days)	0	(2) Past 10 years projects	
Water pressure at the end of network	, Fair , ,	Name	-
Continuity of service (hrs/day)	4	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	10	Executing agency	-
Major complaints	(1) Leakage	On-going projects	
	(2) Low Pressure	Name	-
	(3) -	Period	-
5. Financial Information (FY2010/11)		Funding agency	-
Annual budget (Tk)	13,899,296	Executing agency	-
Annual revenue (Tk)	11,346,381	(2) Past 10 years projects	
Annual expenditure (Tk)	857,208	Name	-
Annual O&M Costs (Tk)	852,208	Period	-
Annual billings (Tk)	923,903	Funding agency	-
Annual collections (Tk)	861,183	Executing agency	-
Water arrears (Tk)	122,720	On-going projects	
Electricity arrears (Tk)	400,000	Name	-
Payment methods	, Bank	Period	-
Self-billing	No	Funding agency	-
Billing frequency	Monthly	Executing agency	-
6. Water Tariff and Metering (See Tariff Database)		Training	
Tariff Structure	Based on pipe size	Nos. of training	0
Domestic 13 mm (1/2") (Tk/month)	75	Nos. of Staff	0
Non-domestic lowest (Tk/month)	125	Name of training (1)	-
Lowest volumetric charge (Tk/m ³)	0	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 Piped water	Yes	As contaminated wells (Nos.)	500
Water meter	No	Arsenic contaminated water supply (%)	0
Reasons	They want to pay fixed amount.	Unhygienic drinking water (%)	0
		% 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)	8,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	150	Shallow well	Moderate Iron
Affordable price in total household income (%)	2	Deep well	High No problem
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	- -
		Other sources	No -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	4,000	100	90
Deep well	0	0	0
Ponds	20	0	10
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	1.0
		Deep well (m/year)	1.0

A. Pourashava Profile

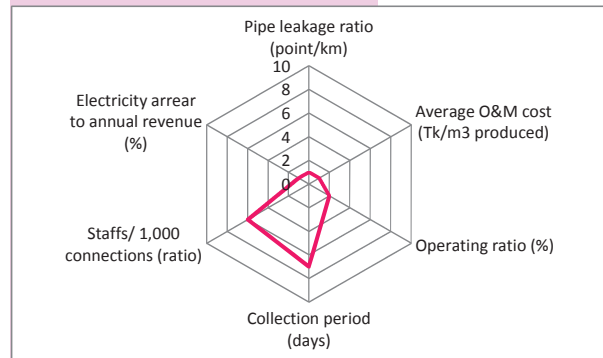
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	60
District	Panchagarh	Water sealed slab latrine (%)	20
Year established	1985	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0568-61314	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	85,535	Annual budget (Tk)	28,973,537
Nos. of households (FY2010/2011)	8,948	Revenue (Tk)	23,194,652
Literacy (%)	65	Expenditure (Tk)	22,039,979
Land area (km ²)	22	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)	65	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	5		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	33	Metering ratio (%)	0
Per capita produced water (L/d/ca)	139	Operating ratio (%)	55
Supply Hour (Hrs)	16	Collection ratio in amount (%)	79
Non-revenue water (NRW) (%)	-	Collection period (days)	159
Pipe leakage ratio (point/km)	0.5	Staffs/ 1,000 connections (ratio)	9
Average revenue (Tk/m ³ produced)	2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	1.1		



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)	1992
Piped system introduced (year)	1985
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, Accounting, Asset management, , ,
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.)	5
PTW not in operation (Nos.)	2
Ave. depth (m)	84
Capacity at commission (m ³ /hrs)	122
Ave. current capacity per unit (m ³ /hrs)	90
Ave. production hours, Summer (hrs/day)	17
Total production, Summer (m ³ /day)	3,930
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)	250
Production hours, Summer (hrs/day)	16
Total production (m ³ /day)	3,500

Chlorination points (Nos.)	
PTW	2
IRP/AIRP	1
Surface WTP	-
Bulk flow meters (Nos.)	3
Bulk flow meter readings (Nos.)	3
Total production, Summer (m ³ /day)	3,930
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	450
Distribution network (km):	45,310
Leakages in distribution (Nos.)	24
(3) O&M Problems	
Production wells	Switch board problem
Pump	Decreased capacity
Treatment plant	Filter clogging faster
Pipeline	Pipe frequently leakage in BM College road
Customer water meter	
House connection	No problem
O&M manuals (Nos.)	0
O&M assistance form DPHE	Yes
Annual leakages (Nos.)	24
Leakage detection activity	Yes

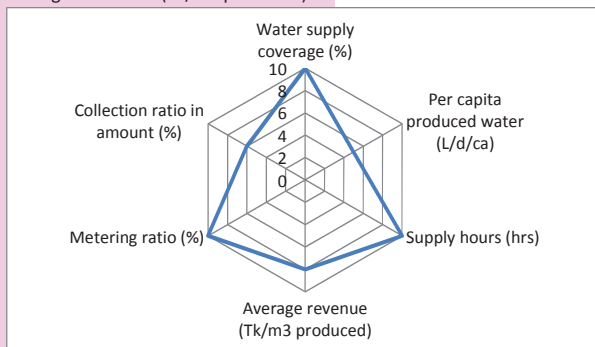
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	600															
Rehabilitation		Tariff adopted year	1997															
Production tube well	Yes	Tariff setting policy	,,,,,															
Treatment plant	Yes																	
Distribution network	Yes																	
Expansion																		
Production tube well	Yes																	
Treatment plant	Yes																	
Distribution network	Yes																	
4. Customer Service (Service indicators)		7. Water Quality Monitoring																
Coverage area (km ²)	7	Water quality monitoring plan	No															
Population served (people)	28,226	Parameters checked	-															
Service connections (Nos.)	1,659	Frequency of quality test	-															
Domestic	1,640	Nos. of sampling location /year	-															
Public tap/ stand pipe	5	Water quality problems	Iron & manganese in water															
Public institutions	3																	
Commercial & industrial	11																	
Others	0																	
Total	1,659																	
Metered connections (Nos.)	0																	
Applications outstanding (Nos.)	0																	
New connections in 2010/2011 (Nos.)	24																	
Average waiting time (days)	7																	
Water pressure at the end of network	, Fair, ,																	
Continuity of service (hrs/day)	16																	
Customer with 24 hrs supply (%)	0																	
Annual complaints (Nos.)	60																	
Major complaints	(1) House connection blocked																	
	(2) Iron in water																	
	(3) Leakage in pipe line																	
5. Financial Information (FY2010/11)		8. Problems and Priority Needs																
Annual budget (Tk)	1,350,000	Major 3 problems	(1) Low coverage															
Annual revenue (Tk)	2,861,235		(2) Insufficient technical & management capacity															
Annual expenditure (Tk)	2,802,959		(3) Leakage															
Annual O&M Costs (Tk)	1,580,907	Major 3 priority needs	(1) Distribution network															
Annual billings (Tk)	3,599,350		(2) Increase of tariff rates to cover O&M costs															
Annual collections (Tk)	2,835,691		(3) Increase of production capacity															
Water arrears (Tk)	1,244,283																	
Electricity arrears (Tk)	10,450																	
Payment methods	, Bank																	
Self-billing	No																	
Billing frequency	Monthly																	
6. Water Tariff and Metering (See Tariff Database)		9. Past and On-going Projects and Training																
Tariff Structure	Fixed amount	(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	GOB-UNICEF Project															
		Funding agency	2008-2009 - 201-2012															
		Executing agency	GOB-UNICEF															
		Training	DPHE															
		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, ,																
Necessity of		As contaminated wells (Nos.)	No data															
Piped water	Yes	Arsenic contaminated water supply (%)	0															
Water meter	Yes	Unhygienic drinking water (%)	10															
Reasons	Due to wastage of water, meter is required.	% of people using neighbor's well for drinking	0															
		Problems in non-piped water supply area	Hand tube wells not available & so need more hand tube well,															
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System																
Average household income/month (Tk)	10,000	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>High</td> <td>Iron, Iron</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Fe, Iron</td> </tr> <tr> <td>Surface water sources</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>0</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron, Iron	Deep well	High	Fe, Iron	Surface water sources	-	-	Other sources	No	0
Potential water sources	Evaluation	WQ problems																
Shallow well	High	Iron, Iron																
Deep well	High	Fe, Iron																
Surface water sources	-	-																
Other sources	No	0																
Affordability for piped water (Tk/month)	200	Decrease of ground water level																
Affordable price in total household income (%)	2	Shallow well (m/year)	1.0															
		Deep well (m/year)	1.0															
2. Existing Water Sources in Non-Piped Water Supply Area																		
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	0	0	0															
Shallow well	1,500	67	67															
Deep well	4	33	33															
Ponds	0	0	0															
Other sources	0	0	0															

A. Pourashava Profile

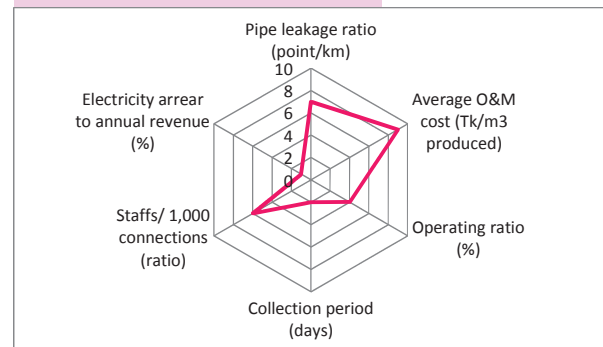
Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	35
District	Pataukhali	Water sealed slab latrine (%)	60
Year established	1892	Water-related diseases	, , , ,
Contact Tel/Fax	0441-62320, 0441-62733, fax-0441-62733,	Technical staff (Nos.)	31
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	100,000	Annual budget (Tk)	203,132,116
Nos. of households (FY2010/2011)	9,323	Revenue (Tk)	59,941,840
Literacy (%)	64	Expenditure (Tk)	60,797,866
Land area (km ²)	14	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	9	Committee formed	
Residential area pop. density (persons/ha)	114	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	85	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	20		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	60	Metering ratio (%)	100
Per capita produced water (L/d/ca)	90	Operating ratio (%)	76
Supply Hour (Hrs)	20	Collection ratio in amount (%)	82
Non-revenue water (NRW) (%)	-	Collection period (days)	21
Pipe leakage ratio (point/km)	4.3	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	8.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	6.2		



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)	2004	Chlorination points (Nos.)	
Piped system introduced (year)	1978	PTW	5
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	27	Bulk flow meters (Nos.)	1
In which, staff with diploma or higher qualification (Nos.)	4	Bulk flow meter readings (Nos.)	1
		Total production, Summer (m ³ /day)	5,400

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)	1,200
PTW (Nos.)	5	Distribution network (km):	58,000
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	250
Ave. depth (m)	Do not know	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	62	Production wells	Re-generation of pumps,
Ave. current capacity per unit (m ³ /hrs)	54	Pump	Repair and Maintenance of pump set and column pipe.
Ave. production hours, Summer (hrs/day)	20	Treatment plant	-
Total production, Summer (m ³ /day)	5,400	Pipeline	Wash out, Culvert crossing of GI pipe and leakage in PVC pipe.
Treatment plants (Nos.)		Customer water meter	Not working properly
AIRP	0	House connection	Jam of pipe fittings, Leaks of pipe.
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.)	250
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		

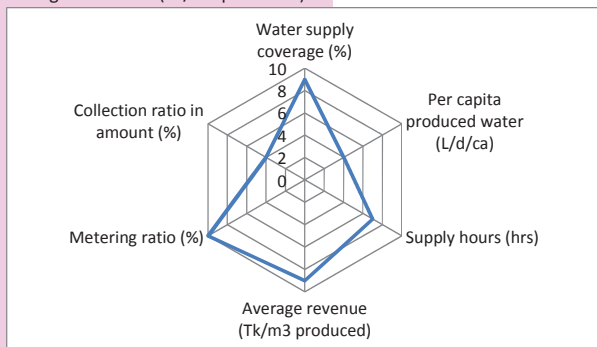
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,000																								
Rehabilitation		Tariff adopted year	2004																								
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,																								
Treatment plant	No	7. Water Quality Monitoring																									
Distribution network	Yes	Water quality monitoring plan	Yes																								
Expansion		Parameters checked	chlorine																								
Production tube well	Yes	Frequency of quality test	1 month																								
Treatment plant	No	Nos. of sampling location /year	2 at OHT location																								
Distribution network	Yes	Water quality problems	-																								
4. Customer Service (Service indicators)		8. Problems and Priority Needs																									
Coverage area (km ²)	8	Major 3 problems	(1) Low coverage																								
Population served (people)	60,000		(2) Insufficient technical and managerial capacity																								
Service connections (Nos.)	3,196		(3) Leakage																								
Domestic	3,098	Major 3 priority needs	(1) Increase of production capacity																								
Public tap/ stand pipe	0		(2) Y/2 (Over head tank-2nos)																								
Public institutions	0		(3) Treatment plant																								
Commercial & industrial	98																										
Others	0																										
Total	3,196																										
Metered connections (Nos.)	3,196	9. Past and On-going Projects and Training																									
Applications outstanding (Nos.)	0	(1) Past 10 years projects																									
New connections in 2010/2011 (Nos.)	0	Name	-																								
Average waiting time (days)	0	Period	-																								
Water pressure at the end of network	, Fair, ,	Funding agency	-																								
Continuity of service (hrs/day)	20	Executing agency	-																								
Customer with 24 hrs supply (%)	75	(2) Past 10 years projects	-																								
Annual complaints (Nos.)	350	Name	-																								
Major complaints	(1) No 24hr water supply	Period	-																								
	(2) Low pressure at upper floor	Funding agency	-																								
	(3) House connection leak and Meter problem.	Executing agency	-																								
		On-going projects	-																								
		Name	-																								
		Period	37 District Town water supply project																								
		Funding agency	2011-2013																								
		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)		6. Water Tariff and Metering (See Tariff Database)																									
Annual budget (Tk)	78,897,195	Tariff Structure	Metered rate																								
Annual revenue (Tk)	16,179,000	Domestic 13 mm (1/2") (Tk/month)	0																								
Annual expenditure (Tk)	17,767,300	Non-domestic lowest (Tk/month)	0																								
Annual O&M Costs (Tk)	12,245,000	Lowest volumetric charge (Tk/m ³)	10																								
Annual billings (Tk)	9,760,633	D. Non-Piped Water Supply Area																									
Annual collections (Tk)	7,972,747	1. Necessity of Piped Water Supply																									
Water arrears (Tk)	950,000	Necessity of Piped water	Yes																								
Electricity arrears (Tk)	0	Water meter	Yes																								
Payment methods	, Bank	Reasons	To save water from waste																								
Self-billing	No	Affordability (answered by pourashava staff)	0																								
Billing frequency	Monthly	Average household income/month (Tk)	12,000																								
		Affordability for piped water (Tk/month)	300																								
		Affordable price in total household income (%)	3																								
		2. Exiting Water Sources in Non-Piped Water Supply Area																									
		<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>2</td> <td>0</td> <td>20</td> </tr> <tr> <td>Shallow well</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Deep well</td> <td>425</td> <td>100</td> <td>30</td> </tr> <tr> <td>Ponds</td> <td>120</td> <td>0</td> <td>48</td> </tr> <tr> <td>Other sources</td> <td>2</td> <td>0</td> <td>2</td> </tr> </tbody> </table>		Source	Nos. of source	Drinking (%)	Domestic (%)	River	2	0	20	Shallow well	0	0	0	Deep well	425	100	30	Ponds	120	0	48	Other sources	2	0	2
Source	Nos. of source	Drinking (%)	Domestic (%)																								
River	2	0	20																								
Shallow well	0	0	0																								
Deep well	425	100	30																								
Ponds	120	0	48																								
Other sources	2	0	2																								
		3. Potential Water Sources for Non-Piped Water Supply System																									
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Potential water sources	Evaluation	WQ problems																									
Shallow well	-	-																									
Deep well	High	No																									
Surface water sources	Moderate	Polluted																									
Other sources	No	-																									
		Decrease of ground water level																									
		Shallow well (m/year)	-																								
		Deep well (m/year)	1.0																								

A. Pourashava Profile

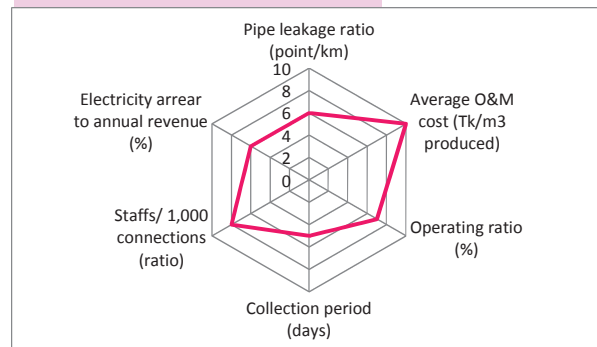
Class	B	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	7
District	Barguna	Water sealed slab latrine (%)	60
Year established	1990	Water-related diseases	, , , , ,
Contact Tel/Fax	04455-75366	Technical staff (Nos.)	5
E-mail	patharghata.pourashava@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	18,183	Annual budget (Tk)	20,002,000
Nos. of households (FY2010/2011)	4,806	Revenue (Tk)	17,835,545
Literacy (%)	70	Expenditure (Tk)	18,948,000
Land area (km ²)	13	Computerization	, , , Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, Procurement,
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	35	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	70	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	44	Metering ratio (%)	80
Per capita produced water (L/d/ca)	63	Operating ratio (%)	105
Supply Hour (Hrs)	7	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	-	Collection period (days)	104
Pipe leakage ratio (point/km)	2.3	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m ³ produced)	12.5	Electricity arrear to annual revenue (%)	3
Average O&M cost (Tk/m ³ produced)	13.2		



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)	2005	Chlorination points (Nos.)	
Piped system introduced (year)	2006	PTW	3
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, , , , , Reporting Letter and Document Writing	Surface WTP	0
Staff in water section (Nos.)	9	Bulk flow meters (Nos.)	3
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	3
		Total production, Summer (m ³ /day)	500

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):	6,575
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	15
Ave. depth (m)	310	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	17	Production wells	-
Ave. current capacity per unit (m ³ /hrs)	17	Pump	Burning of pump due to voltage fluctuation.
Ave. production hours, Summer (hrs/day)	10	Treatment plant	-
Total production, Summer (m ³ /day)	500	Pipeline	Long distance and bending problem
Treatment plants (Nos.)		Customer water meter	Due to vapor several meters are disorder.
AIRP	0	House connection	-
IRP	0	O&M manuals (Nos.)	5
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	No
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

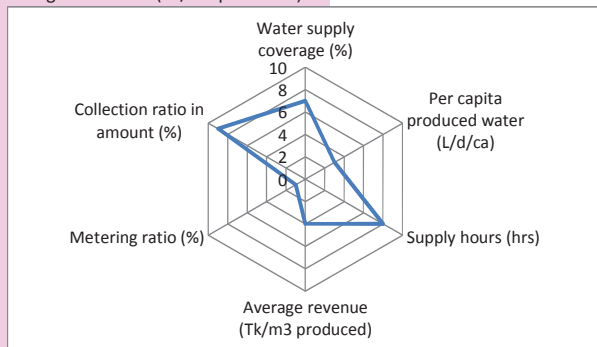
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	200
Rehabilitation				Tariff adopted year	-
Production tube well	Yes			Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, Ensuring water supply for socially vulnerable people,
Treatment plant	No			7. Water Quality Monitoring	
Distribution network	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	Few Fe and Chloride (Saline) is found in water.
4. Customer Service (Service indicators)				8. Problems and Priority Needs	
Coverage area (km ²)	8			Major 3 problems	(1) Insufficient technical and managerial capacity.
Population served (people)	8,000				(2) Low coverage and low treatment technology.
Service connections (Nos.)	797				(3) Leakage, Water quality problems.
Domestic	761			Major 3 priority needs	(1) Y/1 (Over Head Tank)
Public tap/ stand pipe	13				(2) Expansion and replacement of network
Public institutions	14				(3) Installation of house meters to all consumers
Commercial & industrial	9			9. Past and On-going Projects and Training	
Others	0			(1) Past 10 years projects	
Total	797			Name	-
Metered connections (Nos.)	634			Period	-
Applications outstanding (Nos.)	0			Funding agency	-
New connections in 2010/2011 (Nos.)	0			Executing agency	-
Average waiting time (days)	0			(2) Past 10 years projects	
Water pressure at the end of network	, , Low,			Name	DPHE-DANIDA Water Supply and Sanitation in Coastal Belt Project
Continuity of service (hrs/day)	7			Period	-
Customer with 24 hrs supply (%)	0			Funding agency	2008-2009
Annual complaints (Nos.)	1,460			Executing agency	DANIDA
Major complaints	(1) Customers of ward no.9 don't get sufficient water due to lack of water			On-going projects	SANGRAM(NGO)
	(2) Almost all the customers don't get water in the morning and afternoon			Name	-
	(3) Customers don't get sufficient water for the absence of over head tank.			Period	-
5. Financial Information (FY2010/11)					
Annual budget (Tk)	4,425,000			Funding agency	2008-2009
Annual revenue (Tk)	2,284,158			Executing agency	DANIDA
Annual expenditure (Tk)	2,818,893			On-going projects	SANGRAM(NGO)
Annual O&M Costs (Tk)	2,404,893			Name	-
Annual billings (Tk)	2,450,190			Period	-
Annual collections (Tk)	1,771,299			Funding agency	-
Water arrears (Tk)	650,000			Executing agency	-
Electricity arrears (Tk)	72,000			Training	-
Payment methods	, Bank			Nos. of training	0
Self-billing	No			Nos. of Staff	0
Billing frequency	Monthly			Name of training (1)	-
6. Water Tariff and Metering (See Tariff Database)				Name of training (2)	-
Tariff Structure	Fixed amount			Name of training (3)	-
Domestic 13 mm (1/2") (Tk/month)	200			D. Non-Piped Water Supply Area	
Non-domestic lowest (Tk/month)	0			1. Necessity of Piped Water Supply	
Lowest volumetric charge (Tk/m ³)	15			Necessity of Piped water	
1. Necessity of Piped Water Supply				Main treatment method in domestic	None, , ,
Necessity of Piped water				As contaminated wells (Nos.)	0
Piped water				Arsenic contaminated water supply (%)	0
Water meter				Unhygienic drinking water (%)	80
Reasons				% of people using neighbor's well for drinking	40
To save the wastage of water, To increase revenue income.				Problems in non-piped water supply area	Polluted and Unhygienic., Few Fe was found in water.
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)				Potential water sources	
Affordability for piped water (Tk/month)				Shallow well	Moderate Iron and Salinity
Affordable price in total household income (%)				Deep well	Can't eval-
2				Surface water sources	Moderate Polluted and Salinity
2. Exiting Water Sources in Non-Piped Water Supply Area				Other sources	No -
Source				Decrease of ground water level	
Nos. of source				Shallow well (m/year)	0.1
Drinking (%)				Deep well (m/year)	Do not know
Domestic (%)					
River	1	0	6		
Shallow well	40	40	40		
Deep well	0	0	0		
Ponds	450	0	40		
Other sources	22	60	14		

A. Pourashava Profile

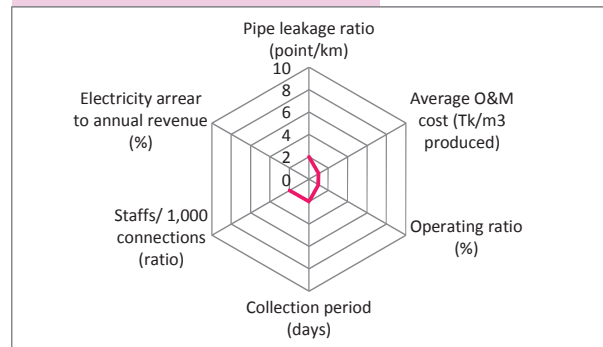
Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	15
District	Chapai Nawabganj	Water sealed slab latrine (%)	65
Year established	1995	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 07823-74140, Fax : 07823-74069	Technical staff (Nos.)	9
E-mail	mayor.ro.poura@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	38,559	Annual budget (Tk)	34,612,982
Nos. of households (FY2010/2011)	7,500	Revenue (Tk)	15,381,276
Literacy (%)	67	Expenditure (Tk)	15,161,885
Land area (km ²)	20	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)	52	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	72	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)	62	Operating ratio (%)	39
Supply Hour (Hrs)	8	Collection ratio in amount (%)	94
Non-revenue water (NRW) (%)	14	Collection period (days)	18
Pipe leakage ratio (point/km)	0.9	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	2.3	Electricity arrear to annual revenue (%)	-
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)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	2007	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	0
Staff in water section (Nos.)	8	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)	960

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.)	2	Distribution network (km):	18,915
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	17
Ave. depth (m)	48	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	60	Production wells	N
Ave. current capacity per unit (m ³ /hrs)	60	Pump	- Voltage fluctuation - Bush/ bearing are damaged
Ave. production hours, Summer (hrs/day)	8	Treatment plant	N
Total production, Summer (m ³ /day)	960	Pipeline	Sluice valve/ gate valve in sufficient in the distribution system
Treatment plants (Nos.)		Customer water meter	N
AIRP	0	House connection	Leakage from fitting un-intentional damaged etc.
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.)	17
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		

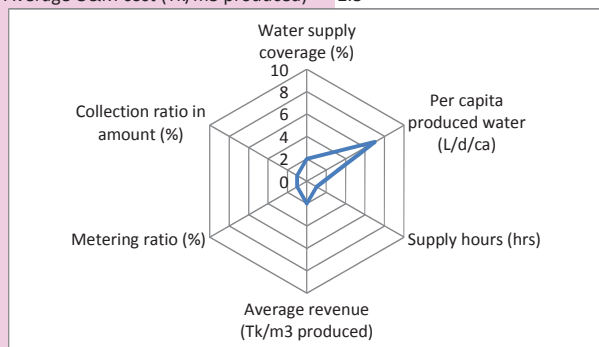
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	515																								
Rehabilitation		Tariff adopted year	2008																								
Production tube well	No	Tariff setting policy	Full cost recovery, , , ,																								
Treatment plant	No	7. Water Quality Monitoring																									
Distribution network	No	Water quality monitoring plan	No																								
Expansion		Parameters checked	-																								
Production tube well	Yes	Frequency of quality test	-																								
Treatment plant	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)	7	Major 3 problems	(1) Low coverage water supply																								
Population served (people)	15,500		(2) Less financial resources for development facilities																								
Service connections (Nos.)	1,355		(3) In sufficient technical capacity																								
Domestic	1,225																										
Public tap/ stand pipe	45	Major 3 priority needs	(1) Increase of production capacity																								
Public institutions	0		(2) Reduction of leakage																								
Commercial & industrial	85		(3) Reduction of NRW																								
Others	0																										
Total	1,355																										
Metered connections (Nos.)	0	9. Past and On-going Projects and Training																									
Applications outstanding (Nos.)	0	(1) Past 10 years projects																									
New connections in 2010/2011 (Nos.)	0	Name	-																								
Average waiting time (days)	0	Period	-																								
Water pressure at the end of network	Good, , ,	Funding agency	-																								
Continuity of service (hrs/day)	8	Executing agency	-																								
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	-																								
Annual complaints (Nos.)	25-30	Name	-																								
Major complaints	(1) Low coverage area	Period	-																								
	(2) No 24 hours supply	Funding agency	-																								
	(3) More connection needed	Executing agency	-																								
5. Financial Information (FY2010/11)		On-going projects	-																								
Annual budget (Tk)	655,000	Name	-																								
Annual revenue (Tk)	808,838	Period	-																								
Annual expenditure (Tk)	313,107	Funding agency	-																								
Annual O&M Costs (Tk)	313,107	Executing agency	-																								
Annual billings (Tk)	688,492	Training	-																								
Annual collections (Tk)	647,618	Nos. of training	3																								
Water arrears (Tk)	40,874	Nos. of Staff	5																								
Electricity arrears (Tk)	No data	Name of training (1)	Billing system of computer entry system																								
Payment methods	Pourashava office,	Name of training (2)	Basic computer training																								
Self-billing	No	Name of training (3)	Double entry system																								
Billing frequency	Monthly	<small>Installation of pipe-line/ supply and installation pipe-line and repair maintenance in Ward no. 2, 3 & 4.</small>																									
6. Water Tariff and Metering (See Tariff Database)		Period	2010-2012																								
Tariff Structure	Based on pipe size	Funding agency	Annual Development Program																								
Domestic 13 mm (1/2") (Tk/month)	60	Executing agency	Pourashava																								
Non-domestic lowest (Tk/month)	360																										
Lowest volumetric charge (Tk/m ³)	0																										
D. Non-Piped Water Supply Area		3. Potential Water Sources for Non-Piped Water Supply System																									
1. Necessity of Piped Water Supply		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>N</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>No problem / No data for arsenic wells</td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>Turbidity and other river water pollution</td> </tr> <tr> <td>Other sources</td> <td>Yes</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	N	Deep well	High	No problem / No data for arsenic wells	Surface water sources	High	Turbidity and other river water pollution	Other sources	Yes	-									
Potential water sources	Evaluation	WQ problems																									
Shallow well	Moderate	N																									
Deep well	High	No problem / No data for arsenic wells																									
Surface water sources	High	Turbidity and other river water pollution																									
Other sources	Yes	-																									
Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,																								
Water meter	Yes	As contaminated wells (Nos.)	No data																								
Reasons	- By know how much water we produced and how much delivered to customers - Customers pay the bill according to water consumed.	Arsenic contaminated water supply (%)	No data																								
Affordability (answered by pourashava staff)	0	Unhygienic drinking water (%)	Do not know																								
Average household income/month (Tk)	12,000	% of people using neighbor's well for drinking	24																								
Affordability for piped water (Tk/month)	60	Problems in non-piped water supply area	In sufficient supply, In the shallow & deep wells depth not more than 45-50m. Since the bottom layer is stone found and no way digging for more depth.																								
Affordable price in total household income (%)	1	2. Exiting Water Sources in Non-Piped Water Supply Area																									
<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>2</td> <td>0</td> <td>25</td> </tr> <tr> <td>Shallow well</td> <td>629</td> <td>95</td> <td>60</td> </tr> <tr> <td>Deep well</td> <td>38</td> <td>5</td> <td>0</td> </tr> <tr> <td>Ponds</td> <td>No data</td> <td>0</td> <td>15</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		Source	Nos. of source	Drinking (%)	Domestic (%)	River	2	0	25	Shallow well	629	95	60	Deep well	38	5	0	Ponds	No data	0	15	Other sources	0	0	0	Decrease of ground water level	
Source	Nos. of source	Drinking (%)	Domestic (%)																								
River	2	0	25																								
Shallow well	629	95	60																								
Deep well	38	5	0																								
Ponds	No data	0	15																								
Other sources	0	0	0																								
		Shallow well (m/year)	2.0																								
		Deep well (m/year)	-																								

A. Pourashava Profile

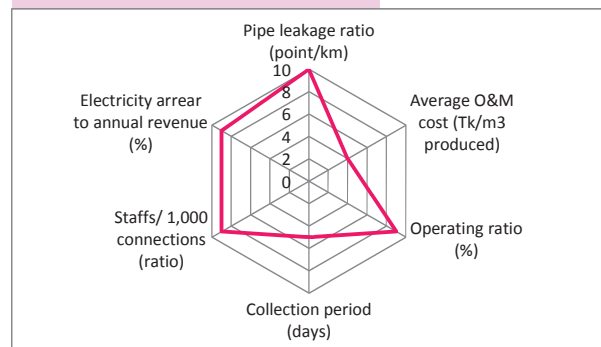
Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20
District	Khagrachari	Water sealed slab latrine (%)	50
Year established	2001	Water-related diseases	, , , , ,
Contact Tel/Fax	1714205846	Technical staff (Nos.)	6
E-mail	titondas74@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	50,000	Annual budget (Tk)	2,872,386
Nos. of households (FY2010/2011)	4,560	Revenue (Tk)	4,031,951
Literacy (%)	60	Expenditure (Tk)	3,392,389
Land area (km ²)	21	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)	100	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	55	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	4		
Winter	8		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	12	Metering ratio (%)	0
Per capita produced water (L/d/ca)	133	Operating ratio (%)	158
Supply Hour (Hrs)	2	Collection ratio in amount (%)	0
Non-revenue water (NRW) (%)	-	Collection period (days)	102
Pipe leakage ratio (point/km)	27.7	Staffs/ 1,000 connections (ratio)	16
Average revenue (Tk/m ³ produced)	1.5	Electricity arrear to annual revenue (%)	116
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)	Not known	PTW	1
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
		Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	4	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Total production, Summer (m ³ /day)	800

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)	100
PTW (Nos.)	2	Distribution network (km):	9,030
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	250
Ave. depth (m)	135	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	60	Production wells	Production wells are losing the efficiency
Ave. current capacity per unit (m ³ /hrs)	50	Pump	Due to frequent fluctuation of voltage of the power supply, the pumps breakdown.
Ave. production hours, Summer (hrs/day)	8	Treatment plant	-
Total production, Summer (m ³ /day)	800	Pipeline	Burst and joint dislocation.
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage from fittings clogging etc.
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.)	250
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	2006																								
Production tube well	Yes	Tariff setting policy	, , Demand management, , Inflation adjustment																								
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	No	Water quality problems	The water contains iron in this area.																								
4. Customer Service (Service indicators)		8. Problems and Priority Needs																									
Coverage area (km ²)	62	Major 3 problems	(1) Less financial resources																								
Population served (people)	6,000		(2) Low coverage of water supply																								
Service connections (Nos.)	250		(3) Aging facilities																								
Domestic	212	Major 3 priority needs	(1) Increase of production capacity																								
Public tap/ stand pipe	3		(2) Increase of water pressure																								
Public institutions	15		(3) Expansion and replacement of network																								
Commercial & industrial	20																										
Others	0																										
Total	250																										
Metered connections (Nos.)	0																										
Applications outstanding (Nos.)	0																										
New connections in 2010/2011 (Nos.)	0																										
Average waiting time (days)	0																										
Water pressure at the end of network	, , Low,																										
Continuity of service (hrs/day)	2																										
Customer with 24 hrs supply (%)	0																										
Annual complaints (Nos.)	30																										
Major complaints	(1) Less water supply at the end of the network (2) No 24hrs continuous supply (3) -	9. Past and On-going Projects and Training																									
5. Financial Information (FY2010/11)		(1) Past 10 years projects																									
Annual budget (Tk)	444,420	Name	-																								
Annual revenue (Tk)	429,420	Period	-																								
Annual expenditure (Tk)	680,184	Funding agency	-																								
Annual O&M Costs (Tk)	680,184	Executing agency	-																								
Annual billings (Tk)	536,895	(2) Past 10 years projects	-																								
Annual collections (Tk)	0	Name	-																								
Water arrears (Tk)	120,000	Period	-																								
Electricity arrears (Tk)	500,000	Funding agency	-																								
Payment methods	, Bank	Executing agency	-																								
Self-billing	Yes	On-going projects	-																								
Billing frequency	Monthly	Name	-																								
6. Water Tariff and Metering (See Tariff Database)		Period	-																								
Tariff Structure	Based on pipe size	Funding agency	-																								
Domestic 13 mm (1/2") (Tk/month)	125	Executing agency	-																								
Non-domestic lowest (Tk/month)	500	Training	-																								
Lowest volumetric charge (Tk/m ³)	0	Nos. of training	0																								
D. Non-Piped Water Supply Area		Nos. of Staff	0																								
1. Necessity of Piped Water Supply		Name of training (1)	-																								
Necessity of Piped water	Yes	Name of training (2)	-																								
Water meter	Yes	Name of training (3)	-																								
Reasons	To reduce wastage of water in the household.	Main treatment method in domestic																									
		As contaminated wells (Nos.)																									
		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	None, , ,																									
Average household income/month (Tk)	5,000	0																									
Affordability for piped water (Tk/month)	150	Do not know																									
Affordable price in total household income (%)	3	Do not know																									
2. Exiting Water Sources in Non-Piped Water Supply Area		20																									
		Iron,																									
		3. Potential Water Sources for Non-Piped Water Supply System																									
		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Do not know</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>turbidity</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Do not know	Deep well	High	Iron	Surface water sources	Moderate	turbidity	Other sources	No	-									
Potential water sources	Evaluation	WQ problems																									
Shallow well	Moderate	Do not know																									
Deep well	High	Iron																									
Surface water sources	Moderate	turbidity																									
Other sources	No	-																									
		Decrease of ground water level																									
		Shallow well (m/year)																									
		0.5																									
		Deep well (m/year)																									
		0.1																									
<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>1</td> <td>0</td> <td>5</td> </tr> <tr> <td>Shallow well</td> <td>500</td> <td>90</td> <td>20</td> </tr> <tr> <td>Deep well</td> <td>20</td> <td>5</td> <td>5</td> </tr> <tr> <td>Ponds</td> <td>18</td> <td>0</td> <td>60</td> </tr> <tr> <td>Other sources</td> <td>40</td> <td>5</td> <td>10</td> </tr> </tbody> </table>		Source	Nos. of source	Drinking (%)	Domestic (%)	River	1	0	5	Shallow well	500	90	20	Deep well	20	5	5	Ponds	18	0	60	Other sources	40	5	10		
Source	Nos. of source	Drinking (%)	Domestic (%)																								
River	1	0	5																								
Shallow well	500	90	20																								
Deep well	20	5	5																								
Ponds	18	0	60																								
Other sources	40	5	10																								

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	35
District	Dinajpur	Water sealed slab latrine (%)	45
Year established	1972	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05334-74206 Fax: 05334-74414	Technical staff (Nos.)	10
E-mail	menhaz786@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	60,215	Annual budget (Tk)	84,075,574
Nos. of households (FY2010/2011)	7,010	Revenue (Tk)	33,075,574
Literacy (%)	65	Expenditure (Tk)	32,285,574
Land area (km ²)	11	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	101	TLCC/Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 3 months
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		Chlorination points (Nos.)	
Water section established (year)	Not formed	PTW	0
Piped system introduced (year)	1994	IRP/AIRP	0
Pourashava responsibility	, ,	Surface WTP	0
Computerization/Automation	None, , , , , No billing system as the Water Supply System is not	Bulk flow meters (Nos.)	5
Staff in water section (Nos.)	0	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Total production, Summer (m ³ /day)	0
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	Not 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):	15,150
PTW (Nos.)	6	Leakages in distribution (Nos.)	-
PTW not in operation (Nos.)	6	(3) O&M Problems	
Ave. depth (m)	64	Production wells	No water production
Capacity at commission (m ³ /hrs)	86	Pump	No power supply at bus terminal
Ave. current capacity per unit (m ³ /hrs)	0	Treatment plant	-
Ave. production hours, Summer (hrs/day)	0	Pipeline	Maximum pipeline blocked
Total production, Summer (m ³ /day)	0	Customer water meter	All 50 nos. house connections got damaged.
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	0
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	-
Plants not in operation	0	Leakage detection activity	-
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

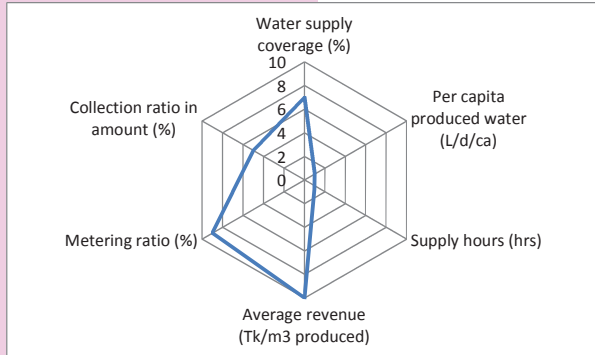
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service															
Rehabilitation		Tariff adopted year	No water tariff															
Production tube well	Yes	Tariff setting policy	''''''															
Treatment plant	No																	
Distribution network	Yes																	
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	We have pipe water supply but no idea about piped water quality.															
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	Major 3 priority needs	(1) Water flow monitoring															
Public tap/ stand pipe	0		(2) Reduction of leakage															
Public institutions	0		(3) Reduction of NRW															
Commercial & industrial	0																	
Others	0																	
Total	0																	
Metered connections (Nos.)	-																	
Applications outstanding (Nos.)	-																	
New connections in 2010/2011 (Nos.)	-																	
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.)	300-1,000																	
Major complaints	(1) Why piped water supply has not been commissioned? (2) Why new house connection not given? (3) Why no power supply to the pump house?	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	3															
		Nos. of Staff	7															
		Name of training (1)	Double Entry of Accounts															
		Name of training (2)	Basic Computer Training															
		Name of training (3)	Quality of Control															
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 As contaminated wells (Nos.)	None, , ,															
Necessity of Piped water	Yes	Arsenic contaminated water supply (%)	No data															
Water meter	Yes	Unhygienic drinking water (%)	No data															
Reasons	To save the water and pay the bill according their consumed water.	% of people using neighbor's well for drinking	25															
		Problems in non-piped water supply area	Groundwater level declining problem,															
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System																
Average household income/month (Tk)	12,000	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>N</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>N</td> </tr> <tr> <td>Surface water sources</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other sources</td> <td>Yes</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	N	Deep well	High	N	Surface water sources	-	-	Other sources	Yes	-
Potential water sources	Evaluation	WQ problems																
Shallow well	None	N																
Deep well	High	N																
Surface water sources	-	-																
Other sources	Yes	-																
Affordability for piped water (Tk/month)	100	Decrease of ground water level																
Affordable price in total household income (%)	1	Shallow well (m/year)	0.40															
		Deep well (m/year)	0.40															
2. Exiting Water Sources in Non-Piped Water Supply Area																		
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	0	0	0															
Shallow well	4,500	100	98															
Deep well	0	0	0															
Ponds	No data	0	2															
Other sources	0	0	0															

A. Pourashava Profile

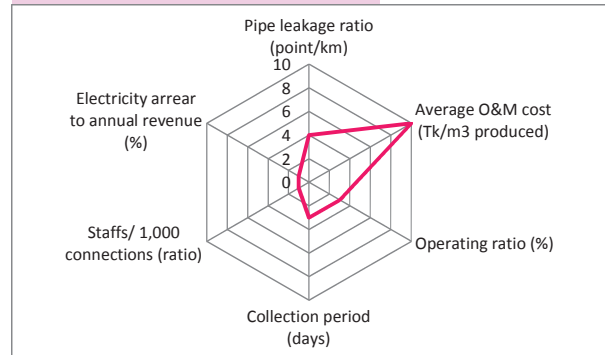
Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	50
District	Pirojpur	Water sealed slab latrine (%)	30
Year established	1885	Water-related diseases	, , , , ,
Contact Tel/Fax	0461-62265	Technical staff (Nos.)	16
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	64,170	Annual budget (Tk)	168,874,000
Nos. of households (FY2010/2011)	11,250	Revenue (Tk)	59,587,000
Literacy (%)	64	Expenditure (Tk)	55,387,000
Land area (km ²)	30	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	12	Committee formed	
Residential area pop. density (persons/ha)	54	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	19		
Winter	21		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	40	Metering ratio (%)	67
Per capita produced water (L/d/ca)	6	Operating ratio (%)	69
Supply Hour (Hrs)	2	Collection ratio in amount (%)	74
Non-revenue water (NRW) (%)	-	Collection period (days)	45
Pipe leakage ratio (point/km)	1.4	Staffs/ 1,000 connections (ratio)	3
Average revenue (Tk/m ³ produced)	314.2	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	217.8		



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)	2000	Chlorination points (Nos.)	
Piped system introduced (year)	1983	PTW	-
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	-
Computerization/Automation	, Billing, , , , ,	Surface WTP	1
Staff in water section (Nos.)	13	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)	150

2. Water Supply System

Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	, River	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	0	Distribution network (km):	46,040
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	63
Ave. depth (m)	0	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	0	Production wells	
Ave. current capacity per unit (m ³ /hrs)	0	Pump	Replacement of parts (bearing, shaft, impeller, coil (due to low voltage))
Ave. production hours, Summer (hrs/day)	0	Treatment plant	Reservoir leakage
Total production, Summer (m ³ /day)	0	Pipeline	Leakage
Treatment plants (Nos.)		Customer water meter	Iron sludge block the valve
AIRP	0	House connection	Not correctly installed (putting vertical)
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.)	63
Production of plant	0	Leakage detection activity	Yes
Total capacity (m ³ /hrs)	150		
Production hours, Summer (hrs/day)	19		
Total production (m ³ /day)	150		

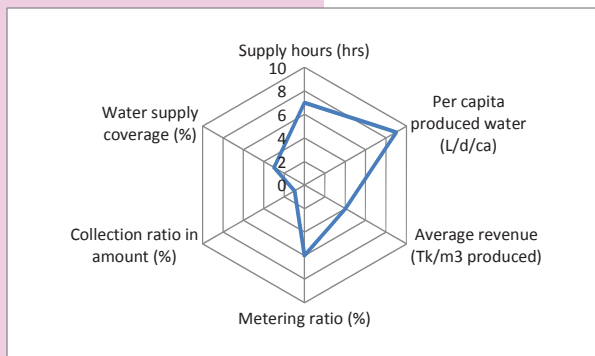
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	800
Rehabilitation				Tariff adopted year	Feb, 2011
Production tube well	No			Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
Treatment plant	Yes			7. Water Quality Monitoring	
Distribution network	Yes			Water quality monitoring plan	No
Expansion				Parameters checked	-
Production tube well	Yes			Frequency of quality test	-
Treatment plant	Yes			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)	12			Major 3 problems	(1) Electricity problem
Population served (people)	25,688				(2) Insufficient technical and managerial capacity
Service connections (Nos.)	3,861				(3) Water quality problem
Domestic	3,579			Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	65				(2) Treatment plant
Public institutions	0				(3) Water quality monitoring
Commercial & industrial	217			9. Past and On-going Projects and Training	
Others	0			(1) Past 10 years projects	
Total	3,861			Name	-
Metered connections (Nos.)	2,600			Period	-
Applications outstanding (Nos.)	5			Funding agency	-
New connections in 2010/2011 (Nos.)	63			Executing agency	-
Average waiting time (days)	2			(2) Past 10 years projects	
Water pressure at the end of network	, , Low,			Name	-
Continuity of service (hrs/day)	2			Period	-
Customer with 24 hrs supply (%)	0			Funding agency	-
Annual complaints (Nos.)	900			Executing agency	-
Major complaints	(1) Insufficient quantity			On-going projects	-
	(2) Leakage (house conn, main pipe)			Name	-
	(3)			Period	STWSSP
5. Financial Information (FY2010/11)				STWSSP	
Annual budget (Tk)	168,874,000			2010-2012	
Annual revenue (Tk)	17,200,000			Funding agency	ADB
Annual expenditure (Tk)	11,925,000			Executing agency	DPHE
Annual O&M Costs (Tk)	11,925,000			Training	0
Annual billings (Tk)	13,375,645			Nos. of training	4
Annual collections (Tk)	9,855,107			Nos. of Staff	15
Water arrears (Tk)	2,139,955			Name of training (1)	Accounting (double entry system) (2011)
Electricity arrears (Tk)	0			Name of training (2)	Pipeline and meter maintenance (2011)
Payment methods	, Bank			Name of training (3)	Quality control (2011)
Self-billing	No			D. Non-Piped Water Supply Area	
Billing frequency	Monthly			1. Necessity of Piped Water Supply	
6. Water Tariff and Metering (See Tariff Database)				Main treatment method in domestic	None, , ,
Tariff Structure	Fixed amount			As contaminated wells (Nos.)	0
Domestic 13 mm (1/2") (Tk/month)	150			Arsenic contaminated water supply (%)	0
Non-domestic lowest (Tk/month)	420			Unhygienic drinking water (%)	0
Lowest volumetric charge (Tk/m ³)	8			% of people using neighbor's well for drinking	0
7. D. Non-Piped Water Supply Area				Problems in non-piped water supply area	Water-borne disease,
1. Necessity of Piped Water Supply				3. Potential Water Sources for Non-Piped Water Supply System	
Necessity of				Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Piped water	Yes			Shallow well	None Salinity
Water meter	Yes			Deep well	High no problem
Reasons	People are willing to pay more money (from pourashava comment)			Surface water sources	Y Muddy, bacteria
Affordability (answered by pourashava staff)	0			Other sources	No 0
Average household income/month (Tk)	5,000-6,000			Decrease of ground water level	
Affordability for piped water (Tk/month)	No data			Shallow well (m/year)	
Affordable price in total household income (%)	No data			Deep well (m/year)	
2. Existing Water Sources in Non-Piped Water Supply Area					
Source	Nos. of source	Drinking (%)	Domestic (%)		
River	1	0	20		
Shallow well	100	0	60		
Deep well	60	80	15		
Ponds	0	20	5		
Other sources	0	0	0		

A. Pourashava Profile

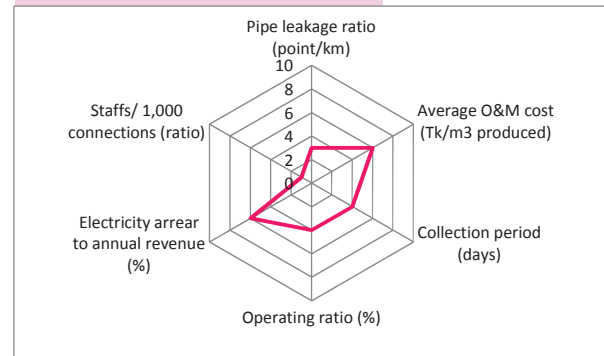
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30
District	Rajbari	Water sealed slab latrine (%)	50
Year established	1913	Water-related diseases	, , , Typhoid, Dysentery,
Contact Tel/Fax	0641-65531	Technical staff (Nos.)	12
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	55,000	Annual budget (Tk)	192,262,983
Nos. of households (FY2010/2011)	8,854	Revenue (Tk)	61,666,940
Literacy (%)	41	Expenditure (Tk)	52,550,000
Land area (km ²)	12	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)	206	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	Yes, Meeting not yet held
Electricity availability (hrs)			
Summer	16		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	36	Metering ratio (%)	0
Per capita produced water (L/d/ca)	208	Operating ratio (%)	79
Supply Hour (Hrs)	5	Collection ratio in amount (%)	66
Non-revenue water (NRW) (%)	18	Collection period (days)	65
Pipe leakage ratio (point/km)	1.2	Staffs/ 1,000 connections (ratio)	9
Average revenue (Tk/m ³ produced)	4	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.2		



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)	1990	Chlorination points (Nos.)	
Piped system introduced (year)	1962	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, Asset management, , ,	Surface WTP	-
Staff in water section (Nos.)	13	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)	4,155
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	1
		Total capacity (m ³)	455
		Distribution network (km):	58,000
		Leakages in distribution (Nos.)	70
		(3) O&M Problems	
		Production wells	Capacity low
		Pump	Burning, sound problem
		Treatment plant	Water does not filter properly
		Pipeline	Pipe line blocks for iron
		Customer water meter	
		House connection	Leakage
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	Yes
		Annual leakages (Nos.)	70
		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.)	10		
PTW not in operation (Nos.)	3		
Ave. depth (m)	109		
Capacity at commission (m ³ /hrs)	86		
Ave. current capacity per unit (m ³ /hrs)	76		
Ave. production hours, Summer (hrs/day)	8		
Total production, Summer (m ³ /day)	4,155		
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)	10		
Total production (m ³ /day)	3,000		

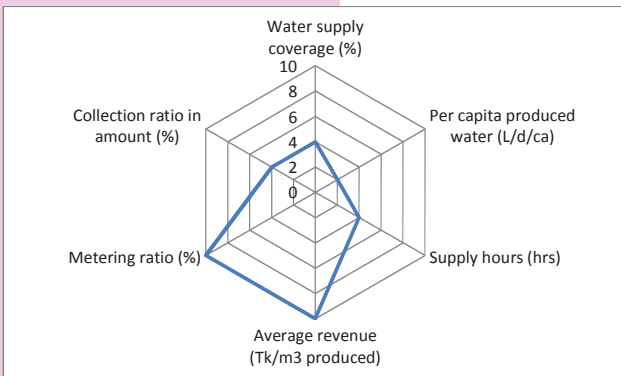
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	700																								
Rehabilitation		Tariff adopted year	1990																								
Production tube well	No	Tariff setting policy	, Operation cost recovery (O&M costs), ''''																								
Treatment plant	Yes	7. Water Quality Monitoring																									
Distribution network	Yes	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	Yes	Water quality problems	Iron																								
4. Customer Service (Service indicators)		8. Problems and Priority Needs																									
Coverage area (km ²)	5	Major 3 problems																									
Population served (people)	20,000	(1)	Low treatment technology																								
Service connections (Nos.)	1,450	(2)	Inefficient Technical and managerial Capacity																								
Domestic	1,417	(3)	Water quality problem																								
Public tap/ stand pipe	0	Major 3 priority needs																									
Public institutions	0	(1)	Increase of water pressure																								
Commercial & industrial	33	(2)	Installation of house meters to all consumers																								
Others	0	(3)	Capacity building for staff and management																								
Total	1,450	9. Past and On-going Projects and Training																									
Metered connections (Nos.)	0	(1) Past 10 years projects																									
Applications outstanding (Nos.)	0	Name	-																								
New connections in 2010/2011 (Nos.)	70	Period	-																								
Average waiting time (days)	3	Funding agency	-																								
Water pressure at the end of network	, , Low,	Executing agency	-																								
Continuity of service (hrs/day)	5	(2) Past 10 years projects																									
Customer with 24 hrs supply (%)	0	Name	W.S.P.P.																								
Annual complaints (Nos.)	80	Period	W.S.P.P.																								
Major complaints	(1) Low pressure	Funding agency	2,010																								
	(2) Iron (Fe)	Executing agency	GOB																								
	(3) Leakage.	On-going projects	DPHE																								
		Name	-																								
		Period	Water supply project in 37 districts																								
		Funding agency	2,009																								
		Executing agency	ADB-GOB																								
		Training	DPHE																								
		Nos. of training	0																								
		Nos. of Staff	4																								
		Name of training (1)	Pipeline Network																								
		Name of training (2)	Pipeline Network																								
		Name of training (3)	Pipeline Network																								
5. Financial Information (FY2010/11)		D. Non-Piped Water Supply Area																									
Annual budget (Tk)	57,766,940	1. Necessity of Piped Water Supply																									
Annual revenue (Tk)	6,055,000	Necessity of																									
Annual expenditure (Tk)	5,650,000	Piped water																									
Annual O&M Costs (Tk)	4,797,176	Water meter																									
Annual billings (Tk)	2,436,645	Reasons																									
Annual collections (Tk)	1,609,359	To increase pressure and to decrease wastage Will get water supply and will pay as they will use																									
Water arrears (Tk)	1,073,700	Affordability (answered by pourashava staff)																									
Electricity arrears (Tk)	0	Average household income/month (Tk)																									
Payment methods	, Bank	Affordability for piped water (Tk/month)																									
Self-billing	No	Affordable price in total household income (%)																									
Billing frequency	Monthly	2. Exiting Water Sources in Non-Piped Water Supply Area																									
6. Water Tariff and Metering (See Tariff Database)		3. Potential Water Sources for Non-Piped Water Supply System																									
Tariff Structure	Based on pipe size	Potential water sources																									
Domestic 13 mm (1/2") (Tk/month)	150	Shallow well	Moderate Iron																								
Non-domestic lowest (Tk/month)	300	Deep well	Moderate Iron																								
Lowest volumetric charge (Tk/m ³)	0	Surface water sources	Moderate No problem																								
		Other sources	No 0																								
		Decrease of ground water level																									
		Shallow well (m/year)	0.5																								
		Deep well (m/year)	0.5																								
		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Iron</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>No problem</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>0</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Iron	Deep well	Moderate	Iron	Surface water sources	Moderate	No problem	Other sources	No	0									
Potential water sources	Evaluation	WQ problems																									
Shallow well	Moderate	Iron																									
Deep well	Moderate	Iron																									
Surface water sources	Moderate	No problem																									
Other sources	No	0																									
		<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>1</td> <td>0</td> <td>2</td> </tr> <tr> <td>Shallow well</td> <td>3,500</td> <td>90</td> <td>85</td> </tr> <tr> <td>Deep well</td> <td>25</td> <td>10</td> <td>3</td> </tr> <tr> <td>Ponds</td> <td>20</td> <td>0</td> <td>10</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		Source	Nos. of source	Drinking (%)	Domestic (%)	River	1	0	2	Shallow well	3,500	90	85	Deep well	25	10	3	Ponds	20	0	10	Other sources	0	0	0
Source	Nos. of source	Drinking (%)	Domestic (%)																								
River	1	0	2																								
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Deep well	25	10	3																								
Ponds	20	0	10																								
Other sources	0	0	0																								

