

Functionality Assessment of Household Tap Connection under National Jal Jeevan Mission - 2022



District Report: South 24 Paraganas, West Bengal Survey Duration: February to March 2022

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Abbreviations

AWC	Aanganwadi Centre
FHTC	Functional Household Tap Connection
Gol	Government of India
GP	Gram Panchayat
HF	Health Facility
HH	Household
HGJ	Har Ghar Jal
JJM	Jal Jeevan Mission
LPCD	Litres per Capita per Day
MVS	Multi-village Scheme
NJJM	National Jal Jeevan Mission
RC	Residual Chlorine
O&M	Operation and Maintenance
OHT	Over Head Tank
PSU	Primary Sampling Unit
PWS	Piped Water Supply
SVS	Single Village Scheme
VAP	Village Action Plan
VWSC	Village Water and Sanitation Committee
WQMIS	Water Quality Monitoring and Information System

Glossary

- 1. **Community** Group of people living in one particular area or village/habitation
- 2. **Cross-sectional research** A cross-sectional study is a type of research design in which data is collected from a relatively large and diverse group of people at a single point in time
- 3. **Drinking water source** Groundwater (open well, borewell, tube well, handpump, spring, etc.)/ surface water (river, lake, pond, reservoir, etc.)/rainwater, available for drinking and domestic use
- 4. Improved sources The following sources as considered improved by the National Family Health Survey definitions: Piped water into dwelling, yard/plot with a tap, piped water connected to public stand-posts, tube well or borewell, Hand pump, dug well– protected, Spring–protected, Rainwater, Water ATM/ Community RO plant/ Community Water Purification Plant (CWPP)
- 5. **Unimproved sources** The following sources as considered unimproved by the National Family Health Survey definitions: Unprotected spring, unprotected dug well, cart with small tank / drum, Tanker/ truck, Surface water (river/ dam/ lake/ pond/ canal), and bottled water
- 6. **Functional Household Tap Connection (FHTC)** A tap connection to a rural household for providing drinking water in adequate quantity of prescribed quality on regular basis.
- 7. **Functionality of FHTC** Functionality of a tap connection is defined as having infrastructure, i.e., household tap connection providing water in adequate quantity, as presented:

Definitions	Fully-functional	Partially-functional	Non-functional
Quantity	>= 55 LPCD	> 40 lpcd - < 55 LPCD	< 40 LPCD
Regularity	12 months or daily basis	9-12 months or < daily basis	< 9 months or < daily basis
Quality	Potable	Potable	Non potable

- 8. **Quantity (in litres)** of water received by households per person per day should meet the service level of 55 LPCD
- 9. **Functionality Assessment** An assessment of the functionality of rural household tap connections based on a sample survey
- 10. **Fully Regular –** Regularity of water is considered when a rural household receives water for 12 months on daily basis or as per schedule.
- 11. **Potability –** Potable water is water that is safe to be used as drinking water. Parameters of potable water are mentioned below:

Parameters for potable water tested in the survey		Unit	Acceptable Limit	Permissible Limit in the absence of
i.	pH (tested on site)	_	6.5 to 8.5	alternative sources No relaxation
ii.	Free residual chlorine (tested on site)	Mg/litre	0.2	1
iii.	Turbidity	NTU	1	5
iv.	Total hardness	Mg/litre	200	600
V.	Total alkalinity	Mg/litre	200	600
vi.	Chloride	Mg/litre	250	1000
vii.	Ammonia	Mg/litre	0.5	No relaxation
viii.	Phosphate	Mg/litre	0.3	1
ix.	Iron (in hotspots only)	Mg/litre	1	No relaxation
X.	Nitrate	Mg/litre	45	No relaxation
xi.	Sulphate	Mg/litre	200	400
xii.	Total dissolved solids	Mg/litre	500	2000

xiii.	Fluoride	Mg/litre	1	1.5	
xiv.	Arsenic (in hotspots only)	Mg/litre	0.01	No relaxation	
XV.	xv. Bacteriological test for Total coliform				
	bacteria and E. coli or thermotolerant		Shall not be detectable in	n any 100 ml sample	
	coliform bacteria				

- 12. **Sampling** Selection of a subset of individuals from within a statistical population to estimate water service delivery among the population. In the current study, households have been sampled to estimate the representation of the village and subsequently of the district as well as of the state.
- 13. Types of schemes: Following are the piped water supply schemes that were assessed
 - a. Mini-solar based piped water supply scheme in isolated/tribal hamlets
 - b. Single Village Scheme (SVS) in villages having adequate groundwater that needs treatment
 - c. Single village scheme (having adequate groundwater/ spring water/ local or surface water source of prescribed Quality)
 - Retrofitting of ongoing schemes taken up under erstwhile NRDWP for the last mile connectivity/ retrofitting of completed rural water supply schemes to make it JJM compliant
 - e. Multi-village PWS scheme with water grids/ regional water supply schemes
- 14. Village Action Plan (VAP) Plan prepared by Gram Panchayat and/ or its sub-committee, i.e., VWSC/ Paani Samiti/ User Group, etc. based on baseline survey, resource mapping and felt needs of the village community to provide FHTC to every rural household, treat the generated greywater and plan its reuse, undertake surveillance activities, etc. VAP also indicates the fund requirement and timelines for completion of work under the Mission and will be approved by the Gram Sabha. Irrespective of the source of funding, all drinking water-related works in the village are taken up based on the VAP.
- 15. **Source Sustainability** includes measures such as aquifer recharge, rainwater harvesting, increased storage capacity of water bodies, reservoirs, de-silting, etc. improve the lifespan of water supply systems
- 16. **Har Ghar Jal (HGJ)** An administrative unit wherein all HHs are provided with water supply through FHTCs is called "Har Ghar Jal".
- 17. **Public Institutions** The public institutions in the survey include Aanganwadi Centre (AWC), Health Facilities, Schools, Gram Panchayat, and government buildings.
- 18. **Working tap connection –** A tap connection supplied water at least one day in the week, preceding of survey
- 19. **Functional Scheme –** A scheme is said to be functional if it was reported to be working for all 12 months in a year.