A. Pourashava Profile

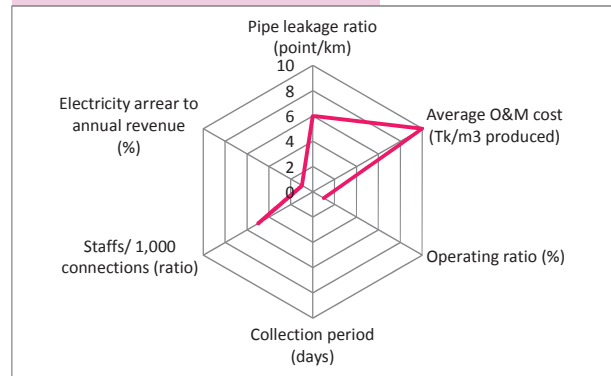
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	45
District	Lakshmipur	Water sealed slab latrine (%)	40
Year established	1991	Water-related diseases	, , , , ,
Contact Tel/Fax	03824-75037	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	60,000	Annual budget (Tk)	76,168,338
Nos. of households (FY2010/2011)	9,463	Revenue (Tk)	16,587,889
Literacy (%)	75	Expenditure (Tk)	12,881,061
Land area (km ²)	18	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	171	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	15		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	21	Metering ratio (%)	100
Per capita produced water (L/d/ca)	39	Operating ratio (%)	43
Supply Hour (Hrs)	5	Collection ratio in amount (%)	71
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	2.2	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	30.3	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	13		



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	Chlorination points (Nos.)	
Piped system introduced (year)	2006	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	None, , , , ,	Surface WTP	-
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

2. Water Supply System

Operation of water supply facilities	In operation	Total production, Summer (m ³ /day)	486
(1) Production		(2) Distribution	
Water sources for piped system	Groundwater,	Overhead tank	0
Production tube well		Overhead tanks (Nos.)	1
PTW (Nos.)	3	Total capacity (m ³)	700
PTW not in operation (Nos.)	0	Distribution network (km):	39,208
Ave. depth (m)	332	Leakages in distribution (Nos.)	85
Capacity at commission (m ³ /hrs)	13	(3) O&M Problems	
Ave. current capacity per unit (m ³ /hrs)	13	Production wells	N
Ave. production hours, Summer (hrs/day)	14	Pump	N
Total production, Summer (m ³ /day)	531	Treatment plant	
Treatment plants (Nos.)		Pipeline	Leakage problem
AIRP	0	Customer water meter	No problem
IRP	1	House connection	Leakage problem
Surface water treatment plants	0	O&M manuals (Nos.)	0
Plants not in operation	0	O&M assistance form DPHE	No
Production of plant	0	Annual leakages (Nos.)	85
Total capacity (m ³ /hrs)	40	Leakage detection activity	No
Production hours, Summer (hrs/day)	14		
Total production (m ³ /day)	486		

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	700
Rehabilitation		Tariff adopted year	2006
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	No
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)	5	Major 3 problems	(1) Low Coverage
Population served (people)	12,600		
Service connections (Nos.)	1,104		(2) Insufficient technical & managerial capacity
Domestic	1,073		(3) aging facilities
Public tap/ stand pipe	0		
Public institutions	2		
Commercial & industrial	29		
Others	0		
Total	1,104	Major 3 priority needs	(1) Increase of water pressure
Metered connections (Nos.)	1,104		(2) Increase of production capacity
Applications outstanding (Nos.)	1,100		(3) Capacity building for staff and management
New connections in 2010/2011 (Nos.)	85		
Average waiting time (days)	3		
Water pressure at the end of network	, , Low,		
Continuity of service (hrs/day)	5		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	88		
Major complaints	(1) Demanding minimum 7 hours supply	9. Past and On-going Projects and Training	(1) Past 10 years projects
	(2) Low pressure at ending area	Name	-
	(3) Leakage repair	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	3
		Nos. of Staff	3
		Name of training (1)	Billing Software
		Name of training (2)	Basic Computer
		Name of training (3)	Accounting
5. Financial Information (FY2010/11)			
Annual budget (Tk)	5,328,817		
Annual revenue (Tk)	5,370,125		
Annual expenditure (Tk)	3,677,836		
Annual O&M Costs (Tk)	2,312,492		
Annual billings (Tk)	3,495,589		
Annual collections (Tk)	2,468,774		
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	Metered rate		
Domestic 13 mm (1/2") (Tk/month)	0		
Non-domestic lowest (Tk/month)	0		
Lowest volumetric charge (Tk/m ³)	9		

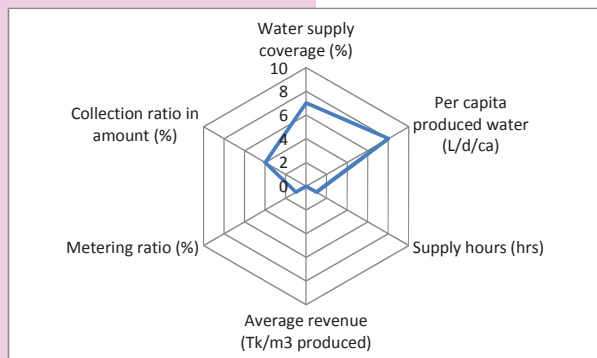
D. Non-Piped Water Supply Area																		
1. Necessity of Piped Water Supply																		
Necessity of		Main treatment method in domestic	None, , ,															
Piped water	Yes	As contaminated wells (Nos.)	Do not know															
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know															
Reasons	To minimize wastage of water. To know the actual water volume that is used.	Unhygienic drinking water (%)	Do not know															
		% of people using neighbor's well for drinking	15															
		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)	11,000	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Arsenic, Iron</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>0</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Arsenic, Iron	Deep well	High	Iron	Surface water sources	-	-	Other sources	No	0
Potential water sources	Evaluation	WQ problems																
Shallow well	Moderate	Arsenic, Iron																
Deep well	High	Iron																
Surface water sources	-	-																
Other sources	No	0																
Affordability for piped water (Tk/month)	300	Decrease of ground water level																
Affordable price in total household income (%)	3	Shallow well (m/year)	0.1															
		Deep well (m/year)																
2. Existing Water Sources in Non-Piped Water Supply Area																		
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	0	0	0															
Shallow well	1,150	70	30															
Deep well	260	30	20															
Ponds	320	0	35															
Other sources	3	0	15															

A. Pourashava Profile

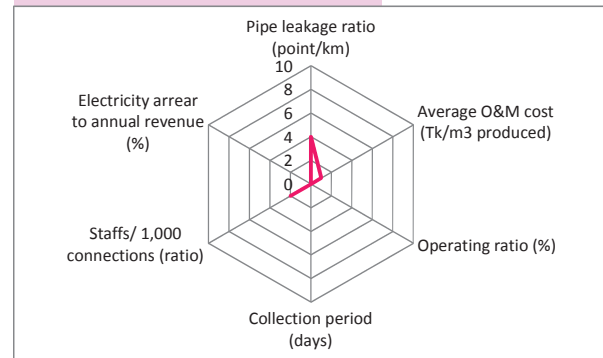
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20
District	Rangamati	Water sealed slab latrine (%)	50
Year established	1972	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0351-62322, Fax: 0351-61998	Technical staff (Nos.)	9
E-mail	rangamati.pourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	87,738	Annual budget (Tk)	90,677,324
Nos. of households (FY2010/2011)	16,500	Revenue (Tk)	62,521,115
Literacy (%)	70	Expenditure (Tk)	51,449,000
Land area (km ²)	69	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	136	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	Yes, 2 months
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)	177	Operating ratio (%)	No data
Supply Hour (Hrs)	2	Collection ratio in amount (%)	71
Non-revenue water (NRW) (%)	-	Collection period (days)	No data
Pipe leakage ratio (point/km)	1.3	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	No data	Electricity arrear to annual revenue (%)	No data
Average O&M cost (Tk/m ³ produced)	0.8		



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)	Do not know	Chlorination points (Nos.)	
Piped system introduced (year)	1972	PTW	-
Pourashava responsibility	O&M, ,	IRP/AIRP	-
Computerization/Automation	, Billing, , , , ,	Surface WTP	3
Staff in water section (Nos.)	26	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	0
2. Water Supply System		Total production, Summer (m ³ /day)	6,200
Operation of water supply facilities	In operation	(2) Distribution	
(1) Production		Overhead tank	0
Water sources for piped system	, River	Overhead tanks (Nos.)	0
Production tube well		Total capacity (m ³)	0
PTW (Nos.)	0	Distribution network (km):	136,000
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	180
Ave. depth (m)	0	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	0	Production wells	
Ave. current capacity per unit (m ³ /hrs)	0	Pump	Very old
Ave. production hours, Summer (hrs/day)	0	Treatment plant	Very old
Total production, Summer (m ³ /day)	0	Pipeline	Leakage and damaged pipe line
Treatment plants (Nos.)		Customer water meter	
AIRP	0	House connection	Leakage
IRP	0	O&M manuals (Nos.)	2
Surface water treatment plants	3	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	180
Production of plant	0	Leakage detection activity	No
Total capacity (m ³ /hrs)	397		
Production hours, Summer (hrs/day)	20		
Total production (m ³ /day)	6,200		

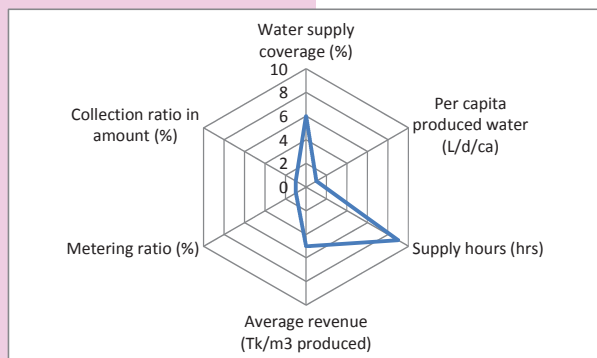
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	600
Rehabilitation				Tariff adopted year	2009
Production tube well	No			Tariff setting policy	,,,,,
Treatment plant	Yes			7. Water Quality Monitoring	
Distribution network	Yes			Water quality monitoring plan	Yes
Expansion				Parameters checked	Temperature, Cl, Fe, Mn, Bacteria
Production tube well	Yes			Frequency of quality test	Once in a year
Treatment plant	Yes			Nos. of sampling location /year	2
Distribution network	Yes			Water quality problems	
4. Customer Service (Service indicators)				8. Problems and Priority Needs	
Coverage area (km ²)	20			Major 3 problems	(1) Less financial resources
Population served (people)	35,000				(2) Aging facilities
Service connections (Nos.)	4,757				(3) Insufficient water production
Domestic	4,474			Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	0				(2) Distribution network
Public institutions	0				(3) Increase of water pressure
Commercial & industrial	283			9. Past and On-going Projects and Training	
Others	0			(1) Past 10 years projects	
Total	4,757			Name	-
Metered connections (Nos.)	0			Period	-
Applications outstanding (Nos.)	5			Funding agency	-
New connections in 2010/2011 (Nos.)	180			Executing agency	-
Average waiting time (days)	3-4			(2) Past 10 years projects	
Water pressure at the end of network	, , Low,			Name	-
Continuity of service (hrs/day)	2			Period	-
Customer with 24 hrs supply (%)	0			Funding agency	-
Annual complaints (Nos.)	300			Executing agency	-
Major complaints	(1) Insufficient water supply			On-going projects	
	(2) Less water supply as per demand			Name	-
	(3) No timely water supply			Period	-
5. Financial Information (FY2010/11)					
Annual budget (Tk)	0			Funding agency	-
Annual revenue (Tk)	Not available			Executing agency	-
Annual expenditure (Tk)	Not available			Training	0
Annual O&M Costs (Tk)	1,850,938			Nos. of training	0
Annual billings (Tk)	11,311,130			Nos. of Staff	0
Annual collections (Tk)	8,001,672			Name of training (1)	-
Water arrears (Tk)	220,000			Name of training (2)	-
Electricity arrears (Tk)	19,000,000			Name of training (3)	-
Payment methods	, Bank			D. Non-Piped Water Supply Area	
Self-billing	Yes			1. Necessity of Piped Water Supply	
Billing frequency	Every 2 months			Necessity of	
6. Water Tariff and Metering (See Tariff Database)				Main treatment method in domestic	
Tariff Structure	Based on pipe size			As contaminated wells (Nos.)	
Domestic 13 mm (1/2") (Tk/month)	80			Arsenic contaminated water supply (%)	
Non-domestic lowest (Tk/month)	400			Unhygienic drinking water (%)	
Lowest volumetric charge (Tk/m ³)	0			% of people using neighbor's well for drinking	
D. Non-Piped Water Supply Area				Problems in non-piped water supply area	
1. Necessity of Piped Water Supply				Iron, odour,	
Necessity of				3. Potential Water Sources for Non-Piped Water Supply System	
Piped water	Yes			Potential water sources	
Water meter	Yes			Evaluation	
Reasons	By knowing how much water are delivered to the consumers, we can save water and reduce waste in household.			WQ problems	
Affordability (answered by pourashava staff)	0			Shallow well	Moderate
Average household income/month (Tk)	9,000			Deep well	High
Affordability for piped water (Tk/month)	360			Surface water sources	High
Affordable price in total household income (%)	4			Other sources	No
2. Existing Water Sources in Non-Piped Water Supply Area				Decrease of ground water level	
Source	Nos. of source	Drinking (%)	Domestic (%)	Shallow well (m/year)	
River	0	0	0	Deep well (m/year)	
Shallow well	500	59	20		
Deep well	2	1	0		
Ponds	0	0	0		
Other sources	350	40	80		

A. Pourashava Profile

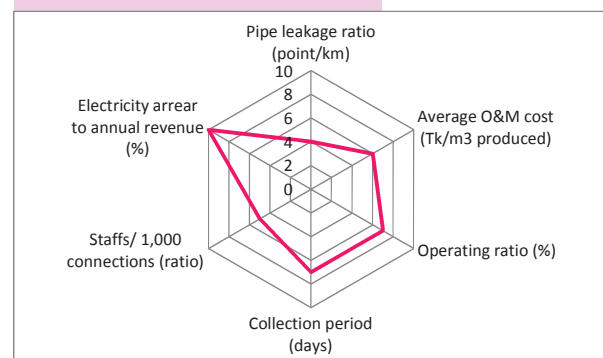
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	65
District	Rangpur	Water sealed slab latrine (%)	20
Year established	1879	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0521-65186 Fax: 0521-64858	Technical staff (Nos.)	29
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	896,000	Annual budget (Tk)	376,340,000
Nos. of households (FY2010/2011)	103,000	Revenue (Tk)	187,430,000
Literacy (%)	65	Expenditure (Tk)	184,510,000
Land area (km ²)	203	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	104	Committee formed	
Residential area pop. density (persons/ha)	86	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	14		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	33	Metering ratio (%)	0
Per capita produced water (L/d/ca)	16	Operating ratio (%)	103
Supply Hour (Hrs)	10	Collection ratio in amount (%)	39
Non-revenue water (NRW) (%)	28.24	Collection period (days)	207
Pipe leakage ratio (point/km)	1.6	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	3.1	Electricity arrear to annual revenue (%)	273
Average O&M cost (Tk/m ³ produced)	3.2		



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)	1973
Piped system introduced (year)	1961
Pourashava responsibility	O&M, , Part of construction
Computerization/Automation	, Billing, , , ,
Staff in water section (Nos.)	36
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.)	0
Ave. depth (m)	83
Capacity at commission (m ³ /hrs)	107
Ave. current capacity per unit (m ³ /hrs)	84
Ave. production hours, Summer (hrs/day)	7
Total production, Summer (m ³ /day)	4,860
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)	600
Production hours, Summer (hrs/day)	10
Total production (m ³ /day)	6,000

Chlorination points (Nos.)	
PTW	0
IRP/AIRP	2
Surface WTP	-
Bulk flow meters (Nos.)	7
Bulk flow meter readings (Nos.)	5
Total production, Summer (m ³ /day)	4,860

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	5
Total capacity (m ³)	3,400
Distribution network (km):	135,250
Leakages in distribution (Nos.)	220

(3) O&M Problems

Production wells	Low yield
Pump	All pumps are very old and bearing of pump motor is worn out. Efficiency reduced.
Treatment plant	High lift pumps are frequently breaking. Needs good repair.
Pipeline	AC pipelines shows frequent leakage and contaminate supply water.
Customer water meter	
House connection	Leakage due to old fittings.
O&M manuals (Nos.)	2
O&M assistance form DPHE	No
Annual leakages (Nos.)	220
Leakage detection activity	Yes

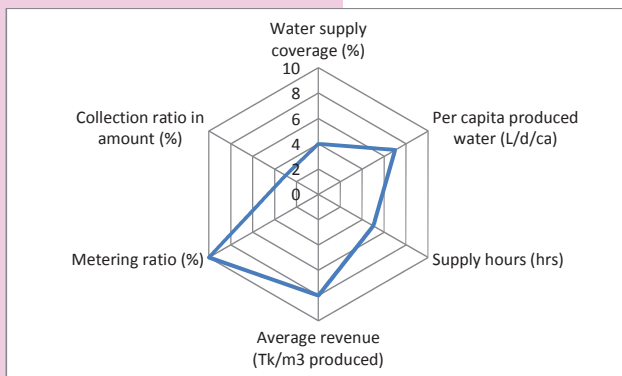
3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	1,000
Rehabilitation			Tariff adopted year	1994
Production tube well	Yes		Tariff setting policy	, Operation cost recovery (O&M costs),
Treatment plant	No			''''
Distribution network	Yes		7. Water Quality Monitoring	
Expansion			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	-
4. Customer Service (Service indicators)			Water quality problems	High Iron
Coverage area (km ²)	68		8. Problems and Priority Needs	
Population served (people)	295,680		Major 3 problems	
Service connections (Nos.)	4,369		(1)	Low coverage
Domestic	4,197		(2)	In sufficient technical capacity
Public tap/ stand pipe	29		(3)	Less financial resources
Public institutions	0		Major 3 priority needs	
Commercial & industrial	143		(1)	Increase of production capacity
Others	0		(2)	Distribution network
Total	4,369		(3)	Increase of tariff rates to cover O&M costs
Metered connections (Nos.)	0		9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	25		(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	220		Name	-
Average waiting time (days)	3		Period	-
Water pressure at the end of network	, , Low,		Funding agency	-
Continuity of service (hrs/day)	10		Executing agency	-
Customer with 24 hrs supply (%)	0		(2) Past 10 years projects	
Annual complaints (Nos.)	200-300		Name	-
Major complaints	(1) Low pressure		Period	-
	(2) In sufficient supply		Funding agency	-
	(3) Poor water quality		Executing agency	-
5. Financial Information (FY2010/11)			On-going projects	
Annual budget (Tk)	19,800,000		Name	-
Annual revenue (Tk)	5,500,000		Period	-
Annual expenditure (Tk)	5,670,000		Funding agency	-
Annual O&M Costs (Tk)	5,670,000		Executing agency	-
Annual billings (Tk)	5,149,651		(2) Past 10 years projects	
Annual collections (Tk)	2,025,780		Name	-
Water arrears (Tk)	3,123,871		Period	-
Electricity arrears (Tk)	15,000,000		Funding agency	-
Payment methods	, Bank		Executing agency	-
Self-billing	No		On-going projects	
Billing frequency	Monthly		Name	-
6. Water Tariff and Metering (See Tariff Database)			37 district towns water supply project	
Tariff Structure	Based on pipe size		Period	2010-2012
Domestic 13 mm (1/2") (Tk/month)	50		Funding agency	GOB
Non-domestic lowest (Tk/month)	100		Executing agency	DPHE
Lowest volumetric charge (Tk/m ³)	0		Training	0
D. Non-Piped Water Supply Area			Nos. of training	2
1. Necessity of Piped Water Supply			Nos. of Staff	5
Necessity of			Name of training (1)	Quality of materials
Piped water	Yes		Name of training (2)	Water quality/Bill
Water meter	Yes		Name of training (3)	-
Reasons	- To save water and reduce waste in household. - Reduce non-revenue water, meter is required.		Main treatment method in domestic	None, , ,
Affordability (answered by pourashava staff)	0		As contaminated wells (Nos.)	No data
Average household income/month (Tk)	12,000		Arsenic contaminated water supply (%)	No data
Affordability for piped water (Tk/month)	50		Unhygienic drinking water (%)	No data
Affordable price in total household income (%)	0		% of people using neighbor's well for drinking	35
2. Exiting Water Sources in Non-Piped Water Supply Area			Problems in non-piped water supply area	Iron,
Source	Nos. of source	Drinking (%)	3. Potential Water Sources for Non-Piped Water Supply System	
River	0	0		
Shallow well	6,500	100	Potential water sources	Evaluation
Deep well	0	0	Shallow well	None
Ponds	No data	0	Deep well	High iron
Other sources	0	0	Surface water sources	-
			Other sources	FALSE
			Decrease of ground water level	0
			Shallow well (m/year)	1.0
			Deep well (m/year)	1.0

A. Pourashava Profile

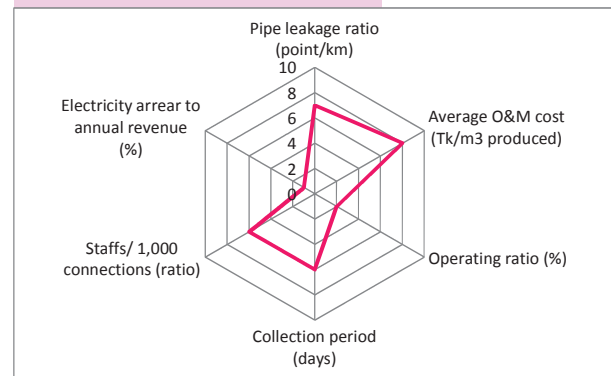
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	35
District	Lakshmipur	Water sealed slab latrine (%)	50
Year established	1994	Water-related diseases	, , , , ,
Contact Tel/Fax	03822-56274	Technical staff (Nos.)	18
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	35,738	Annual budget (Tk)	24,007,920
Nos. of households (FY2010/2011)	6,300	Revenue (Tk)	13,964,749
Literacy (%)	70	Expenditure (Tk)	13,914,072
Land area (km ²)	10	Computerization	Holding tax management, , , , , Yearly logical budget preparation, ,
Residential area (km ²)	4	Committee formed	
Residential area pop. density (persons/ha)	84	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	10		
Winter	18		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	24	Metering ratio (%)	80
Per capita produced water (L/d/ca)	138	Operating ratio (%)	60
Supply Hour (Hrs)	6	Collection ratio in amount (%)	67
Non-revenue water (NRW) (%)	-	Collection period (days)	140
Pipe leakage ratio (point/km)	3.9	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	8.3	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	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	Chlorination points (Nos.)	
Piped system introduced (year)	2002	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	1
Computerization/Automation	None, , , , ,	Surface WTP	-
Staff in water section (Nos.)	13	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	3	Bulk flow meter readings (Nos.)	0
2. Water Supply System		Total production, Summer (m ³ /day)	1,200
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)	700
PTW (Nos.)	3	Distribution network (km):	32,000
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	125
Ave. depth (m)	358	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	38	Production wells	Decrease of production capacity
Ave. current capacity per unit (m ³ /hrs)	34	Pump	Submersible pump problem
Ave. production hours, Summer (hrs/day)	11	Treatment plant	
Total production, Summer (m ³ /day)	1,200	Pipeline	Leakage
Treatment plants (Nos.)		Customer water meter	No problem
AIRP	0	House connection	Leakage
IRP	1	O&M manuals (Nos.)	0
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	125
Production of plant	0	Leakage detection activity	No
Total capacity (m ³ /hrs)	200		
Production hours, Summer (hrs/day)	10		
Total production (m ³ /day)	1,200		

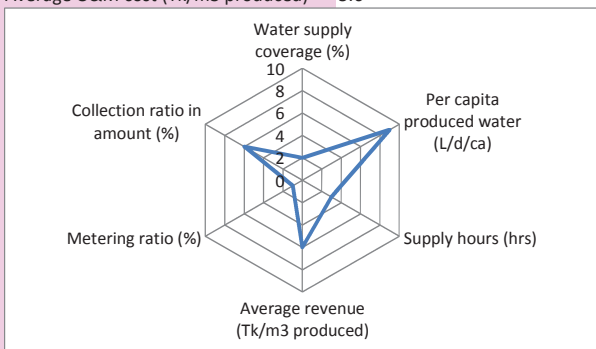
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,000
Rehabilitation		Tariff adopted year	Sep, 2011
Production tube well	No	Tariff setting policy	, , , People's affordability to pay , ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	No	Water quality monitoring 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	1. Bacteriological Problem 2. Unlearned water due to leakage
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	2	Major 3 problems	
Population served (people)	8,694		(1) Electricity problem
Service connections (Nos.)	1,544		(2) Water supply area insufficient
Domestic	1,524		(3) Water quality problem
Public tap/ stand pipe	0	Major 3 priority needs	
Public institutions	0		(1) Increase of production capacity
Commercial & industrial	20		(2) Production well and pump
Others	0		(3) Water flow monitoring
Total	1,544	9. Past and On-going Projects and Training	
Metered connections (Nos.)	1,240	(1) Past 10 years projects	
Applications outstanding (Nos.)	50	Name	-
New connections in 2010/2011 (Nos.)	125	Period	-
Average waiting time (days)	12	Funding agency	-
Water pressure at the end of network	, Fair , ,	Executing agency	-
Continuity of service (hrs/day)	6	(2) Past 10 years projects	-
Customer with 24 hrs supply (%)	0	Name	-
Annual complaints (Nos.)	72	Period	-
Major complaints	(1) Water unavailability	Funding agency	-
	(2) Leakage problem	Executing agency	-
	(3) Average 12hrs water supply	On-going projects	-
5. Financial Information (FY2010/11)		Name	-
Annual budget (Tk)	31,507,920	Period	-
Annual revenue (Tk)	3,627,449	Funding agency	-
Annual expenditure (Tk)	3,627,449	Executing agency	-
Annual O&M Costs (Tk)	2,177,651	(2) Past 10 years projects	-
Annual billings (Tk)	3,859,484	Name	-
Annual collections (Tk)	2,601,129	Period	-
Water arrears (Tk)	1,390,141	Funding agency	-
Electricity arrears (Tk)	0	Executing agency	-
Payment methods	, Bank	On-going projects	-
Self-billing	No	Name	-
Billing frequency	Monthly	Period	-
6. Water Tariff and Metering (See Tariff Database)		Funding agency	-
Tariff Structure	Metered rate	Executing agency	-
		Training	0
Domestic 13 mm (1/2") (Tk/month)	240	Nos. of training	2
Non-domestic lowest (Tk/month)	320	Nos. of Staff	2
Lowest volumetric charge (Tk/m ³)	12	Name of training (1)	Water billing software
		Name of training (2)	Refreshing water billing software
		Name of training (3)	-
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	, Boiling , ,
Necessity of		As contaminated wells (Nos.)	Do not know
Piped water	Yes	Arsenic contaminated water supply (%)	10
Water meter	Yes	Unhygienic drinking water (%)	15
Reasons	For decrease NRW, consumer can know the actual water volume that they will use.	% of people using neighbor's well for drinking	30
		Problems in non-piped water supply area	Arsenic, chloride, 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	Evaluation WQ problems
Affordability for piped water (Tk/month)	300	Shallow well	Moderate (Arsenic, Iron, chloride)
Affordable price in total household income (%)	3	Deep well	High No problem
2. Existing Water Sources in Non-Piped Water Supply Area		Surface water sources	- -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	520	30	20
Deep well	360	70	20
Ponds	415	0	50
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	1.0
		Deep well (m/year)	1.0

A. Pourashava Profile

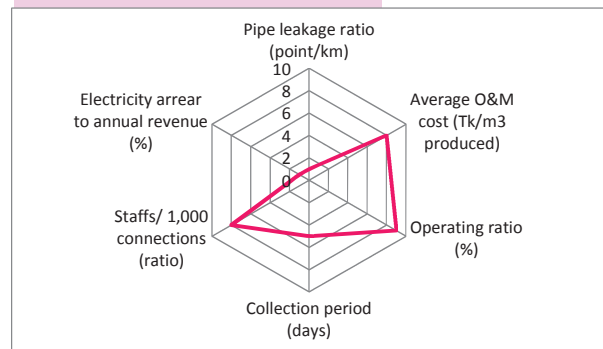
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	20
District	Jhenaidah	Water sealed slab latrine (%)	70
Year established	1992	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 04526-56014	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	33,421	Annual budget (Tk)	30,758,060
Nos. of households (FY2010/2011)	8,500	Revenue (Tk)	18,702,030
Literacy (%)	72	Expenditure (Tk)	17,968,000
Land area (km ²)	21	Computerization	Holding tax management, Accounting, , 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)	36	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	10	Metering ratio (%)	0
Per capita produced water (L/d/ca)	220	Operating ratio (%)	159
Supply Hour (Hrs)	4	Collection ratio in amount (%)	78
Non-revenue water (NRW) (%)	11.32	Collection period (days)	100
Pipe leakage ratio (point/km)	0.4	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m ³ produced)	3.5	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	5.6		



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)	1998	Chlorination points (Nos.)	
Piped system introduced (year)	1995	PTW	0
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.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	770

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):	9,250
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	4
Ave. depth (m)	96	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	83	Production wells	- Sandy water (PDW no. 2) supply - Decrease of production capacity
Ave. current capacity per unit (m ³ /hrs)	74	Pump	- Bearing is out of order - Physical damage of shaft
Ave. production hours, Summer (hrs/day)	3	Treatment plant	-
Total production, Summer (m ³ /day)	770	Pipeline	i. Dresser coupling by iron used ii. Leakage
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Joint failure by ironized socket/ fittings etc.
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.)	4
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		

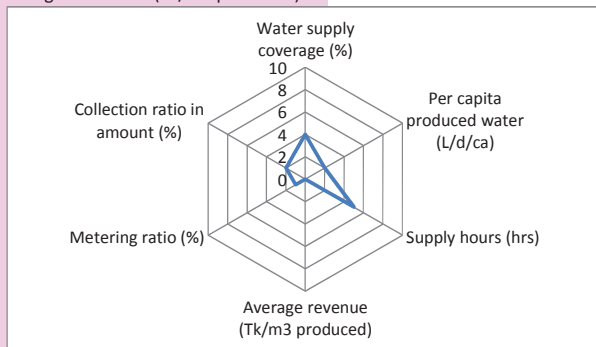
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,200
Rehabilitation		Tariff adopted year	1999
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality 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	Too much iron, so all water fittings almost found resting and the longevity are not found sustainable.
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	2	Major 3 problems	(1) Low coverage
Population served (people)	3,500		(2) Less financial resources
Service connections (Nos.)	735		(3) In sufficient technical support
Domestic	715	Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	12		(2) Expansion and replacement of network
Public institutions	0		(3) Improvement of water quality
Commercial & industrial	8	9. Past and On-going Projects and Training	
Others	0	(1) Past 10 years projects	
Total	735	Name	-
Metered connections (Nos.)	0	Period	-
Applications outstanding (Nos.)	0	Funding agency	-
New connections in 2010/2011 (Nos.)	0	Executing agency	-
Average waiting time (days)	0	(2) Past 10 years projects	-
Water pressure at the end of network	, , Low,	Name	-
Continuity of service (hrs/day)	4	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	450-500	Executing agency	-
Major complaints	(1) In sufficient water quantity	On-going projects	-
	(2) No 24 hours supply	Name	-
	(3) Water pressure is low	Period	-
5. Financial Information (FY2010/11)		Funding agency	-
Annual budget (Tk)	0	Executing agency	-
Annual revenue (Tk)	988,655	(2) Past 10 years projects	-
Annual expenditure (Tk)	941,182	Name	-
Annual O&M Costs (Tk)	1,573,240	Period	-
Annual billings (Tk)	1,223,423	Funding agency	-
Annual collections (Tk)	953,232	Executing agency	-
Water arrears (Tk)	270,000	On-going projects	-
Electricity arrears (Tk)	0	Name	-
Payment methods	, Bank	Period	-
Self-billing	No	Funding agency	-
Billing frequency	Monthly	Executing agency	-
6. Water Tariff and Metering (See Tariff Database)		Training	-
Tariff Structure	Based on pipe size	Nos. of training	2
Domestic 13 mm (1/2") (Tk/month)	150	Nos. of Staff	2
Non-domestic lowest (Tk/month)	225	Name of training (1)	TOI (Training of Trainer) Course Pourashava Organization & Management
Lowest volumetric charge (Tk/m ³)	0	Name of training (2)	Billing system of software
		Name of training (3)	-
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,
Necessity of Piped water	Yes	As contaminated wells (Nos.)	No data
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	- To save water and reduce waste in household. - How much water produced & how much water delivered to customers.	Unhygienic drinking water (%)	No data
Affordability (answered by pourashava staff)	0	% of people using neighbor's well for drinking	30
Average household income/month (Tk)	15,000	Problems in non-piped water supply area	No problem, No problem
Affordability for piped water (Tk/month)	150	3. Potential Water Sources for Non-Piped Water Supply System	
Affordable price in total household income (%)	1	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
2. Exiting Water Sources in Non-Piped Water Supply Area		Shallow well	None Iron
Source	Nos. of source	Deep well	High Excessive iron
River	1	Surface water sources	High Needs treatment
Shallow well	5,000	Other sources	No -
Deep well	0	Decrease of ground water level	
Ponds	0	Shallow well (m/year)	2.0
Other sources	0	Deep well (m/year)	-

A. Pourashava Profile

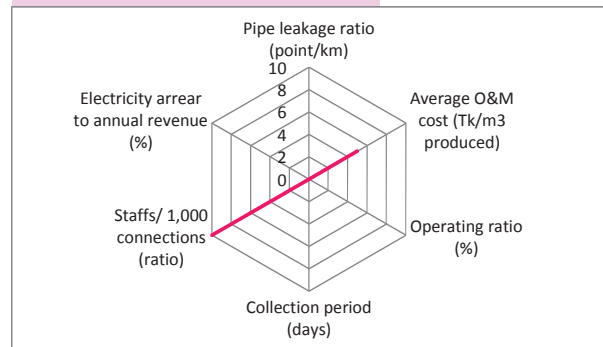
Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	25
District	Bogra	Water sealed slab latrine (%)	55
Year established	1988	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0741-69778	Technical staff (Nos.)	8
E-mail	santapoura@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	65,200	Annual budget (Tk)	24,525,880
Nos. of households (FY2010/2011)	5,160	Revenue (Tk)	15,358,818
Literacy (%)	75	Expenditure (Tk)	27,866,029
Land area (km ²)	11	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	3	Committee formed	
Residential area pop. density (persons/ha)	206	TLCC /Frequency of meeting	No
Electricity coverage (%)	80	WATSAN/Frequency of meeting	Yes, 1 month, but not regularly
Electricity availability (hrs)			
Summer	20		
Winter	23		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	21	Metering ratio (%)	0
Per capita produced water (L/d/ca)	40	Operating ratio (%)	-
Supply Hour (Hrs)	6	Collection ratio in amount (%)	51
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	20
Average revenue (Tk/m ³ produced)	No data	Electricity arrear to annual revenue (%)	-
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)	2008	Chlorination points (Nos.)	
Piped system introduced (year)	2008	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.)	5	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)	540

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.)	1	Distribution network (km):	3,114
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	No data
Ave. depth (m)	37	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	100	Production wells	This is new system and no major problem occurred yet
Ave. current capacity per unit (m ³ /hrs)	90	Pump	-
Ave. production hours, Summer (hrs/day)	6	Treatment plant	-
Total production, Summer (m ³ /day)	540	Pipeline	-
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	No
Plants not in operation	0	Annual leakages (Nos.)	No data
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		

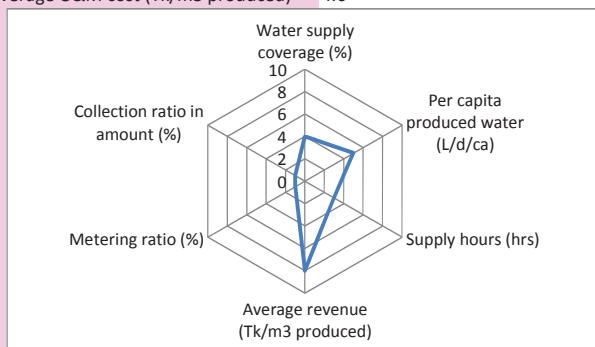
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	120
Rehabilitation		Tariff adopted year	2010
Production tube well	No	Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	No	Water quality monitoring plan	-
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	Iron quantity is too high
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	2	Major 3 problems	(1) Low coverage
Population served (people)	13,500		(2) Water quality problem
Service connections (Nos.)	254		(3) Less financial resources (need financial support)
Domestic	244	Major 3 priority needs	(1) Improvement of water quality
Public tap/ stand pipe	8		(2) Expansion and replacement of network
Public institutions	2		(3) Increase of production capacity
Commercial & industrial	0		
Others	0		
Total	254		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	Good, , ,	Funding agency	-
Continuity of service (hrs/day)	6	Executing agency	-
Customer with 24 hrs supply (%)	None, only 2 times (6 hr) supply	(2) Past 10 years projects	
Annual complaints (Nos.)	4	Name	-
Major complaints	(1) More iron	Period	-
	(2) Ask 24 hours supply	Funding agency	-
	(3) Low coverage	Executing agency	-
5. Financial Information (FY2010/11)		On-going projects	
Annual budget (Tk)	There was no separate budget in 2010/2011	Name	-
Annual revenue (Tk)	0	Period	-
Annual expenditure (Tk)	0	Funding agency	-
Annual O&M Costs (Tk)	578,000	Executing agency	-
Annual billings (Tk)	351,310	Training	
Annual collections (Tk)	180,110	Nos. of training	0
Water arrears (Tk)	25,000	Nos. of Staff	0
Electricity arrears (Tk)	150,000	Name of training (1)	-
Payment methods	Pourashava office,	Name of training (2)	-
Self-billing	No	Name of training (3)	-
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Fixed amount		
Domestic 13 mm (1/2") (Tk/month)	120		
Non-domestic lowest (Tk/month)	200		
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 Piped water	Yes	As contaminated wells (Nos.)	0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- To ensure the proper consumption - To develop water billing system as per use of water	Unhygienic drinking water (%)	3
		% of people using neighbor's well for drinking	20
		Problems in non-piped water supply area	Draw down of water table, not available 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)	8,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	120	Shallow well	Moderate Iron
Affordable price in total household income (%)	2	Deep well	- -
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	- -
		Other sources	No -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	835	100	80
Deep well	0	0	0
Ponds	50	0	20
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	1.0
		Deep well (m/year)	-

A. Pourashava Profile

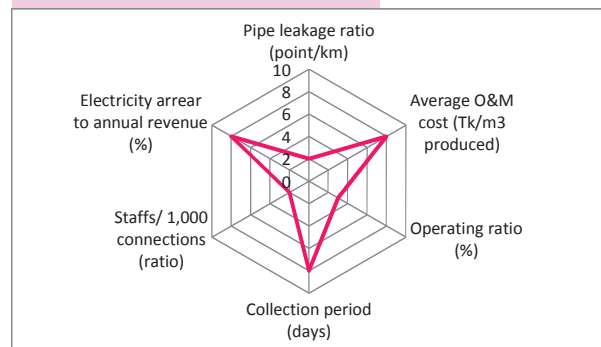
Class	B	Sanitation coverage	0
Division	Dhaka	Latrine with septic tank (%)	5
District	Jamalpur	Water sealed slab latrine (%)	70
Year established	1990	Water-related diseases	Arsenicosis, Diarrhea, , , Dysentery,
Contact Tel/Fax	0982756114	Technical staff (Nos.)	9
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	56,000	Annual budget (Tk)	180,154,740
Nos. of households (FY2010/2011)	9,531	Revenue (Tk)	17,210,328
Literacy (%)	62	Expenditure (Tk)	14,890,000
Land area (km ²)	24	Computerization	, , , , , Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	67	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	50	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	21	Metering ratio (%)	0
Per capita produced water (L/d/ca)	84	Operating ratio (%)	66
Supply Hour (Hrs)	4	Collection ratio in amount (%)	34
Non-revenue water (NRW) (%)	-	Collection period (days)	219
Pipe leakage ratio (point/km)	0.8	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	7.1	Electricity arrear to annual revenue (%)	77
Average O&M cost (Tk/m ³ produced)	4.6		



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)	1996
Piped system introduced (year)	1996
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.)	4
PTW not in operation (Nos.)	0
Ave. depth (m)	99
Capacity at commission (m ³ /hrs)	52
Ave. current capacity per unit (m ³ /hrs)	42
Ave. production hours, Summer (hrs/day)	5
Total production, Summer (m ³ /day)	1,006
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)	1,006

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	568
Distribution network (km):	15,364
Leakages in distribution (Nos.)	12

(3) O&M Problems

Production wells	Decrease the production capacity
Pump	-
Treatment plant	-
Pipeline	Leakage
Customer water meter	-
House connection	Lockage from fitting
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	12
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	300
Rehabilitation		Tariff adopted year	1996
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), Demand management, 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	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	9	Major 3 problems	(1) Leakage
Population served (people)	12,000		(2) Low coverage
Service connections (Nos.)	1,091		(3) Less financial resources
Domestic	1,038	Major 3 priority needs	(1) Production well and pump
Public tap/ stand pipe	15		(2) House connection and water meter
Public institutions	0		(3) 24-hour supply
Commercial & industrial	38	9. Past and On-going Projects and Training	
Others	0	(1) Past 10 years projects	
Total	1,091	Name	-
Metered connections (Nos.)	0	Period	-
Applications outstanding (Nos.)	0	Funding agency	-
New connections in 2010/2011 (Nos.)	0	Executing agency	-
Average waiting time (days)	0	(2) Past 10 years projects	-
Water pressure at the end of network	, , Low,	Name	-
Continuity of service (hrs/day)	4	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	120	Executing agency	-
Major complaints	(1) Water pressure is so Low	On-going projects	-
	(2) Water quality problem	Name	-
	(3) Leakage	Period	-
5. Financial Information (FY2010/11)		Funding agency	-
Annual budget (Tk)	2,991,500	Executing agency	-
Annual revenue (Tk)	2,591,500	(2) Past 10 years projects	-
Annual expenditure (Tk)	1,700,000	Name	-
Annual O&M Costs (Tk)	1,700,000	Period	-
Annual billings (Tk)	860,100	Funding agency	-
Annual collections (Tk)	291,630	Executing agency	-
Water arrears (Tk)	1,555,640	On-going projects	-
Electricity arrears (Tk)	2,000,000	Name	-
Payment methods	, Bank	Period	-
Self-billing	No	Funding agency	-
Billing frequency	Monthly	Executing agency	-
6. Water Tariff and Metering (See Tariff Database)		Training	-
Tariff Structure	Based on pipe size	Nos. of training	0
Domestic 13 mm (1/2") (Tk/month)	50	Nos. of Staff	0
Non-domestic lowest (Tk/month)	100	Name of training (1)	-
Lowest volumetric charge (Tk/m ³)	0	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 Piped water	Yes	As contaminated wells (Nos.)	50
Water meter	Yes	Arsenic contaminated water supply (%)	3
Reasons	- To reduce the waste of water. - calculate non revenue of water.	Unhygienic drinking water (%)	5
		% of people using neighbor's well for drinking	8
		Problems in non-piped water supply area	Arsenic, Iron, Water table declining
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	9,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	100	Shallow well	None Iron, arsenic
Affordable price in total household income (%)	1	Deep well	High None
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	moderate Turbidity
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	7,000	95	60
Deep well	30	5	20
Ponds	40	0	10
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	0.0
		Deep well (m/year)	0.0

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	25
District	Pirojpur	Water sealed slab latrine (%)	65
Year established	1998	Water-related diseases	, , , , ,
Contact Tel/Fax	04627-56062, 04627-56150, Fax- 04627-56151	Technical staff (Nos.)	8
E-mail	sarupkathimayor@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	26,525	Annual budget (Tk)	19,843,150
Nos. of households (FY2010/2011)	4,027	Revenue (Tk)	8,004,069
Literacy (%)	90	Expenditure (Tk)	9,255,650
Land area (km ²)	5	Computerization	, , Trade license, Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, Procurement,
Residential area (km ²)	3	Committee formed	
Residential area pop. density (persons/ha)	83	TLCC /Frequency of meeting	Yes, 6 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 (%)	2	Metering ratio (%)	0
Per capita produced water (L/d/ca)	180	Operating ratio (%)	-
Supply Hour (Hrs)	3	Collection ratio in amount (%)	-
Non-revenue water (NRW) (%)	-	Collection period (days)	-
Pipe leakage ratio (point/km)	-	Staffs/ 1,000 connections (ratio)	100
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)	2012	Chlorination points (Nos.)	
Piped system introduced (year)	2012	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
		Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	5	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Total production, Summer (m ³ /day)	90
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):	3,988
PTW (Nos.)	1	Leakages in distribution (Nos.)	No data
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	282	Production wells	Sandy water is found
Capacity at commission (m ³ /hrs)	30	Pump	Pump damage due to voltage fluctuation
Ave. current capacity per unit (m ³ /hrs)	30	Treatment plant	-
Ave. production hours, Summer (hrs/day)	3	Pipeline	Sometimes leakage found
Total production, Summer (m ³ /day)	90	Customer water meter	-
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	0
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	No data
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		

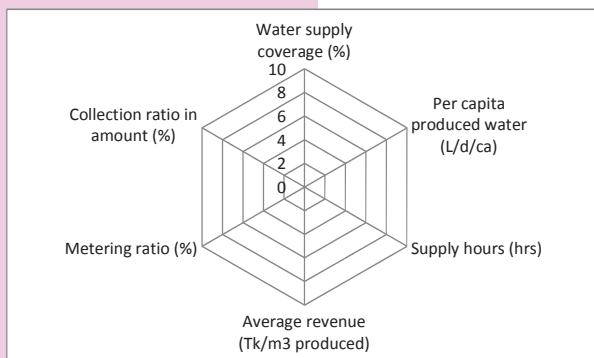
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,000
Rehabilitation		Tariff adopted year	2012
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	No	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	Few sandy water found
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	1	Major 3 problems	(1) Low coverage
Population served (people)	500		(2) Less financial resources
Service connections (Nos.)	50		(3) Insufficient technical and managing capacity
Domestic	50	Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	0		(2) Y/2 (Over Head Tank)
Public institutions	0		(3) Installation of house meters to all consumers
Commercial & industrial	0		
Others	0		
Total	50		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	Good, , ,	Funding agency	-
Continuity of service (hrs/day)	3	Executing agency	-
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	
Annual complaints (Nos.)	20 (for 2 months)	Name	-
Major complaints	(1) sandy water	Period	-
	(2) leakage	Funding agency	-
	(3) -	Executing agency	-
5. Financial Information (FY2010/11)		On-going projects	
Annual budget (Tk)	0	Name	-
Annual revenue (Tk)	0	Period	-
Annual expenditure (Tk)	0	Funding agency	-
Annual O&M Costs (Tk)	0	Executing agency	-
Annual billings (Tk)	0	Training	
Annual collections (Tk)	0	Nos. of training	0
Water arrears (Tk)	0	Nos. of Staff	0
Electricity arrears (Tk)	0	Name of training (1)	-
Payment methods	, Bank	Name of training (2)	-
Self-billing	No	Name of training (3)	-
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Based on pipe size		
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 Piped water	Yes	As contaminated wells (Nos.)	0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	1. To reduce misuse of water 2. To increase revenue income	Unhygienic drinking water (%)	10
		% of people using neighbor's well for drinking	60
		Problems in non-piped water supply area	Polluted, Iron found in shallow tube well
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)	200	Shallow well	Moderate Ironw iron
Affordable price in total household income (%)	3	Deep well	High No problem
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	Moderate Polluted
		Other sources	- -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	40	0	10
Deep well	160	100	30
Ponds	350	0	30
Other sources	8	0	20
		Decrease of ground water level	
		Shallow well (m/year)	0.3
		Deep well (m/year)	0.2

A. Pourashava Profile

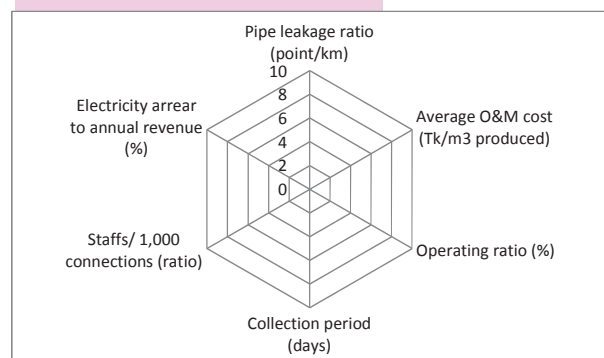
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	100
District	Dhaka	Water sealed slab latrine (%)	0
Year established	1994	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	07741815	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	140,300	Annual budget (Tk)	
Nos. of households (FY2010/2011)	20,558	Revenue (Tk)	63,979,296
Literacy (%)	60	Expenditure (Tk)	32,008,230
Land area (km ²)	14	Computerization	, Accounting, , Salary payment, Rate schedule and estimate preparation, , , ,
Residential area (km ²)	8	Committee formed	
Residential area pop. density (persons/ha)	187	TLCC /Frequency of meeting	No
Electricity coverage (%)	60	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	16-18		

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)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	2006	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):	30,930
		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	-

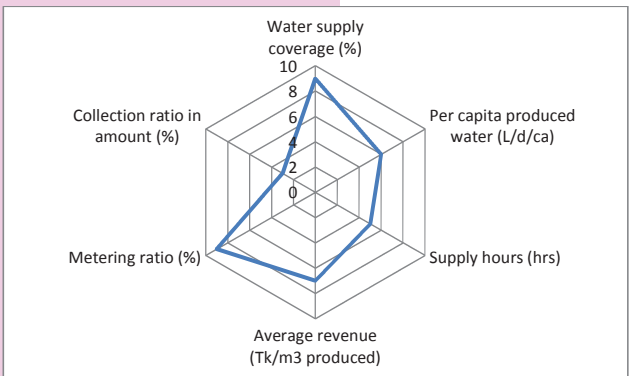
2. Water Supply System

Operation of water supply facilities	Not in operation		
(1) Production			
Water sources for piped system	Groundwater,		
Production tube well			
PTW (Nos.)	7		
PTW not in operation (Nos.)	7		
Ave. depth (m)	145		
Capacity at commission (m ³ /hrs)	210		
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		

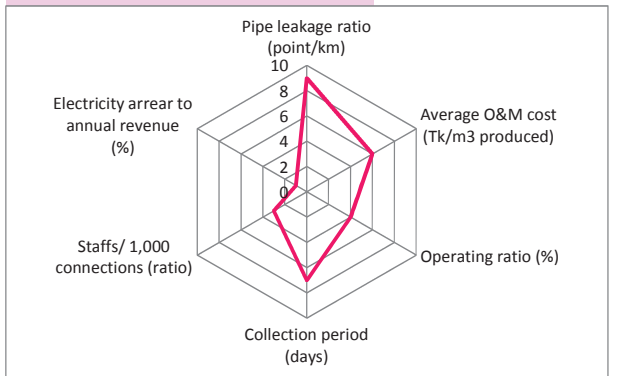
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service															
Rehabilitation		Tariff adopted year	No water tariff															
Production tube well	-	Tariff setting policy	, Operation cost recovery (O&M costs),															
Treatment plant	-		''''															
Distribution network	-																	
Expansion		7. Water Quality Monitoring																
Production tube well	-	Water quality monitoring plan	-															
Treatment plant	-	Parameters checked	-															
Distribution network	-	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) To provide water at a minimum cost															
Population served (people)	No water supply service		(2) To provide water in adequate pressure															
Service connections (Nos.)	-		(3) To provide safe drinking water															
Domestic	-																	
Public tap/ stand pipe	-																	
Public institutions	-																	
Commercial & industrial	-																	
Others	-																	
Total	-																	
Metered connections (Nos.)	-	Major 3 priority needs	(1) 24-hour supply															
Applications outstanding (Nos.)	-		(2) Enhancing customer services and public relations															
New connections in 2010/2011 (Nos.)	-		(3) Capacity building for staff and management															
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) 0	Name	UGIIP-I, II															
		Period	2003-2008															
		Funding agency	ADB															
		Executing agency	Pourashava															
		(2) Past 10 years projects																
		Name	B MDF															
		Period	B MDF															
		Funding agency	2010-2012															
		Executing agency	WB & Pourashava Revenue															
		On-going projects	Pourashava															
		Name	-															
		Period	City Region development Project															
		Funding agency	2012-2014															
		Executing agency	Donar															
		Training	LGED															
		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 ,																
Necessity of Piped water	Yes	As contaminated wells (Nos.)	No data															
Water meter	Yes	Arsenic contaminated water supply (%)	No data															
Reasons	The standard of living of the local people is not high enough to take the metered water supply in the initial stage	Unhygienic drinking water (%)	No data															
		% of people using neighbor's well for drinking	25															
		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)	15,000	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Fair. No arsenic problem</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Good. Fe: within standard</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>Too much polluted by industrial wastes</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>0</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Fair. No arsenic problem	Deep well	High	Good. Fe: within standard	Surface water sources	None	Too much polluted by industrial wastes	Other sources	No	0
Potential water sources	Evaluation	WQ problems																
Shallow well	Moderate	Fair. No arsenic problem																
Deep well	High	Good. Fe: within standard																
Surface water sources	None	Too much polluted by industrial wastes																
Other sources	No	0																
Affordability for piped water (Tk/month)	300-450	Decrease of ground water level																
Affordable price in total household income (%)	2-3	Shallow well (m/year)																
		Deep well (m/year)																
2. Existing Water Sources in Non-Piped Water Supply Area																		
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	0	0	0															
Shallow well	5,000	88	80															
Deep well	100	10	5															
Ponds	20	0	10															
Other sources	10	2	5															

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	25
District	Satkhira	Water sealed slab latrine (%)	60
Year established	1869	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0471-63714, 63893	Technical staff (Nos.)	27
E-mail	dipak_kumar_mitra@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	153,969	Annual budget (Tk)	163,992,950
Nos. of households (FY2010/2011)	23,475	Revenue (Tk)	53,902,945
Literacy (%)	65	Expenditure (Tk)	42,831,296
Land area (km ²)	31	Computerization	Holding tax management, , 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)	140	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	19		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)			
Water supply coverage (%)	45	Metering ratio (%)	55
Per capita produced water (L/d/ca)	123	Operating ratio (%)	78
Supply Hour (Hrs)	6	Collection ratio in amount (%)	58
Non-revenue water (NRW) (%)	15	Collection period (days)	194
Pipe leakage ratio (point/km)	9.1	Staffs/ 1,000 connections (ratio)	6
Average revenue (Tk/m ³ produced)	4.3	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.3		



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)	1975	Chlorination points (Nos.)	
Piped system introduced (year)	1919	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	-
Staff in water section (Nos.)	47	Bulk flow meters (Nos.)	6
In which, staff with diploma or higher qualification (Nos.)	3	Bulk flow meter readings (Nos.)	6
		Total production, Summer (m ³ /day)	8,640
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	2
		Total capacity (m ³)	1,100
		Distribution network (km):	10,317
		Leakages in distribution (Nos.)	94
		(3) O&M Problems	
		Production wells	Production well discharge decreasing.
		Pump	For long time use different accessories has gone out of repair.
		Treatment plant	Present filter sand are not working well
		Pipeline	The consumers of old Sat, Kukrali, Bakal, Per Kukrali, Rasulpur, Katia etc.
		Customer water meter	Due to non-availability of meter, Pourashava unable to give meter in old connection.
		House connection	Due to shortage of water, new connection cannot be given
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	Yes
		Annual leakages (Nos.)	94
		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.)	7		
PTW not in operation (Nos.)	1		
Ave. depth (m)	102		
Capacity at commission (m ³ /hrs)	117		
Ave. current capacity per unit (m ³ /hrs)	76		
Ave. production hours, Summer (hrs/day)	19		
Total production, Summer (m ³ /day)	8,640		
Treatment plants (Nos.)			
AIRP	2		
IRP	2		
Surface water treatment plants	0		
Plants not in operation	0		
Production of plant	0		
Total capacity (m ³ /hrs)	500		
Production hours, Summer (hrs/day)	22		
Total production (m ³ /day)	11,000		

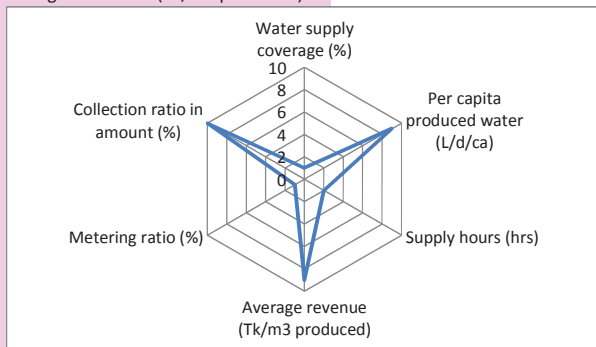
3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	300
Rehabilitation			Tariff adopted year	1998
Production tube well	Yes		Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, Ensuring water supply for socially vulnerable people,
Treatment plant	Yes		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	Yes		Nos. of sampling location /year	-
Distribution network	Yes		Water quality problems	The Pourashavas' water contain high iron CaCo3, So. It reduce the dia of house connection pipe.
4. Customer Service (Service indicators)			8. Problems and Priority Needs	
Coverage area (km ²)	18		Major 3 problems	(1) Low coverage/ insufficient production well
Population served (people)	70,000			(2) Less financial resources
Service connections (Nos.)	7,308			(3) Water quality problem
Domestic	6,900		Major 3 priority needs	(1) Installation of house meters to all consumers
Public tap/ stand pipe	208			(2) 24-hour supply
Public institutions	30			(3) Capacity building for staff and management
Commercial & industrial	170		9. Past and On-going Projects and Training	
Others	0		(1) Past 10 years projects	
Total	7,308		Name	-
Metered connections (Nos.)	4,024		Period	-
Applications outstanding (Nos.)	500		Funding agency	-
New connections in 2010/2011 (Nos.)	94		Executing agency	-
Average waiting time (days)	7		(2) Past 10 years projects	
Water pressure at the end of network	, , Low,		Name	-
Continuity of service (hrs/day)	6		Period	-
Customer with 24 hrs supply (%)	0		Funding agency	-
Annual complaints (Nos.)	95		Executing agency	-
Major complaints		(1) In sufficient pressure	On-going projects	-
		(2) In sufficient quality of water	Name	-
		(3) For getting new house connection	Period	37 District towns water supply project by DPHE
			Funding agency	2010-2013
			Executing agency	GOB
			(2) Past 10 years projects	DPHE
			Name	-
			Period	-
			Funding agency	-
			Executing agency	-
			On-going projects	-
			Name	-
			Period	-
			Funding agency	-
			Executing agency	-
			Training	0
			Nos. of training	2
			Nos. of Staff	2
			Name of training (1)	Water safety plan
			Name of training (2)	Exchange visit and water utilities networking workshop
			Name of training (3)	-
5. Financial Information (FY2010/11)				
Annual budget (Tk)	0			
Annual revenue (Tk)	13,408,444			
Annual expenditure (Tk)	13,203,405			
Annual O&M Costs (Tk)	10,464,436			
Annual billings (Tk)	16,957,740			
Annual collections (Tk)	9,869,590			
Water arrears (Tk)	7,116,184			
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)	150			
Non-domestic lowest (Tk/month)	300			
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.)	<small>City not known, But most of shallow tube wells of depth 100 feet are almost Arsenic contaminated.</small>
Water meter	Yes		Arsenic contaminated water supply (%)	5
Reasons	(1) Consumers will cautious about use of water (2) Water wastage will minimum (3) Consumers will happy that they are paying the water bill according their use.		Unhygienic drinking water (%)	5
			% of people using neighbor's well for drinking	8
			Problems in non-piped water supply area	Tube well water contain Iron, Arsenic, Pond water contaminated by bacteria.
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)	300		Shallow well	None High Iron, Arsenic & Saline
Affordable price in total household income (%)	3		Deep well	Moderate Excess iron, arsenic
			Surface water sources	None Source with polluted water.
			Other sources	No 0
2. Exiting Water Sources in Non-Piped Water Supply Area			Decrease of ground water level	
Source	Nos. of source	Drinking (%)	Shallow well (m/year)	0.2
River	0	0	Deep well (m/year)	0.2
Shallow well	4,510	5		
Deep well	48	25		
Ponds	195	0		
Other sources	0	70		

A. Pourashava Profile

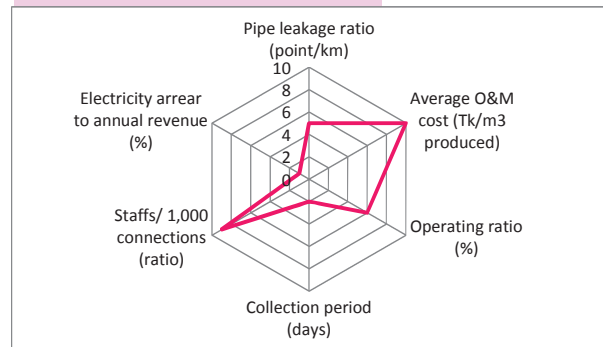
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	50
District	Nilphamari	Water sealed slab latrine (%)	20
Year established	1958	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 0526-73544	Technical staff (Nos.)	14
E-mail	saidpurpourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	163,503	Annual budget (Tk)	204,510,430
Nos. of households (FY2010/2011)	17,381	Revenue (Tk)	97,010,430
Literacy (%)	42	Expenditure (Tk)	94,561,000
Land area (km ²)	34	Computerization	Holding tax management, , , 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)	95	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	4	Metering ratio (%)	0
Per capita produced water (L/d/ca)	182	Operating ratio (%)	98
Supply Hour (Hrs)	3	Collection ratio in amount (%)	141
Non-revenue water (NRW) (%)	21	Collection period (days)	27
Pipe leakage ratio (point/km)	2	Staffs/ 1,000 connections (ratio)	14
Average revenue (Tk/m ³ produced)	11.3	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	11.1		



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)	1988
Piped system introduced (year)	1965
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.)	9
PTW not in operation (Nos.)	5
Ave. depth (m)	81
Capacity at commission (m ³ /hrs)	150
Ave. current capacity per unit (m ³ /hrs)	112
Ave. production hours, Summer (hrs/day)	3
Total production, Summer (m ³ /day)	1,200
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)	1,200

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	1,272
Distribution network (km):	30,000
Leakages in distribution (Nos.)	60

(3) O&M Problems

Production wells	Switch board and sluice valves are not properly functioning in 4 functioning PTWs.
Pump	4 motor repaired but not properly functioning
Treatment plant	-
Pipeline	9 km AC + old GI pipe frequent leakage
Customer water meter	-
House connection	No major problem
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	60
Leakage detection activity	No

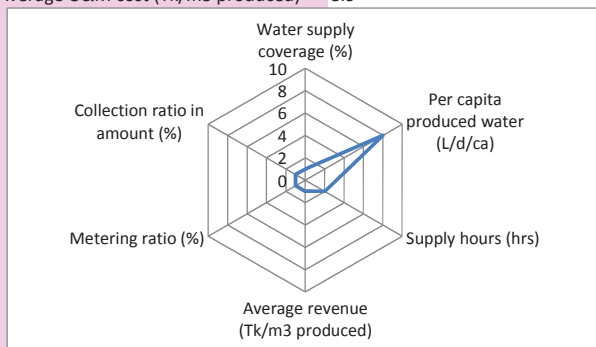
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	700			
Rehabilitation				Tariff adopted year	1995			
Production tube well	Yes				Tariff setting policy			
Treatment plant	No				, Operation cost recovery (O&M costs), , People's affordability to pay, ,			
Distribution network	Yes							
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)	3				Major 3 problems			
Population served (people)	6,600				(1) Low coverage			
Service connections (Nos.)	660				(2) Less financial resources			
Domestic	660				(3) In sufficient technical and management capacity			
Public tap/ stand pipe	0							
Public institutions	0				Major 3 priority needs			
Commercial & industrial	0				(1) Expansion and replacement of network			
Others	0				(2) Increase of production capacity			
Total	660				(3) Production well and pump			
Metered connections (Nos.)	0							
Applications outstanding (Nos.)	0							
New connections in 2010/2011 (Nos.)	0							
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.)	300							
Major complaints	(1) Leakage of pipe line							
	(2) 9 km old pipe line blocked							
	(3) Water not available due to electricity load shedding							
5. Financial Information (FY2010/11)				9. Past and On-going Projects and Training				
Annual budget (Tk)	5,098,750				(1) Past 10 years projects			
Annual revenue (Tk)	4,962,000				Name			
Annual expenditure (Tk)	4,805,000				Period			
Annual O&M Costs (Tk)	4,850,000				Funding agency			
Annual billings (Tk)	252,000				Executing agency			
Annual collections (Tk)	355,648				(2) Past 10 years projects			
Water arrears (Tk)	365,000				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				
Tariff Structure	Based on pipe size			Period				
Domestic 13 mm (1/2") (Tk/month)	40				Funding agency			
Non-domestic lowest (Tk/month)	0				Executing agency			
Lowest volumetric charge (Tk/m ³)	0				Training			
				Nos. of training	1			
				Nos. of Staff	1			
				Name of training (1)	Computer			
				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				0			
Water meter	No				Arsenic contaminated water supply (%)			
Reasons	-				0			
				Unhygienic drinking water (%)				
				No data				
				% of people using neighbor's well for drinking				
				0				
				Problems in non-piped water supply area				
				In Irri-Boro (dry) season, a little water available in hand tube wells,				
Affordability (answered by pourashava staff)				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)	100				Shallow well	None	Iron	
Affordable price in total household income (%)	1				Deep well	High	N	
				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 (%)	Domestic (%)	Shallow well (m/year)			3.00-4.00	
River	0	0	0	Deep well (m/year)			4.00-5.00	
Shallow well	15,000	100	100					
Deep well	0	0	0					
Ponds	0	0	0					
Other sources	0	0	0					

A. Pourashava Profile

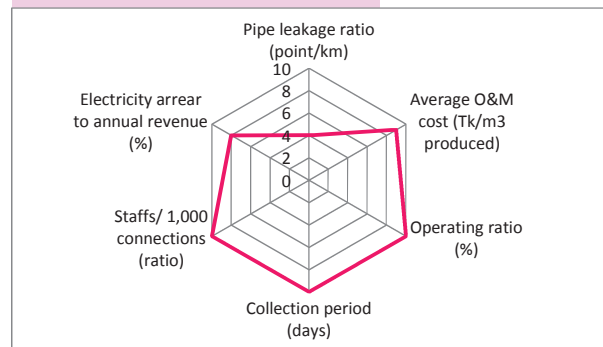
Class	B	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	50
District	Dinajpur	Water sealed slab latrine (%)	25
Year established	1996	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel: 05325-73147, 05325-73270	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	28,532	Annual budget (Tk)	16,473,229
Nos. of households (FY2010/2011)	4,500	Revenue (Tk)	9,363,560
Literacy (%)	80	Expenditure (Tk)	10,261,077
Land area (km ²)	10	Computerization	Holding tax management, Accounting, , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	46	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	6		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	5	Metering ratio (%)	0
Per capita produced water (L/d/ca)	154	Operating ratio (%)	1,475
Supply Hour (Hrs)	3	Collection ratio in amount (%)	45
Non-revenue water (NRW) (%)	-	Collection period (days)	452
Pipe leakage ratio (point/km)	1.5	Staffs/ 1,000 connections (ratio)	44
Average revenue (Tk/m ³ produced)	0.6	Electricity arrear to annual revenue (%)	60
Average O&M cost (Tk/m ³ produced)	8.9		



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)	2010	Chlorination points (Nos.)	
Piped system introduced (year)	2009	PTW	0
Pourashava responsibility	O&M, , Part of construction	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.)	0	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	220

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.)	2	Distribution network (km):	4,600
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	7
Ave. depth (m)	236	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	60	Production wells	Switch & switch board, flow meter & Sluice valve not operating
Ave. current capacity per unit (m ³ /hrs)	40	Pump	Switch & switch board, flow meter & SV not operating
Ave. production hours, Summer (hrs/day)	3	Treatment plant	-
Total production, Summer (m ³ /day)	220	Pipeline	Frequent pipe joint leakage
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	No
Plants not in operation	0	Annual leakages (Nos.)	7
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		

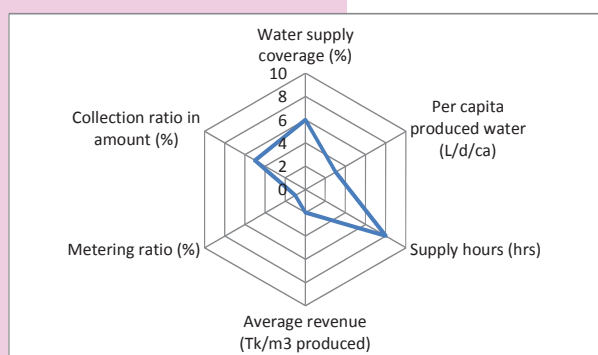
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	500
Rehabilitation		Tariff adopted year	2008
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution 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	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	1	Major 3 problems	(1) Low coverage of water supply
Population served (people)	1,426		(2) Less financial resources for development
Service connections (Nos.)	92		(3) Low supply hour
Domestic	90	Major 3 priority needs	(1) Expansion and replacement of network
Public tap/ stand pipe	0		(2) Production well and pump
Public institutions	2		(3) Increase of production capacity
Commercial & industrial	0		
Others	0		
Total	92		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	Good, , ,	Funding agency	-
Continuity of service (hrs/day)	3	Executing agency	-
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	
Annual complaints (Nos.)	10	Name	-
Major complaints	(1) Due to electricity load shedding, no water available (2) 24 hour continuous supply (3) -	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
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	51,000		
Annual revenue (Tk)	48,256		
Annual expenditure (Tk)	711,538		
Annual O&M Costs (Tk)	711,538		
Annual billings (Tk)	108,000		
Annual collections (Tk)	48,256		
Water arrears (Tk)	59,744		
Electricity arrears (Tk)	29,000		
Payment methods	Pourashava office,		
Self-billing	Yes		
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Based on pipe size		
Domestic 13 mm (1/2") (Tk/month)	50		
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 Piped water	Yes	As contaminated wells (Nos.)	No data
Water meter	No	Arsenic contaminated water supply (%)	No data
Reasons	This will require more expenditure	Unhygienic drinking water (%)	No data
		% of people using neighbor's well for drinking	No data
		Problems in non-piped water supply area	Iron in some area ,
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> <u>WQ problems</u>
Affordability for piped water (Tk/month)	200	Shallow well	High Iron in some area
Affordable price in total household income (%)	3	Deep well	High Iron in some area
2. Exiting 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	4,000	Shallow well (m/year)	1 meter up down
Deep well	2	Deep well (m/year)	1 meter up down
Ponds	0		
Other sources	0		
Drinking (%)	0		
Domestic (%)	0		

A. Pourashava Profile

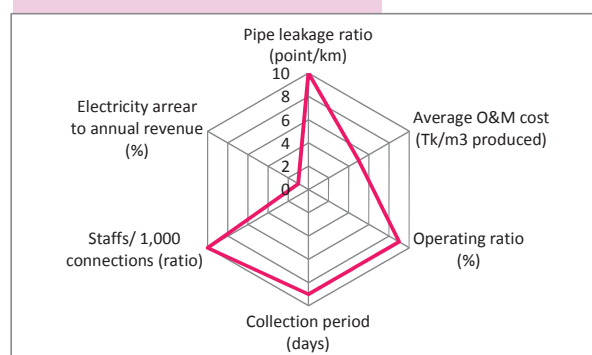
Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	25
District	Chandpur	Water sealed slab latrine (%)	30
Year established	1998	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	08427-56021	Technical staff (Nos.)	6
E-mail	hasan73362@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	30,000	Annual budget (Tk)	170,260,000
Nos. of households (FY2010/2011)	7,605	Revenue (Tk)	20,000,000
Literacy (%)	72	Expenditure (Tk)	19,000,000
Land area (km ²)	19	Computerization	, Accounting, , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	9	Committee formed	
Residential area pop. density (persons/ha)	34	TLCC/Frequency of meeting	Yes, 3 months
Electricity coverage (%)	96	WATSAN/Frequency of meeting	Yes, 5 months
Electricity availability (hrs)			
Summer	10		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	35	Metering ratio (%)	0
Per capita produced water (L/d/ca)	54	Operating ratio (%)	191
Supply Hour (Hrs)	8	Collection ratio in amount (%)	75
Non-revenue water (NRW) (%)	-	Collection period (days)	346
Pipe leakage ratio (point/km)	44.3	Staffs/ 1,000 connections (ratio)	34
Average revenue (Tk/m ³ produced)	1.6	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	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)	2009	Chlorination points (Nos.)	
Piped system introduced (year)	2009	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.)	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)	570
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	0
		Total capacity (m ³)	0
		Distribution network (km):	22,550
		Leakages in distribution (Nos.)	1,000
		(3) O&M Problems	
		Production wells	Mechanical problems.
		Pump	Breakdown of shaft and pump
		Treatment plant	-
		Pipeline	Leakage & iron blocking
		Customer water meter	-
		House connection	Leakage & iron blocking
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	1,000
		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.)	3
PTW not in operation (Nos.)	0
Ave. depth (m)	160
Capacity at commission (m ³ /hrs)	45
Ave. current capacity per unit (m ³ /hrs)	33
Ave. production hours, Summer (hrs/day)	6
Total production, Summer (m ³ /day)	570
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

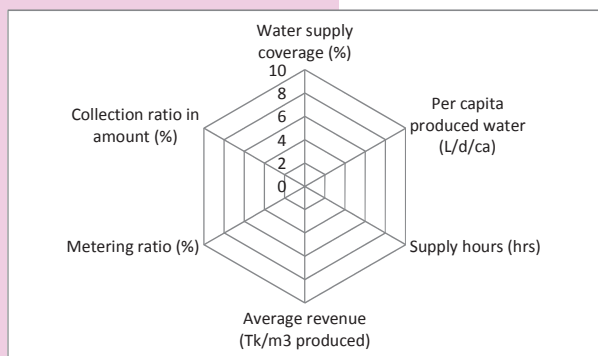
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	600
Rehabilitation		Tariff adopted year	2011
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , , Ensuring water supply for socially vulnerable people,
Treatment plant	No	7. Water Quality Monitoring	
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	High iron
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	5	Major 3 problems	(1) No treatment plant
Population served (people)	116,412		(2) Low coverage
Service connections (Nos.)	3,006		(3) Low production well capacity
Domestic	2,793	Major 3 priority needs	(1) Y/1 (Treatment plant)
Public tap/ stand pipe	25		(2) Distribution network
Public institutions	100		(3) Production well and pump
Commercial & industrial	88		
Others	0		
Total	3,006		
Metered connections (Nos.)	0		
Applications outstanding (Nos.)	0		
New connections in 2010/2011 (Nos.)	150		
Average waiting time (days)	0		
Water pressure at the end of network	, , Low,		
Continuity of service (hrs/day)	8		
Customer with 24 hrs supply (%)	0		
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	-
		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)	14,302,920		
Annual revenue (Tk)	7,228,800		
Annual expenditure (Tk)	6,578,870		
Annual O&M Costs (Tk)	6,578,870		
Annual billings (Tk)	7,455,755		
Annual collections (Tk)	7,142,762		
Water arrears (Tk)	312,993		
Electricity arrears (Tk)	1,000,000		
Payment methods	, Bank		
Self-billing	Yes		
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Based on pipe size		
Domestic 13 mm (1/2") (Tk/month)	160		
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, ,
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 (%)	5
Reasons	Reduce wastage of water, To know actual water volume which consumer will use.	% 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)	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. Exiting 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	4,815	75	30
Deep well	165	25	15
Ponds	80	0	50
Other sources	1	0	5
		Shallow well (m/year)	-
		Deep well (m/year)	-

A. Pourashava Profile

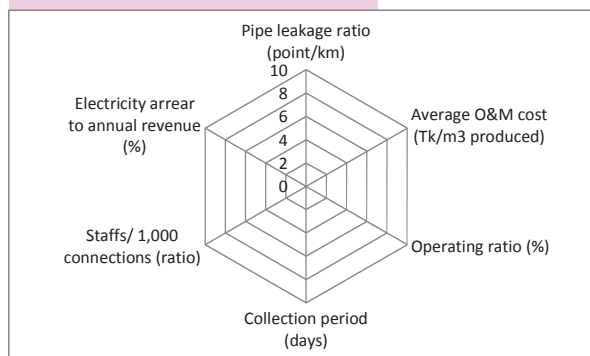
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	20
District	Sirajgonj	Water sealed slab latrine (%)	60
Year established	1989	Water-related diseases	, Diarrhea, Typhoid, Dysentery, Jaundice
Contact Tel/Fax	Tel: 01727-64649	Technical staff (Nos.)	20
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	96,442	Annual budget (Tk)	252,883,283
Nos. of households (FY2010/2011)	11,596	Revenue (Tk)	19,045,323
Literacy (%)	80	Expenditure (Tk)	17,186,000
Land area (km ²)	11	Computerization	, Accounting, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6	Committee formed	
Residential area pop. density (persons/ha)	154	TLCC/Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	14		
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		Chlorination points (Nos.)	
Water section established (year)	Not formed	PTW	0
Piped system introduced (year)	No answer	IRP/AIRP	0
Pourashava responsibility	, ,	Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	0	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Total production, Summer (m ³ /day)	0
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	Not 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):	12,750
PTW (Nos.)	2	Leakages in distribution (Nos.)	-
PTW not in operation (Nos.)	2	(3) O&M Problems	
Ave. depth (m)	96	Production wells	-
Capacity at commission (m ³ /hrs)	0	Pump	-
Ave. current capacity per unit (m ³ /hrs)	0	Treatment plant	-
Ave. production hours, Summer (hrs/day)	0	Pipeline	-
Total production, Summer (m ³ /day)	0	Customer water meter	-
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	-
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	0
Plants not in operation	0	Leakage detection activity	-
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																			
Production tube well	No																		
Treatment plant	No																		
Distribution network	No																		
4. Customer Service (Service indicators)			7. Water Quality Monitoring																
Coverage area (km ²)	No water supply service		Water quality monitoring plan	-															
Population served (people)	No water supply service		Parameters checked	-															
Service connections (Nos.)	0		Frequency of quality test	-															
Domestic	0		Nos. of sampling location /year	-															
Public tap/ stand pipe	0		Water quality problems	-															
Public institutions	0																		
Commercial & industrial	0																		
Others	0																		
Total	0																		
Metered connections (Nos.)	-																		
Applications outstanding (Nos.)	-																		
New connections in 2010/2011 (Nos.)	-																		
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) -																		
	(2) -																		
	(3) -																		
5. Financial Information (FY2010/11)			8. Problems and Priority Needs																
Annual budget (Tk)	0		Major 3 problems	(1) -															
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		Major 3 priority needs	(1) -															
Payment methods	,																		
Self-billing																			
Billing frequency	0																		
6. Water Tariff and Metering (See Tariff Database)			9. Past and On-going Projects and Training																
Tariff Structure	0		(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	-															
			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.)	None, , ,															
Piped water	No		Arsenic contaminated water supply (%)	Do not know															
Water meter	No		Unhygienic drinking water (%)	Do not know															
Reasons	-		% of people using neighbor's well for drinking	15															
			Problems in non-piped water supply area	Lowering of water level in shallow tube well and water with iron., Pond & river 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)	10,000		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Iron</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>No problem</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Iron	Deep well	High	Iron	Surface water sources	High	No problem	Other sources	No	-
Potential water sources	Evaluation	WQ problems																	
Shallow well	None	Iron																	
Deep well	High	Iron																	
Surface water sources	High	No problem																	
Other sources	No	-																	
Affordability for piped water (Tk/month)	200		Decrease of ground water level																
Affordable price in total household income (%)	2		Shallow well (m/year)	0.30															
			Deep well (m/year)	0.10															
2. Exiting Water Sources in Non-Piped Water Supply Area																			
Source	Nos. of source	Drinking (%)	Domestic (%)																
River	1	0	5																
Shallow well	5,472	100	75																
Deep well	0	0	0																
Ponds	25	0	20																
Other sources	0	0	0																

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Shariatpur	Water sealed slab latrine (%)	59
Year established	1985	Water-related diseases	, Diarrhea, , Typhoid, ,
Contact Tel/Fax	0601-61670, Fax-0601-61679	Technical staff (Nos.)	13
E-mail	mayor_sp@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	59,129	Annual budget (Tk)	384,773,892
Nos. of households (FY2010/2011)	12,867	Revenue (Tk)	28,877,883
Literacy (%)	60	Expenditure (Tk)	28,877,883
Land area (km ²)	25	Computerization	Holding tax management, Accounting, , 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)	142	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	Yes, 3 months
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)	107	Operating ratio (%)	91
Supply Hour (Hrs)	9	Collection ratio in amount (%)	83
Non-revenue water (NRW) (%)	20	Collection period (days)	41
Pipe leakage ratio (point/km)	3.8	Staffs/ 1,000 connections (ratio)	8
Average revenue (Tk/m ³ produced)	3.5	Electricity arrear to annual revenue (%)	-
Average O&M cost (Tk/m ³ produced)	3.2		

Overall performance of Positive PIs

Overall performance of Negative PIs

C. Water Supply Profile			
1. General Information of Water Supply Section		Chlorination points (Nos.)	
Water section established (year)	1989	PTW	0
Piped system introduced (year)	1989	IRP/AIRP	0
Pourashava responsibility	O&M, , Part of construction	Surface WTP	0
Computerization/Automation	, Billing, Accounting, , , ,	Bulk flow meters (Nos.)	2
Staff in water section (Nos.)	12	Bulk flow meter readings (Nos.)	2
In which, staff with diploma or higher qualification (Nos.)	2	Total production, Summer (m ³ /day)	2,540
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):	36,310
PTW (Nos.)	7	Leakages in distribution (Nos.)	138
PTW not in operation (Nos.)	1	(3) O&M Problems	
Ave. depth (m)	218	Production wells	Day by day discharge capacity is decreasing.
Capacity at commission (m ³ /hrs)	54	Pump	Impeller several times broken. Motor firing
Ave. current capacity per unit (m ³ /hrs)	42	Treatment plant	-
Ave. production hours, Summer (hrs/day)	10	Pipeline	Leakage problem in the joints of tee, gate valve & cross. Main reason due different pipe materials in pipe sections and joint
Total production, Summer (m ³ /day)	2,540	Customer water meter	-
Treatment plants (Nos.)		House connection	Leakage, pipe breaking.
AIRP	0	O&M manuals (Nos.)	4
IRP	0	O&M assistance form DPHE	Yes
Surface water treatment plants	0	Annual leakages (Nos.)	138
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		

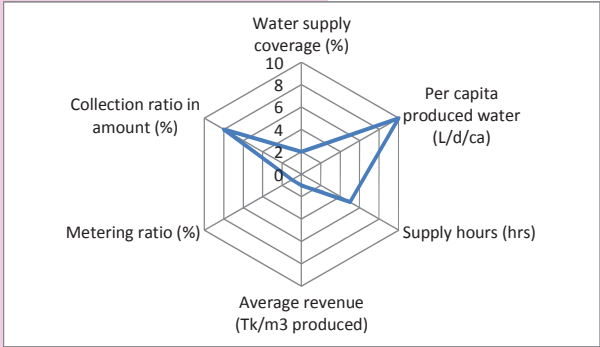
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	775
Rehabilitation		Tariff adopted year	2011
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution network	Yes	Water quality monitoring plan	Yes
Expansion		Parameters checked	Fe, As & chlorides
Production tube well	Yes	Frequency of quality test	6 months
Treatment plant	Yes	Nos. of sampling location /year	12
Distribution network	Yes	Water quality problems	Due to iron
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	11	Major 3 problems	(1) Low Coverage
Population served (people)	23,650		(2) Leakage
Service connections (Nos.)	1,528		(3) Aging facilities
Domestic	1,378	Major 3 priority needs	(1) Production well and pump
Public tap/ stand pipe	19		(2) Installation of house meters to all consumers
Public institutions	61		(3) Distribution network
Commercial & industrial	70		
Others	0		
Total	1,528		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	, , Low,	Funding agency	-
Continuity of service (hrs/day)	9	Executing agency	-
Customer with 24 hrs supply (%)	15	(2) Past 10 years projects	-
Annual complaints (Nos.)	1,500	Name	Bangladesh water supply program project
Major complaints		Period	-
(1) Low water pressure.		Funding agency	Bangladesh water supply program project
(2) Leakage problem		Executing agency	2008-2009
(3) Due to load shedding water cannot be supplied as per customer demand		On-going projects	GOB
		Name	DPHE
		Period	-
		Funding agency	-
		Executing agency	-
		Training	-
		Nos. of training	3
		Nos. of Staff	4
		Name of training (1)	Water supply plan.
		Name of training (2)	Benchmark data rep.
		Name of training (3)	Water billing software
5. Financial Information (FY2010/11)			
Annual budget (Tk)	3,235,416		
Annual revenue (Tk)	3,235,416		
Annual expenditure (Tk)	3,185,416		
Annual O&M Costs (Tk)	2,944,648		
Annual billings (Tk)	2,177,557		
Annual collections (Tk)	1,812,650		
Water arrears (Tk)	364,907		
Electricity arrears (Tk)	Do not know		
Payment methods	, Bank		
Self-billing	Yes		
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)	300		
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 Piped water	Yes	As contaminated wells (Nos.)	15
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	Reduction of wastage, Increase revenue.	Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	75
		Problems in non-piped water supply area	No safe drinking water.,
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)	150	Shallow well	None -
Affordable price in total household income (%)	2	Deep well	High No problem
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	High House wastage inorganic materials
		Other sources	No -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	15
Shallow well	35	0	5
Deep well	1,000	100	75
Ponds	90	0	5
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	1.0
		Deep well (m/year)	1.0

A. Pourashava Profile

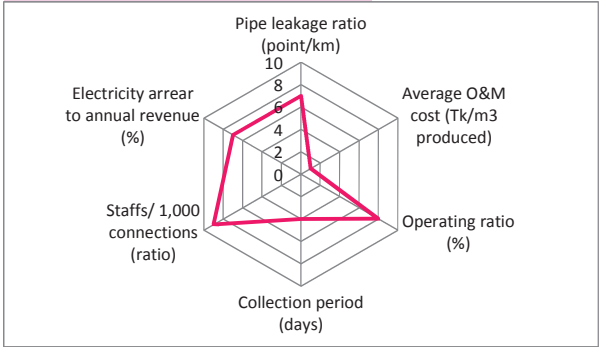
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	5
District	Pabna	Water sealed slab latrine (%)	65
Year established	1997	Water-related diseases	, , , , , Hepatitis
Contact Tel/Fax	Tel: 07327-56163	Technical staff (Nos.)	7
E-mail	santhiamunicipal@gamil.com	Financial statements (2010/2011)	
Population (FY2010/2011)	41,333	Annual budget (Tk)	129,180,110
Nos. of households (FY2010/2011)	13,334	Revenue (Tk)	16,706,130
Literacy (%)	61	Expenditure (Tk)	16,816,000
Land area (km ²)	25	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	13	Committee formed	
Residential area pop. density (persons/ha)	33	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	92	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	12	Metering ratio (%)	0
Per capita produced water (L/d/ca)	272	Operating ratio (%)	137
Supply Hour (Hrs)	6	Collection ratio in amount (%)	90
Non-revenue water (NRW) (%)	-	Collection period (days)	72
Pipe leakage ratio (point/km)	4	Staffs/ 1,000 connections (ratio)	13
Average revenue (Tk/m ³ produced)	0.7	Electricity arrear to annual revenue (%)	25
Average O&M cost (Tk/m ³ produced)	0.9		



Overall performance of Positive PIs



Overall performance of Negative PIs

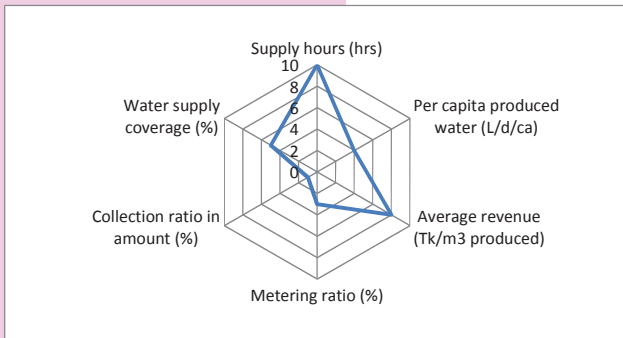
C. Water Supply Profile

1. General Information of Water Supply Section		Chlorination points (Nos.)	
Water section established (year)	2008	PTW	0
Piped system introduced (year)	2008	IRP/AIRP	0
Pourashava responsibility	O&M, ,	Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
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)	1,362
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):	10,110
PTW (Nos.)	2	Leakages in distribution (Nos.)	40
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	151	Production wells	-
Capacity at commission (m ³ /hrs)	130	Pump	-
Ave. current capacity per unit (m ³ /hrs)	114	Treatment plant	-
Ave. production hours, Summer (hrs/day)	6	Pipeline	-
Total production, Summer (m ³ /day)	1,362	Customer water meter	-
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	0
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	40
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		

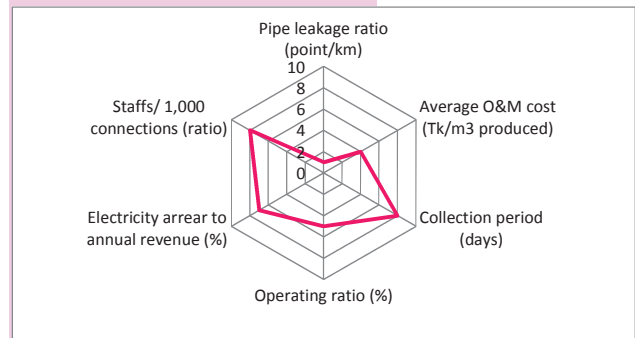
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	500
Rehabilitation		Tariff adopted year	2008
Production tube well	No	Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	No	7. Water Quality Monitoring	
Distribution 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	Iron contaminated
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	4	Major 3 problems	(1) Low coverage
Population served (people)	5,000		(2) Less financial resources
Service connections (Nos.)	300		(3) No treatment technology
Domestic	300	Major 3 priority needs	(1) Expansion and replacement of network
Public tap/ stand pipe	0		(2) Improvement of water quality
Public institutions	0		(3) Production well and pump
Commercial & industrial	0		
Others	0		
Total	300		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	, Fair, ,	Funding agency	-
Continuity of service (hrs/day)	6	Executing agency	-
Customer with 24 hrs supply (%)	0	(2) Past 10 years projects	
Annual complaints (Nos.)	0	Name	-
Major complaints	(1) No complain yet	Period	-
	(2) -	Funding agency	-
	(3) -	Executing agency	-
5. Financial Information (FY2010/11)		On-going projects	
Annual budget (Tk)	0	Name	-
Annual revenue (Tk)	325,000	Period	-
Annual expenditure (Tk)	443,872	Funding agency	-
Annual O&M Costs (Tk)	443,872	Executing agency	-
Annual billings (Tk)	360,000	Training	
Annual collections (Tk)	325,000	Nos. of training	0
Water arrears (Tk)	64,400	Nos. of Staff	0
Electricity arrears (Tk)	81,809	Name of training (1)	-
Payment methods	, Bank	Name of training (2)	-
Self-billing	No	Name of training (3)	-
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)	300		
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 Piped water	Yes	As contaminated wells (Nos.)	No data
Water meter	No	Arsenic contaminated water supply (%)	12
Reasons	-	Unhygienic drinking water (%)	Do not know
		% of people using neighbor's well for drinking	20
		Problems in non-piped water supply area	Arsenic and iron (Shallow TW), Pond 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)	9,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	150	Shallow well	None
Affordable price in total household income (%)	2	Deep well	High
2. Existing Water Sources in Non-Piped Water Supply Area		Surface water sources	-
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	7,000	98	70
Deep well	5	2	0
Ponds	15	0	20
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	0.3
		Deep well (m/year)	-

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30
District	Sherpur	Water sealed slab latrine (%)	40
Year established	1868	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	093161210,093161368	Technical staff (Nos.)	10
E-mail	info@sherpurpourashava.com	Financial statements (2010/2011)	
Population (FY2010/2011)	92,216	Annual budget (Tk)	245,522,115
Nos. of households (FY2010/2011)	14,760	Revenue (Tk)	105,709,815
Literacy (%)	63	Expenditure (Tk)	88,548,403
Land area (km ²)	25	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)	186	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	10		
Winter	12		

B. Key Performance Indicators (Efficiency Indicators)			
Water supply coverage (%)	60	Metering ratio (%)	0
Per capita produced water (L/d/ca)	75	Operating ratio (%)	129
Supply Hour (Hrs)	8	Collection ratio in amount (%)	77
Non-revenue water (NRW) (%)	-	Collection period (days)	97
Pipe leakage ratio (point/km)	0.3	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	1.8	Electricity arrear to annual revenue (%)	62
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)	1993	Chlorination points (Nos.)	
Piped system introduced (year)	1982	PTW	0
Pourashava responsibility	O&M, ,	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	-
Staff in water section (Nos.)	13	Bulk flow meters (Nos.)	3
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	3
2. Water Supply System			
Operation of water supply facilities	In operation	Total production, Summer (m ³ /day)	4,130
(1) Production		(2) Distribution	
Water sources for piped system	Groundwater,	Overhead tank	0
Production tube well		Overhead tanks (Nos.)	1
PTW (Nos.)	5	Total capacity (m ³)	450
PTW not in operation (Nos.)	2	Distribution network (km):	89,377
Ave. depth (m)	178	Leakages in distribution (Nos.)	30
Capacity at commission (m ³ /hrs)	114	(3) O&M Problems	
Ave. current capacity per unit (m ³ /hrs)	97	Production wells	Loose joint in pipe
Ave. production hours, Summer (hrs/day)	15	Pump	Capacity of Turbine pump become down
Total production, Summer (m ³ /day)	4,260	Treatment plant	No Problem
Treatment plants (Nos.)		Pipeline	Sufficient Leakage found in pipe line
AIRP	1	Customer water meter	
IRP	1	House connection	Lockage and old clamp
Surface water treatment plants	0	O&M manuals (Nos.)	0
Plants not in operation	0	O&M assistance form DPHE	Yes
Production of plant	0	Annual leakages (Nos.)	30
Total capacity (m ³ /hrs)	200	Leakage detection activity	Yes
Production hours, Summer (hrs/day)	14		
Total production (m ³ /day)	2,800		

3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	300
Rehabilitation			Tariff adopted year	2005
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	Fe, Mn
Production tube well	Yes		Frequency of quality test	Once in a year
Treatment plant	Yes		Nos. of sampling location /year	3
Distribution network	Yes		Water quality problems	
4. Customer Service (Service indicators)			8. Problems and Priority Needs	
Coverage area (km ²)	17		Major 3 problems	(1) Low coverage of water supply
Population served (people)	55,330			(2) Less financial resources for development facilities
Service connections (Nos.)	1,251			(3) Leakage
Domestic	1,200		Major 3 priority needs	(1) Increase of production capacity
Public tap/ stand pipe	22			(2) Production well and pump
Public institutions	0			(3) Enhancing customer services and public relations
Commercial & industrial	29		9. Past and On-going Projects and Training	
Others	0		(1) Past 10 years projects	
Total	1,251		Name	-
Metered connections (Nos.)	0		Period	-
Applications outstanding (Nos.)	10		Funding agency	-
New connections in 2010/2011 (Nos.)	30		Executing agency	-
Average waiting time (days)	7		(2) Past 10 years projects	
Water pressure at the end of network	, , Low,		Name	-
Continuity of service (hrs/day)	8		Period	-
Customer with 24 hrs supply (%)	0		Funding agency	-
Annual complaints (Nos.)	30		Executing agency	-
Major complaints	(1) Low pressure		On-going projects	
	(2) water not available in time		Name	-
	(3) Leakage		Period	-
5. Financial Information (FY2010/11)				
Annual budget (Tk)	4,648,000		Funding agency	-
Annual revenue (Tk)	2,748,000		Executing agency	-
Annual expenditure (Tk)	4,248,000		Training	0
Annual O&M Costs (Tk)	3,548,000		Nos. of training	5
Annual billings (Tk)	3,103,798		Nos. of Staff	15
Annual collections (Tk)	2,376,479		Name of training (1)	Basic Management
Water arrears (Tk)	727,319		Name of training (2)	Pipe line repair
Electricity arrears (Tk)	1,700,000		Name of training (3)	Water safety plan
Payment methods	, Bank		D. Non-Piped Water Supply Area	
Self-billing	No		1. Necessity of Piped Water Supply	
Billing frequency	Monthly		Necessity of	
6. Water Tariff and Metering (See Tariff Database)			Piped water	
Tariff Structure	Based on pipe size		Water meter	
Domestic 13 mm (1/2") (Tk/month)	150		Reasons	
Non-domestic lowest (Tk/month)	300		To control misuse of water and increase revenue collection	
Lowest volumetric charge (Tk/m ³)	0		Affordability (answered by pourashava staff)	
7. Water Quality Monitoring			Average household income/month (Tk)	
Water quality monitoring plan			14,000	
Parameters checked			Affordability for piped water (Tk/month)	
Frequency of quality test			224	
Nos. of sampling location /year			Affordable price in total household income (%)	
Water quality problems			2	
8. Problems and Priority Needs			2. Exiting Water Sources in Non-Piped Water Supply Area	
Major 3 problems			Source	
(1) Low coverage of water supply			Nos. of source	
(2) Less financial resources for development facilities			Drinking (%)	
(3) Leakage			Domestic (%)	
Major 3 priority needs			River	
(1) Increase of production capacity			0	
(2) Production well and pump			Shallow well	
(3) Enhancing customer services and public relations			10,000	
9. Past and On-going Projects and Training			Deep well	
(1) Past 10 years projects			7	
Name			Ponds	
Period			43	
Funding agency			Other sources	
Executing agency			0	
(2) Past 10 years projects			0	
Name			0	
Period			0	
Funding agency			0	
Executing agency			0	
On-going projects			0	
Name			0	
Period			0	
Funding agency			0	
Executing agency			0	
Training			0	
Nos. of training			0	
Nos. of Staff			0	
Name of training (1)			0	
Name of training (2)			0	
Name of training (3)			0	
D. Non-Piped Water Supply Area				
1. Necessity of Piped Water Supply				
Necessity of				
Piped water				
Water meter				
Reasons				
To control misuse of water and increase revenue collection				
Affordability (answered by pourashava staff)				
Average household income/month (Tk)				
Affordability for piped water (Tk/month)				
Affordable price in total household income (%)				
2. Exiting Water Sources in Non-Piped Water Supply Area				
Source				
Nos. of source				
Drinking (%)				
Domestic (%)				
River				
Shallow well				
Deep well				
Ponds				
Other sources				
Decrease of ground water level				
Shallow well (m/year)				
Deep well (m/year)				
3. Potential Water Sources for Non-Piped Water Supply System				
Potential water sources				
Evaluation				
WQ problems				
Shallow well				
Deep well				
Surface water sources				
Other sources				
No				
0				
Decrease of ground water level				
Shallow well (m/year)				
Deep well (m/year)				

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	70
District	Narshingdi	Water sealed slab latrine (%)	20
Year established	2006	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	06256-75226	Technical staff (Nos.)	3
E-mail	Shibpurpourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	40,000	Annual budget (Tk)	30,876,980
Nos. of households (FY2010/2011)	7,000	Revenue (Tk)	13,671,390
Literacy (%)	90	Expenditure (Tk)	4,926,000
Land area (km ²)	10	Computerization	, , Trade license, 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)	136	TLCC /Frequency of meeting	No
Electricity coverage (%)	100	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
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		Chlorination points (Nos.)	
Water section established (year)	Not formed	PTW	-
Piped system introduced (year)	2006	IRP/AIRP	-
Pourashava responsibility	O&M, ,	Surface WTP	-
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	0	Bulk flow meter readings (Nos.)	-
In which, staff with diploma or higher qualification (Nos.)	0	Total production, Summer (m ³ /day)	0
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	Not 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):	6,740
PTW (Nos.)	3	Leakages in distribution (Nos.)	-
PTW not in operation (Nos.)	3	(3) O&M Problems	
Ave. depth (m)	270	Production wells	-
Capacity at commission (m ³ /hrs)	0	Pump	-
Ave. current capacity per unit (m ³ /hrs)	0	Treatment plant	-
Ave. production hours, Summer (hrs/day)	0	Pipeline	-
Total production, Summer (m ³ /day)	0	Customer water meter	-
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	-
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	-
Plants not in operation	0	Leakage detection activity	-
Production of plant	0		
Total capacity (m ³ /hrs)	0		
Production hours, Summer (hrs/day)	0		
Total production (m ³ /day)	0		

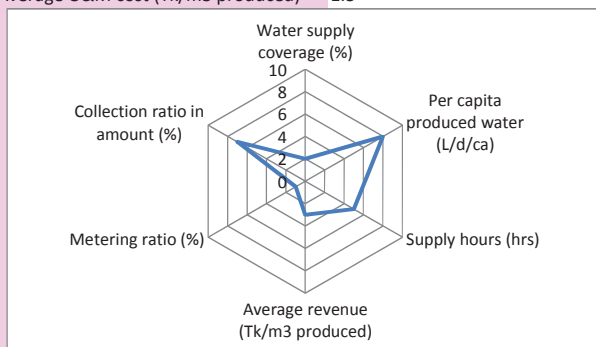
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	No water supply service
Rehabilitation				Tariff adopted year	No water tariff
Production tube well	-			Tariff setting policy	,,,,,
Treatment plant	-			7. Water Quality Monitoring	
Distribution network	-			Water quality monitoring plan	-
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	-
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			Major 3 priority needs	(1) -
Public tap/ stand pipe	0				(2) -
Public institutions	0				(3) -
Commercial & industrial	0				
Others	0				
Total	0				
Metered connections (Nos.)	-				
Applications outstanding (Nos.)	-				
New connections in 2010/2011 (Nos.)	-				
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)				
	(2)				
	(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)	0			Name	-
Annual expenditure (Tk)	0			Period	-
Annual O&M Costs (Tk)	0			Funding agency	-
Annual billings (Tk)	0			Executing agency	-
Annual collections (Tk)	0			(2) Past 10 years projects	
Water arrears (Tk)	0			Name	-
Electricity arrears (Tk)	No water supply service			Period	-
Payment methods	,			Funding agency	-
Self-billing				Executing agency	-
Billing frequency	0			On-going projects	-
6. Water Tariff and Metering (See Tariff Database)				Name	-
Tariff Structure	0			Period	-
				Funding agency	-
Domestic 13 mm (1/2") (Tk/month)	0			Executing agency	-
Non-domestic lowest (Tk/month)	0			Training	0
Lowest volumetric charge (Tk/m ³)	0			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				As contaminated wells (Nos.)	Do not know
Piped water	Yes			Arsenic contaminated water supply (%)	Do not know
Water meter	Yes			Unhygienic drinking water (%)	Do not know
Reasons	To control wastage of water & minimize social conflict.			% of people using neighbor's well for drinking	5
				Problems in non-piped water supply area	Declination of water table , Iron
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	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	250			Shallow well	Moderate Iron
Affordable price in total household income (%)	1			Deep well	Do not know Do not know
2. Exiting Water Sources in Non-Piped Water Supply Area				Surface water sources	None Turbidity
				Other sources	No 0
Source	Nos. of source	Drinking (%)	Domestic (%)	Decrease of ground water level	
River	1	5	15	Shallow well (m/year)	3.0
Shallow well	5,000	95	80	Deep well (m/year)	Do not know
Deep well	0	0	0		
Ponds	30	0	5		
Other sources	0	0	0		

A. Pourashava Profile

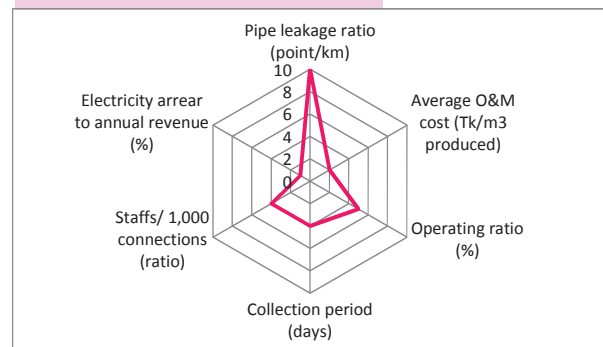
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	15
District	Natore	Water sealed slab latrine (%)	65
Year established	1999	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel/Fax: 0772-663099	Technical staff (Nos.)	8
E-mail	sarazi@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	40,795	Annual budget (Tk)	155,537,865
Nos. of households (FY2010/2011)	5,884	Revenue (Tk)	17,624,777
Literacy (%)	91	Expenditure (Tk)	16,640,000
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)	14	Committee formed	
Residential area pop. density (persons/ha)	30	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100	WATSAN/Frequency of meeting	Yes, No activities
Electricity availability (hrs)			
Summer	12		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	12	Metering ratio (%)	0
Per capita produced water (L/d/ca)	177	Operating ratio (%)	90
Supply Hour (Hrs)	6	Collection ratio in amount (%)	84
Non-revenue water (NRW) (%)	16	Collection period (days)	67
Pipe leakage ratio (point/km)	28	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	1.7	Electricity arrear to annual revenue (%)	0
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)	2006	Chlorination points (Nos.)	
Piped system introduced (year)	2004	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, , , ,	Surface WTP	0
Staff in water section (Nos.)	5	Bulk flow meters (Nos.)	2
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
		Total production, Summer (m ³ /day)	900

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.)	2	Distribution network (km):	1,071
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	30
Ave. depth (m)	53	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	80	Production wells	N
Ave. current capacity per unit (m ³ /hrs)	75	Pump	N
Ave. production hours, Summer (hrs/day)	6	Treatment plant	N
Total production, Summer (m ³ /day)	900	Pipeline	N
Treatment plants (Nos.)		Customer water meter	N
AIRP	0	House connection	Some time disorder
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.)	30
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		

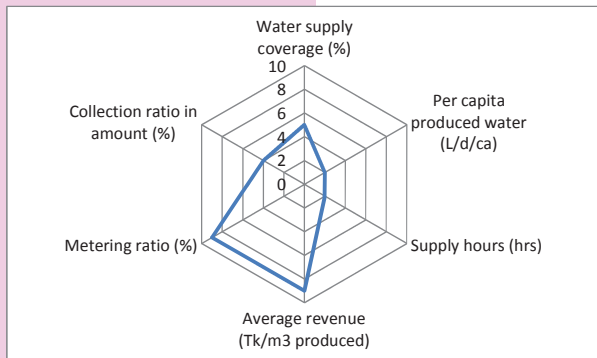
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	500
Rehabilitation				Tariff adopted year	2006
Production tube well	No			Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
Treatment plant	No			7. Water Quality Monitoring	
Distribution network	No			Water quality monitoring plan	No
Expansion				Parameters checked	-
Production tube well	Yes			Frequency of quality test	-
Treatment plant	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)	10			Major 3 problems	
Population served (people)	5,099				(1) Low coverage
Service connections (Nos.)	751				(2) Less financial resources
Domestic	661				(3) No 24 hours supply
Public tap/ stand pipe	70			Major 3 priority needs	
Public institutions	20				(1) Increase of production capacity
Commercial & industrial	0				(2) Distribution network
Others	0				(3) Reduction of NRW
Total	751			9. Past and On-going Projects and Training	
Metered connections (Nos.)	0			(1) Past 10 years projects	
Applications outstanding (Nos.)	0			Name	-
New connections in 2010/2011 (Nos.)	0			Period	-
Average waiting time (days)	0			Funding agency	-
Water pressure at the end of network	Good, , ,			Executing agency	-
Continuity of service (hrs/day)	6			(2) Past 10 years projects	
Customer with 24 hrs supply (%)	0			Name	-
Annual complaints (Nos.)	300			Period	-
Major complaints		(1) Low coverage area		Funding agency	-
		(2) No 24 hours supply		Executing agency	-
		(3) -		On-going projects	
				Name	-
				Period	-
5. Financial Information (FY2010/11)					
Annual budget (Tk)	0			Funding agency	-
Annual revenue (Tk)	559,130			Executing agency	-
Annual expenditure (Tk)	1,019,283			Training	
Annual O&M Costs (Tk)	500,976			Nos. of training	2
Annual billings (Tk)	662,040			Nos. of Staff	2
Annual collections (Tk)	559,130			Name of training (1)	Plan for water safety
Water arrears (Tk)	102,910			Name of training (2)	Water quality software
Electricity arrears (Tk)	0			Name of training (3)	-
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)	100				
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 Piped water	Yes			As contaminated wells (Nos.)	No data
Water meter	Yes			Arsenic contaminated water supply (%)	No data
Reasons	- To save water and reduce waste in household. - By knowing actual consumed water. - Make the actual bills. It will help us to improve the our system.			Unhygienic drinking water (%)	No data
Affordability (answered by pourashava staff)	0			% of people using neighbor's well for drinking	20
Average household income/month (Tk)	12,000			Problems in non-piped water supply area	Declining of ground water table,
Affordability for piped water (Tk/month)	60			3. Potential Water Sources for Non-Piped Water Supply System	
Affordable price in total household income (%)	1				
2. Exiting Water Sources in Non-Piped Water Supply Area					
				Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Source	Nos. of source	Drinking (%)	Domestic (%)	Shallow well	None N
River	2	0	10	Deep well	- -
Shallow well	3,500	100	80	Surface water sources	None No data
Deep well	0	0	0	Other sources	Yes -
Ponds	No data	0	10	Decrease of ground water level	
Other sources	0	0	0	Shallow well (m/year)	3.0
				Deep well (m/year)	-

A. Pourashava Profile

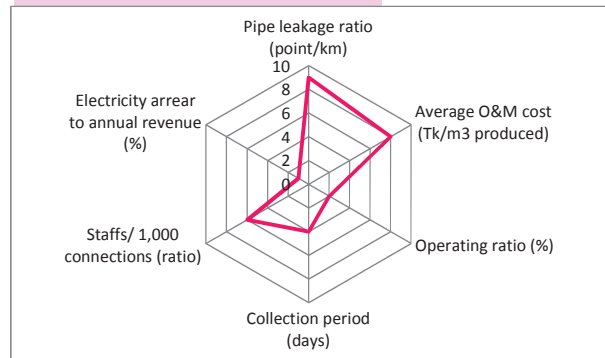
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	45
District	Sirajganj	Water sealed slab latrine (%)	0
Year established	1868	Water-related diseases	, , , , ,
Contact Tel/Fax	0751-62060 & 62098	Technical staff (Nos.)	15
E-mail	siraj.pouro@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	297,630	Annual budget (Tk)	476,446,708
Nos. of households (FY2010/2011)	20,229	Revenue (Tk)	70,762,000
Literacy (%)	68	Expenditure (Tk)	59,860,000
Land area (km ²)	28	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	17	Committee formed	
Residential area pop. density (persons/ha)	175	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	95	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	30	Metering ratio (%)	47
Per capita produced water (L/d/ca)	42	Operating ratio (%)	59
Supply Hour (Hrs)	2.5	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	-	Collection period (days)	59
Pipe leakage ratio (point/km)	8.9	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	9.5	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	5.6		



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)	1983
Piped system introduced (year)	1983
Pourashava responsibility	O&M, ,
Computerization/Automation	, Billing, , , , ,
Staff in water section (Nos.)	18
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.)	18
PTW not in operation (Nos.)	10
Ave. depth (m)	150
Capacity at commission (m ³ /hrs)	96
Ave. current capacity per unit (m ³ /hrs)	65
Ave. production hours, Summer (hrs/day)	7
Total production, Summer (m ³ /day)	3,770
Treatment plants (Nos.)	
AIRP	2
IRP	2
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	500
Production hours, Summer (hrs/day)	15
Total production (m ³ /day)	7,400

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)	3,770
(2) Distribution	
Overhead tank	0
Overhead tanks (Nos.)	2
Total capacity (m ³)	1,360
Distribution network (km):	28,150
Leakages in distribution (Nos.)	250
(3) O&M Problems	
Production wells	
Pump	
Treatment plant	sand filling, technical problem, stone, sedimentation chamber, some repair
Pipeline	
Customer water meter	No problem
House connection	
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	250
Leakage detection activity	Yes

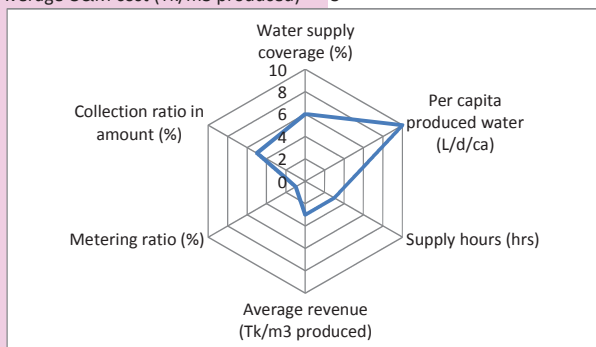
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	300
Rehabilitation				Tariff adopted year	2010
Production tube well	No			Tariff setting policy	, Operation cost recovery (O&M costs), , People's affordability to pay, ,
Treatment plant	Yes			7. Water Quality Monitoring	
Distribution network	Yes			Water quality monitoring plan	Yes
Expansion				Parameters checked	Fe, As, Bacteriological
Production tube well	No			Frequency of quality test	1 Year
Treatment plant	Yes			Nos. of sampling location /year	24
Distribution network	Yes			Water quality problems	Iron, Mn, Bacteria, Arsenic
4. Customer Service (Service indicators)				8. Problems and Priority Needs	
Coverage area (km ²)	14			Major 3 problems	(1) Water quality (Iron problem)
Population served (people)	89,289				(2) 0
Service connections (Nos.)	1,898				(3) Technical and managerial capacity
Domestic	1,801			Major 3 priority needs	(1) Y/1 AIRP+HRP
Public tap/ stand pipe	19				(2) -
Public institutions	8				(3) House connection and water meter
Commercial & industrial	70			9. Past and On-going Projects and Training	
Others	0			(1) Past 10 years projects	
Total	1,898			Name	-
Metered connections (Nos.)	886			Period	-
Applications outstanding (Nos.)	407			Funding agency	-
New connections in 2010/2011 (Nos.)	250			Executing agency	-
Average waiting time (days)	30			(2) Past 10 years projects	-
Water pressure at the end of network	, , Low,			Name	-
Continuity of service (hrs/day)	3			Period	-
Customer with 24 hrs supply (%)	0			Funding agency	-
Annual complaints (Nos.)	280			Executing agency	-
Major complaints	(1) Leakage inside house and road			On-going projects	-
	(2) Water meter			Name	-
	(3) Low supply pressure			Period	STWSSP
5. Financial Information (FY2010/11)					
Annual budget (Tk)	476,446,708			Funding agency	2010-2012
Annual revenue (Tk)	13,060,000			Executing agency	ADB
Annual expenditure (Tk)	12,995,000			Executing agency	DPHE
Annual O&M Costs (Tk)	7,700,000			Training	0
Annual billings (Tk)	13,375,645			Nos. of training	3
Annual collections (Tk)	9,655,107			Nos. of Staff	13
Water arrears (Tk)	2,100,000			Name of training (1)	Pipe line O&M
Electricity arrears (Tk)	0			Name of training (2)	Double entry accounting
Payment methods	, Bank			Name of training (3)	Water meter installation, O&M
Self-billing	No			D. Non-Piped Water Supply Area	
Billing frequency	Monthly			1. Necessity of Piped Water Supply	
6. Water Tariff and Metering (See Tariff Database)				Main treatment method in domestic	
Tariff Structure	Based on pipe size			As contaminated wells (Nos.)	0
Domestic 13 mm (1/2") (Tk/month)	100			Arsenic contaminated water supply (%)	No data
Non-domestic lowest (Tk/month)	150			Unhygienic drinking water (%)	15
Lowest volumetric charge (Tk/m ³)	0			% of people using neighbor's well for drinking	15
7. Non-Piped Water Supply Area				Problems in non-piped water supply area	
1. Necessity of Piped Water Supply				Iron, Arsenic, Water unavailable in dry season	
Necessity of				3. Potential Water Sources for Non-Piped Water Supply System	
Piped water	Yes			Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Water meter	Yes			Shallow well	Moderate Pollution, some Iron problem
Reasons	People are willing to pay			Deep well	Moderate Fe problem
Affordability (answered by pourashava staff)	0			Surface water sources	High No pollution
Average household income/month (Tk)	1,500-3,000			Other sources	No 0
Affordability for piped water (Tk/month)	Do not know			Decrease of ground water level	
Affordable price in total household income (%)	Do not know			Shallow well (m/year)	
2. Existing Water Sources in Non-Piped Water Supply Area				Deep well (m/year)	
Source	Nos. of source	Drinking (%)	Domestic (%)		
River	5	3	10		
Shallow well	50	65	60		
Deep well	20	30	25		
Ponds	25	2	5		
Other sources	0	0	0		