1. Factsheet

Table 1: District level factsheet

Table 1: District level factsneet	Ctoto	District		
Indicators	State	District		
Functionality status of FHTC at households				
Households (HHs) which received water through FHTC at least once in last 7 days (%)	100	100		
Fully functional (%)	68	21		
Partially functional (%)	30	75		
Non-functional (%)	2	4		
Quantity of water received by households				
Adequate quantity (>55 LPCD) (%)	97	97		
Partially adequate quantity (> 40 LPCD - < 55 LPCD) (%)	1	1		
Inadequate quantity (<40 LPCD) (%)	2	2		
Regularity of water received by households				
Fully Regular Supply (as per schedule) (%)	90	87		
Partially Regular Supply (not as per schedule) (%)	8	11		
Irregular Supply (less than 9 months' supply) (%)	2	2		
Potable (Quality) water received by households				
Potable (%)	76	27		
Non-potable (%)	24	73		
Residual Chlorine (RCL) detected with in permissible limits (%)	20	46		

Household level indicators		
Households receiving water supply daily-7 days a week (%)	96	100
Daily HH requirement of water being met by FHTC (%)	78	61
Households reported FHTC as a primary source of drinking water (%)	72	49
Households purifying water before drinking (%)	18	28
Households paying water service delivery charges (%)	1	4
Households having coping mechanisms during scarcity (%)	27	46
Households aware of grievance redressal mechanism for reporting problems with FHTC (%)	57	60
Households reported incidence of water-borne diseases in the last year (%)	1	3
Households reported a reduction in time and effort in collecting water (%)	86	70
Overall user satisfaction at the household level		
Regularity (%)	85	77
Overall quality (%)	85	71

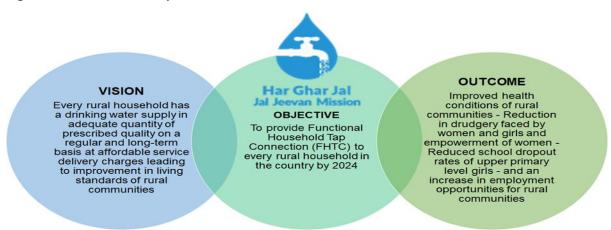
Indicators	State	District
Village level indicators (based on village questionnaire)		
Schemes reported to be functional (%)	69	61
Villages with groundwater resource (%)	55	85
Villages having groundwater recharge structure ¹ (%)	5	25
Water supply and storage status in villages		
Average no. of times water is supplied in a day	3	2
Villages having OHT/ Sump for storage of water (%)	67	65
Water quality monitoring and surveillance in the villages		
Villages with Field Test Kits (%)	32	25
Villages in which bacteriological test was done in last 1 year by VWSC/ Pani Samiti (%)	39	30
Villages reported to have a mechanism for chlorination (%)	56	45
VWSC/Pani Samiti and PWS signage in villages		
Village reported having presence of VWSC/ Pani Samiti (%)	6	10
Villages in which VWSC/ Pani Samiti is responsible for Operation & Maintenance of PWS schemes (%)	0	0
Villages in which persons are trained to use Field Test Kits (%)	32	45
Villages in which signages about JJM were observed (%)	29	20
Operation and maintenance at village		
Villages levying water service delivery to households (%)	2	10
Convergence of JJM activities with other schemes in the villages (%)	2	15
Villages having skilled manpower for Operation & Maintenance of PWS schemes (%)	26	40
Community monitoring of water wastage in villages (%)	14	5

 $^{^{1}}$ Out of villages who reported to have groundwater source (N $_{v}$ =17)

2. Context

Jal Jeevan Mission (JJM) was launched on the 15th of August 2019 with the objective to provide functional household tap connections (FHTCs) to all rural households.

Figure 1: Har Ghar Jal - Objective, Vision, & Outcome



In accordance with the overall objectives as specified in the Operational Guidelines for the implementation of the NJJM, GoI carried out a sample survey to assess the functionality of household tap connections. As part of this endeavour, NJJM, GoI engaged HTA Kantar Public to conduct the 'Functionality Assessment' of the household as well as public institution/buildings such as schools, anganwadis, gram panchayat buildings, public health facilities, and wellness centers in all the rural districts for the fiscal year 2021-22.

2.1. District snapshot: South 24 Paraganas

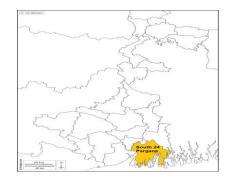
District South 24 Paraganas of West Bengal has a population of 7753286. The district has 14 blocks. Out of 2101 villages in the district, 850 are SC dominated and 8 are ST dominated villages. The district lies in Lower Gangetic Plain Region and receives an annual rainfall of 1766.0mm.