A. Pourashava Profile

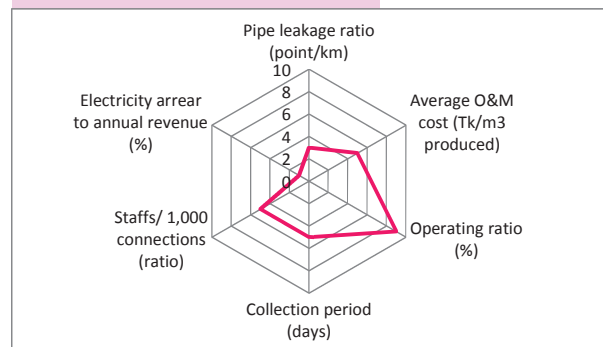
Class	A	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	69.88
District	Moulavibazar	Water sealed slab latrine (%)	16.87
Year established	1935	Water-related diseases	, , , , ,
Contact Tel/Fax	08626-71601; 08626-71250	Technical staff (Nos.)	8
E-mail	sreemongalmunicipality@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	23,393	Annual budget (Tk)	43,677,111
Nos. of households (FY2010/2011)	2,075	Revenue (Tk)	43,077,111
Literacy (%)	65	Expenditure (Tk)	35,937,189
Land area (km ²)	3	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	1	Committee formed	
Residential area pop. density (persons/ha)	158	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	45	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	35	Metering ratio (%)	0
Per capita produced water (L/d/ca)	267	Operating ratio (%)	166
Supply Hour (Hrs)	4	Collection ratio in amount (%)	76
Non-revenue water (NRW) (%)	2.657004831	Collection period (days)	96
Pipe leakage ratio (point/km)	1.1	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	1.8	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	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)	1997	Chlorination points (Nos.)	
Piped system introduced (year)	1997	PTW	0
Pourashava responsibility	O&M, Construction of water supply facilities, Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , Pumping, ,	Surface WTP	0
Staff in water section (Nos.)	6	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)	2,182

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):	15,842
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	18
Ave. depth (m)	247	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	104	Production wells	Discharged iron with water results the decrease the production capacity of the well, circuit breaker damaged, burn motor Pump coil burn.
Ave. current capacity per unit (m ³ /hrs)	99	Pump	
Ave. production hours, Summer (hrs/day)	7	Treatment plant	-
Total production, Summer (m ³ /day)	2,182	Pipeline	Pipe line bursts due to water hammer which creates in the constrictions by iron blockage.
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage due to iron consumption in the connection points at tee, cross, union, gate valve etc. in the house connection
IRP	0	O&M manuals (Nos.)	2
Surface water treatment plants	0	O&M assistance form DPHE	No
Plants not in operation	0	Annual leakages (Nos.)	18
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		

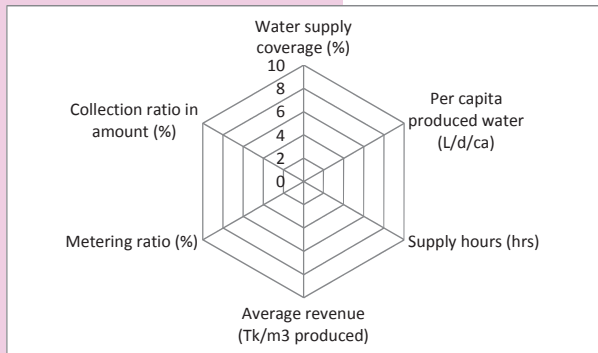
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,000
Rehabilitation		Tariff adopted year	2011
Production tube well	Yes	Tariff setting policy	,,,,,
Treatment plant	No		
Distribution network	Yes		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	Yes
Treatment plant	No	Parameters checked	Fe, As & Chlorides
Distribution network	Yes	Frequency of quality test	once in a year
		Nos. of sampling location /year	6
		Water quality problems	-
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	1	Major 3 problems	(1) Low coverage in the pipeline.
Population served (people)	8,188		(2) Less financial resources
Service connections (Nos.)	828		(3) Leakage in water line.
Domestic	750		
Public tap/ stand pipe	22		
Public institutions	20		
Commercial & industrial	36		
Others	0		
Total	828	Major 3 priority needs	(1) Installation of house meters to all consumers
Metered connections (Nos.)	0		(2) Increase of tariff rates to cover O&M costs
Applications outstanding (Nos.)	0		(3) 24-hour supply
New connections in 2010/2011 (Nos.)	0		
Average waiting time (days)	0		
Water pressure at the end of network	, , Low,		
Continuity of service (hrs/day)	4		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	50		
Major complaints	(1) The quantity of water is less.	9. Past and On-going Projects and Training	
	(2) Do not get water in time.	(1) Past 10 years projects	
	(3) Iron	Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	Supply & installation of production tube well at Shaghordighir Par.
		Period	-
		Funding agency	Supply & installation of production tube well at Shaghordighir Par.
		Executing agency	2007 - 2008
		On-going projects	Pourashava's own fund
		Name	Pourashava
		Period	-
		Funding agency	Second Urban Governance & Infrastructure Improvement Project (UGIP-II)
		Executing agency	2009 - 2014
		Training	ADB, GOB, KFW & GIZ
		Nos. of training	LGED & ULB
		Nos. of Staff	-
		Name of training (1)	Operation of the municipal water billing software.
		Name of training (2)	Operation of the municipal water billing system refreshing training.
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	0		
Annual revenue (Tk)	1,428,476		
Annual expenditure (Tk)	2,377,944		
Annual O&M Costs (Tk)	2,377,944		
Annual billings (Tk)	1,589,333		
Annual collections (Tk)	1,214,865		
Water arrears (Tk)	374,465		
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)	120		
Non-domestic lowest (Tk/month)	170		
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, ,
Necessity of Piped water	Yes	As contaminated wells (Nos.)	0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	To save water and reduce waste in household, and reduce non-revenue water (NRW), meter is required.	Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	5
		Problems in non-piped water supply area	High concentration of iron., Sometimes spread bad smells in water.
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	20,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	300	Shallow well	None Iron
Affordable price in total household income (%)	2	Deep well	Moderate Less percentage of iron
2. Existing Water Sources in Non-Piped Water Supply Area		Surface water sources	Moderate water contains less turbid but good quality.
		Other sources	No -
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	5	35
Shallow well	0	0	0
Deep well	12	60	25
Ponds	5	20	20
Other sources	5	15	20
		Decrease of ground water level	
		Shallow well (m/year)	-
		Deep well (m/year)	0.6

A. Pourashava Profile

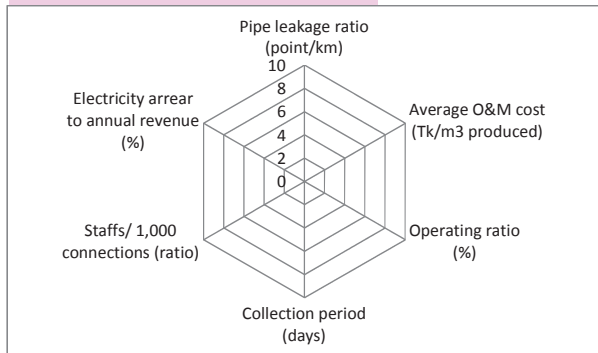
Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	3.5
District	Pabna	Water sealed slab latrine (%)	84
Year established	1998	Water-related diseases	, Diarrhea, Typhoid, Dysentery, Jaundice
Contact Tel/Fax	Tel: 07329-56222 (in/c Fax)	Technical staff (Nos.)	14
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	35,365	Annual budget (Tk)	164,006,290
Nos. of households (FY2010/2011)	5,076	Revenue (Tk)	14,006,295
Literacy (%)	67	Expenditure (Tk)	11,364,184
Land area (km ²)	11	Computerization	, , , 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)	69	TLCC/Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
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		Chlorination points (Nos.)	
Water section established (year)	Not formed	PTW	0
Piped system introduced (year)	No answer	IRP/AIRP	0
Pourashava responsibility	, ,	Surface WTP	0
Computerization/Automation	None, , , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	3	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	0	Total production, Summer (m ³ /day)	0
2. Water Supply System		(2) Distribution	
Operation of water supply facilities	Not 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):	21,000
PTW (Nos.)	5	Leakages in distribution (Nos.)	-
PTW not in operation (Nos.)	5	(3) O&M Problems	
Ave. depth (m)	75	Production wells	-
Capacity at commission (m ³ /hrs)	0	Pump	-
Ave. current capacity per unit (m ³ /hrs)	0	Treatment plant	-
Ave. production hours, Summer (hrs/day)	0	Pipeline	-
Total production, Summer (m ³ /day)	0	Customer water meter	-
Treatment plants (Nos.)		House connection	-
AIRP	0	O&M manuals (Nos.)	-
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	0	Annual leakages (Nos.)	-
Plants not in operation	0	Leakage detection activity	-
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			7. Water Quality Monitoring																									
Distribution network	No			Water quality monitoring plan	-																								
Expansion				Parameters checked	-																								
Production tube well	No			Frequency of quality test	-																								
Treatment plant	No			Nos. of sampling location /year	-																								
Distribution network	No			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																												
Service connections (Nos.)	0				(2) -																								
Domestic	0				(3) -																								
Public tap/ stand pipe	0			Major 3 priority needs	(1) -																								
Public institutions	0																												
Commercial & industrial	0																												
Others	0																												
Total	0																												
Metered connections (Nos.)	-																												
Applications outstanding (Nos.)	-																												
New connections in 2010/2011 (Nos.)	-																												
Average waiting time (days)	-																												
Water pressure at the end of network	,,,				(2) -																								
Continuity of service (hrs/day)	No water supply service				(3) -																								
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	-																								
5. Financial Information (FY2010/11)				Period	-																								
Annual budget (Tk)	0			Funding agency	-																								
Annual revenue (Tk)	0			Executing agency	-																								
Annual expenditure (Tk)	0			(2) Past 10 years projects																									
Annual O&M Costs (Tk)	0			Name	-																								
Annual billings (Tk)	0			Period	-																								
Annual collections (Tk)	0			Funding agency	-																								
Water arrears (Tk)	0			Executing agency	-																								
Electricity arrears (Tk)	No water supply service			On-going projects	-																								
Payment methods	,			Name	-																								
Self-billing				Period	-																								
Billing frequency	0			Funding agency	-																								
6. Water Tariff and Metering (See Tariff Database)				Executing agency	-																								
Tariff Structure	0			Training	-																								
Domestic 13 mm (1/2") (Tk/month)	0			Nos. of training	-																								
Non-domestic lowest (Tk/month)	0			Nos. of Staff	-																								
Lowest volumetric charge (Tk/m ³)	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.)	Do not know																								
Piped water	No			Arsenic contaminated water supply (%)	Do not know																								
Water meter	No			Unhygienic drinking water (%)	Do not know																								
Reasons	-			% of people using neighbor's well for drinking	20																								
				Problems in non-piped water supply area	Some tube well are contaminated by iron, Ponds are contaminated by human waste																								
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System																									
Average household income/month (Tk)	7,500			<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Iron</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>During dry period there is no water</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Iron	Deep well	Moderate	Iron	Surface water sources	None	During dry period there is no water	Other sources	No	-									
Potential water sources	Evaluation	WQ problems																											
Shallow well	None	Iron																											
Deep well	Moderate	Iron																											
Surface water sources	None	During dry period there is no water																											
Other sources	No	-																											
Affordability for piped water (Tk/month)	150			Decrease of ground water level																									
Affordable price in total household income (%)	2			Shallow well (m/year)	0.50																								
2. Exiting Water Sources in Non-Piped Water Supply Area				Deep well (m/year)	-																								
<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Shallow well</td> <td>4,400</td> <td>100</td> <td>70</td> </tr> <tr> <td>Deep well</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Ponds</td> <td>50</td> <td>0</td> <td>30</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Source	Nos. of source	Drinking (%)	Domestic (%)	River	0	0	0	Shallow well	4,400	100	70	Deep well	0	0	0	Ponds	50	0	30	Other sources	0	0	0		
Source	Nos. of source	Drinking (%)	Domestic (%)																										
River	0	0	0																										
Shallow well	4,400	100	70																										
Deep well	0	0	0																										
Ponds	50	0	30																										
Other sources	0	0	0																										

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	81
District	Sunamganj	Water sealed slab latrine (%)	3
Year established	1919	Water-related diseases	, , , , ,
Contact Tel/Fax	0871-55040, 0871-61548; 0871-61738	Technical staff (Nos.)	8
E-mail	sunampoura@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	87,570	Annual budget (Tk)	249,610,300
Nos. of households (FY2010/2011)	7,981	Revenue (Tk)	49,330,000
Literacy (%)	61	Expenditure (Tk)	243,400,000
Land area (km ²)	22	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)	84	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	98	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	20		
Winter	23		

B. Key Performance Indicators (Efficiency Indicators)			
Water supply coverage (%)	29	Metering ratio (%)	0
Per capita produced water (L/d/ca)	120	Operating ratio (%)	98
Supply Hour (Hrs)	2.5	Collection ratio in amount (%)	105
Non-revenue water (NRW) (%)	-	Collection period (days)	146
Pipe leakage ratio (point/km)	41.8	Staffs/ 1,000 connections (ratio)	11
Average revenue (Tk/m ³ produced)	2.7	Electricity arrear to annual revenue (%)	0
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)	1992	Chlorination points (Nos.)	
Piped system introduced (year)	1987	PTW	-
Pourashava responsibility	O&M, Construction of water supply facilities,	IRP/AIRP	-
Computerization/Automation	, Billing, Accounting, Asset management, , ,	Surface WTP	1
Staff in water section (Nos.)	16	Bulk flow meters (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	0
2. Water Supply System			
Operation of water supply facilities	In operation	Total production, Summer (m ³ /day)	3,000
(1) Production		(2) Distribution	
Water sources for piped system	, River	Overhead tank	0
Production tube well		Overhead tanks (Nos.)	2
PTW (Nos.)	0	Total capacity (m ³)	600
PTW not in operation (Nos.)	0	Distribution network (km):	3,947
Ave. depth (m)	0	Leakages in distribution (Nos.)	165
Capacity at commission (m ³ /hrs)	0	(3) O&M Problems	
Ave. current capacity per unit (m ³ /hrs)	0	Production wells	
Ave. production hours, Summer (hrs/day)	0	Pump	Two Submersible pump has the same capacity, 50 HP. Leakage in the pumps.
Total production, Summer (m ³ /day)	0	Treatment plant	Due to interruption of power, centrifugal pump create problem. Sedimentation Basin filled up by fine sand.
Treatment plants (Nos.)		Pipeline	Leakage problem in the pipe networks.
AIRP	0	Customer water meter	
IRP	0	House connection	Pressure in the network is very low.
Surface water treatment plants	1	O&M manuals (Nos.)	2
Plants not in operation	0	O&M assistance form DPHE	No
Production of plant	0	Annual leakages (Nos.)	165
Total capacity (m ³ /hrs)	250	Leakage detection activity	Yes
Production hours, Summer (hrs/day)	12		
Total production (m ³ /day)	3,000		

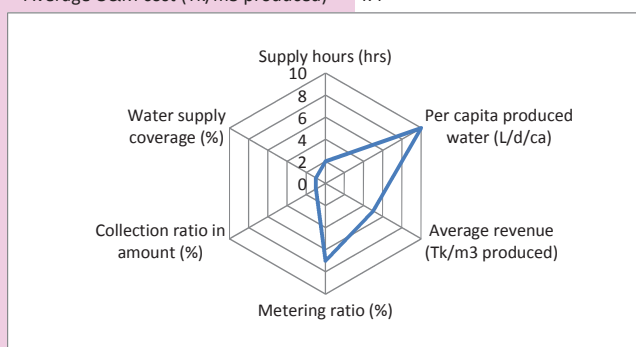
3. Needs of Rehabilitation and Expansion				House connection fee (1/2") (Tk)	700
Rehabilitation				Tariff adopted year	2007
Production tube well	No			Tariff setting policy	Full cost recovery, , Demand management, , ,
Treatment plant	Yes			7. Water Quality Monitoring	
Distribution network	No			Water quality monitoring plan	Yes
Expansion				Parameters checked	Fe, As, Bacteria contamination, p
Production tube well	No			Frequency of quality test	once in a year
Treatment plant	Yes			Nos. of sampling location /year	24
Distribution network	Yes			Water quality problems	Because of leakage water gets contaminated by different types of waste.
4. Customer Service (Service indicators)				8. Problems and Priority Needs	
Coverage area (km ²)	6			Major 3 problems	(1) Low coverage
Population served (people)	25,000				(2) Less treatment technology
Service connections (Nos.)	1,496				(3) Leakage & water quality problem
Domestic	1,421			Major 3 priority needs	(1) Treatment plant
Public tap/ stand pipe	5				(2) Distribution network
Public institutions	0				(3) Capacity building for staff and management
Commercial & industrial	55			9. Past and On-going Projects and Training	
Others	15 (in mosque)			(1) Past 10 years projects	
Total	1,481			Name	-
Metered connections (Nos.)	0			Period	-
Applications outstanding (Nos.)	5			Funding agency	-
New connections in 2010/2011 (Nos.)	165			Executing agency	-
Average waiting time (days)	3			(2) Past 10 years projects	-
Water pressure at the end of network	, , Low,			Name	-
Continuity of service (hrs/day)	3			Period	-
Customer with 24 hrs supply (%)	0			Funding agency	-
Annual complaints (Nos.)	1,825			Executing agency	-
Major complaints	(1) Water volume is less.			On-going projects	-
	(2) Distribution line is leakage.			Name	-
	(3) Water is not available in time due to load shading & submersible pump			Period	-
5. Financial Information (FY2010/11)					
Annual budget (Tk)	60,070,300			Funding agency	-
Annual revenue (Tk)	2,954,082			Executing agency	-
Annual expenditure (Tk)	2,895,000			Training	0
Annual O&M Costs (Tk)	2,895,000			Nos. of training	1
Annual billings (Tk)	2,818,400			Nos. of Staff	1
Annual collections (Tk)	2,954,085			Name of training (1)	Water billing system
Water arrears (Tk)	1,184,480			Name of training (2)	-
Electricity arrears (Tk)	0			Name of training (3)	-
Payment methods	, Bank			D. Non-Piped Water Supply Area	
Self-billing	No			1. Necessity of Piped Water Supply	
Billing frequency	Monthly			Necessity of	
6. Water Tariff and Metering (See Tariff Database)				Main treatment method in domestic	
Tariff Structure	Based on pipe size			As contaminated wells (Nos.)	
Domestic 13 mm (1/2") (Tk/month)	140			Arsenic contaminated water supply (%)	
Non-domestic lowest (Tk/month)	250			Unhygienic drinking water (%)	
Lowest volumetric charge (Tk/m ³)	0			% of people using neighbor's well for drinking	
7. Non-Piped Water Supply Area				Problems in non-piped water supply area	
1. Necessity of Piped Water Supply				The quality of STW is not sufficient., People do not get pure drinking in the flood affected area due to the platform of STW immersed by the flood water.	
Necessity of				3. Potential Water Sources for Non-Piped Water Supply System	
Piped water	Yes			Potential water sources	
Water meter	Yes			Shallow well	Moderate
Reasons	To reduce water wastage & proper use of water in the uniform way.			Deep well	Don't know
Affordability (answered by pourashava staff)	0			Surface water sources	High
Average household income/month (Tk)	7,000			Other sources	No
Affordability for piped water (Tk/month)	200			Decrease of ground water level	
Affordable price in total household income (%)	3			Shallow well (m/year)	0.3
2. Existing Water Sources in Non-Piped Water Supply Area				Deep well (m/year)	
Source		Nos. of source	Drinking (%)	Don't know	
River		1	0		
Shallow well		500	100		
Deep well		0	0		
Ponds		40	0		
Other sources		0	0		

A. Pourashava Profile

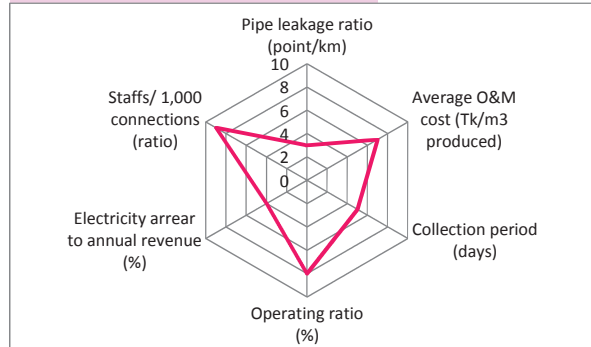
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	25
District	Tangail	Water sealed slab latrine (%)	40
Year established	1987	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0921-63320,01731-383848	Technical staff (Nos.)	14
E-mail	tangailpourashava@yahoo.com	Financial statements (2010/2011)	
Population (FY2010/2011)	345,855	Annual budget (Tk)	696,416,735
Nos. of households (FY2010/2011)	25,468	Revenue (Tk)	248,565,000
Literacy (%)	54	Expenditure (Tk)	246,090,000
Land area (km ²)	29	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	12	Committee formed	
Residential area pop. density (persons/ha)	294	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	16		
Winter	20		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	10	Metering ratio (%)	0
Per capita produced water (L/d/ca)	278	Operating ratio (%)	92
Supply Hour (Hrs)	6	Collection ratio in amount (%)	46
Non-revenue water (NRW) (%)	-	Collection period (days)	232
Pipe leakage ratio (point/km)	1.2	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	4.8	Electricity arrear to annual revenue (%)	78
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)	1969	Chlorination points (Nos.)	
Piped system introduced (year)	1969	PTW	9
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	3
Computerization/Automation	, , Accounting, , , ,	Surface WTP	-
Staff in water section (Nos.)	42	Bulk flow meters (Nos.)	9
In which, staff with diploma or higher qualification (Nos.)	1	Bulk flow meter readings (Nos.)	9
		Total production, Summer (m ³ /day)	9,600
		(2) Distribution	
		Overhead tank	0
		Overhead tanks (Nos.)	3
		Total capacity (m ³)	2,040
		Distribution network (km):	101,866
		Leakages in distribution (Nos.)	120
		(3) O&M Problems	
		Production wells	Production capacity become down
		Pump	
		Treatment plant	
		Pipeline	Leakage
		Customer water meter	
		House connection	
		O&M manuals (Nos.)	0
		O&M assistance form DPHE	No
		Annual leakages (Nos.)	120
		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.)	10
PTW not in operation (Nos.)	1
Ave. depth (m)	109
Capacity at commission (m ³ /hrs)	100
Ave. current capacity per unit (m ³ /hrs)	82
Ave. production hours, Summer (hrs/day)	13
Total production, Summer (m ³ /day)	9,732
Treatment plants (Nos.)	
AIRP	0
IRP	3
Surface water treatment plants	0
Plants not in operation	0
Production of plant	0
Total capacity (m ³ /hrs)	800
Production hours, Summer (hrs/day)	12
Total production (m ³ /day)	9,600

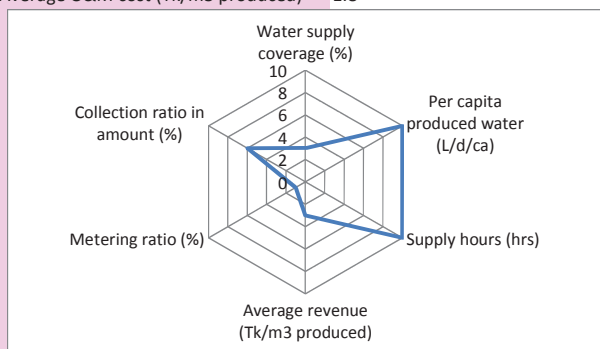
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,600
Rehabilitation		Tariff adopted year	2007
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), People's affordability to pay, Ensuring water supply for socially vulnerable people.
Treatment 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	Manganese.
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	7	Major 3 problems	(1) Low treatment technology
Population served (people)	34,585		(2) Low coverage
Service connections (Nos.)	6,056		(3) Less financial resources
Domestic	5,935	Major 3 priority needs	(1) 24-hour supply
Public tap/ stand pipe	18		(2) Increase of production capacity
Public institutions	2		(3) Installation of house meters to all consumers
Commercial & industrial	101	9. Past and On-going Projects and Training	
Others	0	(1) Past 10 years projects	
Total	6,056	Name	-
Metered connections (Nos.)	2	Period	-
Applications outstanding (Nos.)	2,000	Funding agency	-
New connections in 2010/2011 (Nos.)	120	Executing agency	-
Average waiting time (days)	7	(2) Past 10 years projects	
Water pressure at the end of network	, , , Almost Nil	Name	-
Continuity of service (hrs/day)	6	Period	-
Customer with 24 hrs supply (%)	0	Funding agency	-
Annual complaints (Nos.)	150	Executing agency	-
Major complaints	(1) To get small amount of water	On-going projects	
	(2) waste water	Name	-
	(3) Leakage	Period	-
5. Financial Information (FY2010/11)		Funding agency	-
Annual budget (Tk)	16,805,000	Executing agency	-
Annual revenue (Tk)	16,805,000	(2) Past 10 years projects	
Annual expenditure (Tk)	15,450,000	Name	-
Annual O&M Costs (Tk)	15,450,000	Period	-
Annual billings (Tk)	19,757,744	Funding agency	-
Annual collections (Tk)	9,076,705	Executing agency	-
Water arrears (Tk)	10,681,039	On-going projects	
Electricity arrears (Tk)	13,174,742	Name	-
Payment methods	, Bank	Period	-
Self-billing	Yes	Funding agency	-
Billing frequency	Monthly	Executing agency	-
6. Water Tariff and Metering (See Tariff Database)		Training	0
Tariff Structure	Based on pipe size	Nos. of training	0
Domestic 13 mm (1/2") (Tk/month)	100	Nos. of Staff	0
Non-domestic lowest (Tk/month)	200	Name of training (1)	-
Lowest volumetric charge (Tk/m ³)	0	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.)	1,500
Water meter	Yes	Arsenic contaminated water supply (%)	10
Reasons	Save water and know the non revenue of water.	Unhygienic drinking water (%)	5
		% of people using neighbor's well for drinking	10
		Problems in non-piped water supply area	Arsenic, Iron, Manganese, Water table declining
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	None Iron, Mn, Arsenic
Affordable price in total household income (%)	2	Deep well	High None
2. Exiting Water Sources in Non-Piped Water Supply Area		Surface water sources	None Turbidity
Source	Nos. of source	Other sources	No 0
River	0	Decrease of ground water level	
Shallow well	19,350	Shallow well (m/year)	0.0
Deep well	50	Deep well (m/year)	0.0
Ponds	120		
Other sources	1		

A. Pourashava Profile

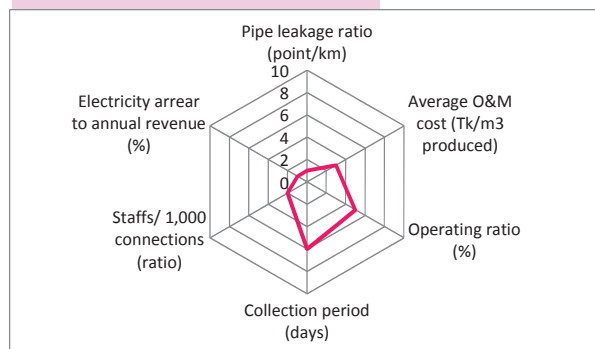
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	73
District	Thakurgaon	Water sealed slab latrine (%)	15
Year established	1958	Water-related diseases	, , , ,
Contact Tel/Fax	Tel: 0561-52502, Mob: 01717-290610	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	120,000	Annual budget (Tk)	113,706,665
Nos. of households (FY2010/2011)	18,545	Revenue (Tk)	28,960,250
Literacy (%)	80	Expenditure (Tk)	25,881,238
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)	15	Committee formed	
Residential area pop. density (persons/ha)	80	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	15	Metering ratio (%)	0
Per capita produced water (L/d/ca)	294	Operating ratio (%)	95
Supply Hour (Hrs)	16	Collection ratio in amount (%)	82
Non-revenue water (NRW) (%)	10	Collection period (days)	127
Pipe leakage ratio (point/km)	0.3	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	1.9	Electricity arrear to annual revenue (%)	0
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)	1995	Chlorination points (Nos.)	
Piped system introduced (year)	1993	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	Surface WTP	0
Staff in water section (Nos.)	17	Bulk flow meters (Nos.)	4
In which, staff with diploma or higher qualification (Nos.)	2	Bulk flow meter readings (Nos.)	4
		Total production, Summer (m ³ /day)	5,300

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):	72,000
PTW not in operation (Nos.)	2	Leakages in distribution (Nos.)	20
Ave. depth (m)	116	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	145	Production wells	Production well has been very old and flow meter not functioning
Ave. current capacity per unit (m ³ /hrs)	131	Pump	2 nos. motor burnt
Ave. production hours, Summer (hrs/day)	12	Treatment plant	-
Total production, Summer (m ³ /day)	5,300	Pipeline	Leakage 14 km pipe in Ashrompara, Hazipara & Main road.
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Consumer wastage huge quantity of water
IRP	0	O&M manuals (Nos.)	1
Surface water treatment plants	0	O&M assistance form DPHE	Yes
Plants not in operation	0	Annual leakages (Nos.)	20
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		

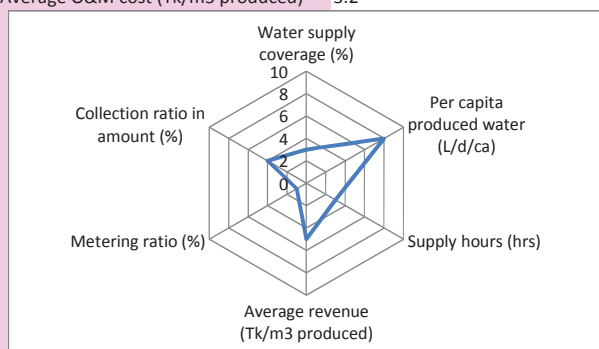
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	500
Rehabilitation		Tariff adopted year	2011
Production tube well	Yes	Tariff setting policy	Full cost recovery, , , People's affordability to pay, ,
Treatment plant	No		
Distribution network	Yes		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	No
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)	8	Major 3 problems	
Population served (people)	18,000		(1) Leakage
Service connections (Nos.)	3,234		(2) Low coverage
Domestic	3,104		(3) Insufficient technical & management capacity
Public tap/ stand pipe	0		
Public institutions	31	Major 3 priority needs	
Commercial & industrial	99		(1) Expansion and replacement of network
Others	0		(2) Increase of production capacity
Total	3,234		(3) Increase of tariff rates to cover O&M costs
Metered connections (Nos.)	0		
Applications outstanding (Nos.)	0		
New connections in 2010/2011 (Nos.)	0		
Average waiting time (days)	0		
Water pressure at the end of network	, Fair, ,		
Continuity of service (hrs/day)	16		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	150		
Major complaints		9. Past and On-going Projects and Training	
	(1) Leakage of pipe line	(1) Past 10 years projects	
	(2) Line blocked by waste	Name	-
	(3) Insufficient water due to fluctuation of electricity	Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	-
		Name	-
		Period	-
		Funding agency	-
		Executing agency	-
		On-going projects	-
		Name	-
			UGIIP-2 Urban Governance Infrastructure Improvement Project
		Period	2009-2014
		Funding agency	ADB-GOB
		Executing agency	LGED-Pourashava
		Training	-
		Nos. of training	1
		Nos. of Staff	2
		Name of training (1)	Computer billing
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	3,586,000		
Annual revenue (Tk)	3,735,526		
Annual expenditure (Tk)	3,537,000		
Annual O&M Costs (Tk)	3,537,000		
Annual billings (Tk)	4,205,683		
Annual collections (Tk)	3,452,624		
Water arrears (Tk)	1,300,000		
Electricity arrears (Tk)	0		
Payment methods	, Bank		
Self-billing	Yes		
Billing frequency	Monthly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Based on pipe size		
Domestic 13 mm (1/2") (Tk/month)	120		
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		Main treatment method in domestic	None, , ,
Necessity of Piped water	Yes	As contaminated wells (Nos.)	No data
Water meter	No	Arsenic contaminated water supply (%)	No data
Reasons	This will require additional O&M cost	Unhygienic drinking water (%)	10
		% of people using neighbor's well for drinking	No data
		Problems in non-piped water supply area	In dry season, water level decline 2/3 meter,
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)	200	Shallow well	High
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	WQ problems
Source	Nos. of source	Shallow well (m/year)	No problem
River	0	Deep well (m/year)	No problem
Shallow well	15,777		
Deep well	4		
Ponds	0		
Other sources	0		

A. Pourashava Profile

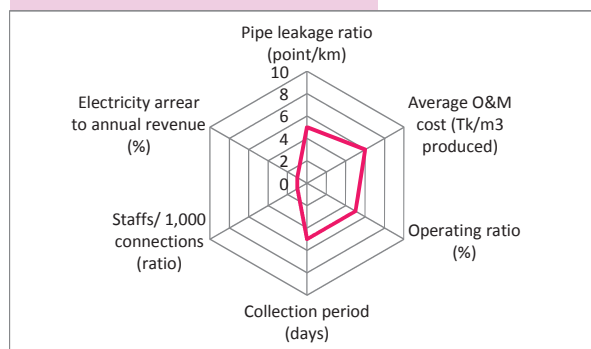
Class	Special	Sanitation coverage	0
Division	Dhaka	Latrine with septic tank (%)	42
District	Gazipur	Water sealed slab latrine (%)	30
Year established	1974	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	8802-9802390, Fax: 8802-9813854	Technical staff (Nos.)	45
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	1,007,047	Annual budget (Tk)	124,924,000
Nos. of households (FY2010/2011)	23,145	Revenue (Tk)	123,825,000
Literacy (%)	98	Expenditure (Tk)	115,138,000
Land area (km ²)	109	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget
Residential area (km ²)	33	Committee formed	
Residential area pop. density (persons/ha)	306	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	90	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	22		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	20	Metering ratio (%)	0
Per capita produced water (L/d/ca)	166	Operating ratio (%)	95
Supply Hour (Hrs)	4	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	7	Collection period (days)	111
Pipe leakage ratio (point/km)	1.8	Staffs/ 1,000 connections (ratio)	5
Average revenue (Tk/m ³ produced)	3.4	Electricity arrear to annual revenue (%)	0
Average O&M cost (Tk/m ³ produced)	3.2		



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)	2005
Piped system introduced (year)	1998
Pourashava responsibility	O&M, Construction of water supply facilities,
Computerization/Automation	, , , , , Bill collect through different bank
Staff in water section (Nos.)	49
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.)	33
PTW not in operation (Nos.)	0
Ave. depth (m)	141
Capacity at commission (m ³ /hrs)	76
Ave. current capacity per unit (m ³ /hrs)	74
Ave. production hours, Summer (hrs/day)	14
Total production, Summer (m ³ /day)	33,995
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)	33,995

(2) Distribution

Overhead tank	0
Overhead tanks (Nos.)	1
Total capacity (m ³)	379
Distribution network (km):	114,108
Leakages in distribution (Nos.)	204

(3) O&M Problems

Production wells	Underground water level become down
Pump	Mechanical problems
Treatment plant	-
Pipeline	Leakage of pipeline
Customer water meter	-
House connection	Unauthorized house connection
O&M manuals (Nos.)	0
O&M assistance form DPHE	No
Annual leakages (Nos.)	204
Leakage detection activity	Yes

3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	200
Rehabilitation		Tariff adopted year	2009
Production tube well	Yes	Tariff setting policy	Full cost recovery, , , , ,
Treatment plant	No		
Distribution network	Yes		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	No
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)			
Coverage area (km ²)	20		
Population served (people)	205,310		
Service connections (Nos.)	9,443	8. Problems and Priority Needs	
Domestic	9,423	Major 3 problems	
Public tap/ stand pipe	0		(1) Rapid underground water table declining
Public institutions	0		(2) Insufficient technical and managerial capacity
Commercial & industrial	20		(3) Less financial resources
Others	0		
Total	9,443	Major 3 priority needs	
Metered connections (Nos.)	0		(1) Production well and pump
Applications outstanding (Nos.)	0		(2) Increase of water pressure
New connections in 2010/2011 (Nos.)	0		(3) Capacity building for staff and management
Average waiting time (days)	0		
Water pressure at the end of network	, Fair, ,		
Continuity of service (hrs/day)	4		
Customer with 24 hrs supply (%)	5		
Annual complaints (Nos.)	1,095		
Major complaints		9. Past and On-going Projects and Training	
	(1) Insufficient water supply	(1) Past 10 years projects	
	(2) Pipeline leakage	Name	-
	(3) Pump disorder	Period	-
		Funding agency	-
		Executing agency	-
		(2) Past 10 years projects	
		Name	DPHE
		Period	-
		Funding agency	DPHE
		Executing agency	2008-2009
		Executing agency	World Bank
		On-going projects	DPHE
		Name	-
		Period	BMDF
		Funding agency	2011-2012
		Executing agency	World Bank
		Executing agency	Tongi pourashava
		Training	-
		Nos. of training	1
		Nos. of Staff	2
		Name of training (1)	Water billing software
		Name of training (2)	-
		Name of training (3)	-
5. Financial Information (FY2010/11)			
Annual budget (Tk)	36,050,250		
Annual revenue (Tk)	41,787,622		
Annual expenditure (Tk)	39,703,318		
Annual O&M Costs (Tk)	39,703,318		
Annual billings (Tk)	45,903,000		
Annual collections (Tk)	33,167,000		
Water arrears (Tk)	12,736,000		
Electricity arrears (Tk)	0		
Payment methods	, Bank		
Self-billing	No		
Billing frequency	Yearly		
6. Water Tariff and Metering (See Tariff Database)			
Tariff Structure	Based on pipe size		
Domestic 13 mm (1/2") (Tk/month)	200		
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, ,
Necessity of Piped water	Yes	As contaminated wells (Nos.)	0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	1) Improvement of financial management to reduction NRW 2) Improvement of billing & collection practice	Unhygienic drinking water (%)	5
		% of people using neighbor's well for drinking	15
		Problems in non-piped water supply area	Polluted water, Water is not reachable to hand
Affordability (answered by pourashava staff)	0		
Average household income/month (Tk)	50,000		
Affordability for piped water (Tk/month)	1,000		
Affordable price in total household income (%)	2		
2. Exiting Water Sources in Non-Piped Water Supply Area		3. Potential Water Sources for Non-Piped Water Supply System	
		Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
River	0	Shallow well	Do not know Do not know
Shallow well	No data	Deep well	Moderate Not found
Deep well	No data	Surface water sources	None Dying chemical
Ponds	No data	Other sources	Yes -
Other sources	No data	Decrease of ground water level	
		Shallow well (m/year)	5.0
		Deep well (m/year)	5.0

A. Pourashava Profile			
Class	B	Sanitation coverage	0
Division	Dhaka	Latrine with septic tank (%)	20
District	Gopalganj	Water sealed slab latrine (%)	79
Year established	1997	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0668-56302 ; 01711372670	Technical staff (Nos.)	2
E-mail	engryousuf bd @ gmail. Com	Financial statements (2010/2011)	
Population (FY2010/2011)	8,166	Annual budget (Tk)	490,724,000
Nos. of households (FY2010/2011)	1,974	Revenue (Tk)	10,724,000
Literacy (%)	50	Expenditure (Tk)	9,387,000
Land area (km ²)	3	Computerization	Holding tax management, Accounting, , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	1	Committee formed	
Residential area pop. density (persons/ha)	127	TLCC /Frequency of meeting	No
Electricity coverage (%)	85	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)			
Water supply coverage (%)	65	Metering ratio (%)	0
Per capita produced water (L/d/ca)	408	Operating ratio (%)	98
Supply Hour (Hrs)	8	Collection ratio in amount (%)	72
Non-revenue water (NRW) (%)	-	Collection period (days)	194
Pipe leakage ratio (point/km)	1.7	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m ³ produced)	2.9	Electricity arrear to annual revenue (%)	49
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		Chlorination points (Nos.)	
Water section established (year)	2003	PTW	-
Piped system introduced (year)	2003	IRP/AIRP	-
Pourashava responsibility	O&M, ,	Surface WTP	1
Computerization/Automation	, Billing, , , ,	Bulk flow meters (Nos.)	0
Staff in water section (Nos.)	12	Bulk flow meter readings (Nos.)	0
In which, staff with diploma or higher qualification (Nos.)	1	Total production, Summer (m ³ /day)	2,160
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	, River	Total capacity (m ³)	680
Production tube well		Distribution network (km):	23,000
PTW (Nos.)	0	Leakages in distribution (Nos.)	40
PTW not in operation (Nos.)	0	(3) O&M Problems	
Ave. depth (m)	0	Production wells	N
Capacity at commission (m ³ /hrs)	0	Pump	
Ave. current capacity per unit (m ³ /hrs)	0	Treatment plant	Filter clogged.
Ave. production hours, Summer (hrs/day)	0	Pipeline	Leakage, Joint Break.
Total production, Summer (m ³ /day)	0	Customer water meter	
Treatment plants (Nos.)		House connection	Joint Break
AIRP	0	O&M manuals (Nos.)	0
IRP	0	O&M assistance form DPHE	No
Surface water treatment plants	1	Annual leakages (Nos.)	40
Plants not in operation	0	Leakage detection activity	Yes
Production of plant	0		
Total capacity (m ³ /hrs)	240		
Production hours, Summer (hrs/day)	9		
Total production (m ³ /day)	2,160		

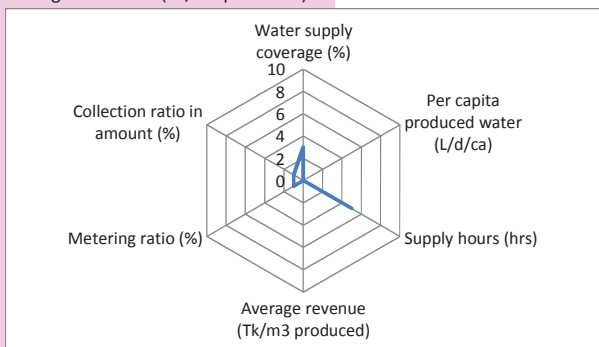
3. Needs of Rehabilitation and Expansion			House connection fee (1/2") (Tk)	1,000															
Rehabilitation			Tariff adopted year	2004															
Production tube well	No		Tariff setting policy	, , , People's affordability to pay , ,															
Treatment plant	Yes		7. Water Quality Monitoring																
Distribution network	Yes		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	Yes		Water quality problems	In summer saline comes in river water															
4. Customer Service (Service indicators)			8. Problems and Priority Needs																
Coverage area (km ²)	2		Major 3 problems	(1) Insufficient technical and managerial capacity															
Population served (people)	5,300			(2) Low Treatment Technology															
Service connections (Nos.)	1,225			(3) Water quality problems															
Domestic	1,200		Major 3 priority needs	(1) Increase of water pressure															
Public tap/ stand pipe	8			(2) Installation of house meters to all consumers															
Public institutions	3			(3) Capacity building for staff and management															
Commercial & industrial	16																		
Others	0																		
Total	1,227																		
Metered connections (Nos.)	0																		
Applications outstanding (Nos.)	20																		
New connections in 2010/2011 (Nos.)	40																		
Average waiting time (days)	5-7																		
Water pressure at the end of network	, , Low,																		
Continuity of service (hrs/day)	8																		
Customer with 24 hrs supply (%)	20																		
Annual complaints (Nos.)	25																		
Major complaints	(1) They don't get sufficient Water																		
	(2) Pipe dia is very small, So water supply pressure is very slowly.																		
	(3) P.V.C. Pipe some times is leakage out.																		
5. Financial Information (FY2010/11)			9. Past and On-going Projects and Training																
Annual budget (Tk)	4,371,000		(1) Past 10 years projects																
Annual revenue (Tk)	2,259,327		Name	-															
Annual expenditure (Tk)	2,211,000		Period	-															
Annual O&M Costs (Tk)	2,211,000		Funding agency	-															
Annual billings (Tk)	3,421,050		Executing agency	-															
Annual collections (Tk)	2,474,432		(2) Past 10 years projects	-															
Water arrears (Tk)	1,200,000		Name	-															
Electricity arrears (Tk)	1,100,000		Period	-															
Payment methods	, Bank		Funding agency	-															
Self-billing	Yes		Executing agency	-															
Billing frequency	Monthly		On-going projects	-															
			Name	-															
			Period	2010-2013															
			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)	-															
6. Water Tariff and Metering (See Tariff Database)			Kodolpara and Tongpara pourashava water supply and Environmental Sanitation Improved Project.																
Tariff Structure	Based on pipe size																		
Domestic 13 mm (1/2") (Tk/month)	200																		
Non-domestic lowest (Tk/month)	350																		
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.)	, , , Filtration															
Piped water	Yes		Arsenic contaminated water supply (%)	Do not Know															
Water meter	Yes		Unhygienic drinking water (%)	0															
Reasons	To reduce wastage of water, Actual revenue collection & House holder mind satisfaction to pay the bill.		% of people using neighbor's well for drinking	60															
			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)	6,000		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>0</td> <td></td> </tr> <tr> <td>Deep well</td> <td>0</td> <td></td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>Saline and dirty</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>0</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	0		Deep well	0		Surface water sources	High	Saline and dirty	Other sources	No	0
Potential water sources	Evaluation	WQ problems																	
Shallow well	0																		
Deep well	0																		
Surface water sources	High	Saline and dirty																	
Other sources	No	0																	
Affordability for piped water (Tk/month)	200		Decrease of ground water level																
Affordable price in total household income (%)	3		Shallow well (m/year)																
			Deep well (m/year)																
2. Existing Water Sources in Non-Piped Water Supply Area																			
Source	Nos. of source	Drinking (%)	Domestic (%)																
River	1	0	5																
Shallow well	100	80	70																
Deep well	0	0	0																
Ponds	100	20	25																
Other sources	0	0	0																

A. Pourashava Profile

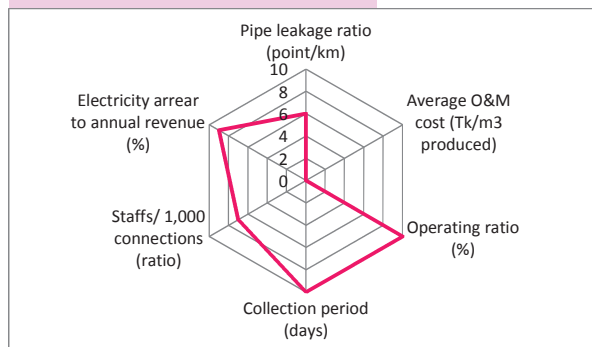
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	25
District	Mymensingh	Water sealed slab latrine (%)	70
Year established	1998	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	903256015	Technical staff (Nos.)	9
E-mail	trishalpourashava@gmail.com	Financial statements (2010/2011)	
Population (FY2010/2011)	35,030	Annual budget (Tk)	65,794,141
Nos. of households (FY2010/2011)	6,680	Revenue (Tk)	91,015,000
Literacy (%)	63	Expenditure (Tk)	19,150,000
Land area (km ²)	15	Computerization	''''''''
Residential area (km ²)	7	Committee formed	
Residential area pop. density (persons/ha)	50	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	30	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	16		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	17	Metering ratio (%)	0
Per capita produced water (L/d/ca)	No production data	Operating ratio (%)	233
Supply Hour (Hrs)	6	Collection ratio in amount (%)	47
Non-revenue water (NRW) (%)	-	Collection period (days)	825
Pipe leakage ratio (point/km)	2.7	Staffs/ 1,000 connections (ratio)	10
Average revenue (Tk/m3 produced)	-	Electricity arrear to annual revenue (%)	88
Average O&M cost (Tk/m3 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	Chlorination points (Nos.)	
Piped system introduced (year)	2009	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.)	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)	Do not know

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):	15,800
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	42
Ave. depth (m)	350	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	Do not know	Production wells	Decrease of production capacity
Ave. current capacity per unit (m ³ /hrs)	Do not know	Pump	Burning of pump, motor due to voltage up down.
Ave. production hours, Summer (hrs/day)	6	Treatment plant	-
Total production, Summer (m ³ /day)	Do not know	Pipeline	Pipe line leakage
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage from fitting
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.)	42
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		

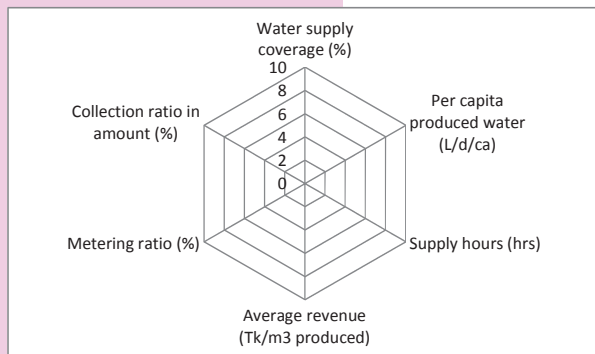
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	1,200
Rehabilitation		Tariff adopted year	2009
Production tube well	Yes	Tariff setting policy	,,,,,
Treatment plant	No		
Distribution network	Yes		
Expansion		7. Water Quality Monitoring	
Production tube well	Yes	Water quality monitoring plan	No
Treatment plant	Yes	Parameters checked	-
Distribution network	Yes	Frequency of quality test	-
		Nos. of sampling location /year	-
		Water quality problems	Bacteria found sometimes.
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	2	Major 3 problems	(1) Low coverage
Population served (people)	5,850		(2) Less financial resources for development.
Service connections (Nos.)	387		(3) Want of treatment technology.
Domestic	380		
Public tap/ stand pipe	6	Major 3 priority needs	(1) Increase of production capacity
Public institutions	0		(2) 24-hour supply
Commercial & industrial	1		(3) Installation of house meters to all consumers
Others	0		
Total	387		
Metered connections (Nos.)	0	9. Past and On-going Projects and Training	
Applications outstanding (Nos.)	0	(1) Past 10 years projects	
New connections in 2010/2011 (Nos.)	0	Name	-
Average waiting time (days)	0	Period	-
Water pressure at the end of network	, , Low,	Funding agency	-
Continuity of service (hrs/day)	6	Executing agency	-
Customer with 24 hrs supply (%)	25	(2) Past 10 years projects	
Annual complaints (Nos.)	120	Name	-
Major complaints	(1) Wants 24 hours continuous supply.	Period	-
	(2) -	Funding agency	-
	(3) -	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)	1,075,000		
Annual revenue (Tk)	400,000		
Annual expenditure (Tk)	1,075,000		
Annual O&M Costs (Tk)	930,000		
Annual billings (Tk)	882,250		
Annual collections (Tk)	415,795		
Water arrears (Tk)	904,262		
Electricity arrears (Tk)	350,000		
Payment methods	Pourashava office, Bank		
Self-billing	Yes		
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)	150		
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 Piped water	Yes	As contaminated wells (Nos.)	0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	To save water, Measure or water	Unhygienic drinking water (%)	5
		% of people using neighbor's well for drinking	5
		Problems in non-piped water supply area	Bacteria in shallow tube well,
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	15,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	300	Shallow well	None
Affordable price in total household income (%)	2	Deep well	High
		Surface water sources	-
		Other sources	No
		Decrease of ground water level	
		Shallow well (m/year)	-
		Deep well (m/year)	-
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	4,100	70	70
Deep well	20	30	30
Ponds	28	0	0
Other sources	0	0	0

A. Pourashava Profile

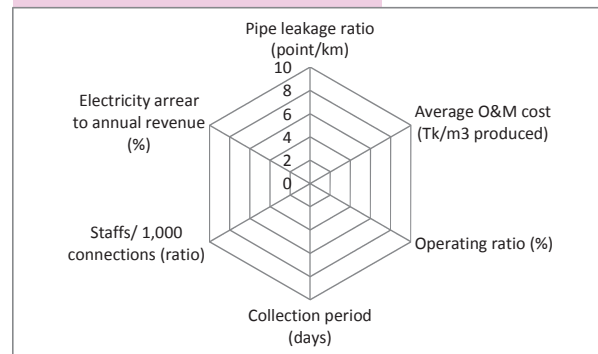
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20
District	Shariatpur	Water sealed slab latrine (%)	60
Year established	1997	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	06022-56179, 01717366251	Technical staff (Nos.)	1
E-mail	mayormannan@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	10,000	Annual budget (Tk)	11,730,000
Nos. of households (FY2010/2011)	1,903	Revenue (Tk)	3,430,000
Literacy (%)	70	Expenditure (Tk)	3,430,000
Land area (km ²)	4	Computerization	, , , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	2	Committee formed	
Residential area pop. density (persons/ha)	42	TLCC/Frequency of meeting	Yes, 4 months
Electricity coverage (%)	100	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)	Not formed	Chlorination points (Nos.)	
Piped system introduced (year)	2007	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):	85,400
		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)	274
Capacity at commission (m ³ /hrs)	57
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

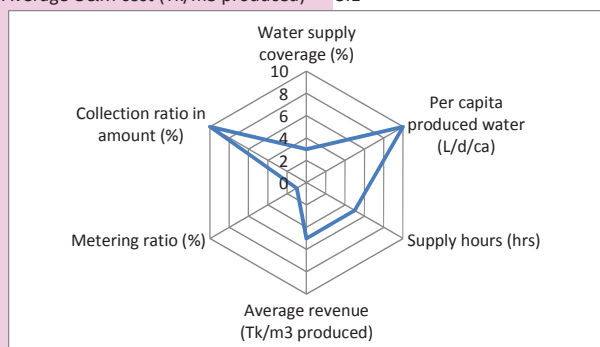
3. Needs of Rehabilitation and Expansion		House connection fee (1/2") (Tk)	No water supply service															
Rehabilitation		Tariff adopted year	No water tariff															
Production tube well	-	Tariff setting policy	''''''															
Treatment plant	-																	
Distribution network	-																	
Expansion		7. Water Quality Monitoring																
Production tube well		Water quality monitoring plan	-															
Treatment plant		Parameters checked	-															
Distribution network		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																	
Service connections (Nos.)	0		(2) -															
Domestic	0		(3) -															
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		Main treatment method in domestic	, Boiling, ,															
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 (%)	Do not know															
Reasons	To reduce misuse of water & increase revenue of the pourashava	% of people using neighbor's well for drinking	80															
		Problems in non-piped water supply area	Arsenic, Groundwater level declination															
Affordability (answered by pourashava staff)	0	3. Potential Water Sources for Non-Piped Water Supply System																
Average household income/month (Tk)	10,000	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Arsenic</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>Contaminated by human & industrial waste</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Arsenic	Deep well	Moderate	Iron	Surface water sources	Moderate	Contaminated by human & industrial waste	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	None	Arsenic																
Deep well	Moderate	Iron																
Surface water sources	Moderate	Contaminated by human & industrial waste																
Other sources	No	-																
Affordability for piped water (Tk/month)	150	Decrease of ground water level																
Affordable price in total household income (%)	2	Shallow well (m/year)	3.00															
		Deep well (m/year)	3.00															
2. Exiting Water Sources in Non-Piped Water Supply Area																		
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	0	0	5															
Shallow well	900	0	60															
Deep well	100	100	5															
Ponds	50	0	30															
Other sources	0	0	0															

A. Pourashava Profile

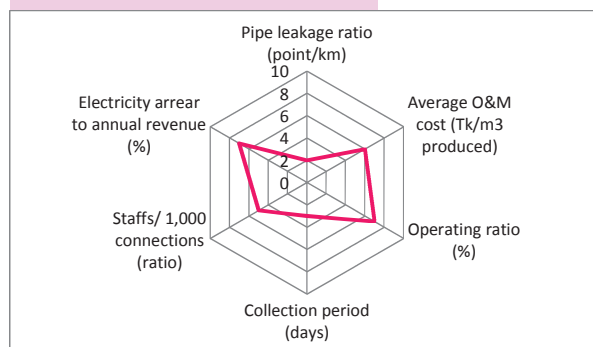
Class	B	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	15
District	Jessore	Water sealed slab latrine (%)	45
Year established	1998	Water-related diseases	, , , , ,
Contact Tel/Fax	Tel : 04225-506	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	
Population (FY2010/2011)	34,284	Annual budget (Tk)	108,396,771
Nos. of households (FY2010/2011)	5,883	Revenue (Tk)	31,890,200
Literacy (%)	69	Expenditure (Tk)	31,430,351
Land area (km ²)	9	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	5	Committee formed	
Residential area pop. density (persons/ha)	67	TLCC /Frequency of meeting	Yes, 3 month
Electricity coverage (%)	85	WATSAN/Frequency of meeting	Yes, No activities yet
Electricity availability (hrs)			
Summer	6		
Winter	14		

B. Key Performance Indicators (Efficiency Indicators)

Water supply coverage (%)	15	Metering ratio (%)	0
Per capita produced water (L/d/ca)	240	Operating ratio (%)	100
Supply Hour (Hrs)	6	Collection ratio in amount (%)	124
Non-revenue water (NRW) (%)	12	Collection period (days)	56
Pipe leakage ratio (point/km)	0.7	Staffs/ 1,000 connections (ratio)	7
Average revenue (Tk/m ³ produced)	3.1	Electricity arrear to annual revenue (%)	28
Average O&M cost (Tk/m ³ produced)	3.1		



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)	2007	Chlorination points (Nos.)	
Piped system introduced (year)	2006	PTW	0
Pourashava responsibility	O&M, , Part of construction	IRP/AIRP	0
Computerization/Automation	, Billing, Accounting, , , ,	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)	1,200

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):	15,460
PTW not in operation (Nos.)	0	Leakages in distribution (Nos.)	11
Ave. depth (m)	202	(3) O&M Problems	
Capacity at commission (m ³ /hrs)	73	Production wells	No problem
Ave. current capacity per unit (m ³ /hrs)	67	Pump	Burning of pump motor due to voltage fluctuation.
Ave. production hours, Summer (hrs/day)	6	Treatment plant	-
Total production, Summer (m ³ /day)	1,200	Pipeline	Joint dislocation, burst and leakage
Treatment plants (Nos.)		Customer water meter	-
AIRP	0	House connection	Leakage from fittings
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.)	11
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)	300
Rehabilitation		Tariff adopted year	2010
Production tube well	Yes	Tariff setting policy	, Operation cost recovery (O&M costs), , , ,
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	Yes	Nos. of sampling location /year	-
Distribution network	Yes	Water quality problems	- Iron contains in deep tube well. Iron gets deposited in the pipelines. Due to non-availability of washouts pipeline cannot be cleaned. Sometimes sluice valve is out of order and as a result waste water enter into pipeline during non-supply hours
4. Customer Service (Service indicators)		8. Problems and Priority Needs	
Coverage area (km ²)	3	Major 3 problems	(1) Low coverage
Population served (people)	5,000		(2) Insufficient technical and managerial capacity
Service connections (Nos.)	819		(3) Leakage and washing of pipe
Domestic	811	Major 3 priority needs	(1) Increase of water pressure
Public tap/ stand pipe	5		(2) Reduction of leakage
Public institutions	0		(3) Reduction of NRW
Commercial & industrial	3		
Others	0		
Total	819		
Metered connections (Nos.)	0		
Applications outstanding (Nos.)	0		
New connections in 2010/2011 (Nos.)	11		
Average waiting time (days)	0		
Water pressure at the end of network	, Fair, ,		
Continuity of service (hrs/day)	6		
Customer with 24 hrs supply (%)	0		
Annual complaints (Nos.)	36		
Major complaints	(1) No 24 hours supply (2) No water supply available end of the pipe (3) Leakage	9. Past and On-going Projects and Training	
5. Financial Information (FY2010/11)		(1) Past 10 years projects	
Annual budget (Tk)	19,150,000	Name	-
Annual revenue (Tk)	1,340,125	Period	-
Annual expenditure (Tk)	1,345,733	Funding agency	-
Annual O&M Costs (Tk)	1,345,733	Executing agency	-
Annual billings (Tk)	1,050,000	(2) Past 10 years projects	
Annual collections (Tk)	1,299,185	Name	-
Water arrears (Tk)	205,572	Period	-
Electricity arrears (Tk)	380,329	Funding agency	-
Payment methods	, Bank	Executing agency	-
Self-billing	No	On-going projects	
Billing frequency	Monthly	Name	-
6. Water Tariff and Metering (See Tariff Database)		Period	-
Tariff Structure	Based on pipe size	Funding agency	-
Domestic 13 mm (1/2") (Tk/month)	110	Executing agency	-
Non-domestic lowest (Tk/month)	0	Training	
Lowest volumetric charge (Tk/m ³)	0	Nos. of training	5
D. Non-Piped Water Supply Area		Nos. of Staff	13
1. Necessity of Piped Water Supply		Name of training (1)	Basic computer training
Necessity of Piped water	Yes	Name of training (2)	PPR (Public Procurement Rules)-2003, 2008
Water meter	Yes	Name of training (3)	Quality of control
Reasons	- To save water and reduce waste in household - Meter required due to actual water bill preparation its help us.	Main treatment method in domestic	
Affordability (answered by pourashava staff)	0	As contaminated wells (Nos.)	None, , ,
Average household income/month (Tk)	12,000	Arsenic contaminated water supply (%)	Do not know
Affordability for piped water (Tk/month)	110	Unhygienic drinking water (%)	No data
Affordable price in total household income (%)	0	% of people using neighbor's well for drinking	20
2. Exiting Water Sources in Non-Piped Water Supply Area		Problems in non-piped water supply area	Water level down in dry season about 2m, Some area faced arsenic contamination (Not data sheets)
Source	Nos. of source	3. Potential Water Sources for Non-Piped Water Supply System	
River	0	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Shallow well	3,700	Shallow well	None Arsenic, Iron
Deep well	38	Deep well	Moderate No problem
Ponds	0	Surface water sources	- -
Other sources	0	Other sources	No -
		Decrease of ground water level	
		Shallow well (m/year)	2.0
		Deep well (m/year)	1.0

List of Pourashavas without Piped Water Supply System (alphabetical sequence)

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

Non-piped Pourashava Name	Division	District	Ref. No.*	Page No.
Dohar(JICA)	Dhaka	Dhaka	DK-N-2	302
Domar	Rangpur	Nilphamari	RP-N-12	302
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
Fhatikchhari	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

Non-piped Pourashava Name	Division	District	Ref. No.*	Page No.
Lama	Chittagong	Bandarban	CG-N-31	329
Lohagara	Khulna	Narail	KN-N11	329
Madan	Dhaka	Netrokona	DK-N-29	330
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

Non-piped Pourashava Name	Division	District	Ref. No.*	Page No.
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
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.

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	8.0
District	Hobiganj	Water sealed slab latrine (%)	90.0
Year established	2004	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	832256094	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	16,255	Annual budget (Tk)	47,338,245
Nos. of households (FY2010/2011)	2,300	Revenue (Tk)	12,889,560
Literacy (%)	35.0	Expenditure (Tk)	12,539,060
Land area (km ²)	6.5	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly
Residential area (km ²)	2.6	Committee formed	
Residential area pop. density (persons/ha)	63	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	20		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes
Water meter	Yes
Reasons	- Possible to keep record for total water production & the quantity of water supply.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	12,000
Affordability for piped water (Tk/month)	150
Affordable price in total household income (%)	1.25

Main treatment method in domestic	None, , ,
As contaminated wells (Nos.)	Do not know
Arsenic contaminated water supply (%)	5
Unhygienic drinking water (%)	25
% of people using neighbor's well for drinking	10
Problems in non-piped water supply area	Some shallow tubewell did not produced water in winter., Ground water table decline Arsenic and Iron problem

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Arsenic, Iron
Deep well	High	No problem
Surface water sources	None	Around the year water is not available
Other sources	No	-

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	5
Shallow well	500	95	33
Deep well	20	5	2
Ponds	40	0	60
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

Akhaura**A. Pourashava Profile**

Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	19.0
District	Brahmanbaria	Water sealed slab latrine (%)	47.0
Year established	1999	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	08522-56231, Fax-08522-56200	Technical staff (Nos.)	2
E-mail	akhapoura@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	37,085	Annual budget (Tk)	17,548,514
Nos. of households (FY2010/2011)	7,598	Revenue (Tk)	10,255,070
Literacy (%)	75.0	Expenditure (Tk)	8,658,046
Land area (km ²)	8.3	Computerization	, , , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	3.3	Committee formed	
Residential area pop. density (persons/ha)	111	TLCC /Frequency of meeting	No
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	Yes, 2 months
Electricity availability (hrs)			
Summer	18		
Winter	23		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes
Water meter	Yes
Reasons	To know exact consumption of water volume ,To prevent misuse of water and accurate billing.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	10,000
Affordability for piped water (Tk/month)	100
Affordable price in total household income (%)	1.00

Main treatment method in domestic	None, , ,
As contaminated wells (Nos.)	N/A
Arsenic contaminated water supply (%)	N/A
Unhygienic drinking water (%)	N/A
% of people using neighbor's well for drinking	2
Problems in non-piped water supply area	No problem(Test report enclosed), No problem(Test report enclosed)

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	0
Deep well	High	0
Surface water sources	Moderate	0
Other sources	No	0

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	3,469	98	15
Deep well	55	2	15
Ponds	96	0	40
Other sources	3	0	20

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	20.0
District	Joypurhat	Water sealed slab latrine (%)	55.0
Year established	1999 (28th February)	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05722-64120	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	32,000	Annual budget (Tk)	48,742,814
Nos. of households (FY2010/2011)	7,123	Revenue (Tk)	7,417,996
Literacy (%)	65.0	Expenditure (Tk)	6,697,559
Land area (km ²)	15.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6.3	Committee formed	
Residential area pop. density (persons/ha)	51	TLCC /Frequency of meeting	No
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	22		

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.)	None, , ,																								
Water meter	Yes	Arsenic contaminated water supply (%)	0																								
Reasons	(i) Ensure the proper use of water, (ii) To identify quantity of water used for billing, (iii) To estimate water not billed, (iv) To save loss etc.	Unhygienic drinking water (%)	4																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20																								
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Iron quantity is high in some area, Declining of water table																								
Affordability for piped water (Tk/month)	100	3. Potential Water Sources for Non-Piped Water Supply System																									
Affordable price in total household income (%)	1.00	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Iron quantity is high in some area</td> </tr> <tr> <td>Deep well</td> <td>-</td> <td>-</td> </tr> <tr> <td>Surface water sources</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Iron quantity is high in some area	Deep well	-	-	Surface water sources	-	-	Other sources	No	-									
Potential water sources	Evaluation	WQ problems																									
Shallow well	Moderate	Iron quantity is high in some area																									
Deep well	-	-																									
Surface water sources	-	-																									
Other sources	No	-																									
2. Existing Water Sources in Non-Piped Water Supply Area																											
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A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	20.0
District	Chuadanga	Water sealed slab latrine (%)	10.0
Year established	17-10-1985	Water-related diseases	Arsenicosis, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	07622-56302, 07622-56502/07622-56772	Technical staff (Nos.)	11
E-mail	mayoralamdanga@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	65,000	Annual budget (Tk)	211,418,043
Nos. of households (FY2010/2011)	6,657	Revenue (Tk)	22,866,930
Literacy (%)	49.0	Expenditure (Tk)	24,220,873
Land area (km ²)	9.6	Computerization	, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	4.8	Committee formed	
Residential area pop. density (persons/ha)	135	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	18		
Winter	22		

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.)	None, , ,																								
Water meter	Yes	Arsenic contaminated water supply (%)	1,500																								
Reasons	People want water and they are ready to pay the water bill	Unhygienic drinking water (%)	30																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20																								
Average household income/month (Tk)	15,000	Problems in non-piped water supply area	0																								
Affordability for piped water (Tk/month)	100-150		Arsenic and iron problem, Ammonia Polluted water																								
Affordable price in total household income (%)	0.67-1	3. Potential Water Sources for Non-Piped Water Supply System																									
<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>N</td> <td>As, Fe, Ammonia</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Do not know</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>No pollution</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>				Potential water sources	Evaluation	WQ problems	Shallow well	N	As, Fe, Ammonia	Deep well	High	Do not know	Surface water sources	None	No pollution	Other sources	No	-									
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Deep well	High	Do not know																									
Surface water sources	None	No pollution																									
Other sources	No	-																									
2. Existing Water Sources in Non-Piped Water Supply Area																											
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Araihazar

With Non-Piped Water Supply System

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	5.0
District	Narayanganj	Water sealed slab latrine (%)	10.0
Year established	2012	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	7654022	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	29,033	Annual budget (Tk)	
Nos. of households (FY2010/2011)	3,000	Revenue (Tk)	
Literacy (%)	85.0	Expenditure (Tk)	
Land area (km ²)	8.9	Computerization	, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget
Residential area (km ²)	2.2	Committee formed	
Residential area pop. density (persons/ha)	130	TLCC /Frequency of meeting	No
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	20		
Winter	24		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	Yes	As contaminated wells (Nos.)	90
Reasons	For proper uses of water	Arsenic contaminated water supply (%)	65
		Unhygienic drinking water (%)	52
		% of people using neighbor's well for drinking	70
		Problems in non-piped water supply area	Arsenic , Iron
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	3,000		
Affordability for piped water (Tk/month)	50		
Affordable price in total household income (%)	1.67		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	241	75	70
Deep well	169	25	20
Ponds	20	0	10
Other sources	0	0	0

Arani

With Non-Piped Water Supply System

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	10.0
District	Rajshahi	Water sealed slab latrine (%)	65.0
Year established	2006	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	None	Technical staff (Nos.)	4
E-mail	aranipourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	22,000	Annual budget (Tk)	55,615,000
Nos. of households (FY2010/2011)	3,487	Revenue (Tk)	13,615,000
Literacy (%)	80.0	Expenditure (Tk)	14,352,462
Land area (km ²)	10.9	Computerization	, , , , Rate schedule and estimate preparation, , , , ,
Residential area (km ²)	5.3	Committee formed	
Residential area pop. density (persons/ha)	41	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	85.0	WATSAN/Frequency of meeting	Yes, -
Electricity availability (hrs)			
Summer	10		
Winter	18		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	None
Reasons	Calculate the actual water volume consumed and the customers pay the bill according to water used.	Arsenic contaminated water supply (%)	0
		Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	35
		Problems in non-piped water supply area	,
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000		
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according to gov't/Pourashava rate.		
Affordable price in total household income (%)	0.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	1,400	100	80
Deep well	0	0	0
Ponds	0	0	10
Other sources	0	0	0

Athgharia

With Non-Piped Water Supply System

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	25.0
District	Pabna	Water sealed slab latrine (%)	55.0
Year established	2006	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07322-56045 (in/c Fax)	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	20,516	Annual budget (Tk)	54,419,452
Nos. of households (FY2010/2011)	3,206	Revenue (Tk)	5,977,000
Literacy (%)	67.0	Expenditure (Tk)	5,534,548
Land area (km ²)	9.5	Computerization	, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget
Residential area (km ²)	3.8	Committee formed	
Residential area pop. density (persons/ha)	54	TLCC /Frequency of meeting	No
Electricity coverage (%)	65.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	7		
Winter	12		
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.)	None, , ,
Water meter	No	Arsenic contaminated water supply (%)	0
Reasons		Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	0
Affordability (answered by pourashava staff)		Problems in non-piped water supply area	Water table & drawdown water table not near the surface. So this cause summer season water not available.,
Average household income/month (Tk)	6,000	3. Potential Water Sources for Non-Piped Water Supply System	
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	2.50	Potential water sources	
		Evaluation	WQ problems
		Shallow well	Moderate No problem
		Deep well	- -
		Surface water sources	- -
		Other sources	No -
2. Existing Water Sources in Non-Piped Water Supply Area			
		Decrease of ground water level	
		Shallow well (m/year)	0.5
		Deep well (m/year)	Not known
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,217	100	69
Deep well	0	0	0
Ponds	120	0	30
Other sources	12	0	1

Badarganj

With Non-Piped Water Supply System

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	20.0
District	Rangpur	Water sealed slab latrine (%)	60.0
Year established	1999	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05222-56219	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	36,097	Annual budget (Tk)	34,360,267
Nos. of households (FY2010/2011)	5,200	Revenue (Tk)	17,671,376
Literacy (%)	65.0	Expenditure (Tk)	13,948,220
Land area (km ²)	6.8	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	3.4	Committee formed	
Residential area pop. density (persons/ha)	106	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	15		
Winter	20		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	No data
Reasons	- To calculate the revenue water - Ensure the proper use of water - To identify the quantity of water supply.	Unhygienic drinking water (%)	No data
		% of people using neighbor's well for drinking	5
Affordability (answered by pourashava staff)		Problems in non-piped water supply area	Iron is some area, The depth of hand pump is not enough
Average household income/month (Tk)	8,000	3. Potential Water Sources for Non-Piped Water Supply System	
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1.25	Potential water sources	
		Evaluation	WQ problems
		Shallow well	None Iron is some area
		Deep well	- -
		Surface water sources	- -
		Other sources	No -
2. Existing Water Sources in Non-Piped Water Supply Area			
		Decrease of ground water level	
		Shallow well (m/year)	0.9
		Deep well (m/year)	Not known
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	4,900	100	100
Deep well	0	0	0
Ponds	10	0	0
Other sources	0	0	0

A. Pourashava Profile

With Non-Piped Water Supply System

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	25.0
District	Natore	Water sealed slab latrine (%)	55.0
Year established	2004	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07722-72032	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	18,000	Annual budget (Tk)	81,385,788
Nos. of households (FY2010/2011)	2,860	Revenue (Tk)	5,335,196
Literacy (%)	95.0	Expenditure (Tk)	5,355,000
Land area (km ²)	10.4	Computerization	, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	5.2	Committee formed	
Residential area pop. density (persons/ha)	35	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	10		
Winter	18		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- Known to actual water consumption by household. - Reduce of waste water. - Known, how much water product and used to consumers.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	30
Average household income/month (Tk)	15,000	Problems in non-piped water supply area	Water level is declining in the dry season., Iron, arsenic
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according to govt/Pourashava rate.		
Affordable price in total household income (%)	0.00		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	0
Deep well	-	0
Surface water sources	-	0
Other sources	Yes	0

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	1,800	100	0
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	2.0
Deep well (m/year)	Not known

Bagha

With Non-Piped Water Supply System

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	10.0
District	Rajshahi	Water sealed slab latrine (%)	75.0
Year established	1999	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07233-56062	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	51,000	Annual budget (Tk)	19,031,410
Nos. of households (FY2010/2011)	6,585	Revenue (Tk)	8,731,410
Literacy (%)	63.0	Expenditure (Tk)	19,314,070
Land area (km ²)	11.8	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical
Residential area (km ²)	6.8	Committee formed	
Residential area pop. density (persons/ha)	75	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	22		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- To save the waste of water. - To accuracy of bill preparation for pay to actual bill and actual revenue income of the water section.	Unhygienic drinking water (%)	N
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	40
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	,
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according to govt/Pourashava rate.		
Affordable price in total household income (%)	0.00		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	No problem
Deep well	-	-
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	2,501	100	95
Deep well	0	0	0
Ponds	0	0	5
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	15.0
District	Rangamati	Water sealed slab latrine (%)	20.0
Year established	2004	Water-related diseases	, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	0	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	30,000	Annual budget (Tk)	5,346,716
Nos. of households (FY2010/2011)	3,224	Revenue (Tk)	2,412,096
Literacy (%)	80.0	Expenditure (Tk)	2,315,323
Land area (km ²)	22.9	Computerization	,,, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6.0	Committee formed	
Residential area pop. density (persons/ha)	50	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	8		
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.)	None, ,
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	To prevent from wastage of water. To earn money.	Unhygienic drinking water (%)	Do not know
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	40
Average household income/month (Tk)	6,000	Problems in non-piped water supply area	The water in the pourashava area contains iron, Sometimes tubewells become out of order
Affordability for piped water (Tk/month)	120		
Affordable price in total household income (%)	2.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	25
Shallow well	140	80	48
Deep well	8	5	2
Ponds	10	0	20
Other sources	30	15	5
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	Iron	
Deep well	Moderate	Iron	
Surface water sources	Moderate	Turbidity	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	0.2		
Deep well (m/year)	0.1		

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	15.0
District	Jessore	Water sealed slab latrine (%)	60.0
Year established	2002	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	Tel : 04223-56050, Mob : 01718-562178	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	11,748	Annual budget (Tk)	33,446,274
Nos. of households (FY2010/2011)	1,865	Revenue (Tk)	4,950,000
Literacy (%)	68.0	Expenditure (Tk)	4,764,000
Land area (km ²)	3.1	Computerization	,,, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	1.7	Committee formed	
Residential area pop. density (persons/ha)	68	TLCC /Frequency of meeting	No
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 2 months
Electricity availability (hrs)			
Summer	10		
Winter	18		
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.)	None, ,
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	- For actual billing of water section. - We known to how much used of water in the consumer and how much deliver to household.	Unhygienic drinking water (%)	Do not know
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20
Average household income/month (Tk)	12,000	Problems in non-piped water supply area	Iron,
Affordability for piped water (Tk/month)	Do not know		
Affordable price in total household income (%)	Do not know		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	10
Shallow well	1,200	99	85
Deep well	1	1	0
Ponds	0	0	5
Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	Iron	
Deep well	High	N	
Surface water sources	High	No problem	
Other sources	Yes	-	
Decrease of ground water level			
Shallow well (m/year)	1.0		
Deep well (m/year)	Not known		

A. Pourashava Profile				
Class	C	Sanitation coverage		
Division	Barisal	Latrine with septic tank (%)	50.0	
District	Barisal	Water sealed slab latrine (%)	40.0	
Year established	1990	Water-related diseases	Arsenicosis, Cholera, Typhoid, ,	
Contact Tel/Fax	0433256168, 01712765296	Technical staff (Nos.)	10	
E-mail		Financial statements (2010/2011)	0	
Population (FY2010/2011)	18,185	Annual budget (Tk)	12,848,977	
Nos. of households (FY2010/2011)	3,200	Revenue (Tk)	5,824,902	
Literacy (%)	80.0	Expenditure (Tk)	3,840,752	
Land area (km ²)	3.0	Computerization	
Residential area (km ²)	1.7	Committee formed		
Residential area pop. density (persons/ha)	110	TLCC /Frequency of meeting	Yes, 3 months	
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No	
Electricity availability (hrs)				
Summer	13			
Winter	18			
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.)	0	
Water meter	Yes	Arsenic contaminated water supply (%)	0	
Reasons	To protect the misuse of water, For actual measurement of billing system,	Unhygienic drinking water (%)	15	
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	5	
Average household income/month (Tk)	12,000	Problems in non-piped water supply area	water from shallow tube well is polluted & contaminated, scarcity of drinking water, few iron in tubewell water	
Affordability for piped water (Tk/month)	300			
Affordable price in total household income (%)	2.50			
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 (%)	
River	2	0	10	
Shallow well	108	15	85	
Deep well	260	85	0	
Ponds	21	0	5	
Other sources	0	0	0	
		Potential water sources	Evaluation	WQ problems
		Shallow well	Moderate	Iron, bacteria and other impurities
		Deep well	High	Iron, Some bad smell and few hardness etc.
		Surface water sources	Moderate	Various type of impurities, odor, garbage
		Other sources	Yes	-
		Decrease of ground water level		
		Shallow well (m/year)	0.6	
		Deep well (m/year)	0.3	

A. Pourashava Profile				
Class	B	Sanitation coverage		
Division	Chittagong	Latrine with septic tank (%)	20.0	
District	Chittagong	Water sealed slab latrine (%)	65.0	
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,	
Contact Tel/Fax	303756111	Technical staff (Nos.)	4	
E-mail	shahid_cv41@yahoo.com	Financial statements (2010/2011)	0	
Population (FY2010/2011)	42,632	Annual budget (Tk)	15,034,683	
Nos. of households (FY2010/2011)	6,490	Revenue (Tk)	15,034,683	
Literacy (%)	75.0	Expenditure (Tk)	14,611,413	
Land area (km ²)	28.4	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical	
Residential area (km ²)	13.9	Committee formed		
Residential area pop. density (persons/ha)	31	TLCC /Frequency of meeting	Yes, 3 months	
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	Yes, 2 months	
Electricity availability (hrs)				
Summer	4			
Winter	10			
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.)	0	
Water meter	Yes	Arsenic contaminated water supply (%)	0	
Reasons	To use supply water perfectly and to control misuse of water.	Unhygienic drinking water (%)	12	
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20	
Average household income/month (Tk)	12,000	Problems in non-piped water supply area	The water contains irons.,	
Affordability for piped water (Tk/month)	480			
Affordable price in total household income (%)	4.00			
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 (%)	
River	0	0	0	
Shallow well	250	30	70	
Deep well	65	70	15	
Ponds	105	0	15	
Other sources	0	0	0	
		Potential water sources	Evaluation	WQ problems
		Shallow well	Moderate	Iron
		Deep well	High	Fe
		Surface water sources	-	-
		Other sources	No	-
		Decrease of ground water level		
		Shallow well (m/year)	2.0	
		Deep well (m/year)	1.0	

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	40.0
District	Chittagong	Water sealed slab latrine (%)	35.0
Year established	2000	Water-related diseases	Arsenicosis, Diarrhea, Typhoid, ,
Contact Tel/Fax	1824626012	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	11,327	Annual budget (Tk)	63,100,000
Nos. of households (FY2010/2011)	2,709	Revenue (Tk)	11,590,497
Literacy (%)	70.0	Expenditure (Tk)	23,113,106
Land area (km ²)	2.1	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	1.1	Committee formed	
Residential area pop. density (persons/ha)	106	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	4		
Winter	10		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	To use supply water perfectly and to save water from misuse.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	8,000
Affordability for piped water (Tk/month)	250
Affordable price in total household income (%)	3.12

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	500	80	80
Deep well	40	20	20
Ponds	25	0	0
Other sources	0	0	0

Main treatment method in domestic	None, , ,
As contaminated wells (Nos.)	400
Arsenic contaminated water supply (%)	90
Unhygienic drinking water (%)	10
% of people using neighbor's well for drinking	50
Problems in non-piped water supply area	Arsenic and salinity on shallow wells., Shallow wells are contaminated by human waste.

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Arsenic and bacteria
Deep well	High	Not known
Surface water sources	High	No problem
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.2
Deep well (m/year)	2.0
	0.0

Baraigram

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	30.0
District	Natore	Water sealed slab latrine (%)	55.0
Year established	2004	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0	Technical staff (Nos.)	9
E-mail	sarkar_hannan@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	19,243	Annual budget (Tk)	44,438,922
Nos. of households (FY2010/2011)	4,556	Revenue (Tk)	12,133,182
Literacy (%)	67.0	Expenditure (Tk)	19,806,932
Land area (km ²)	11.8	Computerization	, , , Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	6.5	Committee formed	
Residential area pop. density (persons/ha)	30	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	12		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	- To save and reduce waste water in household - To consumed the water calculate in the meter wise and accordingly pay the bills as
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	12,000
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according
Affordable price in total household income (%)	0.00

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	2
Shallow well	3,000	100	95
Deep well	0	0	0
Ponds	0	0	3
Other sources	0	0	0

Main treatment method in domestic	None, , ,
As contaminated wells (Nos.)	None
Arsenic contaminated water supply (%)	0
Unhygienic drinking water (%)	0
% of people using neighbor's well for drinking	No data
Problems in non-piped water supply area	Water level is declining about 2 m in the dry season., Iron

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	N
Deep well	-	-
Surface water sources	-	-
Other sources	Yes	-

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	68.0
District	Moulavibazar	Water sealed slab latrine (%)	20.0
Year established	2001	Water-related diseases	, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	08622 - 560028	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	40,000	Annual budget (Tk)	139,362,614
Nos. of households (FY2010/2011)	2,100	Revenue (Tk)	42,351,103
Literacy (%)	60.0	Expenditure (Tk)	38,130,000
Land area (km ²)	9.5	Computerization	, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	2.9	Committee formed	
Residential area pop. density (persons/ha)	136	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	10		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	Yes	As contaminated wells (Nos.)	75
Reasons	Water wastage will be less. Pourashava technically getting benefit to measure the actual volume water supply & also find the volume of water wastage.	Arsenic contaminated water supply (%)	5
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	5
Average household income/month (Tk)	20,000	% of people using neighbor's well for drinking	25
Affordability for piped water (Tk/month)	150	Problems in non-piped water supply area	Ground water contains iron & arsenics, Scarcity of pure water.
Affordable price in total household income (%)	0.75		

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	800	35	30
Deep well	200	25	20
Ponds	150	15	35
Other sources	30	25	15

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	High conc. of iron
Deep well	Moderate	Less conc. of iron (0.01 to 0.025 mgr/L)
Surface water sources	-	-
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.9
Deep well (m/year)	0.3

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20.0
District	Tangail	Water sealed slab latrine (%)	75.0
Year established	2011	Water-related diseases	Arsenicosis, Diarrhea, , , ,
Contact Tel/Fax	09222-56001,09222-56146.	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	27,575	Annual budget (Tk)	New pourashava
Nos. of households (FY2010/2011)	4,560	Revenue (Tk)	New pourashava
Literacy (%)	63.0	Expenditure (Tk)	New pourashava
Land area (km ²)	16.3	Computerization	, , , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	8.7	Committee formed	
Residential area pop. density (persons/ha)	32	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	16		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	415
Reasons	water save and collect actual bill	Arsenic contaminated water supply (%)	10
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	2
Average household income/month (Tk)	9,000	% of people using neighbor's well for drinking	10
Affordability for piped water (Tk/month)	100	Problems in non-piped water supply area	Arsenic, Drilling is difficult due to Stony or rocky layer and Iron contents.
Affordable price in total household income (%)	1.11		

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	4,151	100	65
Deep well	0	0	0
Ponds	60	0	20
Other sources	1	0	15

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Arsenic,Iron
Deep well	High	No problem
Surface water sources	-	-
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.3
Deep well (m/year)	0.5

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	30.0
District	Noakhali	Water sealed slab latrine (%)	65.0
Year established	1990	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	03223-56302, Fax-56408	Technical staff (Nos.)	4
E-mail	basurhatpourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	32,625	Annual budget (Tk)	104,880,308
Nos. of households (FY2010/2011)	5,675	Revenue (Tk)	27,519,779
Literacy (%)	65.0	Expenditure (Tk)	21,424,145
Land area (km ²)	6.5	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	3.6	Committee formed	
Residential area pop. density (persons/ha)	91	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	10		
Winter	15		
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.)	None, , , 1,660
Water meter	Yes	Arsenic contaminated water supply (%)	85
Reasons	To minimize wastage of water.	Unhygienic drinking water (%)	2
		% of people using neighbor's well for drinking	15
		Problems in non-piped water supply area	Iron, Arsenic, Saline
Affordability (answered by pourashava staff)		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)	400	Shallow well	None
Affordable price in total household income (%)	4.00	Deep well	Moderate
		Surface water sources	-
		Other sources	Yes
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	1,846	95	55
Deep well	4	5	5
Ponds	505	0	40
Other sources	0	0	0

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	45.0
District	Patuakhali	Water sealed slab latrine (%)	35.0
Year established	2001	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, ,
Contact Tel/Fax	442256104	Technical staff (Nos.)	4
E-mail	mukti_79@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	25,000	Annual budget (Tk)	65,748,697
Nos. of households (FY2010/2011)	3,080	Revenue (Tk)	6,757,375
Literacy (%)	95.0	Expenditure (Tk)	5,456,749
Land area (km ²)	3.2	Computerization	Holding tax management, , , Rate schedule and estimate preparation, , , Yearly logical budget preparation, , ,
Residential area (km ²)	2.2	Committee formed	
Residential area pop. density (persons/ha)	114	TLCC /Frequency of meeting	No
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	22		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	No	As contaminated wells (Nos.)	0
Reasons	First they want supply facility.	Arsenic contaminated water supply (%)	0
		Unhygienic drinking water (%)	40
		% of people using neighbor's well for drinking	50
		Problems in non-piped water supply area	Bacteria, Turbidity etc, No coverage of water as per public demand.
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	12,000	Potential water sources	Evaluation
Affordability for piped water (Tk/month)	300	Shallow well	Moderate
Affordable price in total household income (%)	2.50	Deep well	High
		Surface water sources	Moderate
		Other sources	Yes
		Decrease of ground water level	
		Shallow well (m/year)	0.6
		Deep well (m/year)	0.2
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	39	0	15
Deep well	75	0	60
Ponds	20	0	25
Other sources	0	0	0

A. Pourashava Profile			
Class	B		Sanitation coverage
Division	Rajshahi		Latrine with septic tank (%)
District	Sirajgonj		Water sealed slab latrine (%)
Year established	2004		Water-related diseases
Contact Tel/Fax	Phone & Fax: 0752-256237		
E-mail			Technical staff (Nos.)
Population (FY2010/2011)	74,974		Financial statements (2010/2011)
Nos. of households (FY2010/2011)	10,484		Annual budget (Tk)
Literacy (%)	70.0		Revenue (Tk)
Land area (km ²)	19.3		Expenditure (Tk)
Residential area (km ²)	10.8		Computerization
Residential area pop. density (persons/ha)	69		
Electricity coverage (%)	60.0		Committee formed
Electricity availability (hrs)			TLCC /Frequency of meeting
Summer	12		WATSAN/Frequency of meeting
Winter	15		
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		As contaminated wells (Nos.)
Reasons	(i) Customers to pay according to use, (ii) To check and control water loss i.e. non-revenue water		Arsenic contaminated water supply (%)
Affordability (answered by pourashava staff)			Unhygienic drinking water (%)
Average household income/month (Tk)	9,000		% of people using neighbor's well for drinking
Affordability for piped water (Tk/month)	200		Problems in non-piped water supply area
Affordable price in total household income (%)	2.22		
3. Potential Water Sources for Non-Piped Water Supply System			
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	5,354	100	90
Deep well	0	0	0
Ponds	0	0	10
Other sources	13	0	0
		Decrease of ground water level	
		Shallow well (m/year)	
		Deep well (m/year)	

A. Pourashava Profile			
Class	A		Sanitation coverage
Division	Khulna		Latrine with septic tank (%)
District	Jessore		Water sealed slab latrine (%)
Year established	2006		Water-related diseases
Contact Tel/Fax	Tel: 04228-76055 Fax: 04228-76056		
E-mail	mayor.benapole@yahoo.com		Technical staff (Nos.)
Population (FY2010/2011)	41,774		Financial statements (2010/2011)
Nos. of households (FY2010/2011)	5,406		Annual budget (Tk)
Literacy (%)	68.0		Revenue (Tk)
Land area (km ²)	8.6		Expenditure (Tk)
Residential area (km ²)	5.2		Computerization
Residential area pop. density (persons/ha)	81		
Electricity coverage (%)	45.0		Committee formed
Electricity availability (hrs)			TLCC /Frequency of meeting
Summer	8		WATSAN/Frequency of meeting
Winter	14		
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		As contaminated wells (Nos.)
Reasons	- Preparation of water (consumer) bill properly. - Reduce of waste water by consumer. - Resist of mis handling of water tap.		Arsenic contaminated water supply (%)
Affordability (answered by pourashava staff)			Unhygienic drinking water (%)
Average household income/month (Tk)	15,000		% of people using neighbor's well for drinking
Affordability for piped water (Tk/month)	Do not know		Problems in non-piped water supply area
Affordable price in total household income (%)	Do not know		
3. Potential Water Sources for Non-Piped Water Supply System			
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,500	50	0
Deep well	4	40	0
Ponds	0	0	0
Other sources	11	10	0
		Decrease of ground water level	
		Shallow well (m/year)	
		Deep well (m/year)	

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	20.0
District	Barguna	Water sealed slab latrine (%)	30.0
Year established	1999	Water-related diseases	Arsenicosis, Cholera, Typhoid,
Contact Tel/Fax	04454-56060, Fax- 04454-56278	Technical staff (Nos.)	9
E-mail	not available	Financial statements (2010/2011)	0
Population (FY2010/2011)	15,634	Annual budget (Tk)	7,415,000
Nos. of households (FY2010/2011)	3,154	Revenue (Tk)	5,058,331
Literacy (%)	81.0	Expenditure (Tk)	4,979,523
Land area (km ²)	14.1	Computerization	, Accounting, , Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	7.8	Committee formed	
Residential area pop. density (persons/ha)	20	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

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 (%)	45															
Reasons	To save the wastage of water and to increase revenue & income			% of people using neighbor's well for drinking	70															
				Problems in non-piped water supply area	Polluted & salinity, Few Iron is found in water															
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System																
Average household income/month (Tk)	15,000			<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Iron & bad odor</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>No</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>Polluted & salinity</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Iron & bad odor	Deep well	High	No	Surface water sources	Moderate	Polluted & salinity	Other sources	No	-
Potential water sources	Evaluation	WQ problems																		
Shallow well	Moderate	Iron & bad odor																		
Deep well	High	No																		
Surface water sources	Moderate	Polluted & salinity																		
Other sources	No	-																		
Affordability for piped water (Tk/month)	300			Decrease of ground water level																
Affordable price in total household income (%)	2.00			Shallow well (m/year)	0.3															
2. Existing Water Sources in Non-Piped Water Supply Area				Deep well (m/year)	0.1															
Source	Nos. of source	Drinking (%)	Domestic (%)																	
River	1	0	3																	
Shallow well	12	0	5																	
Deep well	100	100	70																	
Ponds	400	0	15																	
Other sources	2	0	7																	

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	60.0
District	Mymensingh	Water sealed slab latrine (%)	20.0
Year established	1998	Water-related diseases	, Diarrhea, , Typhoid, ,
Contact Tel/Fax	090-2256057	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	160,000	Annual budget (Tk)	47,727,520
Nos. of households (FY2010/2011)	4,901	Revenue (Tk)	38,727,520
Literacy (%)	70.0	Expenditure (Tk)	36,094,000
Land area (km ²)	10.4	Computerization
Residential area (km ²)	5.9	Committee formed	
Residential area pop. density (persons/ha)	271	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	4		
Winter	7		

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 (%)	10															
Reasons	- To save water and reduce waste in household, and reduce non-revenue water (NRW).			% of people using neighbor's well for drinking	20															
				Problems in non-piped water supply area	Unhygienic Water., Umavoidability of safe drinking water.															
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System																
Average household income/month (Tk)	15,000			<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>No problem</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>No problem</td> </tr> <tr> <td>Surface water sources</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	No problem	Deep well	High	No problem	Surface water sources	-	-	Other sources	No	-
Potential water sources	Evaluation	WQ problems																		
Shallow well	Moderate	No problem																		
Deep well	High	No problem																		
Surface water sources	-	-																		
Other sources	No	-																		
Affordability for piped water (Tk/month)	150			Decrease of ground water level																
Affordable price in total household income (%)	1.00			Shallow well (m/year)	Not known															
2. Existing Water Sources in Non-Piped Water Supply Area				Deep well (m/year)	Not known															
Source	Nos. of source	Drinking (%)	Domestic (%)																	
River	0	0	0																	
Shallow well	4,000	90	90																	
Deep well	5	10	10																	
Ponds	50	0	0																	
Other sources	0	0	0																	

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	10.0
District	Rajshahi	Water sealed slab latrine (%)	80.0
Year established	2000	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07222-56055	Technical staff (Nos.)	3
E-mail	bganjpou@mail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	19,000	Annual budget (Tk)	30,906,110
Nos. of households (FY2010/2011)	3,954	Revenue (Tk)	4,583,113
Literacy (%)	79.0	Expenditure (Tk)	7,731,103
Land area (km ²)	10.0	Computerization	, , , , Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	4.5	Committee formed	
Residential area pop. density (persons/ha)	42	TLCC /Frequency of meeting	No
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	20		

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 (%)	N																								
Reasons	To save the waste water and accordingly pay the bill to water volume consumed.			% of people using neighbor's well for drinking	25																								
				Problems in non-piped water supply area	Water level down 15m,																								
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System																									
Average household income/month (Tk)	12,000			<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>N</td> </tr> <tr> <td>Deep well</td> <td>-</td> <td>-</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>Pollution by human waste water</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	N	Deep well	-	-	Surface water sources	None	Pollution by human waste water	Other sources	No	-									
Potential water sources	Evaluation	WQ problems																											
Shallow well	Moderate	N																											
Deep well	-	-																											
Surface water sources	None	Pollution by human waste water																											
Other sources	No	-																											
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according to			Decrease of ground water level																									
Affordable price in total household income (%)	0.00			Shallow well (m/year)	15.0																								
				Deep well (m/year)	Not known																								
2. Exiting Water Sources in Non-Piped Water Supply Area																													
<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>1</td> <td>0</td> <td>10</td> </tr> <tr> <td>Shallow well</td> <td>1,992</td> <td>100</td> <td>85</td> </tr> <tr> <td>Deep well</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Ponds</td> <td>0</td> <td>0</td> <td>5</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Source	Nos. of source	Drinking (%)	Domestic (%)	River	1	0	10	Shallow well	1,992	100	85	Deep well	0	0	0	Ponds	0	0	5	Other sources	0	0	0		
Source	Nos. of source	Drinking (%)	Domestic (%)																										
River	1	0	10																										
Shallow well	1,992	100	85																										
Deep well	0	0	0																										
Ponds	0	0	5																										
Other sources	0	0	0																										

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	14.0
District	Tangail	Water sealed slab latrine (%)	10.0
Year established	1994	Water-related diseases	Arsenicosis, Diarrhea, , , ,
Contact Tel/Fax	0922-356188; 01712570672	Technical staff (Nos.)	11
E-mail	bhuapurpourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	29,052	Annual budget (Tk)	51,674,235
Nos. of households (FY2010/2011)	5,826	Revenue (Tk)	14,098,110
Literacy (%)	90.0	Expenditure (Tk)	12,812,000
Land area (km ²)	11.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6.6	Committee formed	
Residential area pop. density (persons/ha)	44	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply				Main treatment method in domestic	None, , ,																								
Necessity of				As contaminated wells (Nos.)	2																								
Piped water	Yes			Arsenic contaminated water supply (%)	0																								
Water meter	Yes			Unhygienic drinking water (%)	15																								
Reasons	- To reduce the loss of water and collect the actual bill - To know the amount of non-revenue water.			% of people using neighbor's well for drinking	20																								
				Problems in non-piped water supply area	Arsenic(Govt primary school and Gatandi registered primary school are identified), Iron and odour problem on shallow tubewell																								
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System																									
Average household income/month (Tk)	10,000			<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Iron,Arsenic</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>No problem</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>Turbidity</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Iron,Arsenic	Deep well	High	No problem	Surface water sources	Moderate	Turbidity	Other sources	No	-									
Potential water sources	Evaluation	WQ problems																											
Shallow well	None	Iron,Arsenic																											
Deep well	High	No problem																											
Surface water sources	Moderate	Turbidity																											
Other sources	No	-																											
Affordability for piped water (Tk/month)	100			Decrease of ground water level																									
Affordable price in total household income (%)	1.00			Shallow well (m/year)	0.0																								
				Deep well (m/year)	0.0																								
2. Exiting Water Sources in Non-Piped Water Supply Area																													
<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>1</td> <td>0</td> <td>20</td> </tr> <tr> <td>Shallow well</td> <td>3,000</td> <td>80</td> <td>45</td> </tr> <tr> <td>Deep well</td> <td>80</td> <td>20</td> <td>15</td> </tr> <tr> <td>Ponds</td> <td>70</td> <td>0</td> <td>20</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Source	Nos. of source	Drinking (%)	Domestic (%)	River	1	0	20	Shallow well	3,000	80	45	Deep well	80	20	15	Ponds	70	0	20	Other sources	0	0	0		
Source	Nos. of source	Drinking (%)	Domestic (%)																										
River	1	0	20																										
Shallow well	3,000	80	45																										
Deep well	80	20	15																										
Ponds	70	0	20																										
Other sources	0	0	0																										

A. Pourashava Profile				
Class	B	Sanitation coverage		
Division	Rangpur	Latrine with septic tank (%)	40.0	
District	Dinajpur	Water sealed slab latrine (%)	50.0	
Year established	2002	Water-related diseases		, Diarrhea, , Dysentery, Seasonal chicken pox & fever
Contact Tel/Fax	Tel: 0532-372564, Mob: 01735-960655	Technical staff (Nos.)	5	
E-mail	mayorbirganjpoura@gmail.com	Financial statements (2010/2011)	0	
Population (FY2010/2011)	21,000	Annual budget (Tk)	55,651,603	
Nos. of households (FY2010/2011)	3,815	Revenue (Tk)	8,040,870	
Literacy (%)	79.0	Expenditure (Tk)	7,724,677	
Land area (km ²)	7.3	Computerization		, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4.4	Committee formed		
Residential area pop. density (persons/ha)	48	TLCC /Frequency of meeting	Yes, 3 months	
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 3 months	
Electricity availability (hrs)				
Summer	15			
Winter	20			
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	No	Arsenic contaminated water supply (%)	0	
Reasons	People are interested to pay flat rate bill then metered bill. So to implement new pipe water supply system meters will not be favourable connection.	Unhygienic drinking water (%)	0	
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	0	
Average household income/month (Tk)	10,000	Problems in non-piped water supply area		Water level declining in dry season; but, Water available in dry season
Affordability for piped water (Tk/month)	200			
Affordable price in total household income (%)	2.00			
2. Exiting Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	0	0	0	
Shallow well	3,900	90	90	
Deep well	0	0	0	
Ponds	0	0	0	
Other sources	100	10	10	
3. Potential Water Sources for Non-Piped Water Supply System				
Potential water sources	Evaluation	WQ problems		
Shallow well	High	No problem		
Deep well	High	No problem		
Surface water sources	-	-		
Other sources	No	-		
Decrease of ground water level				
Shallow well (m/year)	0.2			
Deep well (m/year)	0.2			

A. Pourashava Profile				
Class	B	Sanitation coverage		
Division	Sylhet	Latrine with septic tank (%)	61.0	
District	Sylhet	Water sealed slab latrine (%)	25.0	
Year established	2001	Water-related diseases		, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	022356173-74, 75	Technical staff (Nos.)	6	
E-mail		Financial statements (2010/2011)	0	
Population (FY2010/2011)	35,235	Annual budget (Tk)	18,957,000	
Nos. of households (FY2010/2011)	6,886	Revenue (Tk)	10,319,918	
Literacy (%)	59.0	Expenditure (Tk)	11,595,818	
Land area (km ²)	24.0	Computerization		Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical
Residential area (km ²)	10.8	Committee formed		
Residential area pop. density (persons/ha)	33	TLCC /Frequency of meeting	Yes, 3 months	
Electricity coverage (%)	98.0	WATSAN/Frequency of meeting	Yes, 6 months	
Electricity availability (hrs)				
Summer	20			
Winter	22			
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.)	0	
Water meter	Yes	Arsenic contaminated water supply (%)	0	
Reasons	The wastage will be controlled by pourashava by using water meter	Unhygienic drinking water (%)	0	
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	3	
Average household income/month (Tk)	30,000	Problems in non-piped water supply area		Water level in the STW is low., Water contains more iron.
Affordability for piped water (Tk/month)	300			
Affordable price in total household income (%)	1.00			
2. Exiting Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	1	0	10	
Shallow well	6,000	95	70	
Deep well	10	5	5	
Ponds	15	0	15	
Other sources	0	0	0	
3. Potential Water Sources for Non-Piped Water Supply System				
Potential water sources	Evaluation	WQ problems		
Shallow well	Moderate	High conc. of iron		
Deep well	Moderate	Less conc. of iron		
Surface water sources	Moderate	Turbid water		
Other sources	No	-		
Decrease of ground water level				
Shallow well (m/year)	0.1			
Deep well (m/year)	0.2			

A. Pourashava Profile																		
Class	B	Sanitation coverage																
Division	Dhaka	Latrine with septic tank (%)	20.0															
District	Faridpur	Water sealed slab latrine (%)	50															
Year established	2000	Water-related diseases	, Diarrhea, , , Dysentery,															
Contact Tel/Fax	06324-56413, 01715268897	Technical staff (Nos.)	2															
E-mail		Financial statements (2010/2011)	0															
Population (FY2010/2011)	27,953	Annual budget (Tk)	322,225,000															
Nos. of households (FY2010/2011)	5,471	Revenue (Tk)	8,265,000															
Literacy (%)	44.8	Expenditure (Tk)	8,077,500															
Land area (km ²)	13.6	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,															
Residential area (km ²)	9.5	Committee formed																
Residential area pop. density (persons/ha)	29	TLCC /Frequency of meeting	Yes, 3 months															
Electricity coverage (%)	80	WATSAN/Frequency of meeting	No															
Electricity availability (hrs)																		
Summer	10																	
Winter	18																	
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.)	2															
Water meter	Yes	Arsenic contaminated water supply (%)	0															
Reasons	House holder satisfaction to pay For water bill.	Unhygienic drinking water (%)	2															
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	25															
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	People are not getting safe drinking water, Most of the people several times drinks unhygienic water															
Affordability for piped water (Tk/month)	150	3. Potential Water Sources for Non-Piped Water Supply System																
Affordable price in total household income (%)	1.5	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>Inorganic materials</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron	Deep well	Moderate	Iron	Surface water sources	None	Inorganic materials	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	High	Iron																
Deep well	Moderate	Iron																
Surface water sources	None	Inorganic materials																
Other sources	No	-																
2. Existing Water Sources in Non-Piped Water Supply Area																		
		Decrease of ground water level																
		Shallow well (m/year)	0.3															
		Deep well (m/year)	0.3															

A. Pourashava Profile																		
Class	B	Sanitation coverage																
Division	Rangpur	Latrine with septic tank (%)	30.0															
District	Panchagarh	Water sealed slab latrine (%)	50.0															
Year established	2001	Water-related diseases	, Diarrhea, , , Dysentery,															
Contact Tel/Fax	Tel: 05653-56144	Technical staff (Nos.)	5															
E-mail	bodapourashava@gmail.com	Financial statements (2010/2011)	0															
Population (FY2010/2011)	21,490	Annual budget (Tk)	16,716,458															
Nos. of households (FY2010/2011)	3,761	Revenue (Tk)	8,095,925															
Literacy (%)	65.0	Expenditure (Tk)	12,970,000															
Land area (km ²)	14.3	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, , ,															
Residential area (km ²)	6.5	Committee formed																
Residential area pop. density (persons/ha)	33	TLCC /Frequency of meeting	Yes, Once in a year															
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No															
Electricity availability (hrs)																		
Summer	4																	
Winter	20																	
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	No	Arsenic contaminated water supply (%)	Do not know															
Reasons	Flate rate will be acceptable for people to pay monthly bill.	Unhygienic drinking water (%)	Do not know															
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	0															
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Water level decline in Boro season,															
Affordability for piped water (Tk/month)	3,000	3. Potential Water Sources for Non-Piped Water Supply System																
Affordable price in total household income (%)	3.00	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>High</td> <td>Iron is some area</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron in small quantity</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>Pollution in dry season</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron is some area	Deep well	High	Iron in small quantity	Surface water sources	None	Pollution in dry season	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	High	Iron is some area																
Deep well	High	Iron in small quantity																
Surface water sources	None	Pollution in dry season																
Other sources	No	-																
2. Existing Water Sources in Non-Piped Water Supply Area																		
		Decrease of ground water level																
		Shallow well (m/year)	0.5															
		Deep well (m/year)	0.5															

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	40.0
District	Natore	Water sealed slab latrine (%)	50.0
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07723-56046	Technical staff (Nos.)	9
E-mail	mayorbonpara@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	22,349	Annual budget (Tk)	98,916,182
Nos. of households (FY2010/2011)	4,220	Revenue (Tk)	9,758,091
Literacy (%)	77.0	Expenditure (Tk)	9,713,000
Land area (km ²)	6.9	Computerization	, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	3.1	Committee formed	
Residential area pop. density (persons/ha)	71	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	20		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- For accuracy of bill preparation for consumed water supply. - It will help us to improve the revenue income.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	25
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Water level down in dry season,
Affordability for piped water (Tk/month)	125		
Affordable price in total household income (%)	1.25		

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,500	100	95
Deep well	0	0	0
Ponds	0	0	5
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	N
Deep well	-	-
Surface water sources	-	-
Other sources	Yes	-

Decrease of ground water level

Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20.0
District	Feni	Water sealed slab latrine (%)	0.0
Year established	2006	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	03322-78301	Technical staff (Nos.)	2
E-mail	cagalnaiyapourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	51,000	Annual budget (Tk)	16,884,097
Nos. of households (FY2010/2011)	8,970	Revenue (Tk)	15,286,634
Literacy (%)	68.0	Expenditure (Tk)	16,963,034
Land area (km ²)	28.0	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	7.0	Committee formed	
Residential area pop. density (persons/ha)	73	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	20		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	20
Reasons	For accurate water reading, Prevent misuse of water.	Unhygienic drinking water (%)	10-15
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	25
Average household income/month (Tk)	8,000	Problems in non-piped water supply area	35
Affordability for piped water (Tk/month)	500		Iron, Arsenic, Aquifer goes downward.
Affordable price in total household income (%)	6.25		

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	200	75	10
Deep well	65	25	5
Ponds	352	0	70
Other sources	20	0	5

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron, Arsenic
Deep well	High	Iron
Surface water sources	Moderate	Unhygienic
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	40.0
District	Cox's Bazar	Water sealed slab latrine (%)	45.0
Year established	1994	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	03422-56129	Technical staff (Nos.)	8
E-mail	chakariapourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	118,530	Annual budget (Tk)	118,350,000
Nos. of households (FY2010/2011)	10,686	Revenue (Tk)	16,931,088
Literacy (%)	70.0	Expenditure (Tk)	14,172,913
Land area (km ²)	15.4	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, , ,
Residential area (km ²)	6.9	Committee formed	
Residential area pop. density (persons/ha)	171	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	85.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	2		
Winter	10		

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 (%)	Do not know
Water meter	Yes			Unhygienic drinking water (%)	Do not know
Reasons	To prevent wasting water.			% of people using neighbor's well for drinking	15
				Problems in non-piped water supply area	Iron contains on ground water in poura area., Sometimes some tubewells do not work(Mechanical troubles such as filter and leber disturbance etc).
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	10,000				
Affordability for piped water (Tk/month)	350				
Affordable price in total household income (%)	3.50				
2. Existing Water Sources in Non-Piped Water Supply Area					
Source	Nos. of source	Drinking (%)	Domestic (%)		
River	1	0	10		
Shallow well	340	85	75		
Deep well	120	15	12		
Ponds	12	0	3		
Other sources	0	0	0		
				Decrease of ground water level	
				Shallow well (m/year)	0.6
				Deep well (m/year)	0.4

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron
Deep well	High	Iron
Surface water sources	Moderate	Less problem
Other sources	No	-

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	2.0
District	Khulna	Water sealed slab latrine (%)	83.0
Year established	2004	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	Tel: 04023-56060, 56069	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	20,669	Annual budget (Tk)	14,027,402
Nos. of households (FY2010/2011)	3,848	Revenue (Tk)	6,231,000
Literacy (%)	68.0	Expenditure (Tk)	13,752,840
Land area (km ²)	9.5	Computerization	, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	5.2	Committee formed	
Residential area pop. density (persons/ha)	40	TLCC /Frequency of meeting	No
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	18		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply				Main treatment method in domestic	, , , Filtration
Necessity of				As contaminated wells (Nos.)	0
Piped water	Yes			Arsenic contaminated water supply (%)	0
Water meter	Yes			Unhygienic drinking water (%)	5
Reasons	To control water consumption because fresh water is very expensive.			% of people using neighbor's well for drinking	3
				Problems in non-piped water supply area	Excess chloride, Iron, Bacteria,
Affordability (answered by pourashava staff)				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 (%)	4.00				
2. Existing Water Sources in Non-Piped Water Supply Area					
Source	Nos. of source	Drinking (%)	Domestic (%)		
River	2	1	10		
Shallow well	134	5	10		
Deep well	1	5	1		
Ponds	250	5	79		
Other sources	322	85	1		
				Decrease of ground water level	
				Shallow well (m/year)	0.2
				Deep well (m/year)	Not known

Potential water sources	Evaluation	WQ problems
Shallow well	-	-
Deep well	-	-
Surface water sources	High	Water contain high saline & high turbidity
Other sources	Yes	-

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	21.0
District	Chittagong	Water sealed slab latrine (%)	66.0
Year established	2002	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	03033-56237	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	63,485	Annual budget (Tk)	12,920,000
Nos. of households (FY2010/2011)	7,421	Revenue (Tk)	10,175,000
Literacy (%)	68.3	Expenditure (Tk)	9,151,000
Land area (km ²)	17.1	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	9.2	Committee formed	
Residential area pop. density (persons/ha)	69	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	91.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	6		
Winter	10		
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.)	, Boiling, , Filtration No
Water meter	Yes	Arsenic contaminated water supply (%)	No
Reasons	To use supply water perfectly and control misuse of water.	Unhygienic drinking water (%)	10
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	0
Average household income/month (Tk)	11,000	Problems in non-piped water supply area	Ironic, Deep and Shallow wells are contaminated by human waste.
Affordability for piped water (Tk/month)	660		
Affordable price in total household income (%)	6.00		
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 (%)
River	0	0	0
Shallow well	120	20	80
Deep well	60	80	10
Ponds	100	0	10
Other sources	0	0	0
		Potential water sources	Evaluation
		Shallow well	Moderate
		Deep well	High
		Surface water sources	None
		Other sources	No
			WQ problems
			Ironic
			Fe, Mn
			No
			-
		Decrease of ground water level	
		Shallow well (m/year)	1.0
		Deep well (m/year)	0.5
			0.0

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	35.0
District	Noakhali	Water sealed slab latrine (%)	50.0
Year established	34700	Water-related diseases	Arsenicosis, Diarrhea, , , Dysentery,
Contact Tel/Fax	03222-75015	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	60,000	Annual budget (Tk)	185,864,137
Nos. of households (FY2010/2011)	6,079	Revenue (Tk)	54,184,572
Literacy (%)	86.0	Expenditure (Tk)	48,440,000
Land area (km ²)	14.0	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	1.8	Committee formed	
Residential area pop. density (persons/ha)	343	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	14		
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.)	None, Boiling, , 1,500
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	Properly use water, not spoil water	Unhygienic drinking water (%)	Do not know
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	25
Average household income/month (Tk)	15,000	Problems in non-piped water supply area	Arsenic, iron high. Safe water is not available,
Affordability for piped water (Tk/month)	400		
Affordable price in total household income (%)	2.67		
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 (%)
River	1	0	0
Shallow well	3,000	85	67
Deep well	0	15	10
Ponds	600	0	20
Other sources	0	0	3
		Potential water sources	Evaluation
		Shallow well	None
		Deep well	High
		Surface water sources	High
		Other sources	Yes
			WQ problems
			Arsenic & Iron
			Iron
			Pollution
			-
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	13.0
District	Sunamgonj	Water sealed slab latrine (%)	51.0
Year established	1997	Water-related diseases	Arsenicosis, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	08723 - 56255	Technical staff (Nos.)	10
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	60,250	Annual budget (Tk)	157,830,000
Nos. of households (FY2010/2011)	4,696	Revenue (Tk)	14,840,367
Literacy (%)	80.0	Expenditure (Tk)	15,653,144
Land area (km ²)	13.0	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly
Residential area (km ²)	5.2	Committee formed	
Residential area pop. density (persons/ha)	116	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	18		
Winter	21		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes
Water meter	Yes
Reasons	Because the peoples of pourashava are almost economically solvent to pay water meter bills. Meter connection helps pourashava to control water wastage & conveniently collect the revenue from the water users.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	15,000
Affordability for piped water (Tk/month)	150
Affordable price in total household income (%)	1.00

Main treatment method in domestic	, Boiling, , Filtration
As contaminated wells (Nos.)	342
Arsenic contaminated water supply (%)	21
Unhygienic drinking water (%)	15
% of people using neighbor's well for drinking	20
Problems in non-piped water supply area	Ground water contains high conc. Fe & As, Water demand is not cover the whole pourashava.