Presented here are district level information collated from the DDWS-IMIS:

Figure 1: District IMIS Status & Map

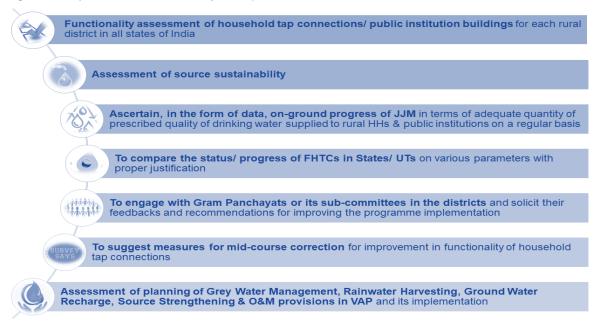
IMIS status:

- 32 (2% of all) villages are Har Ghar Jal
- 2069 (98% of all) villages are Non-Har ghar Jal
- SC/ST dominated district
- Non JE/AES
- Yes- History of water contamination
- 609 (29% of all) villages with PWS with more than 20 FHTC



2.2. FHTC Assessment Objectives

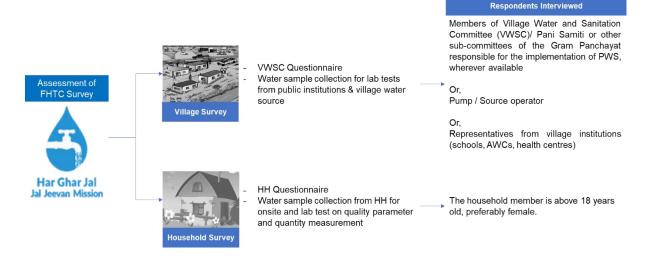
Figure 3: Objectives of Functionality of Tap Connections



2.3. Assessment Methodology

A cross-section research design has been used for this functionality assessment study. Quantitative data were collected from villages and households across all states/UTs using the CAPI (Computer Assisted Personal Interviewing) mode. The survey includes two components, village, and household.

Figure 4: Survey Components & Respondents



2.4. Sample Size

The sample size was calculated to provide estimates with a 95% confidence interval (CI) and 5% margin of error (MoE) after incorporating the correction factor for a finite population considering the total number of geographic units having FHTCs.

Village sample is estimated to be representative at the state level

- HH sample estimated to be representative at the district level
- Number of Har Ghar Jal (HGJ) villages were proportionately sampled at the district level
- All PWS schemes (up to 4) were covered per village. Per scheme approximately 9 (3 each from the head, middle, and tail HHs) or 18 households (6 each from head, middle, and tail HHs) were sampled to achieve the desired sample at the district level.

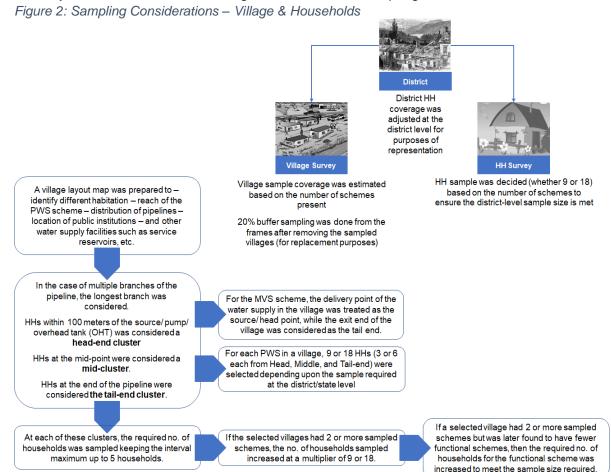
2.5. Sampling Methodology

As per the design, all villages having a PWS scheme with 20 or more functional household tap connections were included in the sample frame. The probability proportionate to size (PPS) method was used for village selection in each district. The steps for random selection of villages using PPS are as presented:

Figure 5: Steps for Village Sampling



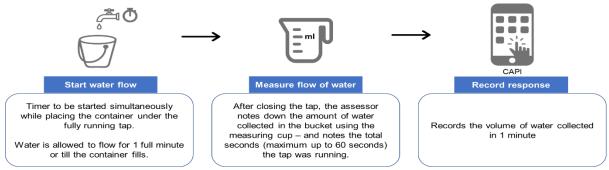
The key considerations for the village and household sampling were:



The record of all district-wise village replacements is maintained and reported as part of the annexure.

2.6. Methodology for Water Quantity Measurement at Households

Figure 7: Steps for Measuring Flowrate from Supply-tap at HHs



The flow rate of the water supply was measured using a container with gradual markings (either 5 litres or 1 litre, based on the flow of the tap) and a stopwatch/timer-watch. The process followed is as described in Figure 7.

In the case of households where the FHTC is connected directly with the storage tank, the following steps were adopted to measure the quantity:

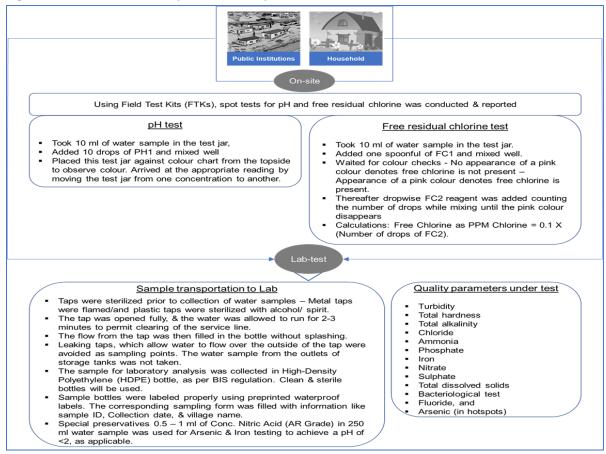
- Assessor first asked and recorded length, breadth, and height.
- Assessor dipped a 5 feet long rod, marked the level of the water table, and calculated the volume – length x breadth x-height of water.
- Next the assessor opened the valve of the connection and allowed the water to flow inside the storage for 10 minutes.
- After 10 mins, the valve was closed, and the assessor again dipped the rod and recorded the new height of the water inside the tank. Based on this new 'height' and the CAPI calculated the changed volume.
- The difference in the volume of water in 10 minutes divided by 10 provided the flow rate of the water supply per minute.

The water flow rate was not measured for village-level public institutions.

2.7. Methodology for Water Quality Measurement

Water quality was tested for all public institutions available in the villages, including schools, anganwadis, gram panchayat buildings, public health facilities, and wellness centers, and at the selected households. Two types of quality tests were carried out – a) spot test for pH and free residual chlorine, and b) water sample was collected and transported to labs for testing against 13 quality parameters (total 15) as specified in Figure 8.