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Fe & As
Deep well	Moderate	Fe
Surface water sources	High	Turbid water in rainy season.
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.4
Deep well (m/year)	0.2

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	10	40
Shallow well	1,660	67	40
Deep well	15	21	10
Ponds	60	0	5
Other sources	3	2	5

Chouddagram**A. Pourashava Profile**

Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	80.0
District	Comilla	Water sealed slab latrine (%)	5.0
Year established	2003	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery, Y (Iron problem)
Contact Tel/Fax	802056390	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	37,962	Annual budget (Tk)	13,800,000
Nos. of households (FY2010/2011)	7,722	Revenue (Tk)	7,722,740
Literacy (%)	65.0	Expenditure (Tk)	5,777,950
Land area (km ²)	18.4	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly
Residential area (km ²)	11.0	Committee formed	
Residential area pop. density (persons/ha)	34	TLCC /Frequency of meeting	Yes, 2 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	15		
Winter	18		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes
Water meter	Yes
Reasons	Minimise wastage of water, Providing reading system
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	10,000
Affordability for piped water (Tk/month)	300
Affordable price in total household income (%)	3.00

Main treatment method in domestic	, Boiling, , Filtration
As contaminated wells (Nos.)	Do not know
Arsenic contaminated water supply (%)	Do not know
Unhygienic drinking water (%)	Do not know
% of people using neighbor's well for drinking	30
Problems in non-piped water supply area	Iron,

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	N
Deep well	High	N
Surface water sources	-	-
Other sources	Yes	-

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	4,330	85	45
Deep well	6	15	5
Ponds	250	0	50
Other sources	0	0	0

A. Pourashava Profile			
Class	A		Sanitation coverage
Division	Chittagong		Latrine with septic tank (%)
District	Feni		Water sealed slab latrine (%)
Year established	2000		Water-related diseases
Contact Tel/Fax	03323-79288, 79388, Fax: 03323-79088		Arsenicosis, Diarrhea, , , , Y (Iron problem)
E-mail	dagonbhuiyanpourashava@gmail.com		Technical staff (Nos.)
Population (FY2010/2011)	40,095		Financial statements (2010/2011)
Nos. of households (FY2010/2011)	5,054		Annual budget (Tk)
Literacy (%)	80.0		Revenue (Tk)
Land area (km ²)	12.9		Expenditure (Tk)
Residential area (km ²)	4.3		Computerization
Residential area pop. density (persons/ha)	93		Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly
Electricity coverage (%)	90.0		Committee formed
Electricity availability (hrs)			TLCC /Frequency of meeting
Summer	15		WATSAN/Frequency of meeting
Winter	20		
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	For prevent misuse of water. To know exact water consumption and development of billing system.		Arsenic contaminated water supply (%)
Affordability (answered by pourashava staff)			Unhygienic drinking water (%)
Average household income/month (Tk)	10,000		% of people using neighbor's well for drinking
Affordability for piped water (Tk/month)	500		Problems in non-piped water supply area
Affordable price in total household income (%)	5.00		Arsenic, Salty water, Bad smell
2. Existing Water Sources in Non-Piped Water Supply Area			
	Source	Nos. of source	Drinking (%)
	River	2	0
	Shallow well	12	60
	Deep well	3	34
	Ponds	90	6
	Other sources	0	0
			Domestic (%)
			25
			40
			20
			15
			0
3. Potential Water Sources for Non-Piped Water Supply System			
	Potential water sources	Evaluation	WQ problems
	Shallow well	Moderate	Arsenic, Salty
	Deep well	High	Bad smell
	Surface water sources	-	-
	Other sources	No	-
	Decrease of ground water level		
	Shallow well (m/year)	Not known	
	Deep well (m/year)	Not known	

A. Pourashava Profile			
Class	B		Sanitation coverage
Division	Khulna		Latrine with septic tank (%)
District	Chuadanga		Water sealed slab latrine (%)
Year established	1991		Water-related diseases
Contact Tel/Fax	Tel: 07632-51053		Arsenicosis, Diarrhea, , , Dysentery,
E-mail			Technical staff (Nos.)
Population (FY2010/2011)	41,075		Financial statements (2010/2011)
Nos. of households (FY2010/2011)	6,867		Annual budget (Tk)
Literacy (%)	65.0		Revenue (Tk)
Land area (km ²)	12.5		Expenditure (Tk)
Residential area (km ²)	8.1		Computerization
Residential area pop. density (persons/ha)	51		, , , , Rate schedule and estimate preparation, Engineering, , ,
Electricity coverage (%)	72.0		Committee formed
Electricity availability (hrs)			TLCC /Frequency of meeting
Summer	8		WATSAN/Frequency of meeting
Winter	4		
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	- Consumers pay the bill according to water volume consumed. - To collect actual revenue from the public.		Arsenic contaminated water supply (%)
Affordability (answered by pourashava staff)			Unhygienic drinking water (%)
Average household income/month (Tk)	12,000		% of people using neighbor's well for drinking
Affordability for piped water (Tk/month)	Do not know		Problems in non-piped water supply area
Affordable price in total household income (%)	Do not know		Arsenic contaminated water, In the dry season not enough water supply.
2. Existing Water Sources in Non-Piped Water Supply Area			
	Source	Nos. of source	Drinking (%)
	River	0	0
	Shallow well	4,500	100
	Deep well	0	0
	Ponds	0	0
	Other sources	0	0
			Domestic (%)
			2
			96
			0
			2
			0
3. Potential Water Sources for Non-Piped Water Supply System			
	Potential water sources	Evaluation	WQ problems
	Shallow well	None	Iron, Arsenic
	Deep well	-	-
	Surface water sources	-	-
	Other sources	Yes	-
	Decrease of ground water level		
	Shallow well (m/year)	2.0	
	Deep well (m/year)	Not known	

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	25.0
District	Comilla	Water sealed slab latrine (%)	25.0
Year established	2002	Water-related diseases	Arsenicosis, Diarrhea, , , Dysentery, Y (Iron problem)
Contact Tel/Fax	08808024-53143	Technical staff (Nos.)	5
E-mail	debidwarpourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	51,718	Annual budget (Tk)	14,915,000
Nos. of households (FY2010/2011)	9,500	Revenue (Tk)	14,818,500
Literacy (%)	70.0	Expenditure (Tk)	14,818,500
Land area (km ²)	18.6	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	4.7	Committee formed	
Residential area pop. density (persons/ha)	111	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	20		

D. Non-Piped Water Supply Area																		
1. Necessity of Piped Water Supply		3. Potential Water Sources for Non-Piped Water Supply System																
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration															
Water meter	Yes	As contaminated wells (Nos.)	Do not know															
Reasons	For proper water reading.	Arsenic contaminated water supply (%)	Do not know															
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	Do not know															
Average household income/month (Tk)	10,000	% of people using neighbor's well for drinking	Do not know															
Affordability for piped water (Tk/month)	500	Problems in non-piped water supply area	Arsenic(Reported by pourashava), Iron															
Affordable price in total household income (%)	5.00																	
2. Exiting Water Sources in Non-Piped Water Supply Area		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Not known</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>not known</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>Unhygienic(polluted by human waste)</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Not known	Deep well	High	not known	Surface water sources	None	Unhygienic(polluted by human waste)	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	Moderate	Not known																
Deep well	High	not known																
Surface water sources	None	Unhygienic(polluted by human waste)																
Other sources	No	-																
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	1	0	3															
Shallow well	500	90	7															
Deep well	2	10	5															
Ponds	100	0	85															
Other sources	0	0	0															
		Decrease of ground water level																
		Shallow well (m/year)	Not known															
		Deep well (m/year)	Not known															

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	60.0
District	Sunamgonj	Water sealed slab latrine (%)	30.0
Year established	1999	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	08724-56488	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	35537	Annual budget (Tk)	59,520,138
Nos. of households (FY2010/2011)	3421	Revenue (Tk)	9,520,138
Literacy (%)	45.0	Expenditure (Tk)	6,670,900
Land area (km ²)	6.5	Computerization
Residential area (km ²)	3.6	Committee formed	
Residential area pop. density (persons/ha)	99	TLCC /Frequency of meeting	No
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	12		

D. Non-Piped Water Supply Area																		
1. Necessity of Piped Water Supply		3. Potential Water Sources for Non-Piped Water Supply System																
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration															
Water meter	Yes	As contaminated wells (Nos.)	0															
Reasons	- To solve their water demand - They have ability to pay water meter bill.	Arsenic contaminated water supply (%)	0															
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	10															
Average household income/month (Tk)	15,000	% of people using neighbor's well for drinking	20															
Affordability for piped water (Tk/month)	200	Problems in non-piped water supply area	Water contains iron on STW, Shortage of pure water poura peple suffering water borne dissesas															
Affordable price in total household income (%)	1.33																	
2. Exiting Water Sources in Non-Piped Water Supply Area		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Deep well</td> <td>Do not know</td> <td>Do not know</td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>No problem</td> </tr> <tr> <td>Other sources</td> <td>Yes</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron	Deep well	Do not know	Do not know	Surface water sources	High	No problem	Other sources	Yes	-
Potential water sources	Evaluation	WQ problems																
Shallow well	High	Iron																
Deep well	Do not know	Do not know																
Surface water sources	High	No problem																
Other sources	Yes	-																
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	1	10	40															
Shallow well	125	80	30															
Deep well	0	0	0															
Ponds	60	10	30															
Other sources	0	0	0															
		Decrease of ground water level																
		Shallow well (m/year)	0.3															
		Deep well (m/year)	Not known															

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20.0
District	Jamalpur	Water sealed slab latrine (%)	75.0
Year established	1999	Water-related diseases	Arsenicosis, , , Typhoid, ,
Contact Tel/Fax	0982375145,01711629509	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	50,000	Annual budget (Tk)	32,873,249
Nos. of households (FY2010/2011)	8,529	Revenue (Tk)	23,852,604
Literacy (%)	70.0	Expenditure (Tk)	20,038,704
Land area (km ²)	20.0	Computerization	, , , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	7.0	Committee formed	
Residential area pop. density (persons/ha)	71	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	12		

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.)	None, , , 3
Water meter	Yes	Arsenic contaminated water supply (%)	3
Reasons	- To save water and collect the actual bill - To know the amount of non-revenue water.	Unhygienic drinking water (%)	10
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20
Average household income/month (Tk)	5,000	Problems in non-piped water supply area	Arsenic, Iron (Fe), The water level in their shallow tubewells is declining during dry period.
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	2.00		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	4,500	95	85
Deep well	1	5	8
Ponds	20	0	7
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Arsenic, Iron (Fe)
Deep well	High	No problem
Surface water sources	-	-
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	0.3
Deep well (m/year)	0.5

Dhamirhat**A. Pourashava Profile**

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	60.0
District	Naogaon	Water sealed slab latrine (%)	30.0
Year established	2004	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 0724-56076	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	14,567	Annual budget (Tk)	25,448,874
Nos. of households (FY2010/2011)	3,046	Revenue (Tk)	13,602,779
Literacy (%)	65.0	Expenditure (Tk)	18,562,595
Land area (km ²)	11.2	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical
Residential area (km ²)	5.6	Committee formed	
Residential area pop. density (persons/ha)	26	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, Once a year
Electricity availability (hrs)			
Summer	16		
Winter	20		

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.)	None, , , None
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	For wastage reduction & billing as per meter, water meter installation required.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Few water available in hand tube well in dry season.,
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	2.00		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,500	100	100
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	High	Iron
Deep well	High	No Iron
Surface water sources	No data	No data
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	0.3 - 0.5
Deep well (m/year)	0.3 - 0.5

A. Pourashava Profile				
Class	B	Sanitation coverage		
Division	Dhaka	Latrine with septic tank (%)	28.0	
District	Dhaka	Water sealed slab latrine (%)	35.0	
Year established	1999	Water-related diseases	Arsenicosis, , , , ,	
Contact Tel/Fax	0622271078	Technical staff (Nos.)	11	
E-mail		Financial statements (2010/2011)	0	
Population (FY2010/2011)	125,000	Annual budget (Tk)	81,914,279	
Nos. of households (FY2010/2011)	6,200	Revenue (Tk)	23,223,687	
Literacy (%)	44.0	Expenditure (Tk)	29,265,287	
Land area (km ²)	7.0	Computerization	Holding tax management, Accounting, Trade license, Salary payment, , , , ,	
Residential area (km ²)	3.8	Committee formed		
Residential area pop. density (persons/ha)	326	TLCC /Frequency of meeting	Yes, 4 months	
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No	
Electricity availability (hrs)				
Summer	14			
Winter	16-18			
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.)	Boiling, ,	0
Water meter	Yes	Arsenic contaminated water supply (%)		0
Reasons	Using limited water	Unhygienic drinking water (%)		5
		% of people using neighbor's well for drinking		15
		Problems in non-piped water supply area	Water disease, because water is not safe, Miss use of water. We use lots of water	
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System		
Average household income/month (Tk)	20,000	Potential water sources	Evaluation	WQ problems
Affordability for piped water (Tk/month)	ND	Shallow well	High	-
Affordable price in total household income (%)	1.00	Deep well	High	Fair
2. Exiting Water Sources in Non-Piped Water Supply Area				
		Surface water sources	None	Dirty water
		Other sources	No	-
		Decrease of ground water level		
		Shallow well (m/year)	2.0	
		Deep well (m/year)	Not known	
2. Exiting Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	1	0	60	
Shallow well	3,000	45	10	
Deep well	N/A	40	10	
Ponds	25	5	15	
Other sources	0	10	5	

A. Pourashava Profile				
Class	B	Sanitation coverage		
Division	Dhaka	Latrine with septic tank (%)	7.0	
District	Tangail	Water sealed slab latrine (%)	92.0	
Year established	1996	Water-related diseases	Arsenicosis, Diarrhea, , Typhoid, ,	
Contact Tel/Fax	01712851867	Technical staff (Nos.)	6	
E-mail	mayordhanbari@gmail.com	Financial statements (2010/2011)	0	
Population (FY2010/2011)	36,008	Annual budget (Tk)	31,046,453	
Nos. of households (FY2010/2011)	7,073	Revenue (Tk)	11,229,320	
Literacy (%)	70.0	Expenditure (Tk)	7,866,000	
Land area (km ²)	24.9	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,	
Residential area (km ²)	6.5	Committee formed		
Residential area pop. density (persons/ha)	56	TLCC /Frequency of meeting	Yes, 3 months	
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No	
Electricity availability (hrs)				
Summer	6			
Winter	14			
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.)	None, , ,	4
Water meter	Yes	Arsenic contaminated water supply (%)		1
Reasons	- To save water from wastage. - To collect actual bill.	Unhygienic drinking water (%)		5
		% of people using neighbor's well for drinking		5
		Problems in non-piped water supply area	Excessive dissolved iron & Arsenic in shallow well., Lowering of ground water level during dry season.	
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System		
Average household income/month (Tk)	6,000	Potential water sources	Evaluation	WQ problems
Affordability for piped water (Tk/month)	200	Shallow well	None	Arsenic and iron
Affordable price in total household income (%)	3.30	Deep well	High	No problem
2. Exiting Water Sources in Non-Piped Water Supply Area				
		Surface water sources	-	-
		Other sources	No	-
		Decrease of ground water level		
		Shallow well (m/year)	0.3	
		Deep well (m/year)	0.5	
2. Exiting Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	0	0	0	
Shallow well	5,500	90	65	
Deep well	8	7	5	
Ponds	122	3	30	
Other sources	0	0	0	

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	10.0
District	Bogra	Water sealed slab latrine (%)	85.0
Year established	2001	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05023-56151	Technical staff (Nos.)	4
E-mail	dhunatpoua.bogra@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	16,996	Annual budget (Tk)	55,748,741
Nos. of households (FY2010/2011)	3,016	Revenue (Tk)	11,830,292
Literacy (%)	70.0	Expenditure (Tk)	8,718,920
Land area (km ²)	5.9	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	1.8	Committee formed	
Residential area pop. density (persons/ha)	96	TLCC /Frequency of meeting	Yes, 3 months (not regular coordinating meeting)
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 3 months (not regular meeting)
Electricity availability (hrs)			
Summer	10		
Winter	18		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	(i) Ensure the proper use of water, (ii) To identify quantity of water used for billing, (iii) To estimate water not billed, (iv) To save loss etc.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	10,000
Affordability for piped water (Tk/month)	200
Affordable price in total household income (%)	2.00

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	0	5
Shallow well	1,692	100	95
Deep well	0	0	0
Ponds	5	0	0
Other sources	0	0	0

Main treatment method in domestic As contaminated wells (Nos.)	None, , ,
Arsenic contaminated water supply (%)	0
Unhygienic drinking water (%)	3
% of people using neighbor's well for drinking	30
Problems in non-piped water supply area	The depth of hand pump is not sufficient, More iron

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	More iron, low discharge in summer season
Deep well	-	-
Surface water sources	Moderate	-Bacteria contaminated- Turbidity high
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.2
Deep well (m/year)	Not known

Dhupchachia

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	30.0
District	Bogra	Water sealed slab latrine (%)	60.0
Year established	2000	Water-related diseases	, , , , Dysentery,
Contact Tel/Fax	Tel: 05024-51094	Technical staff (Nos.)	10
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	31,325	Annual budget (Tk)	146,249,831
Nos. of households (FY2010/2011)	4,626	Revenue (Tk)	28,604,904
Literacy (%)	73.0	Expenditure (Tk)	28,367,000
Land area (km ²)	10.3	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	5.2	Committee formed	
Residential area pop. density (persons/ha)	60	TLCC /Frequency of meeting	Yes, 3 months (not regular coordinating meeting)
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	- Analysis of water consumption - Proper water bill - Quantity of water supply - Ensure the proper use of water Leakage, problem identify
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	7,000
Affordability for piped water (Tk/month)	100
Affordable price in total household income (%)	1.45

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	1,850	100	75
Deep well	0	0	0
Ponds	35	0	25
Other sources	0	0	0

Main treatment method in domestic As contaminated wells (Nos.)	None, , ,
Arsenic contaminated water supply (%)	0
Unhygienic drinking water (%)	5
% of people using neighbor's well for drinking	10
Problems in non-piped water supply area	Low discharge in summer season, Problem of low water table in dry season

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	High	Less iron
Deep well	-	-
Surface water sources	-	-
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.2
Deep well (m/year)	Not known

A. Pourashava Profile				
Class	B			Sanitation coverage
Division	Barisal			Latrine with septic tank (%)
District	Bhola			Water sealed slab latrine (%)
Year established	1998			Water-related diseases
Contact Tel/Fax	04924-56156			
E-mail	doulatkhanpourashava@gmail.com			Technical staff (Nos.)
Population (FY2010/2011)	35,000			Financial statements (2010/2011)
Nos. of households (FY2010/2011)	3,510			Annual budget (Tk)
Literacy (%)	46.1			Revenue (Tk)
Land area (km ²)	2.5			Expenditure (Tk)
Residential area (km ²)	1.4			Computerization
Residential area pop. density (persons/ha)	255			
Electricity coverage (%)	75.0			Committee formed
Electricity availability (hrs)				TLCC /Frequency of meeting
Summer	20			WATSAN/Frequency of meeting
Winter	22			
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	No			Arsenic contaminated water supply (%)
Reasons	Now they need water first			Unhygienic drinking water (%)
				% of people using neighbor's well for drinking
				Problems in non-piped water supply area
Affordability (answered by pourashava staff)				
Average household income/month (Tk)	10,000			
Affordability for piped water (Tk/month)	250			
Affordable price in total household income (%)	2.50			
2. Exiting Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	0	0	0	
Shallow well	30	0	10	
Deep well	250	100	60	
Ponds	100	0	25	
Other sources	2	0	5	
3. Potential Water Sources for Non-Piped Water Supply System				
Potential water sources	Evaluation	WQ problems		
Shallow well	Moderate	Iron and Salinity		
Deep well	High	No problem		
Surface water sources	Moderate	Polluted and few salinity		
Other sources	No	-		
Decrease of ground water level				
Shallow well (m/year)	Not known			
Deep well (m/year)	Not known			

A. Pourashava Profile				
Class	C			Sanitation coverage
Division	Dhaka			Latrine with septic tank (%)
District	Netrakona			Water sealed slab latrine (%)
Year established	1994			Water-related diseases
Contact Tel/Fax	09525-56100/ 01748 964326			
E-mail				Technical staff (Nos.)
Population (FY2010/2011)	26,990			Financial statements (2010/2011)
Nos. of households (FY2010/2011)	4,136			Annual budget (Tk)
Literacy (%)	75.0			Revenue (Tk)
Land area (km ²)	9.8			Expenditure (Tk)
Residential area (km ²)	5.4			Computerization
Residential area pop. density (persons/ha)	50			
Electricity coverage (%)	70.0			Committee formed
Electricity availability (hrs)				TLCC /Frequency of meeting
Summer	20			WATSAN/Frequency of meeting
Winter	23			
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	Water Meter should be installed and all will pay the bill accordingly.			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)				
Average household income/month (Tk)	10,000			
Affordability for piped water (Tk/month)	250			
Affordable price in total household income (%)	2.50			
2. Exiting Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	1	5	10	
Shallow well	500	94	65	
Deep well	0	0	0	
Ponds	25	1	25	
Other sources	5	0	0	
3. Potential Water Sources for Non-Piped Water Supply System				
Potential water sources	Evaluation	WQ problems		
Shallow well	Moderate	Iron		
Deep well	-	Do not know		
Surface water sources	Moderate	contaminated by garbage		
Other sources	No	-		
Decrease of ground water level				
Shallow well (m/year)	Not known			
Deep well (m/year)	Not known			

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	15.0
District	Rajshahi	Water sealed slab latrine (%)	43.0
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 077224-56135, Fax: 56135	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	26,821	Annual budget (Tk)	17,505,535
Nos. of households (FY2010/2011)	5,572	Revenue (Tk)	4,713,315
Literacy (%)	67.0	Expenditure (Tk)	3,478,690
Land area (km ²)	25.6	Computerization	, , , , Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	11.5	Committee formed	
Residential area pop. density (persons/ha)	23	TLCC /Frequency of meeting	No
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	22		

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.)	None
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- As known to consumed water volume. - As actual revenue income from water section and reduced of waste water.	Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	70
		Problems in non-piped water supply area	Iron, N

Affordability (answered by pourashava staff)

Average household income/month (Tk)	10,000
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according
Affordable price in total household income (%)	0.00

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	N
Deep well	-	-
Surface water sources	-	-
Other sources	Yes	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	10
Shallow well	1,500	100	60
Deep well	0	0	0
Ponds	0	0	30
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	16.0
Deep well (m/year)	Not known

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20.0
District	Tangail	Water sealed slab latrine (%)	45.0
Year established	2011	Water-related diseases	Arsenicosis, Diarrhea, , , ,
Contact Tel/Fax	01712133240	Technical staff (Nos.)	5
E-mail	ellengapourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	55,000	Annual budget (Tk)	New pourashava
Nos. of households (FY2010/2011)	10,211	Revenue (Tk)	New pourashava
Literacy (%)	80.0	Expenditure (Tk)	New pourashava
Land area (km ²)	23.2	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , Procurement,
Residential area (km ²)	10.9	Committee formed	
Residential area pop. density (persons/ha)	50	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	20		

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.)	None
Water meter	Yes	Arsenic contaminated water supply (%)	5
Reasons	Control the use of water	Unhygienic drinking water (%)	10
		% of people using neighbor's well for drinking	15
		Problems in non-piped water supply area	Arsenic, Iron, Water table declining

Affordability (answered by pourashava staff)

Average household income/month (Tk)	12,000
Affordability for piped water (Tk/month)	200
Affordable price in total household income (%)	1.66

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Arsenic, Iron
Deep well	High	No problem
Surface water sources	None.	Turbidity
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	9,560	98	50
Deep well	3	2	10
Ponds	230	0	30
Other sources	1	0	10

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	25.0
District	Chittagong	Water sealed slab latrine (%)	40.0
Year established	2011	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	36,550	Annual budget (Tk)	Not yet prepared
Nos. of households (FY2010/2011)	Not yet counted	Revenue (Tk)	
Literacy (%)	40.0	Expenditure (Tk)	
Land area (km ²)	25.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	10.0	Committee formed	
Residential area pop. density (persons/ha)	36	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	60.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	6		
Winter	16		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	To prevent from misuse of water.To know exact water consumption.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	12,000
Affordability for piped water (Tk/month)	360
Affordable price in total household income (%)	3.00

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	5
Shallow well	494	80	45
Deep well	25	20	20
Ponds	0	0	30
Other sources	0	0	0

Main treatment method in domestic As contaminated wells (Nos.)	None, , , 0
Arsenic contaminated water supply (%)	Do not know
Unhygienic drinking water (%)	Do not know
% of people using neighbor's well for drinking	15
Problems in non-piped water supply area	Non water pipe supply area & this pourashava water contains iron., During summer season we get less water from the shallow tubewell

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron
Deep well	Moderate	Iron
Surface water sources	Moderate	Turbidity
Other sources	No	-
Decrease of ground water level		
Shallow well (m/year)	0.3	
Deep well (m/year)	0.1	
	0.0	

Fhulbaria

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	4.9
District	Mymensingh	Water sealed slab latrine (%)	43.7
Year established	2001	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	0902373007	Technical staff (Nos.)	4
E-mail	wadud_sec@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	47,500	Annual budget (Tk)	72,894,821
Nos. of households (FY2010/2011)	6,124	Revenue (Tk)	12,197,564
Literacy (%)	85.0	Expenditure (Tk)	10,079,284
Land area (km ²)	15.8	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, , , Procurement,
Residential area (km ²)	2.9	Committee formed	
Residential area pop. density (persons/ha)	162	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	Save water,reduce the wastage of water and know the non revenue of water.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	9,000
Affordability for piped water (Tk/month)	90
Affordable price in total household income (%)	1.00

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	6,063	95	74
Deep well	64	5	10
Ponds	80	0	16
Other sources	0	0	0

Main treatment method in domestic As contaminated wells (Nos.)	None, , , 0
Arsenic contaminated water supply (%)	0
Unhygienic drinking water (%)	0
% of people using neighbor's well for drinking	10
Problems in non-piped water supply area	Declination of Ground water level day by day,

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	High	No problem
Deep well	High	No problem
Surface water sources	-	-
Other sources	No	-
Decrease of ground water level		
Shallow well (m/year)	0.0	
Deep well (m/year)	0.0	

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20.0
District	Mymensingh	Water sealed slab latrine (%)	40.0
Year established	1999	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	09025-56218	Technical staff (Nos.)	8
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	38,973	Annual budget (Tk)	45,520,000
Nos. of households (FY2010/2011)	4,744	Revenue (Tk)	44,405,668
Literacy (%)	80.0	Expenditure (Tk)	40,520,000
Land area (km ²)	5.3	Computerization	, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	2.4	Committee formed	
Residential area pop. density (persons/ha)	162	TLCC /Frequency of meeting	No
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	12		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	To protect misuse of water	Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	5
		Problems in non-piped water supply area	Declination of ground water level,
Affordability (answered by pourashava staff)			
Average household income/month (Tk)	12,000		
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	1.67		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	High	No
Deep well	-	Do not know
Surface water sources	-	-
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,982	100	100
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	60.0
District	Meherpur	Water sealed slab latrine (%)	35.0
Year established	2001	Water-related diseases	Arsenicosis, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel : 07922-75357, Fax : 07922-75399	Technical staff (Nos.)	6
E-mail	gangnipourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	40,530	Annual budget (Tk)	59,412,189
Nos. of households (FY2010/2011)	5,285	Revenue (Tk)	5,586,212
Literacy (%)	75.0	Expenditure (Tk)	4,865,132
Land area (km ²)	17.1	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	7.7	Committee formed	
Residential area pop. density (persons/ha)	53	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	Do not know	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	20		
Winter	22		

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.)	None, , ,
Water meter	No	Arsenic contaminated water supply (%)	561
Reasons	Meter repair should be arranged.	Unhygienic drinking water (%)	11
		% of people using neighbor's well for drinking	Do not know
		Problems in non-piped water supply area	10
Affordability (answered by pourashava staff)			Arsenic contaminated water, Iron
Average household income/month (Tk)	9,000		
Affordability for piped water (Tk/month)	Do not know		
Affordable price in total household income (%)	Not yet came for estimation		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Arsenic
Deep well	-	-
Surface water sources	-	-
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	4,700	100	100
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	1.5
Deep well (m/year)	Not known

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	25.0
District	Tangail	Water sealed slab latrine (%)	55.0
Year established	1998	Water-related diseases	Arsenicosis, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	0922556145; 01712094121	Technical staff (Nos.)	1
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	26,375	Annual budget (Tk)	82,215,461
Nos. of households (FY2010/2011)	5,700	Revenue (Tk)	17,864,690
Literacy (%)	65.0	Expenditure (Tk)	14,900,653
Land area (km ²)	11.0	Computerization	, , , , , , Yearly logical budget preparation, Procurement,
Residential area (km ²)	5.0	Committee formed	
Residential area pop. density (persons/ha)	53	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	15		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	2
Reasons	- To save water and collect the actual bill - To know the amount of non-revenue water	Unhygienic drinking water (%)	10
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	3
Average household income/month (Tk)	6,000	Problems in non-piped water supply area	Arsenic, Iron
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	3.30		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	water contains Arsenic & Iron.
Deep well	High	Iron
Surface water sources	-	-
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,500	93	80
Deep well	2	5	3
Ponds	20	2	17
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	0.5
Deep well (m/year)	1.0

Ghoraghat

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	15.0
District	Dinajpur	Water sealed slab latrine (%)	80.0
Year established	2005	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 0532-856172	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	21,384	Annual budget (Tk)	38,281,699
Nos. of households (FY2010/2011)	4,630	Revenue (Tk)	4,784,000
Literacy (%)	80.0	Expenditure (Tk)	3,112,240
Land area (km ²)	18.6	Computerization	, , , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	7.5	Committee formed	
Residential area pop. density (persons/ha)	29	TLCC /Frequency of meeting	No
Electricity coverage (%)	60.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	16		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	- To calculate the revenue water - Ensure the proper use of water - To identify the quantity of water supply - Leakage problem identify.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	1
Average household income/month (Tk)	12,000	Problems in non-piped water supply area	25
Affordability for piped water (Tk/month)	100		More Iron, The depth of hand pump is not sufficient
Affordable price in total household income (%)	0.83		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	More Iron
Deep well	None	More Iron
Surface water sources	-	-
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	0
Shallow well	4,000	100	100
Deep well	30	0	0
Ponds	100	0	0
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	0.0
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	0.1
District	Rajbari	Water sealed slab latrine (%)	22.7
Year established	2000	Water-related diseases	, , , , Dysentery,
Contact Tel/Fax	Tel : 0642156244	Technical staff (Nos.)	10
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	24,890	Annual budget (Tk)	25,977,000
Nos. of households (FY2010/2011)	4,398	Revenue (Tk)	15,268,525
Literacy (%)	55.0	Expenditure (Tk)	11,977,000
Land area (km ²)	4.9	Computerization	Holding tax management, Accounting, , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	1.2	Committee formed	
Residential area pop. density (persons/ha)	206	TLCC /Frequency of meeting	No
Electricity coverage (%)	72.9	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	15		
Winter	20		

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.)	, , , Filtration 150																								
Water meter	No	Arsenic contaminated water supply (%)	0																								
Reasons	Because they want to pay a fixed amount.	Unhygienic drinking water (%)	0																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	10																								
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Iron, Arsenic																								
Affordability for piped water (Tk/month)	50	3. Potential Water Sources for Non-Piped Water Supply System																									
Affordable price in total household income (%)	0.5	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Iron</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>No problem</td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>No problem</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Iron	Deep well	High	No problem	Surface water sources	High	No problem	Other sources	No	-									
Potential water sources	Evaluation	WQ problems																									
Shallow well	Moderate	Iron																									
Deep well	High	No problem																									
Surface water sources	High	No problem																									
Other sources	No	-																									
2. Existing Water Sources in Non-Piped Water Supply Area																											
<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>1</td> <td>2</td> <td>50</td> </tr> <tr> <td>Shallow well</td> <td>3,000</td> <td>96</td> <td>40</td> </tr> <tr> <td>Deep well</td> <td>1</td> <td>1</td> <td>0</td> </tr> <tr> <td>Ponds</td> <td>25</td> <td>1</td> <td>10</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Source	Nos. of source	Drinking (%)	Domestic (%)	River	1	2	50	Shallow well	3,000	96	40	Deep well	1	1	0	Ponds	25	1	10	Other sources	0	0	0
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		Deep well (m/year)	1.5																								

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	19.0
District	Gaibandha	Water sealed slab latrine (%)	56.0
Year established	1998	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05423-75157	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	40,676	Annual budget (Tk)	83,675,000
Nos. of households (FY2010/2011)	9,182	Revenue (Tk)	10,550,000
Literacy (%)	65.0	Expenditure (Tk)	9,663,301
Land area (km ²)	12.7	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6.4	Committee formed	
Residential area pop. density (persons/ha)	64	TLCC /Frequency of meeting	Yes, 3 months (Not regular)
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 3 months (Not regular)
Electricity availability (hrs)			
Summer	16		
Winter	20		

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.)	None, , , No information																								
Water meter	Yes	Arsenic contaminated water supply (%)	0																								
Reasons	- To calculate the revenue water - Ensure the proper use of water - To identify the quantity of water supply - Leakage, problem identify.	Unhygienic drinking water (%)	No data																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	0																								
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Iron is some area, Thhe depth of hand pump is not sufficient																								
Affordability for piped water (Tk/month)	150	3. Potential Water Sources for Non-Piped Water Supply System																									
Affordable price in total household income (%)	1.50	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>High</td> <td>Iron is some area</td> </tr> <tr> <td>Deep well</td> <td>-</td> <td>-</td> </tr> <tr> <td>Surface water sources</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron is some area	Deep well	-	-	Surface water sources	-	-	Other sources	No	-									
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Deep well	0	0	0																								
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Other sources	0	0	0																								
		Decrease of ground water level																									
		Shallow well (m/year)	0.2																								
		Deep well (m/year)	Not known																								

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30.0
District	Narayanganj	Water sealed slab latrine (%)	45.0
Year established	2012	Water-related diseases	Arsenicosis, Diarrhea, , , ,
Contact Tel/Fax	01711044465	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	55,000	Annual budget (Tk)	New pourashava
Nos. of households (FY2010/2011)	5,483	Revenue (Tk)	New pourashava
Literacy (%)	63.0	Expenditure (Tk)	New pourashava
Land area (km ²)	12.5	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , , ,
Residential area (km ²)	3.7	Committee formed	
Residential area pop. density (persons/ha)	147	TLCC /Frequency of meeting	No
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	20		

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.)	, Boiling, , Filtration 100
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	1.To prevent wastage of water. 2. Collecting revenue properly. 3. Optimizing electric bill.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	30
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Ground water level is declining day by day., Iron, Arsenic.
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	1.50		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Arsenic & Iron
Deep well	High	No problem
Surface water sources	Moderate	Industrial waste & floating organic
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.3
Deep well (m/year)	0.3

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	3,000	40	60
Deep well	50	60	20
Ponds	30	0	10
Other sources	0	0	0

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	35.0
District	Natore	Water sealed slab latrine (%)	45.0
Year established	1999	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	Tel: 07725-75050	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	25,331	Annual budget (Tk)	162,416,500
Nos. of households (FY2010/2011)	3,702	Revenue (Tk)	6,855,500
Literacy (%)	53.0	Expenditure (Tk)	6,450,000
Land area (km ²)	16.2	Computerization	, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	8.9	Committee formed	
Residential area pop. density (persons/ha)	29	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	8		
Winter	20		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- To save water and reduce waste in household. - By knowing how much water we produced and how much water delivered to customers.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	25
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Few water available in hand tube well in dry season., Problem of low water table in dry season
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	1.50		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	N
Deep well	-	-
Surface water sources	-	-
Other sources	Yes	-

Decrease of ground water level	
Shallow well (m/year)	2.0
Deep well (m/year)	Not known

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	3
Shallow well	4,700	100	87
Deep well	0	0	0
Ponds	0	0	10
Other sources	0	0	0

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30.0
District	Shariatpur	Water sealed slab latrine (%)	65.0
Year established	2011	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, ,
Contact Tel/Fax	01716918967	Technical staff (Nos.)	0
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	35,000	Annual budget (Tk)	
Nos. of households (FY2010/2011)	5,000	Revenue (Tk)	
Literacy (%)	65.0	Expenditure (Tk)	
Land area (km ²)	40.0	Computerization
Residential area (km ²)	20.0	Committee formed	
Residential area pop. density (persons/ha)	18	TLCC /Frequency of meeting	No
Electricity coverage (%)	60.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	5		
Winter	10		
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.)	, Boiling, , Filtration 1,000
Water meter	Yes	Arsenic contaminated water supply (%)	5
Reasons	- To collect actual revenue of water - To check wastage of water.	Unhygienic drinking water (%)	5
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	95
Average household income/month (Tk)	8,000	Problems in non-piped water supply area	Arsenic, Iron, Saline,
Affordability for piped water (Tk/month)	125	3. Potential Water Sources for Non-Piped Water Supply System	
Affordable price in total household income (%)	1.56		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	5
Shallow well	1,000	5	60
Deep well	120	95	5
Ponds	35	0	30
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	3.0
		Deep well (m/year)	3.1
		3. Potential Water Sources for Non-Piped Water Supply System	
		Potential water sources	Evaluation
		Shallow well	None
		Deep well	Moderate
		Surface water sources	High
		Other sources	No
			WQ problems
			Arsenic, Iron, Saline
			Iron, Saline
			Inorganic Material
			-

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	5.0
District	Noakhali	Water sealed slab latrine (%)	10.0
Year established	2005	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	1713625313	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	46,141	Annual budget (Tk)	1,825,310
Nos. of households (FY2010/2011)	8,725	Revenue (Tk)	1,624,750
Literacy (%)	60.0	Expenditure (Tk)	1,544,700
Land area (km ²)	35.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , Procurement,
Residential area (km ²)	10.5	Committee formed	
Residential area pop. density (persons/ha)	44	TLCC /Frequency of meeting	No
Electricity coverage (%)	10.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	7		
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.)	, Boiling, , Filtration Do not know
Water meter	No	Arsenic contaminated water supply (%)	10
Reasons	First their demand for piped water supply.	Unhygienic drinking water (%)	30
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	30
Average household income/month (Tk)	5,000	Problems in non-piped water supply area	Arsenic, Salt, Iron
Affordability for piped water (Tk/month)	200	3. Potential Water Sources for Non-Piped Water Supply System	
Affordable price in total household income (%)	4.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	0	0	0
Deep well	290	70	30
Ponds	50	30	60
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known
		3. Potential Water Sources for Non-Piped Water Supply System	
		Potential water sources	Evaluation
		Shallow well	-
		Deep well	Moderate
		Surface water sources	None
		Other sources	No
			WQ problems
			Salt, Arsenic, Iron
			Salt
			-

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	20.0
District	Dinajpur	Water sealed slab latrine (%)	60.0
Year established	1999	Water-related diseases	, , , , Dysentery,
Contact Tel/Fax	Tel: 05329-75056	Technical staff (Nos.)	3
E-mail	shilpy.hili@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	27,025	Annual budget (Tk)	85,517,067
Nos. of households (FY2010/2011)	5,564	Revenue (Tk)	3,736,294
Literacy (%)	67.0	Expenditure (Tk)	3,350,315
Land area (km ²)	16.2	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6.2	Committee formed	
Residential area pop. density (persons/ha)	44	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	16		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply				3. Potential Water Sources for Non-Piped Water Supply System																																								
Necessity of Piped water	Yes	Main treatment method in domestic As contaminated wells (Nos.)	0	None, , ,																																								
Water meter	No	Arsenic contaminated water supply (%)	0	0																																								
Reasons	N	Unhygienic drinking water (%)	10	10																																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	10	10																																								
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	In Irri-Boro season, water not available in Shallow tube well,	In Irri-Boro season, water not available in Shallow tube well,																																								
Affordability for piped water (Tk/month)	200																																											
Affordable price in total household income (%)	2.00																																											
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				Shallow well (m/year)																																								
				1.0																																								
				Deep well (m/year)																																								
				1.0																																								

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	5.0
District	Rangpur	Water sealed slab latrine (%)	70.0
Year established	1989	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	75,600	Annual budget (Tk)	15,540,933
Nos. of households (FY2010/2011)	5,073	Revenue (Tk)	8,718,811
Literacy (%)	36.0	Expenditure (Tk)	8,521,284
Land area (km ²)	16.3	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	7.3	Committee formed	
Residential area pop. density (persons/ha)	104	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	18		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply				3. Potential Water Sources for Non-Piped Water Supply System																																								
Necessity of Piped water	No	Main treatment method in domestic As contaminated wells (Nos.)	300-400	None, , ,																																								
Water meter	No	Arsenic contaminated water supply (%)	5	300-400																																								
Reasons		Unhygienic drinking water (%)	No data	No data																																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	10	10																																								
Average household income/month (Tk)	5,000	Problems in non-piped water supply area	Iron is some area, The depth of hand pump is not enough	Iron is some area, The depth of hand pump is not enough																																								
Affordability for piped water (Tk/month)	100																																											
Affordable price in total household income (%)	2.00																																											
2. Existing Water Sources in Non-Piped Water Supply Area																																												
<table border="1"> <thead> <tr> <th>Source</th><th>Nos. of source</th><th>Drinking (%)</th><th>Domestic (%)</th></tr> </thead> <tbody> <tr> <td>River</td><td>1</td><td>0</td><td>0</td></tr> <tr> <td>Shallow well</td><td>4,000</td><td>100</td><td>95</td></tr> <tr> <td>Deep well</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td>Ponds</td><td>15</td><td>0</td><td>5</td></tr> <tr> <td>Other sources</td><td>0</td><td>0</td><td>0</td></tr> </tbody> </table>				Source	Nos. of source	Drinking (%)	Domestic (%)	River	1	0	0	Shallow well	4,000	100	95	Deep well	0	0	0	Ponds	15	0	5	Other sources	0	0	0	<table border="1"> <thead> <tr> <th>Potential water sources</th><th>Evaluation</th><th>WQ problems</th></tr> </thead> <tbody> <tr> <td>Shallow well</td><td>High</td><td>Iron is some area</td></tr> <tr> <td>Deep well</td><td>-</td><td>-</td></tr> <tr> <td>Surface water sources</td><td>-</td><td>-</td></tr> <tr> <td>Other sources</td><td>No</td><td>-</td></tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron is some area	Deep well	-	-	Surface water sources	-	-	Other sources	No	-
Source	Nos. of source	Drinking (%)	Domestic (%)																																									
River	1	0	0																																									
Shallow well	4,000	100	95																																									
Deep well	0	0	0																																									
Ponds	15	0	5																																									
Other sources	0	0	0																																									
Potential water sources	Evaluation	WQ problems																																										
Shallow well	High	Iron is some area																																										
Deep well	-	-																																										
Surface water sources	-	-																																										
Other sources	No	-																																										
				Decrease of ground water level																																								
				Shallow well (m/year)																																								
				0.2																																								
				Deep well (m/year)																																								
				Not known																																								

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	15.0
District	Jhenidah	Water sealed slab latrine (%)	50.0
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel : 04522-74084, Fax : None	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	29,144	Annual budget (Tk)	46,440,369
Nos. of households (FY2010/2011)	4,744	Revenue (Tk)	7,488,684
Literacy (%)	65.0	Expenditure (Tk)	5,437,000
Land area (km ²)	12.4	Computerization	, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	7.5	Committee formed	
Residential area pop. density (persons/ha)	39	TLCC /Frequency of meeting	No
Electricity coverage (%)	60.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	12		
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.)	None, , , Do not know
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	- To save water and reduce waste in household. - For actual bill preparation and actual water consumption.	Unhygienic drinking water (%)	Do not know
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	15
Average household income/month (Tk)	12,000	Problems in non-piped water supply area	In dry season water table problem is encountered in few shallow tube wells,
Affordability for piped water (Tk/month)	Do not know		
Affordable price in total household income (%)	Do not know		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	0	20
Shallow well	3,000	100	80
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	None	No problem	
Deep well	-	-	
Surface water sources	-	-	
Other sources	Yes	-	
Decrease of ground water level			
Shallow well (m/year)	2.0		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20.0
District	Comilla	Water sealed slab latrine (%)	51.0
Year established	2002	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	08025-54216	Technical staff (Nos.)	8
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	28,947	Annual budget (Tk)	44,916,556
Nos. of households (FY2010/2011)	5,762	Revenue (Tk)	11,316,126
Literacy (%)	53.0	Expenditure (Tk)	14,509,629
Land area (km ²)	11.7	Computerization	, , , , , Engineering, , Procurement,
Residential area (km ²)	0.9	Committee formed	
Residential area pop. density (persons/ha)	309	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 2 months
Electricity availability (hrs)			
Summer	20		
Winter	22		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	Yes	As contaminated wells (Nos.)	Do not know
Reasons	To minimize wastage of water, To know the accurate volume of water what they will use.	Arsenic contaminated water supply (%)	55
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	4
Average household income/month (Tk)	5,000	% of people using neighbor's well for drinking	45
Affordability for piped water (Tk/month)	150	Problems in non-piped water supply area	Arsenic, Iron
Affordable price in total household income (%)	3.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	3	35
Shallow well	2,500	77	50
Deep well	68	15	9
Ponds	2	1	1
Other sources	10	4	5
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	Arsenic	
Deep well	Moderate	Iron	
Surface water sources	High	No problem	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	Not known		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	9.0
District	Bogra	Water sealed slab latrine (%)	81.0
Year established	2002	Water-related diseases	, , , , Dysentery,
Contact Tel/Fax	TI: 05026-56028	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	23,039	Annual budget (Tk)	15,494,647
Nos. of households (FY2010/2011)	3,145	Revenue (Tk)	5,590,000
Literacy (%)	75.0	Expenditure (Tk)	5,120,000
Land area (km ²)	6.8	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	2.1	Committee formed	
Residential area pop. density (persons/ha)	112	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	5		
Winter	20		
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.)	None, , , Not yet done any test
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- Analysis of water consumption - Proper water bill/collection - Internal problem identification	Unhygienic drinking water (%)	3
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	5
Average household income/month (Tk)	6,000	Problems in non-piped water supply area	Low discharge in dry season (WT is high),
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1.67		
2. Exiting Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,578	100	75
Deep well	0	0	0
Ponds	20	0	25
Other sources	0	0	0
		3. Potential Water Sources for Non-Piped Water Supply System	
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	Little iron but acceptable limit	
Deep well	-	-	
Surface water sources	-	-	
Other sources	No	-	
		Decrease of ground water level	
		Shallow well (m/year)	1.0
		Deep well (m/year)	Not known

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	15.0
District	Godagari	Water sealed slab latrine (%)	70.0
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07234-51005, Fax: 07234-57052	Technical staff (Nos.)	8
E-mail	kakonhatpourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	18,515	Annual budget (Tk)	115,019,400
Nos. of households (FY2010/2011)	3,318	Revenue (Tk)	11,697,000
Literacy (%)	56.0	Expenditure (Tk)	16,736,108
Land area (km ²)	20.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	4.0	Committee formed	
Residential area pop. density (persons/ha)	46	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	10		
Winter	20		
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.)	None, , , None
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- To save water as waste water. - To calculate bill consumed water.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	50
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Water level down about 6 m, In sufficient quantity of Shallow tube well
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according to gov't/Pourashava rate.		
Affordable price in total household income (%)	0.00		
2. Exiting Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	517	90	70
Deep well	11	10	0
Ponds	0	0	30
Other sources	0	0	0
		3. Potential Water Sources for Non-Piped Water Supply System	
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	N	
Deep well	High	N	
Surface water sources	-	-	
Other sources	Yes	-	
		Decrease of ground water level	
		Shallow well (m/year)	6.0
		Deep well (m/year)	Not known

A. Pourashava Profile				
Class	C	Sanitation coverage		
Division	Rajshahi	Latrine with septic tank (%)	30.0	
District	Joypurhat	Water sealed slab latrine (%)	48.0	
Year established	2001 (21 January)	Water-related diseases		, , , , Dysentery,
Contact Tel/Fax	Tel: 05725-56049	Technical staff (Nos.)	4	
E-mail	mosta.hasan@gmail.com	Financial statements (2010/2011)	0	
Population (FY2010/2011)	21,563	Annual budget (Tk)	26,057,563	
Nos. of households (FY2010/2011)	4,131	Revenue (Tk)	5,615,035	
Literacy (%)	83.0	Expenditure (Tk)	5,611,005	
Land area (km ²)	12.9	Computerization		Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical
Residential area (km ²)	5.8	Committee formed		
Residential area pop. density (persons/ha)	37	TLCC /Frequency of meeting	Yes, 3 months	
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 3 months	
Electricity availability (hrs)				
Summer	7			
Winter	16			
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.)	None, , ,	
Water meter	Yes	Arsenic contaminated water supply (%)	0	
Reasons	(i) Ensure the proper use of water, (ii) To identify quantity of water used for billing, (iii) To estimate water not billed, (iv) To save loss etc.	Unhygienic drinking water (%)	3	
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	10	
Average household income/month (Tk)	12,000	Problems in non-piped water supply area		Iron on shallow well (in some portion of Pourashava), Problem of low water table in dry season
Affordability for piped water (Tk/month)	250	3. Potential Water Sources for Non-Piped Water Supply System		
Affordable price in total household income (%)	2.08			
2. Existing Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	1	0	0	
Shallow well	2,300	100	80	
Deep well	0	0	0	
Ponds	150	0	20	
Other sources	0	0	0	
				Decrease of ground water level
				Shallow well (m/year)
				0.3
				Deep well (m/year)
				Not known

A. Pourashava Profile				
Class	A	Sanitation coverage		
Division	Khulna	Latrine with septic tank (%)	25.0	
District	Satkhira	Water sealed slab latrine (%)	45.0	
Year established	1990	Water-related diseases		Arsenicosis, Diarrhea, Cholera, , Dysentery,
Contact Tel/Fax	Tel: 04724-75512, Fax: 04724-75513	Technical staff (Nos.)	3	
E-mail	kalpou@yahoo.com	Financial statements (2010/2011)	0	
Population (FY2010/2011)	31,620	Annual budget (Tk)	24,081,088	
Nos. of households (FY2010/2011)	7,688	Revenue (Tk)	8,224,000	
Literacy (%)	60.0	Expenditure (Tk)	6,598,500	
Land area (km ²)	15.1	Computerization		, , , , Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	5.3	Committee formed		
Residential area pop. density (persons/ha)	60	TLCC /Frequency of meeting	No	
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	Yes, When required	
Electricity availability (hrs)				
Summer	16			
Winter	20			
D. Non-Piped Water Supply Area				
1. Necessity of Piped Water Supply				
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration	
Water meter	No	As contaminated wells (Nos.)	4,000	
Reasons	They don't have idea.	Arsenic contaminated water supply (%)	Survey was not done	
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	Survey was not done	
Average household income/month (Tk)	5,000	% of people using neighbor's well for drinking	40	
Affordability for piped water (Tk/month)	150	Problems in non-piped water supply area		There is no water supply system in Pourashava,
Affordable price in total household income (%)	3.00	3. Potential Water Sources for Non-Piped Water Supply System		
2. Existing Water Sources in Non-Piped Water Supply Area				
Source	Nos. of source	Drinking (%)	Domestic (%)	
River	1	0	3	
Shallow well	4,750	96	67	
Deep well	6	4	0	
Ponds	120	0	30	
Other sources	2	1	0	
				Decrease of ground water level
				Shallow well (m/year)
				0.2
				Deep well (m/year)
				0.2

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20.0
District	Gazipur	Water sealed slab latrine (%)	70.0
Year established	2001	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	0682251904; 01713528034	Technical staff (Nos.)	9
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	680,000	Annual budget (Tk)	64,574,000
Nos. of households (FY2010/2011)	8,153	Revenue (Tk)	48,419,000
Literacy (%)	90.0	Expenditure (Tk)	11,757,000
Land area (km ²)	24.7	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	8.0	Committee formed	
Residential area pop. density (persons/ha)	850	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	12		
Winter	16		

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	It should be metered because of consumer satisfaction & correct revenue collection. Also wastage will be reduce.			% of people using neighbor's well for drinking	45															
Affordability (answered by pourashava staff)				Problems in non-piped water supply area	Iron, Declination of GWL.															
Average household income/month (Tk)	8,000			3. Potential Water Sources for Non-Piped Water Supply System																
Affordability for piped water (Tk/month)	200			<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>Industrial waste</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	High	Iron	Deep well	High	Iron	Surface water sources	Moderate	Industrial waste	Other sources	No	-
Potential water sources	Evaluation	WQ problems																		
Shallow well	High	Iron																		
Deep well	High	Iron																		
Surface water sources	Moderate	Industrial waste																		
Other sources	No	-																		
Affordable price in total household income (%)	2.50			Decrease of ground water level																
2. Existing Water Sources in Non-Piped Water Supply Area				Shallow well (m/year)	0.8															
				Deep well (m/year)	0.8															
Source	Nos. of source	Drinking (%)	Domestic (%)																	
River	0	0	0																	
Shallow well	5,000	30	70																	
Deep well	1,000	70	25																	
Ponds	50	0	5																	
Other sources	0	0	0																	

Kaliganj

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	10.0
District	Gazipur	Water sealed slab latrine (%)	75.0
Year established	2010	Water-related diseases	, Diarrhea, , Typhoid, ,
Contact Tel/Fax	06823-52200, 06825-2199	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	54,926	Annual budget (Tk)	20,037,000
Nos. of households (FY2010/2011)	8,927	Revenue (Tk)	7,407,000
Literacy (%)	55.0	Expenditure (Tk)	5,071,000
Land area (km ²)	20.2	Computerization	, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	12.1	Committee formed	
Residential area pop. density (persons/ha)	45	TLCC /Frequency of meeting	No
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	14		