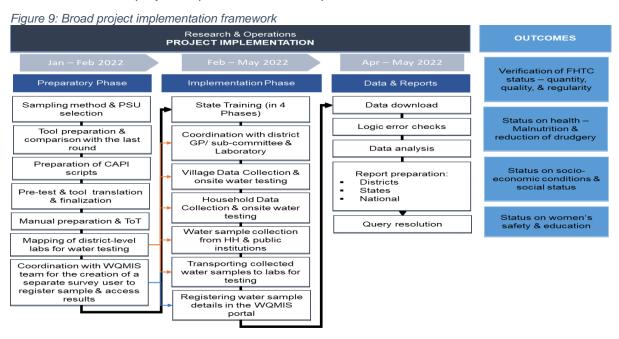
Figure 8: On-site & Laboratory Based Quality Test



JJM, with the support of the BMI Division of ICMR, enabled a new interface on the WQMIS portal for "Functionality Assessment (FA) User" to enable seamless harmonization of water sample registration, sample submission for testing, and sharing of results as per the applicable quality parameters.

2.8. Project implementation

An overview of the project implementation is as presented:



A total of 8 teams (comprising 8 supervisors, 48 assessors, and 8 water collection assistants) were recruited, trained, and deployed to complete the survey across the states of West Bengal. One survey team covered approximately 2-3 districts. The state-wise team deployment and fieldwork dates were as presented:

Table No. 1: State-wise team deployment and data collection start & end dates					tes
State		Teams deployed	Start date	End date	Total data collection days
West Bengal		8 Teams	2/11/2022	3/31/2022	48 days

A four-tier quality control (QC) system was put in place. At the ground level, the data collection exercise was done using a computer-aided Personal Interview (CAPI) application which contained all logic and skip-checks inbuilt. Also, 5% of the total samples were accompanied by the supervisors. Sub-targeted QC was done by the state field managers (5%) and the central project management team (5%). Apart from this, the central research team monitored the data trend and as per requirement debriefed data collection teams to improve quality.

2.9. Sample coverage

Table No. 2:	Sample covered				
	Targete	d sample		Achieved sam	ple
District	Village	НН	Village	НН	Public Institutions
South 24 Paraganas	20	378	20	378	12
West Bengal	401	8,577	400	8,575	63

2.10. Sampled village and household profile

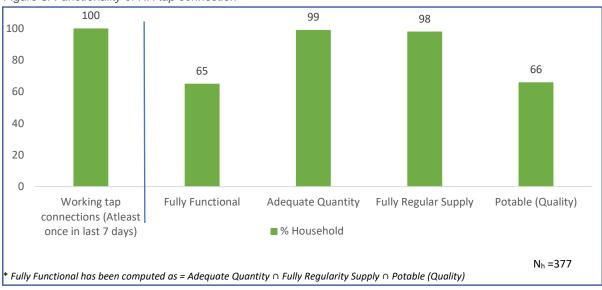
SAMPLED VILLAGES SAMPLED HOUSEHOLDS Total no. of villages covered in the district - 20 Total no. of households covered in the district - 377 Percentage of SC dominated villages covered in the district is 45% (which is higher than the Proportion of General - 66%, SC 30%, ST% 0, state average, i.e., 26%) OBC 4% households Percentage of ST dominated villages covered 19% of the FHTC connections are under the in the district is None (which is lower than the name of a female member state average, i.e., 12%) Average household size - 5 Higher proportion of **pump operator** >75% positive user experience in 4/5 interviewed at the village level measures Yes, the district reported to have any historical incidence of water contamination

3. Findings

3.1. Functionality status of FHTC at household level

A. Overall Functionality* (in %)

Figure 3: Functionality of HH tap connection



It has been found that 100 percent of the sampled HHs (N=377) had working tap connections (i.e., received water at least once in last 7 days). More than six out of ten (65 percent) HHs had fully functional tap connection (i.e., HHs receiving adequate quantity of prescribed quality of water on a regular basis).

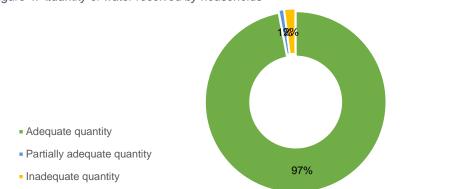
3.2. Quantity, Regularity, and Quality of Water

Under JJM, functionality is defined as having infrastructure, i.e., household tap connection providing water in adequate quantity (55 LPCD or more) of prescribed quality on regular basis (every day or as decided by GP and/ or its sub-committee) with adequate pressure. It will also include long-term source and system sustainability. Presented here are the findings in this respect.

A. Water quantity measured as LPCD (Litres per Capita per Day)

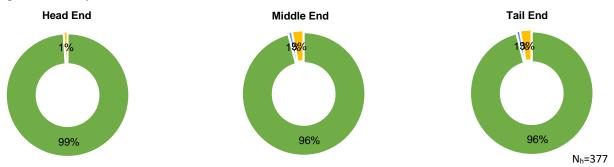
97% HHs reported receiving adequate quantity of water

Figure 4: Quantity of water received by households



Quantity of water received across head, middle, and tail end HHs

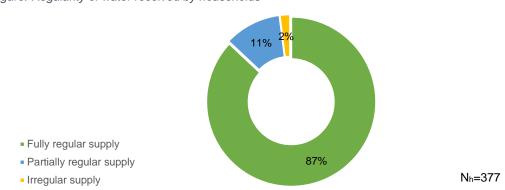
Figure 5: Quantity of water received across head, middle and tail end households



B. Regularity of water supply to households

87% HHs receive a regular supply of water (as per agreed schedule)

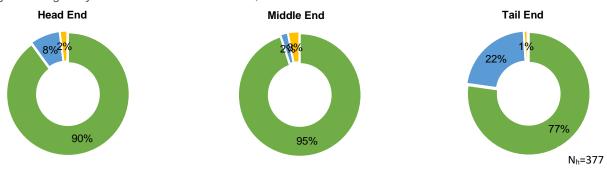
Figure: Regularity of water received by households



N_h=377

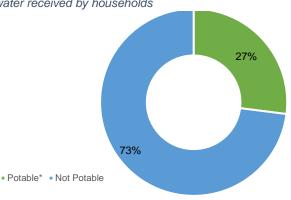
Regularity of water received across head, middle, and tail end

Figure 6: Regularity of water received across head, middle and tail end households



C. Water quality - Potability

Figure 7: Potable water received by households



N_h=377

Table No. 3: Village quality parameters reported within permissible range (% sample within permissible range)

Quality Parameters (N _V =20)	Water Samples Tested from Public Institutes				
	Anganwadi Centre	Health Facility	Schools	Others	
pH (on-site)	100	100	100	100	
Turbidity		Not to	ested		
Total Hardness		Not to	ested		
Total Alkalinity	Not tested				
Chloride	Not tested				
Ammonia	Not tested				
Iron	Not tested				
Nitrate	Not tested				
Sulphate	Not tested				
Total Dissolved Solids	Not tested				
Bacteriological Test (Absence)	Not tested				
Fluoride	No history				
Arsenic	Not tested				

^{*}Potable water has been considered basis testing of water samples through laboratory tests for physical, chemical, and bacteriological as given in Table 4 parameters (within acceptable/permissible range) and onsite testing of pH. The details of laboratory test are mentioned in the table given above in the glossary.

Table No. 4: Household water quality parameters reported within permissible range (in % sample within permissible range)

Quality Parameters	No of water samples tested	% Samples within permissible range
pH (on-site)	377	96
Turbidity	366	98
Total Hardness	366	33
Total Alkalinity	Not tested	
Chloride	75	100
Ammonia	Not tested	
Iron	366	99
Nitrate	Not tested	
Sulphate	Not tested	
Total Dissolved Solids	364	29
Bacteriological Test (Absence)	364	100
Fluoride	No history	,
Arsenic	291	100

Safeguarding piped water supply for unforeseen bacteriological contamination-Presence of Residual Chlorine (RC)

The Residual Chlorine (RC) in the South 24 Paraganas district was found in 46% samples. Out of which 6% samples were having RC outside range whereas 48% samples, had no RC. It may be mentioned that 100% of water samples passed the bacteriological contamination test but to assure the protection against bacteriological contamination, addition of RC is must in PWS system.

The Residual Chlorine in piped water supply is one of the most important preventive actions to assure quality of water against bacteriological contamination from source to consumption. The presence of residual chlorine within permissible limits is indicator of well-maintained and healthy piped water supply system.

It is advised that behavioural change communication campaigns on appropriate dosage of residual chlorine is held in all villages and monitoring system for chlorine dosing is established. The FTK must have residual chlorine testing facility for effective WQM&S.

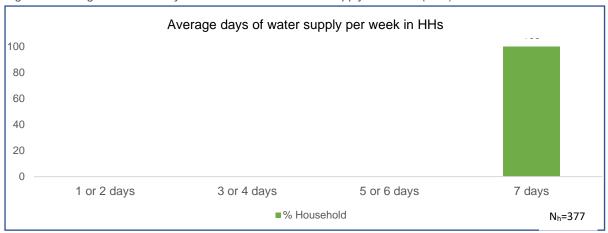
Comment on functioning of District Lab:

The district lab tested water samples for 6 water quality parameters. 389 water samples were submitted, a366 water samples were tested, and reports made available. The turnaround time for testing was more than 48 hours in most cases.

The labs did not have any issue with testing the number of water samples submitted nor had any issues with human resources, reagents, etc. However, the only concern was the lab did not accept any samples during weekends and public holidays.

3.3. Average water supply days in a week

Figure 8: Average number of days households receive water supply in a week (in %)

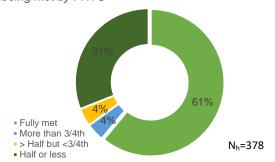


3.4. Household utilization of water for drinking and other activities

Fulfilment of requirement

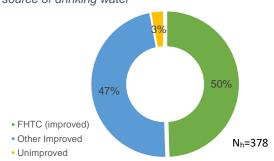
61% HHs reported that their daily requirement of water is being met by FHTCs

Figure 17: Daily household's requirement of water being met by FHTC



Primary source of drinking water 49% HHs reported HH tap connection as their primary source of drinking water

Figure 18: Households reported FHTC as primary source of drinking water



3.5. Status at HH level (Nh=378)

% HHs purifying water before drinking

% HHs paying water service delivery charges

% HHs with booster pumps

% HHs having coping mechanism during scarcity

% HH aware of grievance redressal mechanism for reporting problems with FHTC

60%

Channel for registering grievance (N_h=378*)

Pump-operator

Key problems for reporting grievances (N=378)

Inadequate pressure

% Reported complaints
resolved
(N_n=53)

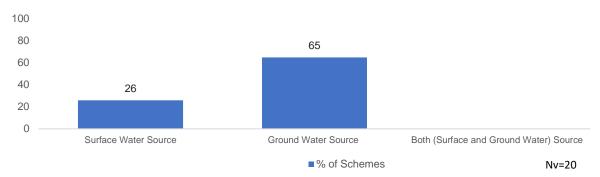
^{*}HHs who reported complaints in last 1 year

3.6. Source sustainability at the village level

Schemes based on surface and ground water

26% of schemes are reported to be based on surface water and 65% ground water.