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	No			Unhygienic drinking water (%)	0															
Reasons				% of people using neighbor's well for drinking	50															
Affordability (answered by pourashava staff)				Problems in non-piped water supply area	Iron, Ground water level declination															
Average household income/month (Tk)	8,000			3. Potential Water Sources for Non-Piped Water Supply System																
Affordability for piped water (Tk/month)	200			<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Arsenic</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>Iron, Saline</td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>Do not know</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Arsenic	Deep well	Moderate	Iron, Saline	Surface water sources	High	Do not know	Other sources	No	-
Potential water sources	Evaluation	WQ problems																		
Shallow well	None	Arsenic																		
Deep well	Moderate	Iron, Saline																		
Surface water sources	High	Do not know																		
Other sources	No	-																		
Affordable price in total household income (%)	2.50			Decrease of ground water level																
2. Existing Water Sources in Non-Piped Water Supply Area				Shallow well (m/year)	0.8															
				Deep well (m/year)	Not known															
Source	Nos. of source	Drinking (%)	Domestic (%)																	
River	1	0	5																	
Shallow well	2,000	98	85																	
Deep well	15	2	0																	
Ponds	9	0	15																	
Other sources	0	0	0																	

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20.0
District	Tangail	Water sealed slab latrine (%)	40.0
Year established	1998	Water-related diseases	Arsenicosis, Diarrhea, , , ,
Contact Tel/Fax	0922-774174; 01718571026	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	35,566	Annual budget (Tk)	24,275,470
Nos. of households (FY2010/2011)	6,605	Revenue (Tk)	9,400,470
Literacy (%)	70.0	Expenditure (Tk)	9,327,970
Land area (km ²)	13.0	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical
Residential area (km ²)	5.9	Committee formed	
Residential area pop. density (persons/ha)	61	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	15		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply				Main treatment method in domestic	None, , ,	
Necessity of				As contaminated wells (Nos.)	150	
Piped water	Yes			Arsenic contaminated water supply (%)	6	
Water meter	Yes			Unhygienic drinking water (%)	25	
Reasons	- To reduce the System loss of water. - To save water.			% of people using neighbor's well for drinking	15	
Affordability (answered by pourashava staff)				Problems in non-piped water supply area	Arsenic , Iron and bacteria in ground water	
Average household income/month (Tk)	7,000			3. Potential Water Sources for Non-Piped Water Supply System		
Affordability for piped water (Tk/month)	100					
Affordable price in total household income (%)	1.42					
2. Existing Water Sources in Non-Piped Water Supply Area						
	Source	Nos. of source	Drinking (%)	Domestic (%)		
	River	0	0	0		
	Shallow well	2,500	98	80		
	Deep well	5	2	5		
	Ponds	100	0	10		
	Other sources	1	0	5		
					Decrease of ground water level	
					Shallow well (m/year)	0.0
					Deep well (m/year)	0.0

Kamalganj

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	3.0
District	Moulavibazar	Water sealed slab latrine (%)	66.0
Year established	1999	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	01715141230	Technical staff (Nos.)	1
E-mail	kamalgonjpourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	18,120	Annual budget (Tk)	51,960,396
Nos. of households (FY2010/2011)	2,685	Revenue (Tk)	3,720,144
Literacy (%)	60.0	Expenditure (Tk)	3,492,396
Land area (km ²)	9.8	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4.4	Committee formed	
Residential area pop. density (persons/ha)	41	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	18		
Winter	20		

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.)	2	
Piped water	Yes			Arsenic contaminated water supply (%)	1	
Water meter	Yes			Unhygienic drinking water (%)	0	
Reasons	They will pay as per bill & amount of non revenue water will also decrease.			% of people using neighbor's well for drinking	10	
Affordability (answered by pourashava staff)				Problems in non-piped water supply area	Ground water contains high conc. Fe & As.,	
Average household income/month (Tk)	15,000			3. Potential Water Sources for Non-Piped Water Supply System		
Affordability for piped water (Tk/month)	250					
Affordable price in total household income (%)	1.67					
2. Existing Water Sources in Non-Piped Water Supply Area						
	Source	Nos. of source	Drinking (%)	Domestic (%)		
	River	1	10	70		
	Shallow well	900	85	29		
	Deep well	1	5	1		
	Ponds	100	0	0		
	Other sources	0	0	0		
					Decrease of ground water level	
					Shallow well (m/year)	0.1
					Deep well (m/year)	0.1

A. Pourashava Profile																											
Class	C	Sanitation coverage																									
Division	Shylhet	Latrine with septic tank (%)	80.0																								
District	Shylhet	Water sealed slab latrine (%)	10.0																								
Year established	25/10/2005	Water-related diseases	Arsenicosis, Diarrhea, , , Dysentery,																								
Contact Tel/Fax	08233-56159	Technical staff (Nos.)	2																								
E-mail		Financial statements (2010/2011)	0																								
Population (FY2010/2011)	20,578	Annual budget (Tk)	10,235,000																								
Nos. of households (FY2010/2011)	4,600	Revenue (Tk)	947,010																								
Literacy (%)	45.0	Expenditure (Tk)	1,713,269																								
Land area (km ²)	18.9	Computerization																								
Residential area (km ²)	5.7	Committee formed																									
Residential area pop. density (persons/ha)	36	TLCC /Frequency of meeting	No																								
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No																								
Electricity availability (hrs)																											
Summer	18																										
Winter	20																										
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.)	None, , , 120																								
Water meter	No	Arsenic contaminated water supply (%)	50																								
Reasons	Pura staffs and Mayors, other counciler discussed the tariff rate. They are planning to apply flat tariff rats according to diameters.	Unhygienic drinking water (%)	50																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	90																								
Average household income/month (Tk)	8,000	Problems in non-piped water supply area	Arsenic contamination in STWs are high, Low water level in STWs, going down every year.																								
Affordability for piped water (Tk/month)	400	3. Potential Water Sources for Non-Piped Water Supply System																									
Affordable price in total household income (%)	5.00																										
2. Exiting Water Sources in Non-Piped Water Supply Area																											
		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Arsenic/Iron</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Iron contamination, a bit high</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>Turbidity high, muddy water, but no industrial waste.</td> </tr> <tr> <td>Other sources</td> <td>Yes</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Arsenic/Iron	Deep well	High	Iron contamination, a bit high	Surface water sources	Moderate	Turbidity high, muddy water, but no industrial waste.	Other sources	Yes	-									
Potential water sources	Evaluation	WQ problems																									
Shallow well	Moderate	Arsenic/Iron																									
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Other sources	Yes	-																									
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A. Pourashava Profile																											
Class	C	Sanitation coverage																									
Division	Dhaka	Latrine with septic tank (%)	40.0																								
District	Narayanganj	Water sealed slab latrine (%)	60.0																								
Year established	2002	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery, Jondis																								
Contact Tel/Fax	02-9343483,02-9343486	Technical staff (Nos.)	4																								
E-mail	kanchanpourashava@gmail.com	Financial statements (2010/2011)	0																								
Population (FY2010/2011)	70,000	Annual budget (Tk)	136,950,000																								
Nos. of households (FY2010/2011)	8,896	Revenue (Tk)	37,450,000																								
Literacy (%)	60.0	Expenditure (Tk)	36,915,000																								
Land area (km ²)	23.1	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly																								
Residential area (km ²)	9.2	Committee formed																									
Residential area pop. density (persons/ha)	76	TLCC /Frequency of meeting	Yes, 3 months																								
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No																								
Electricity availability (hrs)																											
Summer	18																										
Winter	22																										
D. Non-Piped Water Supply Area																											
1. Necessity of Piped Water Supply																											
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration																								
Water meter	Yes	As contaminated wells (Nos.)	0																								
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	Arsenic contaminated water supply (%)	0																								
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	0																								
Average household income/month (Tk)	12,000	% of people using neighbor's well for drinking	10																								
Affordability for piped water (Tk/month)	200	Problems in non-piped water supply area	Declination of Ground Water Level,water contain high amount oh Iron (Fe), River water pollution																								
Affordable price in total household income (%)	2.00	3. Potential Water Sources for Non-Piped Water Supply System																									
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A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	15.0
District	Kishorganj	Water sealed slab latrine (%)	33.0
Year established	2003	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	0942-756136	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	30,211	Annual budget (Tk)	46,687,211
Nos. of households (FY2010/2011)	4,189	Revenue (Tk)	10,587,211
Literacy (%)	75.0	Expenditure (Tk)	10,587,211
Land area (km ²)	7.9	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement.
Residential area (km ²)	2.0	Committee formed	
Residential area pop. density (persons/ha)	154	TLCC /Frequency of meeting	No
Electricity coverage (%)	30.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	10		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	To reduce wastage and To fix exact tariff rate. They will pay for getting water supply facility	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	12
Average household income/month (Tk)	12,000	Problems in non-piped water supply area	Water contains Iron,
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	0.84		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	600	80	70
Deep well	80	20	10
Ponds	25	0	10
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron
Deep well	High	No problem
Surface water sources	Moderate	Drainage wastage
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	4.5
Deep well (m/year)	4.5

Kasba

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	23.0
District	Brahmanbaria	Water sealed slab latrine (%)	63.0
Year established	2000	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery, Y (Iron problem)
Contact Tel/Fax	852473092	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	55,000	Annual budget (Tk)	79,605,550
Nos. of households (FY2010/2011)	8,744	Revenue (Tk)	11,862,475
Literacy (%)	70.0	Expenditure (Tk)	11,002,309
Land area (km ²)	16.2	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , Procurement,
Residential area (km ²)	7.3	Committee formed	
Residential area pop. density (persons/ha)	75	TLCC /Frequency of meeting	No
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	15		
Winter	20		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	N/A
Reasons	Wastage of water. Providing reading system to the consumers.	Unhygienic drinking water (%)	N/A
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	5
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Iron related problem, Human Waste
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	2.00		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	410	60	30
Deep well	80	40	20
Ponds	120	0	40
Other sources	12	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Negligible Iron
Deep well	Moderate	-
Surface water sources	None	Unhygienic
Other sources	Yes	-

Decrease of ground water level

Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	15.0
District	Netrakona	Water sealed slab latrine (%)	20.0
Year established	1998	Water-related diseases	, Diarrhea, , ,
Contact Tel/Fax	09528 56057/ 01712 517030	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	23,386	Annual budget (Tk)	33,053,697
Nos. of households (FY2010/2011)	4,500	Revenue (Tk)	8,445,927
Literacy (%)	55.0	Expenditure (Tk)	7,187,700
Land area (km ²)	13.3	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, , , ,
Residential area (km ²)	4.0	Committee formed	
Residential area pop. density (persons/ha)	58	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	15		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	To reduce misuse of water. Customer will pay as per bill.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	15
Average household income/month (Tk)	8,000	Problems in non-piped water supply area	Iron,
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	2.50		
2. Existing Water Sources in Non-Piped Water Supply Area			
		3. Potential Water Sources for Non-Piped Water Supply System	
		Potential water sources	Evaluation
		Shallow well	Moderate
		Deep well	High
		Surface water sources	High
		Other sources	No
			WQ problems
			Iron
			No problem
			No problem
			-
		Decrease of ground water level	
		Shallow well (m/year)	0.5
		Deep well (m/year)	0.5
Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	0	10
Shallow well	1,850	100	80
Deep well	0	0	0
Ponds	120	0	0
Other sources	0	0	10

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	40.0
District	Jessore	Water sealed slab latrine (%)	40.0
Year established	1998	Water-related diseases	, Diarrhea, , , , Dysentery,
Contact Tel/Fax	Tel : 04226-56256, Fax : 04226-56256	Technical staff (Nos.)	4
E-mail	kpourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	25,876	Annual budget (Tk)	43,260,000
Nos. of households (FY2010/2011)	6,110	Revenue (Tk)	12,960,000
Literacy (%)	80.0	Expenditure (Tk)	12,714,000
Land area (km ²)	No data	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, , , ,
Residential area (km ²)	No data	Committee formed	
Residential area pop. density (persons/ha)	-	TLCC /Frequency of meeting	No
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	14		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	729
Reasons	- For accuracy of billing system - Calculate the actual water consumption.	Unhygienic drinking water (%)	90 (Old data sheets)
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	Do not know
Average household income/month (Tk)	15,000	Problems in non-piped water supply area	90
Affordability for piped water (Tk/month)	Do not know		In sufficient water supply, Too much arsenic contaminated in Shallow tube well
Affordable price in total household income (%)	Do not know		
2. Existing Water Sources in Non-Piped Water Supply Area			
		3. Potential Water Sources for Non-Piped Water Supply System	
		Potential water sources	Evaluation
		Shallow well	None
		Deep well	High
		Surface water sources	None
		Other sources	Yes
			WQ problems
			Arsenic
			-
			N
			-
		Decrease of ground water level	
		Shallow well (m/year)	2.0
		Deep well (m/year)	Not known
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	15
Shallow well	729	0	75
Deep well	39	100	0
Ponds	0	0	10
Other sources	0	0	0

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	15.0
District	Rajshahi	Water sealed slab latrine (%)	65.0
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07226-56056	Technical staff (Nos.)	6
E-mail	mayor-alo@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	20,142	Annual budget (Tk)	21,615,028
Nos. of households (FY2010/2011)	4,452	Revenue (Tk)	10,484,392
Literacy (%)	65.0	Expenditure (Tk)	9,403,158
Land area (km ²)	15.9	Computerization	, , , , Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	6.8	Committee formed	
Residential area pop. density (persons/ha)	30	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	18		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	To save the water and reduce of NRW.

Affordability (answered by pourashava staff)

Average household income/month (Tk)	10,000
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according to their income
Affordable price in total household income (%)	0.00

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	5
Shallow well	2,400	90	90
Deep well	0	8	0
Ponds	0	0	5
Other sources	26	2	0

Main treatment method in domestic	None, , ,
As contaminated wells (Nos.)	No data
Arsenic contaminated water supply (%)	0
Unhygienic drinking water (%)	0
% of people using neighbor's well for drinking	45
Problems in non-piped water supply area	About water level declining is (10-15) m down,

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	N
Deep well	-	-
Surface water sources	None	By human waste water
Other sources	Yes	-

Decrease of ground water level	
Shallow well (m/year)	14.0
Deep well (m/year)	Not known

Khatlal

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	15.0
District	Joypurhat	Water sealed slab latrine (%)	55.0
Year established	2010 (9th December)	Water-related diseases	, , , , Dysentery,
Contact Tel/Fax	Mob: 01716-038304	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	25,572	Annual budget (Tk)	12,730,315
Nos. of households (FY2010/2011)	Not yet, 4,500 (approx)	Revenue (Tk)	2,730,315
Literacy (%)	75.0	Expenditure (Tk)	0 (UNO-Upazila Nirbahi Officer was in
Land area (km ²)	16.5	Computerization	, , , , , Yearly logical budget preparation, ,
Residential area (km ²)	5.8	Committee formed	
Residential area pop. density (persons/ha)	44	TLCC /Frequency of meeting	No
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	No
Reasons	

Affordability (answered by pourashava staff)

Average household income/month (Tk)	9,000
Affordability for piped water (Tk/month)	200
Affordable price in total household income (%)	2.22

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	0
Shallow well	2,700	100	80
Deep well	0	0	0
Ponds	150	0	20
Other sources	0	0	0

Main treatment method in domestic	None, , ,
As contaminated wells (Nos.)	No data
Arsenic contaminated water supply (%)	No data
Unhygienic drinking water (%)	No data
% of people using neighbor's well for drinking	20
Problems in non-piped water supply area	More Iron, The depth of hand pump is not sufficient

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	High Iron
Deep well	-	-
Surface water sources	None	No problem
Other sources	Yes	-

Decrease of ground water level	
Shallow well (m/year)	0.3
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	31.0
District	Kushtia	Water sealed slab latrine (%)	47.0
Year established	2001	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07024-56251, Fax : 07024-56251	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	30,700	Annual budget (Tk)	47,575,907
Nos. of households (FY2010/2011)	4,980	Revenue (Tk)	11,016,200
Literacy (%)	70.0	Expenditure (Tk)	7,983,241
Land area (km ²)	12.4	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement.
Residential area (km ²)	3.7	Committee formed	
Residential area pop. density (persons/ha)	83	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	10		
Winter	14		

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.)	None, , , 0															
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know															
Reasons	When water supply system will be start by piped water then should be installed water meter in each consumers connection for accuracy of billing and actual revenue income.	Unhygienic drinking water (%)	Do not know															
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	40															
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	- Agriculture insecticide - Contamination By wastage desposal,															
Affordability for piped water (Tk/month)	200	3. Potential Water Sources for Non-Piped Water Supply System																
Affordable price in total household income (%)	Do not know	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>None</td> </tr> <tr> <td>Deep well</td> <td>-</td> <td>-</td> </tr> <tr> <td>Surface water sources</td> <td>High (Contamination is treated)</td> <td>-Agriculture insecticide; Contamination by wastage desposal</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	None	Deep well	-	-	Surface water sources	High (Contamination is treated)	-Agriculture insecticide; Contamination by wastage desposal	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	None	None																
Deep well	-	-																
Surface water sources	High (Contamination is treated)	-Agriculture insecticide; Contamination by wastage desposal																
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	20															
Shallow well	550	100	65															
Deep well	0	0	0															
Ponds	0	0	15															
Other sources	0	0	0															
		Shallow well (m/year)	2.0															
		Deep well (m/year)	Not known															

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	15.0
District	Patuakhali	Water sealed slab latrine (%)	30.0
Year established	2010	Water-related diseases	Arsenicosis, , Cholera, Typhoid, ,
Contact Tel/Fax	442856196	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	50,127	Annual budget (Tk)	
Nos. of households (FY2010/2011)	under process	Revenue (Tk)	
Literacy (%)	25.0	Expenditure (Tk)	
Land area (km ²)	4.3	Computerization	, , , Salary payment, Rate schedule and estimate preparation, , Yearly logical budget preparation, ,
Residential area (km ²)	2.3	Committee formed	
Residential area pop. density (persons/ha)	223	TLCC /Frequency of meeting	No
Electricity coverage (%)	20.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	18		

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.)	None, , , 0															
Water meter	Yes	Arsenic contaminated water supply (%)	0															
Reasons	To save the wastage of water and to know the volume of water consumed.	Unhygienic drinking water (%)	34															
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	60															
Average household income/month (Tk)	7,000	Problems in non-piped water supply area	Polluted and Saline, Fe, Salinity															
Affordability for piped water (Tk/month)	200	3. Potential Water Sources for Non-Piped Water Supply System																
Affordable price in total household income (%)	2.86	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>Saline</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>Fe, Saline</td> </tr> <tr> <td>Surface water sources</td> <td>Moderate</td> <td>Polluted and Saline</td> </tr> <tr> <td>Other sources</td> <td>Yes</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	Saline	Deep well	Moderate	Fe, Saline	Surface water sources	Moderate	Polluted and Saline	Other sources	Yes	-
Potential water sources	Evaluation	WQ problems																
Shallow well	Moderate	Saline																
Deep well	Moderate	Fe, Saline																
Surface water sources	Moderate	Polluted and Saline																
Other sources	Yes	-																
2. Existing Water Sources in Non-Piped Water Supply Area																		
		Decrease of ground water level																
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	1	0	8															
Shallow well	121	85	45															
Deep well	52	10	18															
Ponds	50	4	20															
Other sources	5	1	9															
		Shallow well (m/year)	0.3															
		Deep well (m/year)	0.2															

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	75.0
District	Moulavibazar	Water sealed slab latrine (%)	15.0
Year established	1996	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	08624-56252	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	35,410	Annual budget (Tk)	45,366,875
Nos. of households (FY2010/2011)	2,957	Revenue (Tk)	15,590,766
Literacy (%)	80.0	Expenditure (Tk)	15,259,247
Land area (km ²)	11.3	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4.5	Committee formed	
Residential area pop. density (persons/ha)	79	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	20		
Winter	22		

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.)	, Boiling, , Filtration
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	Water misuse will be controlled and people will pay the bill as per their consumption.	Unhygienic drinking water (%)	5
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	5
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	GWT decline day by day,
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	1.50		

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	700	40	50
Deep well	500	60	40
Ponds	30	0	10
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Iron
Deep well	high	Iron
Surface water sources	-	-
Other sources	Yes	-

Decrease of ground water level

Shallow well (m/year)	0.8
Deep well (m/year)	0.3

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	15.0
District	Kishorganj	Water sealed slab latrine (%)	6.0
Year established	1999	Water-related diseases	Arsenicosis, Diarrhea, , , ,
Contact Tel/Fax	942956077	Technical staff (Nos.)	2
E-mail	kuli.pora@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	44,076	Annual budget (Tk)	20,029,661
Nos. of households (FY2010/2011)	5,961	Revenue (Tk)	12,044,581
Literacy (%)	45.9	Expenditure (Tk)	7,508,000
Land area (km ²)	11.4	Computerization
Residential area (km ²)	4.6	Committee formed	
Residential area pop. density (persons/ha)	97	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	Yes, When the budget is selected
Electricity availability (hrs)			
Summer	7		
Winter	11		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	- To save water and reduce waste in household. -The inhabitant need water for as they pay bill	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	Do not know
Average household income/month (Tk)	7,000	Problems in non-piped water supply area	Arsenic, Iron (Fe),
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1.42		

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,194	100	90
Deep well	0	0	0
Ponds	50	0	10
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Arsenic, Iron (Fe)
Deep well	High	No problem
Surface water sources	High	Do not know
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	0.3
Deep well (m/year)	0.3

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30.0
District	Netrakona	Water sealed slab latrine (%)	35.0
Year established	2000	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	01711-436803	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	20,200	Annual budget (Tk)	51,814,951
Nos. of households (FY2010/2011)	3,500	Revenue (Tk)	8,257,423
Literacy (%)	75.0	Expenditure (Tk)	4,757,000
Land area (km ²)	10.1	Computerization	, , , , Rate schedule and estimate preparation, , Yearly logical budget preparation, Procurement,
Residential area (km ²)	3.0	Committee formed	
Residential area pop. density (persons/ha)	67	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	12		
Winter	18		
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.)	None, , , Do not know
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	To reduce misuse of water. Customer will pay as per bill.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20
Average household income/month (Tk)	8,000	Problems in non-piped water supply area	Iron,
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1.25		
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 (%)
River	1	0	10
Shallow well	2,500	80	65
Deep well	100	20	5
Ponds	20	0	20
Other sources	0	0	0
		Potential water sources	Evaluation
		Shallow well	Moderate
		Deep well	High
		Surface water sources	None
		Other sources	No
			WQ problems
			Iron
			No problem
			No problem
			-
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	4.0
District	Jamalpur	Water sealed slab latrine (%)	30.0
Year established	1999	Water-related diseases	, , , Typhoid, Dysentery,
Contact Tel/Fax	01916469853	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	30,076	Annual budget (Tk)	70,502,748
Nos. of households (FY2010/2011)	7,158	Revenue (Tk)	41,351,374
Literacy (%)	62.0	Expenditure (Tk)	37,920,000
Land area (km ²)	10.8	Computerization	, , , , , Yearly logical budget preparation, ,
Residential area (km ²)	3.8	Committee formed	
Residential area pop. density (persons/ha)	80	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	15		
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.)	None, , , 0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- To save water and collect the actual bill - To know the amount of non-revenue water.	Unhygienic drinking water (%)	5
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	10
Average household income/month (Tk)	6,000	Problems in non-piped water supply area	Iron (Fe). The water level in their shallow tubewells is declining during dry period.
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1.66		
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 (%)
River	0	0	2
Shallow well	6,000	100	90
Deep well	0	0	0
Ponds	350	0	8
Other sources	0	0	0
		Potential water sources	Evaluation
		Shallow well	None
		Deep well	High
		Surface water sources	-
		Other sources	No
			WQ problems
			Iron (Fe)
			No problem
			No problem
			-
		Decrease of ground water level	
		Shallow well (m/year)	0.2
		Deep well (m/year)	0.4

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	21.0
District	Narshingdi	Water sealed slab latrine (%)	45.0
Year established	34517	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	9446303/9446350	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	28,700	Annual budget (Tk)	40,478,152
Nos. of households (FY2010/2011)	3,500	Revenue (Tk)	28,201,379
Literacy (%)	84.0	Expenditure (Tk)	24,511,000
Land area (km ²)	5.1	Computerization	Holding tax management, Accounting, Trade license, , , , , ,
Residential area (km ²)	2.4	Committee formed	
Residential area pop. density (persons/ha)	120	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	20-22		
Winter	23-24		

D. Non-Piped Water Supply Area																		
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, Boiling, ,															
Necessity of Piped water	Yes	As contaminated wells (Nos.)	0															
Water meter	No	Arsenic contaminated water supply (%)	0															
Reasons		Unhygienic drinking water (%)	0															
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	15															
Average household income/month (Tk)	5,417-6,250	Problems in non-piped water supply area	,															
Affordability for piped water (Tk/month)	300	3. Potential Water Sources for Non-Piped Water Supply System																
Affordable price in total household income (%)	4.83-5.54	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>Moderate</td> <td>some Fe problem</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>Good quality</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td>Pollute</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	Moderate	some Fe problem	Deep well	High	Good quality	Surface water sources	None	Pollute	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	Moderate	some Fe problem																
Deep well	High	Good quality																
Surface water sources	None	Pollute																
Other sources	No	-																
2. Existing Water Sources in Non-Piped Water Supply Area																		
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	2	0	5															
Shallow well	1,800	55	75															
Deep well	750	45	15															
Ponds	20-25	0	5															
Other sources	0	0	0															
		Decrease of ground water level																
		Shallow well (m/year)	Not known															
		Deep well (m/year)	Not known															

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	15.0
District	Tangail	Water sealed slab latrine (%)	80
Year established	1995	Water-related diseases	Arsenicosis, Diarrhea, , Typhoid, ,
Contact Tel/Fax	01711511316	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	50,145	Annual budget (Tk)	86,166,171
Nos. of households (FY2010/2011)	10,763	Revenue (Tk)	14,590,000
Literacy (%)	70.0	Expenditure (Tk)	11,035,818
Land area (km ²)	25.62	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement.
Residential area (km ²)	7.68	Committee formed	
Residential area pop. density (persons/ha)	65	TLCC /Frequency of meeting	Yes, 2 months
Electricity coverage (%)	70	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	14		

D. Non-Piped Water Supply Area																		
1. Necessity of Piped Water Supply		Main treatment method in domestic	None, , ,															
Necessity of Piped water	Yes	As contaminated wells (Nos.)	3															
Water meter	Yes	Arsenic contaminated water supply (%)	1															
Reasons	- To save water and collect the actual bill - To know the amount of non-revenue water.	Unhygienic drinking water (%)	10															
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	5															
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Arsenic and iron on shallow well, Lowering of GWL in dry season															
Affordability for piped water (Tk/month)	200	3. Potential Water Sources for Non-Piped Water Supply System																
Affordable price in total household income (%)	2	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Fe & As</td> </tr> <tr> <td>Deep well</td> <td>High</td> <td>No problem</td> </tr> <tr> <td>Surface water sources</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Fe & As	Deep well	High	No problem	Surface water sources	-	-	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	None	Fe & As																
Deep well	High	No problem																
Surface water sources	-	-																
Other sources	No	-																
2. Existing Water Sources in Non-Piped Water Supply Area																		
Source	Nos. of source	Drinking (%)	Domestic (%)															
River	0	0	0															
Shallow well	6,200	95	80															
Deep well	0	0	0															
Ponds	50	5	20															
Other sources	0	0	0															
		Decrease of ground water level																
		Shallow well (m/year)	0.3															
		Deep well (m/year)	0.5															

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	25.0
District	Jessore	Water sealed slab latrine (%)	60.0
Year established	1997	Water-related diseases	, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	04227-78368, 04227-78372	Technical staff (Nos.)	6
E-mail	monirampurpourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	32,495	Annual budget (Tk)	11,019,798
Nos. of households (FY2010/2011)	5,604	Revenue (Tk)	9,635,479
Literacy (%)	82.0	Expenditure (Tk)	8,382,988
Land area (km ²)	16.5	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly
Residential area (km ²)	6.6	Committee formed	
Residential area pop. density (persons/ha)	49	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	18		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	reduce wastage of water, customer will pay the bill regularly, service hour increases, pipe line leak reduce and repair regularly.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	7,000
Affordability for piped water (Tk/month)	180
Affordable price in total household income (%)	2.57

Main treatment method in domestic	None, , ,
As contaminated wells (Nos.)	95
Arsenic contaminated water supply (%)	30
Unhygienic drinking water (%)	0
% of people using neighbor's well for drinking	20
Problems in non-piped water supply area	arsenic, Iron, Salinity problem, Dry season water level down

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	N	As, Fe
Deep well	High	Iron, salinity
Surface water sources	None	Very dirty
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	280	70	50
Deep well	101	30	30
Ponds	3	0	0
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	8.0 - 10.0
Deep well (m/year)	Not known

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	5.0
District	Pirojpur	Water sealed slab latrine (%)	50.0
Year established	1993	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, ,
Contact Tel/Fax	04625-75059	Technical staff (Nos.)	5
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	50,000	Annual budget (Tk)	67,958,000
Nos. of households (FY2010/2011)	8,000	Revenue (Tk)	23,096,059
Literacy (%)	74.0	Expenditure (Tk)	21,458,000
Land area (km ²)	4.0	Computerization	, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	2.0	Committee formed	
Residential area pop. density (persons/ha)	250	TLCC /Frequency of meeting	Yes, Irregular
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	22		
Winter	23		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes
Water meter	Yes
Reasons	GW problem, no rain water harvesting system, people are capable for payment
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	5500-6000
Affordability for piped water (Tk/month)	200-300
Affordable price in total household income (%)	3.64-5

Main treatment method in domestic	, Boiling, Chlorination, Filtration
As contaminated wells (Nos.)	0
Arsenic contaminated water supply (%)	0
Unhygienic drinking water (%)	80
% of people using neighbor's well for drinking	80
Problems in non-piped water supply area	Ground water problem, Salinity problem at surface water

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	N	As, Salinity
Deep well	N	salinity
Surface water sources	Moderate	salinity, mud
Other sources	Yes	-

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	10	30
Shallow well	325	60	20
Deep well	0	0	0
Ponds	300	25	45
Other sources	65	5	5

Decrease of ground water level	
Shallow well (m/year)	2.0
Deep well (m/year)	Not known

A. Pourashava Profile				
Class	C	Sanitation coverage		
Division	Chittagong	Latrine with septic tank (%)	2.0	
District	Khagrachari	Water sealed slab latrine (%)	42.0	
Year established	2002	Water-related diseases	, Diarrhea, , , Dysentery,	
Contact Tel/Fax	1715994265	Technical staff (Nos.)	2	
E-mail		Financial statements (2010/2011)	0	
Population (FY2010/2011)	30,000	Annual budget (Tk)	40,117,820	
Nos. of households (FY2010/2011)	5,071	Revenue (Tk)	6,081,843	
Literacy (%)	35.0	Expenditure (Tk)	5,315,053	
Land area (km ²)	25.5	Computerization	Holding tax management, , Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,	
Residential area (km ²)	7.7	Committee formed		
Residential area pop. density (persons/ha)	39	TLCC /Frequency of meeting	Yes, 4 months	
Electricity coverage (%)	55.0	WATSAN/Frequency of meeting	No	
Electricity availability (hrs)				
Summer	8			
Winter	20			
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.)	None, , , 0	
Water meter	Yes	Arsenic contaminated water supply (%)	0	
Reasons	To minimize wastage of water, To know the accurate volume of water what they will use.	Unhygienic drinking water (%)	5	
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	30	
Average household income/month (Tk)	5,000	Problems in non-piped water supply area	Contain some iron water,	
Affordability for piped water (Tk/month)	150			
Affordable price in total household income (%)	3.00			
2. Exiting Water Sources in Non-Piped Water Supply Area				
	Source	Nos. of source	Drinking (%)	Domestic (%)
	River	0	0	0
	Shallow well	1,205	60	55
	Deep well	88	20	10
	Ponds	10	0	5
	Other sources	72	20	30
3. Potential Water Sources for Non-Piped Water Supply System				
	Potential water sources	Evaluation	WQ problems	
	Shallow well	Moderate	Contain high quantity iron	
	Deep well	Moderate	Contain high quantity iron	
	Surface water sources	-	-	
	Other sources	No	-	
	Decrease of ground water level			
	Shallow well (m/year)	0.3		
	Deep well (m/year)	0.1		

A. Pourashava Profile				
Class	C	Sanitation coverage		
Division	Dhaka	Latrine with septic tank (%)	10.0	
District	Jamalpur	Water sealed slab latrine (%)	30.0	
Year established	1998	Water-related diseases	Arsenicosis, , , Typhoid, ,	
Contact Tel/Fax	09826-56131, 01713031645	Technical staff (Nos.)	9	
E-mail		Financial statements (2010/2011)	0	
Population (FY2010/2011)	52,540	Annual budget (Tk)	45,270,855	
Nos. of households (FY2010/2011)	7,968	Revenue (Tk)	31,632,898	
Literacy (%)	65.0	Expenditure (Tk)	28,010,120	
Land area (km ²)	13.0	Computerization	, , , , , , Yearly logical budget preparation, ,	
Residential area (km ²)	3.9	Committee formed		
Residential area pop. density (persons/ha)	135	TLCC /Frequency of meeting	No	
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No	
Electricity availability (hrs)				
Summer	12			
Winter	16			
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.)	None, , , 10	
Water meter	Yes	Arsenic contaminated water supply (%)	5	
Reasons	- To save water and collect the actual bill - To know the amount of non-revenue water.	Unhygienic drinking water (%)	10	
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	15	
Average household income/month (Tk)	6,000	Problems in non-piped water supply area	Arsenic, Iron (Fe), The water level in their shallow tubewells is declining during dry period.	
Affordability for piped water (Tk/month)	100			
Affordable price in total household income (%)	1.66			
2. Exiting Water Sources in Non-Piped Water Supply Area				
	Source	Nos. of source	Drinking (%)	Domestic (%)
	River	0	0	0
	Shallow well	4,500	98	90
	Deep well	1	2	6
	Ponds	100	0	4
	Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System				
	Potential water sources	Evaluation	WQ problems	
	Shallow well	None	Arsenic, Iron (Fe)	
	Deep well	High	No problem	
	Surface water sources	-	-	
	Other sources	No	-	
	Decrease of ground water level			
	Shallow well (m/year)	0.3		
	Deep well (m/year)	0.4		

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	20.0
District	Tangail	Water sealed slab latrine (%)	35.0
Year established	2000	Water-related diseases	Arsenicosis, Diarrhea, , , ,
Contact Tel/Fax	01712711785,09229-56400(F);	Technical staff (Nos.)	6
E-mail	mirzapurpourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	28,498	Annual budget (Tk)	56,371,605
Nos. of households (FY2010/2011)	4,763	Revenue (Tk)	12,330,691
Literacy (%)	78.0	Expenditure (Tk)	10,627,000
Land area (km ²)	8.6	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical
Residential area (km ²)	3.4	Committee formed	
Residential area pop. density (persons/ha)	83	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	18		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	20
Reasons	- To reduce the waste of water, collect actual bill and know the non revenue of water.	Unhygienic drinking water (%)	10
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	15
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Arsenic, Iron and water table declining
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	1.50		
2. Existing Water Sources in Non-Piped Water Supply Area			
		3. Potential Water Sources for Non-Piped Water Supply System	
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,457	97	45
Deep well	2	3	5
Ponds	135	0	35
Other sources	3	0	15
		Potential water sources	Evaluation
		Shallow well	None
		Deep well	High
		Surface water sources	-
		Other sources	No
			WQ problems
			Iron, Arsenic
			No problem
			-
			-
		Decrease of ground water level	
		Shallow well (m/year)	0.0
		Deep well (m/year)	0.0

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	20.0
District	Cox's Bazar	Water sealed slab latrine (%)	55.0
Year established	2001	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	Tel-0342474289, Fax-0342474419	Technical staff (Nos.)	3
E-mail	moheshpoura2001@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	30,040	Annual budget (Tk)	Not available
Nos. of households (FY2010/2011)	3,251	Revenue (Tk)	16,815,493
Literacy (%)	48.0	Expenditure (Tk)	28,561,182
Land area (km ²)	7.7	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	3.1	Committee formed	
Residential area pop. density (persons/ha)	98	TLCC /Frequency of meeting	No
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	6		
Winter	14		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	Yes	As contaminated wells (Nos.)	0
Reasons	We think that water meters can give us correct information of water. It prevent wasting water and save this.	Arsenic contaminated water supply (%)	0
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	Do not know
Average household income/month (Tk)	10,000	% of people using neighbor's well for drinking	Do not know
Affordability for piped water (Tk/month)	400	Problems in non-piped water supply area	Iron, Salinity,
Affordable price in total household income (%)	4.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
		3. Potential Water Sources for Non-Piped Water Supply System	
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	320	90	63
Deep well	18	7	0
Ponds	0	0	30
Other sources	7	3	7
		Potential water sources	Evaluation
		Shallow well	Moderate
		Deep well	Moderate
		Surface water sources	-
		Other sources	Yes
			WQ problems
			Iron, Salinity
			Iron, Salinity
			-
			-
		Decrease of ground water level	
		Shallow well (m/year)	1.0
		Deep well (m/year)	0.7

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	40.0
District	Netrokona	Water sealed slab latrine (%)	10.0
Year established	1975	Water-related diseases	, Diarrhea, , , ,
Contact Tel/Fax	09524-56030	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	41,460	Annual budget (Tk)	25,991,495
Nos. of households (FY2010/2011)	8,050	Revenue (Tk)	1,200,000
Literacy (%)	80.0	Expenditure (Tk)	8,491,495
Land area (km ²)	6.9	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	2.4	Committee formed	
Residential area pop. density (persons/ha)	171	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	19		
Winter	21		

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.)	, , , Filtration
Water meter	Yes	Arsenic contaminated water supply (%)	Do not know
Reasons	- To reduce wastage to get exact bill, to improve revenue income of pourashva. - Lack of pure water, if water supply facility is provided people will take water connection and they will pay for this.	Unhygienic drinking water (%)	5
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	30
Average household income/month (Tk)	13,000	Problems in non-piped water supply area	Iron, Arsenic
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	1.15		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron, Arsenic
Deep well	High	No problem
Surface water sources	None	Connect with drain, human excreta
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	3,500	80	45
Deep well	60	20	15
Ponds	40	0	25
Other sources	4	0	5

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	4.0
District	Bagerhat	Water sealed slab latrine (%)	83.0
Year established	1998	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery, Skin diseases
Contact Tel/Fax	Tel: 04656-56100	Technical staff (Nos.)	2
E-mail	morrelgonjpourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	21,718	Annual budget (Tk)	1,078,500,000
Nos. of households (FY2010/2011)	4,220	Revenue (Tk)	138,500,000
Literacy (%)	71.0	Expenditure (Tk)	1,075,376,000
Land area (km ²)	6.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	3.0	Committee formed	
Residential area pop. density (persons/ha)	72	TLCC /Frequency of meeting	No
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	Yes	As contaminated wells (Nos.)	250-300 shallow TW
Reasons	Not mentioned	Arsenic contaminated water supply (%)	2
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	8
Average household income/month (Tk)	Do not know	% of people using neighbor's well for drinking	4
Affordability for piped water (Tk/month)	Do not know	Problems in non-piped water supply area	Arsenic, iron and saline,
Affordable price in total household income (%)	Do not know		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Mostly saline
Deep well	-	-
Surface water sources	High	Saline
Other sources	Yes	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	550	10	35
Deep well	0	0	0
Ponds	20	10	40
Other sources	21	80	15

Decrease of ground water level	
Shallow well (m/year)	0.3
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	10.0
District	Gopalganj	Water sealed slab latrine (%)	85.0
Year established	2000	Water-related diseases	Arsenicosis, Diarrhea, Typhoid, ,
Contact Tel/Fax	06654-56340, 01924834040	Technical staff (Nos.)	1
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	30,000	Annual budget (Tk)	386,576,532
Nos. of households (FY2010/2011)	8,300	Revenue (Tk)	6,512,000
Literacy (%)	86.0	Expenditure (Tk)	5,576,532
Land area (km ²)	17.6	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6.1	Committee formed	
Residential area pop. density (persons/ha)	49	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	40.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	16		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	No	As contaminated wells (Nos.)	3,500
Reasons	Cause people will be interested to pay fixed amount.	Arsenic contaminated water supply (%)	85
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	0
Average household income/month (Tk)	10,000	% of people using neighbor's well for drinking	40
Affordability for piped water (Tk/month)	150	Problems in non-piped water supply area	People are not getting safe drinking water.(Arsenic),
Affordable price in total household income (%)	1.50		
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 (%)
River	1	0	10
Shallow well	4,000	95	85
Deep well	21	5	5
Ponds	40	0	0
Other sources	0	0	0
		Potential water sources	Evaluation
		Shallow well	None
		Deep well	High
		Surface water sources	Moderate
		Other sources	No
			WQ problems
			Arsenic
			No problem
			Inorganic garbage
			-
		Decrease of ground water level	
		Shallow well (m/year)	1.2
		Deep well (m/year)	1.2

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Barisal	Latrine with septic tank (%)	5.0
District	Barisal	Water sealed slab latrine (%)	15.0
Year established	25/01/2001	Water-related diseases	Arsenicosis, , , , ,
Contact Tel/Fax	04326-75256/ 04326	Technical staff (Nos.)	20
E-mail	shafiulem1978@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	25,525	Annual budget (Tk)	14,628,495
Nos. of households (FY2010/2011)	3,854	Revenue (Tk)	8,604,377
Literacy (%)	69.0	Expenditure (Tk)	6,892,887
Land area (km ²)	5.9	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, , , ,
Residential area (km ²)	3.8	Committee formed	
Residential area pop. density (persons/ha)	67	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	14		
Winter	18		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	0
Reasons	People are capable and as the area have pure water source	Arsenic contaminated water supply (%)	N
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	5
Average household income/month (Tk)	7,000-8,000	% of people using neighbor's well for drinking	90
Affordability for piped water (Tk/month)	100	Problems in non-piped water supply area	Water source limitation for pure drinking water, Water quality (Fe, As contamination) in shallow wells, Pond water (bacteria)
Affordable price in total household income (%)	1.25-1.43		
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 (%)
River	1	0	0
Shallow well	253	0	15
Deep well	2	100	10
Ponds	128	0	10
Other sources	0	0	65
		Potential water sources	Evaluation
		Shallow well	Moderate
		Deep well	Y
		Surface water sources	High
		Other sources	No
			WQ problems
			little problem Fe, As
			More than 900 feet is pure water
			Sand and muddy in rainy season
			-
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	89.9
District	Hobiganj	Water sealed slab latrine (%)	1.1
Year established	1997 (March)	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	0883-256191, 0832-856193	Technical staff (Nos.)	5
E-mail	nobiganjpoura@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	30,746	Annual budget (Tk)	44,699,840
Nos. of households (FY2010/2011)	4,007	Revenue (Tk)	14,769,540
Literacy (%)	88.3	Expenditure (Tk)	14,769,540
Land area (km ²)	9.7	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	1.5	Committee formed	
Residential area pop. density (persons/ha)	204	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	89.9	WATSAN/Frequency of meeting	Yes, once a year. Last meeting was in the year 2011 (Ocotober)
Electricity availability (hrs)			
Summer	21		
Winter	23		

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.)	, Boiling, , Filtration Do not know																								
Water meter	No	Arsenic contaminated water supply (%)	48																								
Reasons		Unhygienic drinking water (%)	not detected (may be 10%)																								
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	40																								
Average household income/month (Tk)	22,000	Problems in non-piped water supply area	Health hazard (Fe & As), The water level in their shallow tubewells is declining during dry period.																								
Affordability for piped water (Tk/month)	300	3. Potential Water Sources for Non-Piped Water Supply System																									
Affordable price in total household income (%)	1.36	<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Fe & As</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>No problem</td> </tr> <tr> <td>Surface water sources</td> <td>None</td> <td></td> </tr> <tr> <td>Other sources</td> <td>Yes</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Fe & As	Deep well	Moderate	No problem	Surface water sources	None		Other sources	Yes	-									
Potential water sources	Evaluation	WQ problems																									
Shallow well	None	Fe & As																									
Deep well	Moderate	No problem																									
Surface water sources	None																										
Other sources	Yes	-																									
2. Existing Water Sources in Non-Piped Water Supply Area																											
		<table border="1"> <thead> <tr> <th>Source</th> <th>Nos. of source</th> <th>Drinking (%)</th> <th>Domestic (%)</th> </tr> </thead> <tbody> <tr> <td>River</td> <td>1</td> <td>3</td> <td>10</td> </tr> <tr> <td>Shallow well</td> <td>2,097</td> <td>80</td> <td>40</td> </tr> <tr> <td>Deep well</td> <td>30</td> <td>10</td> <td>0</td> </tr> <tr> <td>Ponds</td> <td>747</td> <td>7</td> <td>50</td> </tr> <tr> <td>Other sources</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		Source	Nos. of source	Drinking (%)	Domestic (%)	River	1	3	10	Shallow well	2,097	80	40	Deep well	30	10	0	Ponds	747	7	50	Other sources	0	0	0
Source	Nos. of source	Drinking (%)	Domestic (%)																								
River	1	3	10																								
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Deep well	30	10	0																								
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Decrease of ground water level																											
Shallow well (m/year)	0.3																										
Deep well (m/year)	0.5																										

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	60.0
District	Brahmanbaria	Water sealed slab latrine (%)	35.0
Year established	12/9/1999	Water-related diseases	Arsenicosis, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	08525-75600 / 08525-75555	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	50,000	Annual budget (Tk)	47,185,413
Nos. of households (FY2010/2011)	5,183	Revenue (Tk)	
Literacy (%)	76.0	Expenditure (Tk)	
Land area (km ²)	16.9	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	7.2	Committee formed	
Residential area pop. density (persons/ha)	70	TLCC /Frequency of meeting	No
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	22		
Winter	22-23		

D. Non-Piped Water Supply Area																		
1. Necessity of Piped Water Supply																		
Necessity of Piped water	Yes	Main treatment method in domestic	, , , Filtration Do not know															
Water meter	Yes	As contaminated wells (Nos.)	Do not know															
Reasons	People are well established	Arsenic contaminated water supply (%)	0															
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	Do not know															
Average household income/month (Tk)	30,000	% of people using neighbor's well for drinking	40															
Affordability for piped water (Tk/month)	300	Problems in non-piped water supply area	Water contamination(As, Fe), water pollution, Source problem (deep (Fe), shallow (Fe + As)															
Affordable price in total household income (%)	1.00	3. Potential Water Sources for Non-Piped Water Supply System																
2. Existing Water Sources in Non-Piped Water Supply Area																		
		<table border="1"> <thead> <tr> <th>Potential water sources</th> <th>Evaluation</th> <th>WQ problems</th> </tr> </thead> <tbody> <tr> <td>Shallow well</td> <td>None</td> <td>Fe, As</td> </tr> <tr> <td>Deep well</td> <td>Moderate</td> <td>Fe, IRP</td> </tr> <tr> <td>Surface water sources</td> <td>High</td> <td>Turbidity, SWTP</td> </tr> <tr> <td>Other sources</td> <td>No</td> <td>-</td> </tr> </tbody> </table>		Potential water sources	Evaluation	WQ problems	Shallow well	None	Fe, As	Deep well	Moderate	Fe, IRP	Surface water sources	High	Turbidity, SWTP	Other sources	No	-
Potential water sources	Evaluation	WQ problems																
Shallow well	None	Fe, As																
Deep well	Moderate	Fe, IRP																
Surface water sources	High	Turbidity, SWTP																
Other sources	No	-																
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Decrease of ground water level																		
Shallow well (m/year)	Not known																	
Deep well (m/year)	Not known																	

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	30.0
District	Faridpur	Water sealed slab latrine (%)	60
Year established	1999	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	06327-56171 , 01716275331	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	18,957	Annual budget (Tk)	90,593,036
Nos. of households (FY2010/2011)	8,000	Revenue (Tk)	7,043,000
Literacy (%)	95.0	Expenditure (Tk)	6,223,036
Land area (km ²)	7.6	Computerization	Holding tax management, , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation,
Residential area (km ²)	2.3	Committee formed	
Residential area pop. density (persons/ha)	84	TLCC /Frequency of meeting	No
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	4		
Winter	18		

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.)	, , , Filtration 65
Water meter	Yes	Arsenic contaminated water supply (%)	10
Reasons	To collect actual revenue.	Unhygienic drinking water (%)	5
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	25
Average household income/month (Tk)	6,000	Problems in non-piped water supply area	People dont get safe drinking water, They are victim in water related disease
Affordability for piped water (Tk/month)	150	3. Potential Water Sources for Non-Piped Water Supply System	
Affordable price in total household income (%)	2.5		
2. Exiting Water Sources in Non-Piped Water Supply Area			
		Potential water sources	Evaluation
		Shallow well	High
		Deep well	None
		Surface water sources	None
		Other sources	No
			WQ problems
			No problem
			Saline,iron
			Inorganic material, Town wastage.
			-
Decrease of ground water level			
		Shallow well (m/year)	0.45
		Deep well (m/year)	0.45

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	5.0
District	Kurigram	Water sealed slab latrine (%)	82.0
Year established	2001	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 0582-656055 Fax: 0582-656055	Technical staff (Nos.)	8
E-mail	nagpouara@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	63,598	Annual budget (Tk)	132,133,080
Nos. of households (FY2010/2011)	11,562	Revenue (Tk)	19,133,080
Literacy (%)	45.0	Expenditure (Tk)	10,571,437
Land area (km ²)	42.0	Computerization	Holding tax management, , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	18.1	Committee formed	
Residential area pop. density (persons/ha)	35	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	22		

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.)	None, , , 0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	To save the water and to know how much we using and accordingly to pay the bill. Meter is required. It will help us to improve the efficiency of our system.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	37
Average household income/month (Tk)	8,000	Problems in non-piped water supply area	Huge iron (No data sheet),
Affordability for piped water (Tk/month)	100	3. Potential Water Sources for Non-Piped Water Supply System	
Affordable price in total household income (%)	1.25		
2. Exiting Water Sources in Non-Piped Water Supply Area			
		Potential water sources	Evaluation
		Shallow well	Moderate
		Deep well	-
		Surface water sources	-
		Other sources	Yes
			WQ problems
			Iron
			-
			-
Decrease of ground water level			
		Shallow well (m/year)	4.0
		Deep well (m/year)	1.0

A. Pourashava Profile					
Class	C			Sanitation coverage	
Division	Dhaka			Latrine with septic tank (%)	
District	Sherpur			Water sealed slab latrine (%)	
Year established	2001			Water-related diseases	
Contact Tel/Fax	09323-75233			, Diarrhea, , , ,	
E-mail				Technical staff (Nos.)	
Population (FY2010/2011)	36,518			Financial statements (2010/2011)	
Nos. of households (FY2010/2011)	6,400			Annual budget (Tk)	
Literacy (%)	60.0			Revenue (Tk)	
Land area (km ²)	16.4			Expenditure (Tk)	
Residential area (km ²)	7.4			Computerization	
Residential area pop. density (persons/ha)	49			Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, , , ,	
Electricity coverage (%)	70.0			Committee formed	
Electricity availability (hrs)				TLCC /Frequency of meeting	
Summer	12			WATSAN/Frequency of meeting	
Winter	16			No	
D. Non-Piped Water Supply Area					
1. Necessity of Piped Water Supply					
Necessity of				Main treatment method in domestic	
Piped water	Yes			As contaminated wells (Nos.)	
Water meter	Yes			Arsenic contaminated water supply (%)	
Reasons	To reduce misuse of water			Unhygienic drinking water (%)	
				% of people using neighbor's well for drinking	
				Problems in non-piped water supply area	
				Water layer decreasing day-by-day.,	
Affordability (answered by pourashava staff)				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 (%)	2.00				
2. Existing Water Sources in Non-Piped Water Supply Area					
	Source	Nos. of source	Drinking (%)	Domestic (%)	
	River	0	0	0	
	Shallow well	6,000	100	100	
	Deep well	0	0	0	
	Ponds	0	0	0	
	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	Barisal			Latrine with septic tank (%)	
District	Jhalakati			Water sealed slab latrine (%)	
Year established	1865			Water-related diseases	
Contact Tel/Fax	04953-74131			Arsenicosis, , Cholera, Typhoid, ,	
E-mail	nalchitypouro1865@gmail.com			Technical staff (Nos.)	
Population (FY2010/2011)	50,000			Financial statements (2010/2011)	
Nos. of households (FY2010/2011)	6,761			Annual budget (Tk)	
Literacy (%)	75.0			Revenue (Tk)	
Land area (km ²)	24.2			Expenditure (Tk)	
Residential area (km ²)	15.7			Computerization	
Residential area pop. density (persons/ha)	32			Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, , Yearly logical budget preparation, ,	
Electricity coverage (%)	65.0			Committee formed	
Electricity availability (hrs)				TLCC /Frequency of meeting	
Summer	10			WATSAN/Frequency of meeting	
Winter	20			No	
D. Non-Piped Water Supply Area					
1. Necessity of Piped Water Supply					
Necessity of				Main treatment method in domestic	
Piped water	Yes			As contaminated wells (Nos.)	
Water meter	Yes			Arsenic contaminated water supply (%)	
Reasons	To reduce waste of water, Easy to pay the bill of water consumed.			Unhygienic drinking water (%)	
				% of people using neighbor's well for drinking	
				Problems in non-piped water supply area	
				Scarcity of pure drinking water., Surface water is polluted by human waste.	
Affordability (answered by pourashava staff)				3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	8,000				
Affordability for piped water (Tk/month)	250				
Affordable price in total household income (%)	3.13				
2. Existing Water Sources in Non-Piped Water Supply Area					
	Source	Nos. of source	Drinking (%)	Domestic (%)	
	River	1	0	5	
	Shallow well	275	10	20	
	Deep well	324	90	40	
	Ponds	650	0	35	
	Other sources	0	0	0	
					Decrease of ground water level
					Shallow well (m/year)
					Deep well (m/year)

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	30.0
District	Bogra	Water sealed slab latrine (%)	60.0
Year established	2003 (25-Aug-03)	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05027-76094	Technical staff (Nos.)	1
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	16,704	Annual budget (Tk)	72,269,078
Nos. of households (FY2010/2011)	3,950	Revenue (Tk)	14,730,000
Literacy (%)	67.0	Expenditure (Tk)	19,571,000
Land area (km ²)	12.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	6.6	Committee formed	
Residential area pop. density (persons/ha)	25	TLCC /Frequency of meeting	No
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	20		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	(i) Ensure the proper use of water, (ii) To identify quantity of water used for billing, (iii) To estimate water not billed, (iv) To save loss etc.	Unhygienic drinking water (%)	5
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	10
Average household income/month (Tk)	6,000	Problems in non-piped water supply area	Some area, iron quantity is high, Problem of low water table in dry season
Affordability for piped water (Tk/month)	75		
Affordable price in total household income (%)	1.25		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,250	100	85
Deep well	0	0	0
Ponds	85	0	15
Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	High	Low discharge in summer season	
Deep well	-	-	
Surface water sources	-	-	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	0.6		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Khulna	Latrine with septic tank (%)	40.0
District	Khulna	Water sealed slab latrine (%)	30.0
Year established	1997	Water-related diseases	, Diarrhea, , , Dysentery, Skin diseases
Contact Tel/Fax	Tel: 04027-56287	Technical staff (Nos.)	2
E-mail	paikgachamayor@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	16,321	Annual budget (Tk)	35,766,538
Nos. of households (FY2010/2011)	3,030	Revenue (Tk)	8,779,014
Literacy (%)	76.0	Expenditure (Tk)	8,278,000
Land area (km ²)	2.5	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	1.4	Committee formed	
Residential area pop. density (persons/ha)	118	TLCC /Frequency of meeting	No
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	14		
Winter	18		
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.)	, , , Filtration
Water meter	No	Arsenic contaminated water supply (%)	228
Reasons	Not applicable	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	10
Average household income/month (Tk)	7,000	Problems in non-piped water supply area	5
Affordability for piped water (Tk/month)	150		Saline, Iron, Arsenic,
Affordable price in total household income (%)	2.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	10
Shallow well	1,200	39	45
Deep well	0	0	0
Ponds	150	0	43
Other sources	14	61	2
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	None	Arsenic, Iron and Saline in many shallow tube wells	
Deep well	-	-	
Surface water sources	High	Salinity	
Other sources	Yes	-	
Decrease of ground water level			
Shallow well (m/year)	0.5		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	20.0
District	Joypurhat	Water sealed slab latrine (%)	60.0
Year established	1998 (27th August)	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05724-75200	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	40,241	Annual budget (Tk)	89,272,494
Nos. of households (FY2010/2011)	5,500	Revenue (Tk)	21,196,756
Literacy (%)	90.0	Expenditure (Tk)	19,684,963
Land area (km ²)	10.0	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4.0	Committee formed	
Residential area pop. density (persons/ha)	101	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	20		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	None
Reasons	(i) Ensure the proper use of water, (ii) To identify quantity of water used for billing, (iii) To estimate water not billed, (iv) To save loss etc.	Arsenic contaminated water supply (%)	0
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	1
Average household income/month (Tk)	15,000	% of people using neighbor's well for drinking	10
Affordability for piped water (Tk/month)	200	Problems in non-piped water supply area	Little iron in some area, Problem of low water table in dry season
Affordable price in total household income (%)	1.33		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	0
Shallow well	5,500	100	60
Deep well	0	0	0
Ponds	60	0	40
Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	High	None	
Deep well	-	-	
Surface water sources	Moderate	No data	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	0.6		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	15.0
District	Feni	Water sealed slab latrine (%)	40.0
Year established	2001	Water-related diseases	, Diarrhea, , Typhoid, ,
Contact Tel/Fax	03324-56151	Technical staff (Nos.)	3
E-mail	www.parashuram-municipality.org	Financial statements (2010/2011)	0
Population (FY2010/2011)	35,505	Annual budget (Tk)	84,500,000
Nos. of households (FY2010/2011)	5,592	Revenue (Tk)	15,308,659
Literacy (%)	70.0	Expenditure (Tk)	14,970,000
Land area (km ²)	22.4	Computerization	Holding tax management, Accounting, , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	2.3	Committee formed	
Residential area pop. density (persons/ha)	155	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	11		
Winter	16		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	Do not know
Reasons	In water meter system people will pay what they use. In this system no amount of water will be misused.	Arsenic contaminated water supply (%)	Do not know
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	10
Average household income/month (Tk)	7,000	% of people using neighbor's well for drinking	10
Affordability for piped water (Tk/month)	300	Problems in non-piped water supply area	Iron Contamination, Water is not clean.
Affordable price in total household income (%)	4.28		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	3	0	5
Shallow well	600	60	40
Deep well	250	40	30
Ponds	275	0	20
Other sources	3	0	5
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	Iron, Turbidity	
Deep well	Moderate	Iron	
Surface water sources	Moderate	Turbidity	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	Not known		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	35.0
District	Lalminirhat	Water sealed slab latrine (%)	35.0
Year established	1999	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 0592-556363	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	31,000	Annual budget (Tk)	21,454,600
Nos. of households (FY2010/2011)	5,100	Revenue (Tk)	21,454,600
Literacy (%)	85.0	Expenditure (Tk)	18,546,600
Land area (km ²)	13.1	Computerization	Holding tax management, Accounting, Trade license, , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	6.5	Committee formed	
Residential area pop. density (persons/ha)	47	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	40.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	17		
Winter	20		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	0
Reasons	- To calculate the revenue of water - Ensure the proper use of water - Leakage and problem identify and solution	Arsenic contaminated water supply (%)	0
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	2
Average household income/month (Tk)	8,000	% of people using neighbor's well for drinking	5
Affordability for piped water (Tk/month)	200	Problems in non-piped water supply area	Iron in some area, The depth of hand pump is not enough
Affordable price in total household income (%)	2.50		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	0	0
Shallow well	5,500	100	90
Deep well	0	0	0
Ponds	200	0	10
Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	High	Iron in some area	
Deep well	-	-	
Surface water sources	-	-	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	0.3		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	A	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	40.0
District	Chittagong	Water sealed slab latrine (%)	30.0
Year established	1990	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	03035-56524	Technical staff (Nos.)	10
E-mail	patiyapourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	50,120	Annual budget (Tk)	112,796,000
Nos. of households (FY2010/2011)	12,000	Revenue (Tk)	22,895,000
Literacy (%)	64.5	Expenditure (Tk)	20,799,000
Land area (km ²)	10.4	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	5.2	Committee formed	
Residential area pop. density (persons/ha)	97	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 4 months
Electricity availability (hrs)			
Summer	8		
Winter	12		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	Yes	As contaminated wells (Nos.)	No
Reasons	To use supply water perfectly and control misuse of water and revenue income.	Arsenic contaminated water supply (%)	No
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	5
Average household income/month (Tk)	10,000	% of people using neighbor's well for drinking	10
Affordability for piped water (Tk/month)	400	Problems in non-piped water supply area	Ironic, Shallow wells are contaminated by human waste.
Affordable price in total household income (%)	4.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	100	20	80
Deep well	310	70	0
Ponds	100	0	20
Other sources	0	10	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	Ironic	
Deep well	High	Fe, Mn	
Surface water sources	Moderate	No	
Other sources	Yes	-	
Decrease of ground water level			
Shallow well (m/year)	1.0		
Deep well (m/year)	0.5		