Figure 19: Schemes based on water source in village

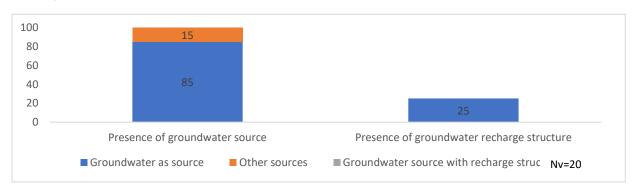


^{*&#}x27;Surface Water Source' is Stream, Spring, Glacier, River, lake, pond etc. and Groundwater Source is open well, borewell, tube well, handpump, spring, etc

Villages reported having presence of a groundwater source

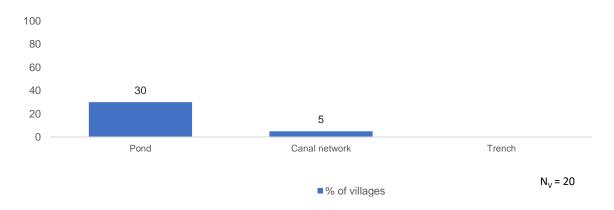
85% of villages reported the presence of groundwater sources like improved dug wells and borewells, and 25% were supported by recharging structures.

Figure 20: Villages reported the presence of groundwater sources and among those how many reported to have a recharge structure



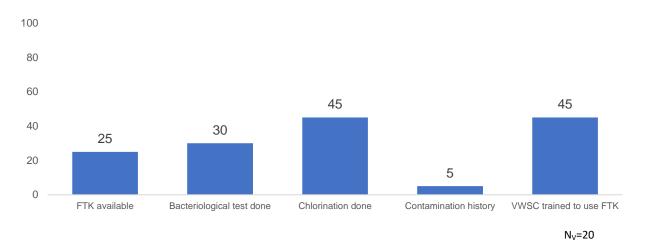
The top 3 other source sustainability measure taken by villages

Figure 21: Villages reported having taken other source sustainability measure



3.7. Water quality monitoring and surveillance in the villages

Figure 22: Water quality monitoring and surveillance by villages



3.8. Status of JJM

A. VWSC/Pani Samiti and PWS signage in villages (N_v=20)

10%	PWS Schemes 0%	45%	observed 20%
Presence of VWSC/Pani	VWSC/Pani Samiti	% Villages – VWSC/PO	% Villages in which signages about JJM was
Samiti	responsible for O&M of	trained to use FTKs	

B. Water supply, storage and operation & maintenance at village level (N_v=20)

Average no. of supply in a day	% Villages levying water service delivery to HH	% Villages having skilled manpower for O&M for PWS	Community monitoring of water wastage in villages	
2	10%	40%		
% Villages having OHT/ Sump	% Villages having faced O&M challenges	Primary points for reporting grievances	Key problems for reporting grievances	
65%	10%	PHED	Pipeline leakage	

3.9. Perception of HHs on Outcome Indicators

Water related

diseases ■% of HH

a. Health b. Economic Income Incidence of water borne diseases at HH Change in employment days since FHTC level in last one year as reported programmes/schemes Figure 24: Household reported a change in Figure 23: Household reported incidence of water employment days since FHTC programmes /schemes borne diseases in last one year 120 97 100 18% 30% 80 60 40 20 3 0 Increase

52%

Nh=378

None

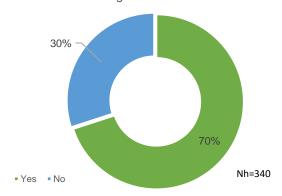
N_h=378

c. Drudgery Reduction in time and effort in collecting water

No change

- Don't know

Figure 25: Households reported reduction in time and effort in collecting water



Waterborne

diseases

3.10. User satisfaction

Table No	Table No. 5: User satisfaction - more than 75% happy with FHTC services					
S. No.	Parameter (N _h =378)		In %			
1	Regularity		77			
2	Overall quality	000	71			
3	Colour	00	76			
4	Taste	(° °)	76			
5	Odour	00	76			

Note:

Base (N_v) =20 means all villages sampled and covered in South 24 Paraganas district Base (N_H) =378 means all households sampled and covered across the 20 villages in South 24 Paraganas district

Base (N_H)=378 means all households where female members used to fetch water before HH tap connection

4. Annexures

4.1. Summary of villages

Table No	o. 6: Village summar	У				
S.No.	Name of sample village	Sample HHs	Actual sample HHs (achieved)	No. of scheme	No of source of surface water available in the village	No of source of Ground water available in the village
#	Total	378	398	24	23	47
1	Chandipur	18	19	1	1	1
2	Dakshin Raypur	18	19	1	2	1
3	Amgachhi	18	19	2		5
4	Angarbaria	18	19	1		1
5	Bora Gagangohalia	18	19	1		
6	Ramkrishnapur	18	19	1	1	
7	Badukalu	18	20	1		4
8	Narayanpur	18	18	1		5
9	Betberia	18	19	1	5	5
10	Dakshin Kalyanpur	18	19	1	1	1
11	Basulat	18	19	3	5	5
12	Dona	18	19	1		
13	Pana	18	19	2	5	5
14	Srikrishnanagar	18	19	1	1	3
15	Parbattipur	18	19	1	2	5
16	Srinagar	18	19	1		1
17	Phuldubi	18	19	1		1
18	Khas Ramkarerchhar	18	19	1		1
19	Rajnagar	36	37	1		1
20	Achintya Nagar	18	19	1		2

4.2. Functionality – 55 LPCD vs regularity vs potability vs working tap connection

Table	Table No. 7: Functionality of HH tap connection							
S. No.	Village	Fully Functional* (% HH)	Adequate Quantity (% HH)	Fully Regular Supply (% HH)	Potable (Quality) (% HH)	Working tap connections (%HH)		
#	Total	21	97	87	27	100		
1	Chandipur	0	100	100	0	100		
2	Dakshin Raypur	53	100	100	53	100		
3	Amgachhi	11	61	94	11	100		
4	Angarbaria	0	94	89	0	100		
5	Bora Gagangohalia	11	100	100	11	100		
6	Ramkrishnapur	11	100	100	11	100		
7	Badukalu	0	100	58	21	100		
8	Narayanpur	94	100	100	94	100		
9	Betberia	0	94	100	0	100		
10	Dakshin Kalyanpur	0	100	100	0	100		
11	Basulat	6	94	78	6	100		
12	Dona	0	100	94	0	100		
13	Pana	33	100	100	33	100		
14	Srikrishnanagar	11	100	83	11	100		
15	Parbattipur	0	100	67	0	100		
16	Srinagar	0	100	100	0	100		
17	Phuldubi	94	100	94	100	100		

Table	Table No. 7: Functionality of HH tap connection						
S. No.	Village	Fully Functional* (% HH)	Adequate Quantity (% HH)	Fully Regular Supply (% HH)	Potable (Quality) (% HH)	Working tap connections (%HH)	
18	Khas Ramkarerchhar	67	100	67	100	100	
19	Rajnagar	28	100	56	58	100	
20	Achintya Nagar	0	94	100	0	100	

^{*} Fully Functional has been computed as = Adequate Quantity \cap Fully Regularity Supply \cap Potable (Quality)

4.3. Villages not meeting the quality parameters

Table N	No. 8: Quality	parameters dissa	atisfied at village I	evel	
1. pH	(Acceptable	Range- 6.5 to 8.5)		
S.No.	Block Name	Panchayat Name	Villages	No. of HHs outside the accepta	ble range
1	Budge Budge-li	North Bawali	Chandipur		3
2	Canning-I	Gopalpur	Badukalu		12
3	Jaynagar-I	Khakur Daha	Srikrishnanagar		1
2. Fre	ee residual ch	lorine (Acceptab	le Range- 0.2 to 1	PPM)	
S.No.	Block Name	Panchayat Name	Villages	HHs outside the acceptable/permissible range	HHs with no chlorine
1	Baruipur	Belagachhi	Betberia	0	4
2	Basanti	Jharkhali	Parbattipur	0	17
3	Bishnupur-I	Amgachhia	Amgachhi	0	15
4	Bishnupur- Ii	Khanganberia	Bora Gagangohalia	0	2
5		Nahazari	Angarbaria	0	14
6	Budge Budge-li	Dongaria Roypur	Dakshin Raypur	0	1
7	· ·	North Bawali	Chandipur	0	18
8	Canning-I	Gopalpur	Badukalu	1	0
9	Canning-li	Narayanpur	Narayanpur	0	17
10	Falta	Falta	Basulat	5	2
11		Gopalpur	Dona	4	3
12	Jaynagar-I	Khakur Daha	Srikrishnanagar	13	2
13	Namkhana	Shibrampur	Rajnagar	0	34
14	Pathar Pratima	Achintyanagar	Achintya Nagar	0	18
15	Sagar	Muriganga-li	Phuldubi	0	15
16		Ramkar Char	Khas Ramkarerchhar	0	18
3. Tu	rbidity (Acce	otable Range- 1 to	5 NTU)		
S.No.	Block	Panchayat	Villages	HHs outside the acceptable/permi	ssible range
3.NO.	Name	Name		nns outside the acceptable/permi	SSIDIE TAITYE
1	Basanti	Jharkhali	Parbattipur		1
2	Bishnupur-I	Amgachhia	Amgachhi		2
3	Bishnupur- Ii	Khanganberia	Bora Gagangohalia		1
4	Canning-I	Gopalpur	Badukalu		2
5	Falta	Falta	Basulat		1
6	Jaynagar-I	Khakur Daha	Srikrishnanagar		1
7	Namkhana	Shibrampur	Rajnagar		1
4. To			ge- 200 to 600 Milli	igram/litre)	
S.No.	Block Name	Panchayat Name	Villages	HHs outside the acceptable/permis	
1	Baruipur	Belagachhi	Betberia		18
		Kalyanpur	Dakshin		18
2			Kalyanpur		
3	Basanti	Jharkhali	Parbattipur		14
4	Bishnupur-I	Amgachhia	Amgachhi		14