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	35.0
District	Mymensingh	Water sealed slab latrine (%)	55.0
Year established	2001	Water-related diseases	, Diarrhea, , ,
Contact Tel/Fax	0903356177	Technical staff (Nos.)	5
E-mail	pangkajpaul@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	31,700	Annual budget (Tk)	60,312,692
Nos. of households (FY2010/2011)	4,230	Revenue (Tk)	17,312,692
Literacy (%)	75.0	Expenditure (Tk)	58,803,000
Land area (km ²)	10.1	Computerization	, , , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	4.8	Committee formed	
Residential area pop. density (persons/ha)	66	TLCC /Frequency of meeting	No
Electricity coverage (%)	30.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	18		
Winter	22		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	To control mis use of water.	Unhygienic drinking water (%)	20
		% of people using neighbor's well for drinking	60
Affordability (answered by pourashava staff)		Problems in non-piped water supply area	Arsenic, Iron (Fe), Bacteria
Average household income/month (Tk)	16,000		
Affordability for piped water (Tk/month)	According to bill		
Affordable price in total household income (%)	1.50		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,712	75	75
Deep well	10	20	20
Ponds	0	5	0
Other sources	0	0	5
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	High	No problem	
Deep well	High	No problem	
Surface water sources	-	-	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	Not known		
Deep well (m/year)	Not known		

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	92.0
District	Thakurgaon	Water sealed slab latrine (%)	2.0
Year established	1989	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	Tel: 05624-56206	Technical staff (Nos.)	5
E-mail	pirganjpourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	27,112	Annual budget (Tk)	9,550,000
Nos. of households (FY2010/2011)	6,447	Revenue (Tk)	6,598,208
Literacy (%)	70.5	Expenditure (Tk)	6,214,119
Land area (km ²)	16.7	Computerization	, , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	3.8	Committee formed	
Residential area pop. density (persons/ha)	71	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	75.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	5		
Winter	18		
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.)	None, , ,
Water meter	No	Arsenic contaminated water supply (%)	0
Reasons	Non metered connection will be easy for paying bill. People may except metered system once they feel the advantage of piped water supply.	Unhygienic drinking water (%)	10
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	0
Average household income/month (Tk)	8,000	Problems in non-piped water supply area	Iron present in hand tube well, Not available, water in hand tube well in dry season.
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	2.50		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,126	100	100
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	High	Iron	
Deep well	High	Iron	
Surface water sources	Moderate	Bacteria in water	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)	0.5		
Deep well (m/year)	1.0		

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	20.0
District	Rajshahi	Water sealed slab latrine (%)	55.0
Year established	2001	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 077228-56287	Technical staff (Nos.)	5
E-mail	None	Financial statements (2010/2011)	0
Population (FY2010/2011)	21,582	Annual budget (Tk)	42,432,326
Nos. of households (FY2010/2011)	4,881	Revenue (Tk)	5,840,677
Literacy (%)	79.0	Expenditure (Tk)	5,604,000
Land area (km ²)	13.5	Computerization	, , Trade license, , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	9.5	Committee formed	
Residential area pop. density (persons/ha)	23	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	18		

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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	(1) For accuracy of actual bill preparation for the consumers (2) Reduce of waste water (3) System of meters is customers pay the bill accordingly to water volume consumed.	Unhygienic drinking water (%)	No data
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	30
Average household income/month (Tk)	15,000	Problems in non-piped water supply area	,
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according		
Affordable price in total household income (%)	0.00		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Fe
Deep well	-	-
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	2,800	100	85
Deep well	0	0	0
Ponds	0	0	15
Other sources	0	0	0

Decrease of ground water level	
Shallow well (m/year)	2.5
Deep well (m/year)	Not known

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	10.0
District	Lakshmipur	Water sealed slab latrine (%)	70.0
Year established	2000	Water-related diseases	Arsenicosis, , , , Dysentery,
Contact Tel/Fax	03823-56287	Technical staff (Nos.)	4
E-mail	ramgotipoura@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	35,000	Annual budget (Tk)	30,897,385
Nos. of households (FY2010/2011)	5,087	Revenue (Tk)	4,398,929
Literacy (%)	62.0	Expenditure (Tk)	4,976,456
Land area (km ²)	11.8	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	5.9	Committee formed	
Residential area pop. density (persons/ha)	59	TLCC /Frequency of meeting	No
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	6		
Winter	10		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes	Main treatment method in domestic	, , , Filtration
Water meter	Yes	As contaminated wells (Nos.)	Do not know
Reasons	To prevent wastage of water and to assess exact volume of water consumed.	Arsenic contaminated water supply (%)	Do not know
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	0
Average household income/month (Tk)	10,000	% of people using neighbor's well for drinking	30
Affordability for piped water (Tk/month)	150	Problems in non-piped water supply area	Iron, Arsenic
Affordable price in total household income (%)	1.50		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron, Arsenic
Deep well	High	No
Surface water sources	-	-
Other sources	No	-

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,000	60	39
Deep well	200	40	10
Ponds	1,000	0	50
Other sources	2	0	1

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	26.0
District	Chittagong	Water sealed slab latrine (%)	18.0
Year established	1998	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	03026-56024	Technical staff (Nos.)	9
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	80,000	Annual budget (Tk)	192,500,000
Nos. of households (FY2010/2011)	12,000	Revenue (Tk)	22,361,094
Literacy (%)	75.0	Expenditure (Tk)	25,700,503
Land area (km ²)	41.8	Computerization	holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement.
Residential area (km ²)	6.6	Committee formed	
Residential area pop. density (persons/ha)	121	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	5		
Winter	12		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes
Water meter	Yes
Reasons	To prevent misuses of water. User or consumer can get accurate water bill.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	9,000
Affordability for piped water (Tk/month)	360
Affordable price in total household income (%)	4.00

Main treatment method in domestic As contaminated wells (Nos.)	, , , Filtration
Arsenic contaminated water supply (%)	0
Unhygienic drinking water (%)	Do not know
% of people using neighbor's well for drinking	Do not know
Problems in non-piped water supply area	Insufficient number of tubewells, Water contains some percentage of iron.

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Contain Iron
Deep well	High	Contain Iron
Surface water sources	Moderate	It is sweet water (Portabl water)
Other sources	Yes	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	10
Shallow well	675	60	15
Deep well	18	38	3
Ponds	90	0	71
Other sources	10	2	1

Decrease of ground water level	
Shallow well (m/year)	0.3
Deep well (m/year)	0.2

Raypura**A. Pourashava Profile**

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	15.0
District	Narashingdi	Water sealed slab latrine (%)	20.0
Year established	2005	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	06255-56300, 01711148675	Technical staff (Nos.)	3
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	51,000	Annual budget (Tk)	96,575,000
Nos. of households (FY2010/2011)	7,150	Revenue (Tk)	10,475,000
Literacy (%)	56.0	Expenditure (Tk)	8,925,000
Land area (km ²)	7.3	Computerization
Residential area (km ²)	2.9	Committee formed	
Residential area pop. density (persons/ha)	176	TLCC /Frequency of meeting	No
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	18		
Winter	20		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes
Water meter	Yes
Reasons	- To save water and collect the actual bill - To know the amount of produced water.
Affordability (answered by pourashava staff)	
Average household income/month (Tk)	10,000
Affordability for piped water (Tk/month)	100
Affordable price in total household income (%)	1.00

Main treatment method in domestic As contaminated wells (Nos.)	None, , ,
Arsenic contaminated water supply (%)	Do not know
Unhygienic drinking water (%)	Do not know
% of people using neighbor's well for drinking	55
Problems in non-piped water supply area	Iron, Tubewell Sharing

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron
Deep well	High	No problem
Surface water sources	High	Do not Know
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,800	75	60
Deep well	55	20	15
Ponds	25	0	20
Other sources	30	5	5

Decrease of ground water level	
Shallow well (m/year)	1.0
Deep well (m/year)	1.0

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	10.0
District	Sirajgonj	Water sealed slab latrine (%)	80.0
Year established	2005	Water-related diseases	, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	Tel: 07526-56331	Technical staff (Nos.)	2
E-mail	raigonjpouroshava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	20,477	Annual budget (Tk)	21,772,000
Nos. of households (FY2010/2011)	3,131	Revenue (Tk)	3,272,000
Literacy (%)	85.0	Expenditure (Tk)	3,264,516
Land area (km ²)	6.3	Computerization	, , , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	3.3	Committee formed	
Residential area pop. density (persons/ha)	63	TLCC /Frequency of meeting	Yes, 6 months
Electricity coverage (%)	92.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	9		
Winter	16		

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.)	None
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	(i) Customers to pay according to use, (ii) To check and control water loss i.e. non-revenue water	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	8
Average household income/month (Tk)	No data	Problems in non-piped water supply area	Whole Pourashava are non-piped water supply, Maximum hand tube well fail to supply water in dry season due to drop-down water level.
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according to their income		
Affordable price in total household income (%)	0.00		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Fe
Deep well	-	-
Surface water sources	High	Turbidity
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	0.07-0.15
Deep well (m/year)	Not known

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	20
Shallow well	2,800	100	70
Deep well	0	0	0
Ponds	30	0	10
Other sources	0	0	0

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Sylhet	Latrine with septic tank (%)	73.0
District	Hobiganj	Water sealed slab latrine (%)	20.0
Year established	35879	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	08332-5676108332-56881	Technical staff (Nos.)	1
E-mail	shaistaganj_pourashava@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	26,779	Annual budget (Tk)	20,635,670
Nos. of households (FY2010/2011)	3,749	Revenue (Tk)	9,974,893
Literacy (%)	57.0	Expenditure (Tk)	8,797,497
Land area (km ²)	10.4	Computerization	Holding tax management, Accounting, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	3.0	Committee formed	
Residential area pop. density (persons/ha)	89	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	65.0	WATSAN/Frequency of meeting	Yes, 6 months
Electricity availability (hrs)			
Summer	12		
Winter	13		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes	Main treatment method in domestic	, , , Filtration
Water meter	Yes	As contaminated wells (Nos.)	0
Reasons	People are able to pay for sate water supply	Arsenic contaminated water supply (%)	0
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	25
Average household income/month (Tk)	20,000	% of people using neighbor's well for drinking	50
Affordability for piped water (Tk/month)	300-400	Problems in non-piped water supply area	Water table is down, Safe water will be supplied
Affordable price in total household income (%)	1.5-2.0		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	No problem
Deep well	Moderate	Iron
Surface water sources	High	no problem after treatment
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	Not known
Deep well (m/year)	Not known

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	5	10
Shallow well	1,860	20	20
Deep well	155	60	30
Ponds	0	15	10
Other sources	5	0	30

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	25.0
District	Tangail	Water sealed slab latrine (%)	35.0
Year established	2000	Water-related diseases	, Diarrhea, , Typhoid, ,
Contact Tel/Fax	01812318200,09232-56101.	Technical staff (Nos.)	3
E-mail	sakhipoura@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	29,756	Annual budget (Tk)	20,789,628
Nos. of households (FY2010/2011)	7,053	Revenue (Tk)	22,056,078
Literacy (%)	75.0	Expenditure (Tk)	10,593,938
Land area (km ²)	11.5	Computerization	Holding tax management, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	5.2	Committee formed	
Residential area pop. density (persons/ha)	57	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	12		
Winter	18		

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.)	None, , , 0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	Save water, collect actual bill.	Unhygienic drinking water (%)	15
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	20
Average household income/month (Tk)	10,000	Problems in non-piped water supply area	Iron ,Odour, Water table declining
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1.00		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,000	95	60
Deep well	N/A	5	10
Ponds	25	0	30
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	None	Iron
Deep well	High	No problem
Surface water sources	-	-
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.0
Deep well (m/year)	0.0

Sariakandi

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	10.0
District	Bogra	Water sealed slab latrine (%)	90.0
Year established	1999	Water-related diseases	, Diarrhea, , Typhoid, Dysentery,
Contact Tel/Fax	Mob: 01740-213592	Technical staff (Nos.)	4
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	22,850	Annual budget (Tk)	116,602,571
Nos. of households (FY2010/2011)	3,968	Revenue (Tk)	12,552,571
Literacy (%)	65.0	Expenditure (Tk)	12,203,334
Land area (km ²)	3.6	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	2.1	Committee formed	
Residential area pop. density (persons/ha)	107	TLCC /Frequency of meeting	No
Electricity coverage (%)	85.0	WATSAN/Frequency of meeting	Yes, Not regular
Electricity availability (hrs)			
Summer	14		
Winter	20		

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.)	None, , , 175-345
Water meter	Yes	Arsenic contaminated water supply (%)	5-10
Reasons	- By knowing how much water we produce and how much water consumed by consumers - We will know the amount of non-revenue water - To save water and improve the efficiency of	Unhygienic drinking water (%)	2
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	3
Average household income/month (Tk)	7,000	Problems in non-piped water supply area	Quantity of iron is too high, Problem of low water table in dry
Affordability for piped water (Tk/month)	200		
Affordable price in total household income (%)	2.86		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	2	0	5
Shallow well	3,432	100	91
Deep well	0	0	0
Ponds	6	0	4
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Iron/Arsenic
Deep well	-	-
Surface water sources	Moderate	-Turbidity high- Bacteriological contaminated
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.5
Deep well (m/year)	Not known

A. Pourashava Profile

Class	C	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	10.0
District	Chittagong	Water sealed slab latrine (%)	70.0
Year established	28/02/1999	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery,
Contact Tel/Fax	1711306492	Technical staff (Nos.)	1
E-mail	mayorsandwippourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	60,000	Annual budget (Tk)	22,500,000
Nos. of households (FY2010/2011)	7,801	Revenue (Tk)	4,273,523
Literacy (%)	80.0	Expenditure (Tk)	11,650,805
Land area (km ²)	30.0	Computerization	, , , , , Engineering, , ,
Residential area (km ²)	15.0	Committee formed	
Residential area pop. density (persons/ha)	40	TLCC /Frequency of meeting	No
Electricity coverage (%)	50.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	4		
Winter	4		

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.)	5
Reasons	To use supply water perfectly.	Arsenic contaminated water supply (%)	10
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	50
Average household income/month (Tk)	6,000	% of people using neighbor's well for drinking	80
Affordability for piped water (Tk/month)	180	Problems in non-piped water supply area	Arsenic and salinity on shallow wells, Shallow wells are contaminated by human waste.
Affordable price in total household income (%)	3.00		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	600	70	20
Deep well	10	10	0
Ponds	50	20	80
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Arsenic and bacteria
Deep well	High	N
Surface water sources	None	Saline
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	Not known
Deep well (m/year)	Not known

Sherpur

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	60.0
District	Bogra	Water sealed slab latrine (%)	32.0
Year established	1876	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0	Technical staff (Nos.)	10
E-mail	humao.kabir@yahoo.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	60,000	Annual budget (Tk)	80,500,000
Nos. of households (FY2010/2011)	4,807	Revenue (Tk)	27,383,465
Literacy (%)	80.0	Expenditure (Tk)	28,857,182
Land area (km ²)	10.4	Computerization	Holding tax management, , Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement,
Residential area (km ²)	7.3	Committee formed	
Residential area pop. density (persons/ha)	82	TLCC /Frequency of meeting	Yes, 1 month (not regular coordinating meeting)
Electricity coverage (%)	100.0	WATSAN/Frequency of meeting	Yes, 1 month (not regular meeting)
Electricity availability (hrs)			
Summer	14		
Winter	20		

D. Non-Piped Water Supply Area

1. Necessity of Piped Water Supply

Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	None
Reasons	(i) Ensure the proper use of water, (ii) To identify quantity of water used for billing, (iii) To estimate water not billed, (iv) To save loss etc.	Arsenic contaminated water supply (%)	0
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	5
Average household income/month (Tk)	10,000	% of people using neighbor's well for drinking	10
Affordability for piped water (Tk/month)	300	Problems in non-piped water supply area	More iron, Problem of low water table in dry season
Affordable price in total household income (%)	3.00		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	15
Shallow well	4,000	100	65
Deep well	0	0	0
Ponds	5	0	20
Other sources	0	0	0

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	More Iron, low discharge in summer season
Deep well	-	-
Surface water sources	Moderate	Bacteria contaminate, turbidity high
Other sources	No	-

Decrease of ground water level	
Shallow well (m/year)	0.2
Deep well (m/year)	Not known

A. Pourashava Profile

Class	A	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	65.0
District	Chapainawabganj	Water sealed slab latrine (%)	0.0
Year established	1992	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	07825-75046	Technical staff (Nos.)	8
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	47,525	Annual budget (Tk)	54,054,263
Nos. of households (FY2010/2011)	8,450	Revenue (Tk)	23,054,263
Literacy (%)	60.0	Expenditure (Tk)	22,228,500
Land area (km ²)	22.2	Computerization	, Accounting, Trade license, , , , , Procurement,
Residential area (km ²)	3.2	Committee formed	
Residential area pop. density (persons/ha)	151	TLCC /Frequency of meeting	Yes, 4 months
Electricity coverage (%)	90.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	22		
Winter	23		

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.)	None, , , 0
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	If they install piped water supply system, poura consider metering system to reduce water wastage.	Unhygienic drinking water (%)	Do not know
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	8
Average household income/month (Tk)	22,000-25,000	Problems in non-piped water supply area	Water level decreases at summer season, not sufficient quantity is available. Water aquifer is shallow-deep (40-50m), there is no source from deep wells due to hard rock.
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	0.64		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	High	N
Deep well	-	-
Surface water sources	None	Do not know
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	1-2
Shallow well	281	95-98	96
Deep well	0	0	1-2
Ponds	0	2	0
Other sources	12	40,944	40,910

Decrease of ground water level	
Shallow well (m/year)	0.3
Deep well (m/year)	Not known

Shitakunda**A. Pourashava Profile**

Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	70.0
District	Chittagong	Water sealed slab latrine (%)	20.0
Year established	1998	Water-related diseases	Arsenicosis, Diarrhea, , Typhoid, Dysentery, Y (Jondis (Hepatitis))
Contact Tel/Fax	302856444	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	62,011	Annual budget (Tk)	118,176,075
Nos. of households (FY2010/2011)	6,543	Revenue (Tk)	10,954,075
Literacy (%)	71.0	Expenditure (Tk)	107,222,000
Land area (km ²)	28.0	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	16.4	Committee formed	
Residential area pop. density (persons/ha)	38	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	25.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	18		

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.)	None, , , 800
Water meter	Yes	Arsenic contaminated water supply (%)	80
Reasons	To use the water properly and collect the bill correctly.	Unhygienic drinking water (%)	50
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	60
Average household income/month (Tk)	Not given	Problems in non-piped water supply area	Arsenic and salinity on shallow wells, Shallow wells are contaminated by human waste.
Affordability for piped water (Tk/month)	Not given		
Affordable price in total household income (%)	Not given		

3. Potential Water Sources for Non-Piped Water Supply System

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	Arsenic and bacteria
Deep well	High	N
Surface water sources	-	-
Other sources	No	-

2. Existing Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	1,500	80	20
Deep well	50	10	0
Ponds	120	0	80
Other sources	10	10	0

Decrease of ground water level	
Shallow well (m/year)	0.3
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Chittagong	Latrine with septic tank (%)	15.5
District	Noakhali	Water sealed slab latrine (%)	70.9
Year established	2003	Water-related diseases	Arsenicosis, Diarrhea, Typhoid, Dysentery,
Contact Tel/Fax	03227-51004	Technical staff (Nos.)	4
E-mail	mayor.sonaimuri@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	42,268	Annual budget (Tk)	179,677,534
Nos. of households (FY2010/2011)	5,874	Revenue (Tk)	34,110,000
Literacy (%)	66.2	Expenditure (Tk)	31,611,000
Land area (km ²)	13.1	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	2.8	Committee formed	
Residential area pop. density (persons/ha)	151	TLCC /Frequency of meeting	No
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	Yes, 3 months
Electricity availability (hrs)			
Summer	6		
Winter	18		
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.)	Do not know
Water meter	Yes	Arsenic contaminated water supply (%)	30
Reasons	To prevent wastage of water.	Unhygienic drinking water (%)	10
		% of people using neighbor's well for drinking	15
		Problems in non-piped water supply area	Arsenic, Iron
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	6,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	150	Shallow well	Moderate Arsenic, Iron, Saline
Affordable price in total household income (%)	2.50	Deep well	High Iron
2. Existing Water Sources in Non-Piped Water Supply Area			
		Surface water sources	- -
		Other sources	No -
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	3,800	79	50
Deep well	220	21	10
Ponds	794	0	20
Other sources	19	0	20

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	22.0
District	Narayanganj	Water sealed slab latrine (%)	20.0
Year established	2001	Water-related diseases	Arsenicosis, , Typhoid, ,
Contact Tel/Fax	02-7656204	Technical staff (Nos.)	2
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	35,000	Annual budget (Tk)	140,258,485
Nos. of households (FY2010/2011)	5,500	Revenue (Tk)	59,662,252
Literacy (%)	80.0	Expenditure (Tk)	24,470,535
Land area (km ²)	9.5	Computerization	Holding tax management, Accounting, , , Rate schedule and estimate preparation, Engineering, , ,
Residential area (km ²)	4.8	Committee formed	
Residential area pop. density (persons/ha)	74	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	25.0	WATSAN/Frequency of meeting	Yes, 1 month
Electricity availability (hrs)			
Summer	17		
Winter	20		
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.)	80
Water meter	Yes	Arsenic contaminated water supply (%)	80
Reasons	Control of use	Unhygienic drinking water (%)	5
		% of people using neighbor's well for drinking	60
		Problems in non-piped water supply area	Arsenic, Iron,
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	3,000	Potential water sources	<u>Evaluation</u> <u>WQ problems</u>
Affordability for piped water (Tk/month)	90	Shallow well	None Arsenic, Iron
Affordable price in total household income (%)	3.00	Deep well	Moderate Fe
2. Existing Water Sources in Non-Piped Water Supply Area			
		Surface water sources	Moderate Industrial Waste
		Other sources	Yes -
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known
Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,000	90	90
Deep well	50	10	10
Ponds	0	0	0
Other sources	0	0	0

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	30.0
District	Bogra	Water sealed slab latrine (%)	30.0
Year established	2001	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05032-79100/124	Technical staff (Nos.)	6
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	21,919	Annual budget (Tk)	29,136,435
Nos. of households (FY2010/2011)	4,540	Revenue (Tk)	10,341,323
Literacy (%)	78.0	Expenditure (Tk)	10,325,964
Land area (km ²)	12.4	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	5.8	Committee formed	
Residential area pop. density (persons/ha)	38	TLCC /Frequency of meeting	No
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	16		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	(i) Ensure the proper use of water, (ii) To identify quantity of water used for billing, (iii) To estimate water not billed, (iv) To save loss etc.	Unhygienic drinking water (%)	1
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	5
Average household income/month (Tk)	7,000	Problems in non-piped water supply area	More iron, Problem of low water table in dry season
Affordability for piped water (Tk/month)	150		
Affordable price in total household income (%)	2.14		
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 (%)
River	0	0	0
Shallow well	4,000	100	80
Deep well	0	0	0
Ponds	100	0	20
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	0.2
		Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	10.0
District	Sherpur	Water sealed slab latrine (%)	50.0
Year established	2004	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	0932-556211	Technical staff (Nos.)	1
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	28,000	Annual budget (Tk)	88,976,631
Nos. of households (FY2010/2011)	6,116	Revenue (Tk)	57,753,980
Literacy (%)	95.0	Expenditure (Tk)	53,300,000
Land area (km ²)	11.0	Computerization	, , , , , , , , , , ,
Residential area (km ²)	3.9	Committee formed	
Residential area pop. density (persons/ha)	73	TLCC /Frequency of meeting	No
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	10		
Winter	16		
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.)	None, , ,
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	Water Meter should be installed and all will pay the bill accordingly.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	2
Average household income/month (Tk)	13,000	Problems in non-piped water supply area	Declination of ground water level,
Affordability for piped water (Tk/month)	130		
Affordable price in total household income (%)	1.00		
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 (%)
River	0	0	0
Shallow well	5,000	100	100
Deep well	0	0	0
Ponds	0	0	0
Other sources	0	0	0
		Decrease of ground water level	
		Shallow well (m/year)	Not known
		Deep well (m/year)	Not known

A. Pourashava Profile

Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	0.0
District	Gazipur	Water sealed slab latrine (%)	89.0
Year established	2000	Water-related diseases	, Diarrhea, Cholera, Typhoid, ,
Contact Tel/Fax	06825-51310	Technical staff (Nos.)	7
E-mail		Financial statements (2010/2011)	0
Population (FY2010/2011)	120,000	Annual budget (Tk)	270,980,937
Nos. of households (FY2010/2011)	16,313	Revenue (Tk)	173,013,400
Literacy (%)	65.0	Expenditure (Tk)	146,529,481
Land area (km ²)	47.0	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, Procurement.
Residential area (km ²)	11.7	Committee formed	
Residential area pop. density (persons/ha)	102	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	80.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	10		

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 reduce wastage.	Arsenic contaminated water supply (%)	0
		Unhygienic drinking water (%)	0
		% of people using neighbor's well for drinking	45
		Problems in non-piped water supply area	Iron , Water table declining
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	15,000		
Affordability for piped water (Tk/month)	300		
Affordable price in total household income (%)	2.00		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	10,000	70	60
Deep well	40	30	10
Ponds	55	0	30
Other sources	0	0	0

Potential water sources	Evaluation	WQ problems
Shallow well	None	Iron
Deep well	High	No problem
Surface water sources	Moderate	No problem
Other sources	Yes	-

Decrease of ground water level

Shallow well (m/year)	0.3
Deep well (m/year)	0.3

Sunderganj**A. Pourashava Profile**

Class	C	Sanitation coverage	
Division	Rangpur	Latrine with septic tank (%)	18.0
District	Gaibandha	Water sealed slab latrine (%)	55.0
Year established	2003	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 05427-64070	Technical staff (Nos.)	4
E-mail	sundargonjpourashava@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	22,595	Annual budget (Tk)	23,709,328
Nos. of households (FY2010/2011)	3,430	Revenue (Tk)	8,198,712
Literacy (%)	78.0	Expenditure (Tk)	8,903,407
Land area (km ²)	6.5	Computerization	, , , , Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	3.1	Committee formed	
Residential area pop. density (persons/ha)	72	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	70.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	8		
Winter	12		

D. Non-Piped Water Supply Area**1. Necessity of Piped Water Supply**

Necessity of Piped water	Yes	Main treatment method in domestic	None, , ,
Water meter	Yes	As contaminated wells (Nos.)	No data
Reasons	- To calculate the revenue water - Ensure the proper use of water - Quantity of water supply.	Arsenic contaminated water supply (%)	0
		Unhygienic drinking water (%)	No data
		% of people using neighbor's well for drinking	10
		Problems in non-piped water supply area	More iron, The depth of hand pump is not enough
Affordability (answered by pourashava staff)		3. Potential Water Sources for Non-Piped Water Supply System	
Average household income/month (Tk)	6,000		
Affordability for piped water (Tk/month)	100		
Affordable price in total household income (%)	1.66		

2. Exiting Water Sources in Non-Piped Water Supply Area

Source	Nos. of source	Drinking (%)	Domestic (%)
River	0	0	0
Shallow well	2,000	100	95
Deep well	0	0	0
Ponds	200	0	5
Other sources	0	0	0

Potential water sources	Evaluation	WQ problems
Shallow well	Moderate	More Iron
Deep well	-	-
Surface water sources	-	-
Other sources	No	-

Decrease of ground water level

Shallow well (m/year)	Not known
Deep well (m/year)	Not known

A. Pourashava Profile			
Class	C	Sanitation coverage	
Division	Rajshahi	Latrine with septic tank (%)	30.0
District	Rajshahi	Water sealed slab latrine (%)	60.0
Year established	1995	Water-related diseases	, Diarrhea, , , Dysentery,
Contact Tel/Fax	Tel: 07229-56040	Technical staff (Nos.)	8
E-mail	firajsarkar.mayor@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	65,000	Annual budget (Tk)	32,681,048
Nos. of households (FY2010/2011)	4,985	Revenue (Tk)	6,210,000
Literacy (%)	76.0	Expenditure (Tk)	5,485,000
Land area (km ²)	27.2	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	17.7	Committee formed	
Residential area pop. density (persons/ha)	37	TLCC /Frequency of meeting	Yes, 3 months
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	22		
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.)	None, , , None
Water meter	Yes	Arsenic contaminated water supply (%)	0
Reasons	- To save the waste water. - And knowing about water production and delivery.	Unhygienic drinking water (%)	0
Affordability (answered by pourashava staff)		% of people using neighbor's well for drinking	35
Average household income/month (Tk)	12,000	Problems in non-piped water supply area	Tube wells water table down about 5m, About 20-25% Tube wells Off due to no water in the bottom layer.
Affordability for piped water (Tk/month)	(i) No idea, (ii) People will pay according		
Affordable price in total household income (%)	0.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
		3. Potential Water Sources for Non-Piped Water Supply System	
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	15
Shallow well	3,500	94	70
Deep well	150	4	0
Ponds	0	2	15
Other sources	0	0	0
Potential water sources	Evaluation	WQ problems	
Shallow well	Moderate	No problem	
Deep well	High	No problem	
Surface water sources	None	No data	
Other sources	Yes	-	
Decrease of ground water level			
Shallow well (m/year)		Not known	
Deep well (m/year)		Not known	

A. Pourashava Profile			
Class	B	Sanitation coverage	
Division	Dhaka	Latrine with septic tank (%)	55.0
District	Narayanganj	Water sealed slab latrine (%)	25.0
Year established	2002	Water-related diseases	, Diarrhea, Cholera, Typhoid, Dysentery, Jondis
Contact Tel/Fax	0	Technical staff (Nos.)	6
E-mail	tarabopouramayor@gmail.com	Financial statements (2010/2011)	0
Population (FY2010/2011)	400,000	Annual budget (Tk)	133,940,000
Nos. of households (FY2010/2011)	14,000	Revenue (Tk)	38,940,000
Literacy (%)	84.0	Expenditure (Tk)	10,085,000
Land area (km ²)	24.6	Computerization	Holding tax management, Accounting, Trade license, Salary payment, Rate schedule and estimate preparation, Engineering, Yearly logical budget preparation, ,
Residential area (km ²)	8.6	Committee formed	
Residential area pop. density (persons/ha)	465	TLCC /Frequency of meeting	Yes, 1 month
Electricity coverage (%)	95.0	WATSAN/Frequency of meeting	No
Electricity availability (hrs)			
Summer	14		
Winter	18		
D. Non-Piped Water Supply Area			
1. Necessity of Piped Water Supply			
Necessity of Piped water	Yes	Main treatment method in domestic	, Boiling, , Filtration
Water meter	Yes	As contaminated wells (Nos.)	Do not know
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.	Arsenic contaminated water supply (%)	Do not know
Affordability (answered by pourashava staff)		Unhygienic drinking water (%)	20
Average household income/month (Tk)	15,000	% of people using neighbor's well for drinking	25
Affordability for piped water (Tk/month)	300	Problems in non-piped water supply area	Declination of Ground Water Level, water contain high amount oh Iron (Fe),
Affordable price in total household income (%)	2.00		
2. Existing Water Sources in Non-Piped Water Supply Area			
Source	Nos. of source	Drinking (%)	Domestic (%)
River	1	0	0
Shallow well	7,000	0	60
Deep well	1,000	100	35
Ponds	45	0	5
Other sources	0	0	0
3. Potential Water Sources for Non-Piped Water Supply System			
Potential water sources	Evaluation	WQ problems	
Shallow well	High	Iron	
Deep well	High	Iron	
Surface water sources	Moderate	Industrial waste	
Other sources	No	-	
Decrease of ground water level			
Shallow well (m/year)		Not known	
Deep well (m/year)		Not known	

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List of Pourashavas with Piped Water Supply System (by division and by district)

Division	District	Piped Pourashava Name	Ref. No.*	Page No.
Barisal	Barguna	Amtali	BS-P-2	1
Barisal	Barguna	Barguna	BS-P-1	11
Barisal	Barguna	Patharghata	BS-P-3	205
Barisal	Barisal	Bakerganj	BS-P-6	7
Barisal	Barisal	Gownadi	BS-P-4	83
Barisal	Barisal	Mehendiganj	BS-P-7	151
Barisal	Bhola	Bhola	BS-P-8	25
Barisal	Bhola	Borhanuddin	BS-P-11	31
Barisal	Bhola	Charfeshon	BS-P-10	43
Barisal	Bhola	Lalmohon	BS-P-9	137
Barisal	Jhalakati	Jhalakati	BS-P-12	101
Barisal	Patuakhali	Galachipa	BS-P-15	71
Barisal	Patuakhali	Kalapara	BS-P-16	109
Barisal	Patuakhali	Patuakhali	BS-P-14	207
Barisal	Pirojpur	Pirojpur (ADB)	BS-P-18	209
Barisal	Pirojpur	Sarupkathi	BS-P-17	233
Chittagong	Bandarban	Bandarban	CG-P-1	9
Chittagong	Brahmanbaria	Brahmanbaria (ADB)	CG-P-3	33
Chittagong	Chandpur	Cengarchar	CG-P-9	35
Chittagong	Chandpur	Chandpur	CG-P-4	39
Chittagong	Chandpur	Haziganj	CG-P-5	87
Chittagong	Chandpur	Kachua	CG-P-7	107
Chittagong	Chandpur	Matlab	CG-P-8	149
Chittagong	Chandpur	Saharasti	CG-P-6	225
Chittagong	Comilla	Barora	CG-P-17	13
Chittagong	Comilla	Chandina	CG-P-16	37
Chittagong	Comilla	Daudkandi	CG-P-15	57
Chittagong	Comilla	Laksham	CG-P-14	133
Chittagong	Cox's Bazar	Cox's Bazar	CG-P-18	53
Chittagong	Feni	Feni	CG-P-20	63
Chittagong	Khagrachari	Khagrachari	CG-P-22	119
Chittagong	Khagrachari	Ramgarh	CG-P-23	217
Chittagong	Lakshmipur	Lakshmipur (ADB)	CG-P-25	135
Chittagong	Lakshmipur	Ramganj	CG-P-27	215
Chittagong	Lakshmipur	Raypur	CG-P-26	223
Chittagong	Noakhali	Chowmohoni	CG-P-28	49
Chittagong	Noakhali	Kabirhat	CG-P-30	105
Chittagong	Noakhali	Noakhali	CG-P-29	193
Chittagong	Rangamati	Rangamati	CG-P-32	219
Dhaka	Dhaka	Savar (JICA2)	DK-P-1	237
Dhaka	Faridpur	Bhanga	DK-P-3	19
Dhaka	Faridpur	Faridpur	DK-P-2	61
Dhaka	Gazipur	Gazipur	DK-P-6	73
Dhaka	Gazipur	Tongi	DK-P-4	267
Dhaka	Gopalganj	Gopalgonj	DK-P-7	77
Dhaka	Gopalganj	Tongipara	DK-P-8	269
Dhaka	Jamalpur	Jamalpur	DK-P-10	97
Dhaka	Jamalpur	Sarisabari	DK-P-11	231

Division	District	Piped Pourashava Name	Ref. No.*	Page No.
Dhaka	Kishorganj	Bajitpur	DK-P-14	5
Dhaka	Kishorganj	Bhairab	DK-P-13	17
Dhaka	Kishorganj	Katiadi	DK-P-15	117
Dhaka	Kishorganj	Kishorganj	DK-P-12	121
Dhaka	Madaripur	Kalkini	DK-P-18	115
Dhaka	Madaripur	Madaripur (ADB)	DK-P-16	141
Dhaka	Manikganj	Manikganj (JICA2)	DK-P-19	147
Dhaka	Munshiganj	Mirkadim	DK-P-21	155
Dhaka	Munshiganj	Munshiganj	DK-P-20	169
Dhaka	Mymensingh	Gouripur	DK-P-24	81
Dhaka	Mymensingh	Muktagacha	DK-P-23	165
Dhaka	Mymensingh	Mymensingh (ADB)	DK-P-22	171
Dhaka	Mymensingh	Trisal	DK-P-25	271
Dhaka	Narshingdi	Ghorasal	DK-P-27	75
Dhaka	Narshingdi	Monohordi	DK-P-29	161
Dhaka	Narshingdi	Narshingdi (ADB)	DK-P-26	185
Dhaka	Narshingdi	Shibpur	DK-P-28	251
Dhaka	Netrokona	Netrokona (ADB)	DK-P-32	189
Dhaka	Rajbari	Pangsa	DK-P-35	201
Dhaka	Rajbari	Rajbari	DK-P-34	213
Dhaka	Shariatpur	Damoda	DK-P-38	55
Dhaka	Shariatpur	Jajira	DK-P-37	95
Dhaka	Sherpur	Nalitabari	DK-P-42	175
Dhaka	Shariatpur	Naria	DK-P-39	183
Dhaka	Shariatpur	Shariatpur	DK-P-36	245
Dhaka	Sherpur	Sherpur	DK-P-41	249
Dhaka	Shariatpur	Vedarganj	DK-P-40	273
Dhaka	Tangail	Gopalpur	DK-P-44	79
Dhaka	Tangail	Tangail	DK-P-43	263
Khulna	Bagerhat	Bagerhat	KN-P-1	3
Khulna	Bagerhat	Monglaport	KN-P-2	159
Khulna	Chuadanga	Chuadanga	KN-P-4	51
Khulna	Jessore	Jessore (ADB)	KN-P-7	99
Khulna	Jessore	Noapara	KN-P-8	195
Khulna	Jessore	Zhikargacha	KN-P-9	275
Khulna	Jhenaidah	Kaliganj	KN-P-26	113
Khulna	Jhenaidah	Kothchandpur	KN-P-12	123
Khulna	Jhenaidah	Jhenaidah (ADB)	KN-P-11	103
Khulna	Jhenaidah	Mohespur	KN-P-13	157
Khulna	Jhenaidah	Sailakupa	KN-P-14	227
Khulna	Kushtia	Bheramara	KN-P-19	23
Khulna	Kushtia	Kushtia	KN-P-16	129
Khulna	Kushtia	Kumarkhali	KN-P-17	125
Khulna	Magura	Magura	KN-P-20	145
Khulna	Meherpur	Meherpur	KN-P-21	153
Khulna	Narail	Kalia	KN-P-23	111
Khulna	Narail	Narail	KN-P-22	181
Khulna	Satkhira	Satkhira	KN-P-24	235
Rajshahi	Bogra	Bogra	RJ-P-1	29
Rajshahi	Bogra	Gabtali	RJ-P-3	67
Rajshahi	Bogra	Santahar	RJ-P-2	229
Rajshahi	Chapainawabganj	Chapainawabganj	RJ-P-11	41
Rajshahi	Chapainawabganj	Rahanpur	RJ-P-12	211
Rajshahi	Jaipurhat	Jaipurhat (ADB)	RJ-P-4	93

Division	District	Piped Pourashava Name	Ref. No. *	Page No.
Rajshahi	Natore	Gurudaspur	RJ-P-8	85
Rajshahi	Naogaon	Najipur	RJ-P-7	173
Rajshahi	Naogaon	Naogaon	RJ-P-6	177
Rajshahi	Natore	Natore (ADB)	RJ-P-10	187
Rajshahi	Natore	Singra	RJ-P-9	253
Rajshahi	Pabna	Bera	RJ-P-14	15
Rajshahi	Pabna	Bhangura	RJ-P-17	21
Rajshahi	Pabna	Chatmohar	RJ-P-16	47
Rajshahi	Pabna	Ishwardi	RJ-P-15	91
Rajshahi	Pabna	Pabna	RJ-P-13	197
Rajshahi	Pabna	Shathia	RJ-P-18	247
Rajshahi	Pabna	Sujanagar	RJ-P-21	259
Rajshahi	Rajshahi	Charghat	RJ-P-22	45
Rajshahi	Rajshahi	Mundumala	RJ-P-23	167
Rajshahi	Rajshahi	Naohata	RJ-P-24	179
Rajshahi	Sirajganj	Shahjadpur	RJ-P-20	243
Rajshahi	Sirajganj	Sirajganj (ADB)	RJ-P-19	255
Rangpur	Dinajpur	Birampur	RP-P-4	27
Rangpur	Dinajpur	Dinajpur	RP-P-3	59
Rangpur	Dinajpur	Fulbari	RP-P-7	65
Rangpur	Dinajpur	Parbatipur	RP-P-5	203
Rangpur	Dinajpur	Setabganj	RP-P-6	241
Rangpur	Gaibandha	Gaibandha	RP-P-1	69
Rangpur	Kurigram	Kurigram	RP-P-11	127
Rangpur	Lalmonirhat	Lalmonirhat	RP-P-13	139
Rangpur	Nilphamari	Nilphamari	RP-P-10	191
Rangpur	Nilphamari	Sayedpur	RP-P-9	239
Rangpur	Panchagarh	Panchagarh	RP-P-12	199
Rangpur	Rangpur	Rangpur	RP-P-2	221
Rangpur	Thakurgaon	Thakurgaon	RP-P-8	265
Sylhet	Hobiganj	Hobiganj	SL-P-1	89
Sylhet	Hobiganj	Madhabpur	SL-P-2	143
Sylhet	Moulavibazar	Moulavibazar (ADB)	SL-P-4	163
Sylhet	Moulavibazar	Sreemongal	SL-P-5	257
Sylhet	Sunamganj	Sunamganj	SL-P-9	261

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

List of Pourashavas without Piped Water Supply System (by division and by district)

Division	District	Non-piped Pourashava Name	Ref. No.*	Page No.
Barisal	Barguna	Betagi	BS-N-1	288
Barisal	Barisal	Banaripara	BS-N-7	283
Barisal	Barisal	Muladi(JICA)	BS-N-2	337
Barisal	Bhola	Doulatkhan	BS-N-3	303
Barisal	Jhalakati	Nalchity	BS-N-8	341
Barisal	Patuakhali	Bauphal	BS-N-4	286
Barisal	Patuakhali	Kuakata	BS-N-5	327
Barisal	Pirojpur	Mathbaria(JICA)	BS-N-6	332
Chittagong	Bandarban	Lama	CG-N-31	329
Chittagong	Brahmanbaria	Akhaura	CG-N-3	277
Chittagong	Brahmanbaria	Kasba	CG-N-1	323
Chittagong	Brahmanbaria	Nabinagar(JICA)	CG-N-2	338
Chittagong	Chandpur	Faridganj	CG-N-4	305
Chittagong	Chittagong	Banshkhal	CG-N-10	283
Chittagong	Chittagong	Baraiarhat	CG-N-7	284
Chittagong	Chittagong	Chandanaish	CG-N-9	294
Chittagong	Chittagong	Fhatikchari	CG-N-11	306
Chittagong	Chittagong	Mirsharai	CG-N-8	334
Chittagong	Chittagong	Patia	CG-N-29	346
Chittagong	Chittagong	Rangunia	CG-N-6	349
Chittagong	Chittagong	Rawjan	CG-N-33	350
Chittagong	Chittagong	Satkania	CG-N-5	353
Chittagong	Chittagong	Shandia	CG-N-27	354
Chittagong	Chittagong	Shitakunda	CG-N-28	356
Chittagong	Comilla	Chauddagram	CG-N-15	295
Chittagong	Comilla	Debiddar	CG-N-12	298
Chittagong	Comilla	Homna	CG-N-14	314
Chittagong	Comilla	Nagalcoat	CG-N-13	339
Chittagong	Cox's Bazar	Chakoria	CG-N-32	293
Chittagong	Cox's Bazar	Moheskhal	CG-N-17	335
Chittagong	Cox's Bazar	Teknaf	CG-N-16	363
Chittagong	Feni	Cagalnaiya	CG-N-30	292
Chittagong	Feni	Daganbhuiyan	CG-N-18	297
Chittagong	Feni	Parsuram	CG-N-19	345
Chittagong	Feni	Sonagazi	CG-N-20	357
Chittagong	Khagrachari	Matiranga	CG-N-34	333
Chittagong	Lakshmipur	Ramgati	CG-N-21	348
Chittagong	Noakhali	Basurhat	CG-N-24	286
Chittagong	Noakhali	Chatkhil(JICA)	CG-N-25	294
Chittagong	Noakhali	Haita	CG-N-23	312
Chittagong	Noakhali	Senbagh	CG-N-26	353
Chittagong	Noakhali	Sonaimuri	CG-N-22	358
Chittagong	Rangamati	Baghaichari	CG-N-35	282
Dhaka	Dhaka	Dhamrai(JICA2)	DK-N-1	300
Dhaka	Dhaka	Dohar(JICA)	DK-N-2	302
Dhaka	Faridpur	Boalmari	DK-N-4	291
Dhaka	Faridpur	Nagarkanda	DK-N-3	340
Dhaka	Mymensingh	Nandail	DK-N-20	342
Dhaka	Mymensingh	Phulpur	DK-N-21	347
Dhaka	Gazipur	Kaliakoir	DK-N-6	320

Division	District	Non-piped Pourashava Name	Ref. No.*	Page No.
Dhaka	Gazipur	Kaliganj	DK-N-48	320
Dhaka	Gazipur	Sreepur	DK-N-5	360
Dhaka	Gopalganj	Muksudpur	DK-N-7	337
Dhaka	Jalalpur	Dewanganj	DK-N-11	299
Dhaka	Jalalpur	Islampur	DK-N-9	316
Dhaka	Jalalpur	Madarganj	DK-N-8	330
Dhaka	Jalalpur	Melandaha	DK-N-10	333
Dhaka	Kishorganj	Hossainpur	DK-N-14	315
Dhaka	Kishorganj	Karimganj	DK-N-13	323
Dhaka	Kishorganj	Kuliarchar	DK-N-12	328
Dhaka	Kishorganj	Pakundia	DK-N-15	344
Dhaka	Madaripur	Shibchar	DK-N-44	355
Dhaka	Manikganj	Singair(JICA2)	DK-N-16	357
Dhaka	Mymensingh	Bhaluka	DK-N-18	288
Dhaka	Mymensingh	Fhulbaria	DK-N-22	306
Dhaka	Mymensingh	Gafargaon	DK-N-17	307
Dhaka	Mymensingh	Ishwarganj	DK-N-19	315
Dhaka	Narayanganj	Araihazar	DK-N-46	279
Dhaka	Narayanganj	Gopaldi	DK-N-47	311
Dhaka	Narayanganj	Kanchan	DK-N-27	322
Dhaka	Narayanganj	Sonargaon	DK-N-25	358
Dhaka	Narayanganj	Tarabo	DK-N-26	362
Dhaka	Narshingdi	Madhabdi(JICA)	DK-N-23	331
Dhaka	Narshingdi	Raypura	DK-N-24	350
Dhaka	Netrokona	Durgapur	DK-N-30	303
Dhaka	Netrokona	Kendua	DK-N-28	325
Dhaka	Netrokona	Madan	DK-N-29	330
Dhaka	Netrokona	Mohonganj	DK-N-45	336
Dhaka	Rajbari	Goalandaghat	DK-N-31	309
Dhaka	Shariatpur	Goshairhat	DK-N-32	312
Dhaka	Sherpur	Nakla	DK-N-34	341
Dhaka	Sherpur	Sreebardi	DK-N-33	369
Dhaka	Tangail	Bashail	DK-N-43	285
Dhaka	Tangail	Bhuapur	DK-N-40	289
Dhaka	Tangail	Dhanbari	DK-N-41	300
Dhaka	Tangail	Elanga	DK-N-42	304
Dhaka	Tangail	Ghatail	DK-N-35	308
Dhaka	Tangail	Kalihati	DK-N-38	321
Dhaka	Tangail	Sakhipur	DK-N-37	352
Dhaka	Tangail	Madhupur	DK-N-39	331
Dhaka	Tangail	Mirzapur	DK-N-36	335
Khulna	Bagerhat	Morolganj	KN-N-16	336
Khulna	Chuadanga	Alamdanga(JICA)	KN-N-1	278
Khulna	Chuadanga	Darshana	KN-N-13	297
Khulna	Chuadanga	Jibonnagar	KN-N-12	317
Khulna	Jessore	Bagherpara	KN-N-5	282
Khulna	Jessore	Benapol	KN-N-2	287
Khulna	Jessore	Chaugachha	KN-N-3	296
Khulna	Jessore	Keshobpur	KN-N-15	325
Khulna	Jessore	Manirampur(JICA)	KN-N-4	332
Khulna	Jhenaidah	Harinakunda	KN-N-6	314
Khulna	Khulna	Chalna	KN-N-8	293
Khulna	Khulna	Paikgacha	KN-N-17	343
Khulna	Kushtia	Khoksa	KN-N-9	327

Division	District	Non-piped Pourashava Name	Ref. No.*	Page No.
Khulna	Kushtia	Mirpur	KN-N-14	334
Khulna	Meherpur	Gangni	KN-N10	307
Khulna	Narail	Lohagara	KN-N11	329
Khulna	Satkhira	Kalaroa	KN-N-18	319
Rajshahi	Bogra	Dhunat	RJ-N-9	301
Rajshahi	Bogra	Dhupchachia	RJ-N-4	301
Rajshahi	Bogra	Kahaloo	RJ-N-7	318
Rajshahi	Bogra	Nandigram	RJ-N-2	343
Rajshahi	Bogra	Sariakandi	RJ-N-3	352
Rajshahi	Bogra	Sherpur	RJ-N-1	354
Rajshahi	Bogra	Shibganj	RJ-N-6	355
Rajshahi	Bogra	Sonatala	RJ-N-5	359
Rajshahi	Bogra	Talora	RJ-N-8	361
Rajshahi	Chapainawabganj	Nachole	RJ-N-20	339
Rajshahi	Chapainawabganj	Shibganj(JICA)	RJ-N-19	356
Rajshahi	Jaipurhat	Akkelpur	RJ-N-11	278
Rajshahi	Jaipurhat	Kalai	RJ-N-12	319
Rajshahi	Jaipurhat	Khatlal	RJ-N-42	326
Rajshahi	Jaipurhat	Panchbibi	RJ-N-10	345
Rajshahi	Pabna	Athgharia	RJ-N-23	280
Rajshahi	Naogaon	Dhamirhat	RJ-N-13	299
Rajshahi	Natore	Bagatipara	RJ-N-17	281
Rajshahi	Natore	Baraigram	RJ-N-18	284
Rajshahi	Natore	Bonapara	RJ-N-15	292
Rajshahi	Natore	Gopalpur	RJ-N-14	311
Rajshahi	Natore	Naldanga	RJ-N-16	342
Rajshahi	Pabna	Faridpur	RJ-N-22	305
Rajshahi	Rajshahi	Arani	RJ-N-36	279
Rajshahi	Rajshahi	Bagha	RJ-N-29	281
Rajshahi	Rajshahi	Bhawaniganj	RJ-N-28	289
Rajshahi	Rajshahi	Durgapur	RJ-N-37	304
Rajshahi	Rajshahi	Godagari(JICA)	RJ-N-24	310
Rajshahi	Rajshahi	Kakanhat	RJ-N-30	318
Rajshahi	Rajshahi	Katakhal	RJ-N-34	324
Rajshahi	Rajshahi	Keshorehat	RJ-N-35	326
Rajshahi	Rajshahi	Puthia	RJ-N-32	348
Rajshahi	Rajshahi	Taherpur	RJ-N-25	361
Rajshahi	Rajshahi	Tanore	RJ-N-26	362
Rajshahi	Sirajganj	Belkuchi	RJ-N-38	287
Rajshahi	Sirajganj	Kazipur	RJ-N-40	324
Rajshahi	Sirajganj	Royganj	RJ-N-39	351
Rajshahi	Sirajganj	Ullahpara	RJ-N-41	364
Rangpur	Dinajpur	Birganj	RP-N-8	290
Rangpur	Dinajpur	Hakimpur	RP-N-7	313
Rangpur	Gaibandha	Palashbari	RP-N-3	344
Rangpur	Gaibandha	Sunderganj	RP-N-1	360
Rangpur	Kurigram	Nagashwari	RP-N-13	340
Rangpur	Kurigram	Ulipur	RP-N-14	363
Rangpur	Lalmोनirhat	Patgram	RP-N-16	346
Rangpur	Nilphamari	Domar	RP-N-12	302
Rangpur	Nilphamari	Jaldhaka	RP-N-11	317
Rangpur	Dinajpur	Ghoraghat	RP-N-6	308
Rangpur	Gaibandha	Gobindaganj	RP-N-2	309
Rangpur	Panchagarh	Boda	RP-N-15	291

Division	District	Non-piped Pourashava Name	Ref. No.*	Page No.
Rangpur	Rangpur	Badarganj	RP-N-5	280
Rangpur	Rangpur	Haragacha	RP-N-4	313
Rangpur	Thakurgaon	Pirganj	RP-N-9	347
Rangpur	Thakurgaon	Ranisankail	RP-N-10	349
Sylhet	Hobiganj	Ajmiriganj	SL-N-3	277
Sylhet	Hobiganj	Chunarughat	SL-N-1	296
Sylhet	Hobiganj	Nabiganj	SL-N-9	338
Sylhet	Hobiganj	Saistaganj(JICA)	SL-N-2	351
Sylhet	Moulavibazar	Barlekha	SL-N-4	285
Sylhet	Moulavibazar	Kamalganj	SL-N-5	321
Sylhet	Moulavibazar	Kulaura	SL-N-13	328
Sylhet	Sunamganj	Chattak	SL-N-11	295
Sylhet	Sunamganj	Derai	SL-N-12	298
Sylhet	Sunamganj	Jagannathpur	SL-N-8	316
Sylhet	Sylhet	Biyajibazar	SL-N-10	290
Sylhet	Sylhet	Golapganj	SL-N-14	310
Sylhet	Sylhet	Kanaighat(JICA)	SL-N-7	322
Sylhet	Sylhet	Zakiganj	SL-N-6	364

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