Table I	No. 8: Quality	parameters dissa	tisfied at village I	evel
Table	Bishnupur-	Khanganberia	Bora	15
5	li	Tallangalibolia	Gagangohalia	10
6	1 ''	Nahazari	Angarbaria	18
	1	Ramkrishnapur	Ramkrishnapur	12
7		Berhanpur	Raminismapai	12
	Budge	Dongaria	Dakshin	7
8	Budge-li	Roypur	Raypur	,
9	Duuge-II	North Bawali	Chandipur	17
	Conning I	Gopalpur	Badukalu	
10	Canning-I			5
11	Canning-li	Narayanpur	Narayanpur	1
4.0	Diamond	Bhadura	Pana	12
12	Harbour-li	Haridas		
13	Falta	Falta	Basulat	17
14		Gopalpur	Dona	15
15	Jaynagar-I	Khakur Daha	Srikrishnanagar	16
16	Kakdwip	Srinagar	Srinagar	17
17	Namkhana	Shibrampur	Rajnagar	12
	Pathar	Achintyanagar	Achintya Nagar	18
18	Pratima	, ,	, ,	
5. To	tal alkalinity (Acceptable Range	e- 200 to 600 Milli	gram/litre)
	Block	Panchayat		
S.No.	Name	Name	Villages	HHs outside the acceptable/permissible range
NA	NA	NA	NA	NA
		table Range- 250		
0. CI	Block	Panchayat	to 1000 Willingrain	/mue)
S.No.		,	Villages	HHs outside the acceptable/permissible range
	Name	Name		
NA	NA	NA	NA	NA
7. An		ptable Range- 0.5	Milligram/litre)	
S.No.	Block	Panchayat	Villages	HHs outside the acceptable/permissible range
0.110.	Name	Name)	This outside the acceptable/permissible range
NA	NA	NA	NA	NA
8. Iro	n (Acceptable	e Range- 1 Milligra	am/litre)	
O NI -	Block	Panchayat	\/:!!a====	
S.No.	Name	Name	Villages	HHs outside the acceptable/permissible range
		Name)	HHs outside the acceptable/permissible range
1 2	Canning-I	Name Gopalpur	Badukalu	
1 2	Canning-I Falta	Name Gopalpur Gopalpur	Badukalu Dona	1
1 2	Canning-I Falta ate (Acceptate	Name Gopalpur Gopalpur ole Range- 1 Millig	Badukalu Dona	
1 2	Canning-I Falta ate (Acceptal Block	Name Gopalpur Gopalpur ole Range- 1 Millig Panchayat	Badukalu Dona	1
1 2 9. Nitr S.No.	Canning-I Falta rate (Acceptab Block Name	Name Gopalpur Gopalpur ole Range- 1 Millig Panchayat Name	Badukalu Dona ram/litre) Villages	HHs outside the acceptable/permissible range
1 2 9. Nitr S.No.	Canning-I Falta ate (Acceptal Block Name	Name Gopalpur Gopalpur ole Range- 1 Millig Panchayat Name NA	Badukalu Dona ram/litre) Villages NA	HHs outside the acceptable/permissible range
1 2 9. Nitr S.No.	Canning-I Falta rate (Acceptate Block Name NA Ilphate (Acceptate)	Name Gopalpur Gopalpur ble Range- 1 Millig Panchayat Name NA btable Range- 200	Badukalu Dona ram/litre) Villages NA	HHs outside the acceptable/permissible range
1 2 9. Nitr S.No. NA 10. Su	Canning-I Falta rate (Acceptate Block Name NA Ilphate (Acceptate)	Name Gopalpur Gopalpur ble Range- 1 Millig Panchayat Name NA otable Range- 200 Panchayat	Badukalu Dona ram/litre) Villages NA to 400 Milligram/	HHs outside the acceptable/permissible range NA litre)
1 2 9. Nitr S.No. NA 10. Su S.No.	Canning-I Falta rate (Acceptate Block Name NA Ilphate (Acceptate) Name	Name Gopalpur Gopalpur ble Range- 1 Millig Panchayat Name NA btable Range- 200 Panchayat Name	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range
1 2 9. Nitr S.No. NA 10. Su S.No. NA	Canning-I Falta rate (Acceptate Block Name NA Ilphate (Acceptate) NA NA	Name Gopalpur Gopalpur Die Range- 1 Millig Panchayat Name NA Dtable Range- 200 Panchayat Name NA	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA
1 2 9. Nitr S.No. NA 10. Su S.No. NA	Canning-I Falta Tate (Acceptate Block Name NA Ilphate (Acceptate Block Name NA NA NA NA NA NA NA NA NA	Name Gopalpur Gopalpur Ille Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA NA Solids (Acceptable	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To	Canning-I Falta Fate (Acceptate Block Name NA Ilphate (Acceptate Block Name NA NA Idia Block Name NA Idia Block Name NA Idia Block Block Block	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA Solids (Acceptable	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre)
1 2 9. Nitr S.No. NA 10. Su S.No. NA	Canning-I Falta Fate (Acceptate Block Name NA Ilphate (Acceptate Acceptate Name NA Name NA Ital dissolved Block Name NA Ital dissolved Block Name	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA Solids (Acceptabl Panchayat Name	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To	Canning-I Falta Fate (Acceptate Block Name NA Ilphate (Acceptate Block Name NA NA Idia Block Name NA Idia Block Name NA Idia Block Block Block	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA Solids (Acceptable	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre)
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No.	Canning-I Falta Fate (Acceptate Block Name NA Ilphate (Acceptate Acceptate Name NA Name NA Ital dissolved Block Name NA Ital dissolved Block Name	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA Solids (Acceptable Panchayat Name Belagachhi	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 0000 Milligram/litre) HHs outside the acceptable/permissible range
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1	Canning-I Falta Fate (Acceptate Block Name NA Ilphate (Acceptate Acceptate Name NA Name NA Ital dissolved Block Name NA Ital dissolved Block Name	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA Solids (Acceptabl Panchayat Name	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre) HHs outside the acceptable/permissible range
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA tal dissolved Block Name Block Name Block Name Block Name Block Block Name Block Block Name Block Name	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA solids (Acceptable Panchayat Name Belagachhi Kalyanpur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre) HHs outside the acceptable/permissible range 18
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1	Canning-I Falta Tate (Acceptate Block Name NA Ilphate (Acceptate Block Name NA Ital dissolved Block Name Block Name Block Block Name Block Block Name Block Name Baruipur	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA solids (Acceptable Panchayat Name Belagachhi Kalyanpur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre) HHs outside the acceptable/permissible range 18 18
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1	Canning-I Falta Tate (Acceptate Block Name NA Ilphate (Acceptate Block Name NA Ital dissolved Block Name Baruipur Basanti Bishnupur-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre) HHs outside the acceptable/permissible range 18 18
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1 2 3 4	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA tal dissolved Block Name Block Name Block Name Block Name Block Name Block Name Baruipur	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA solids (Acceptable Panchayat Name Belagachhi Kalyanpur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre) HHs outside the acceptable/permissible range 18 18
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1 2 3 4 5	Canning-I Falta Tate (Acceptate Block Name NA Ilphate (Acceptate Block Name NA Ital dissolved Block Name Baruipur Basanti Bishnupur-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Otable Range- 200 Panchayat Name NA solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1 2 3 4	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA tal dissolved Block Name Block Name Block Name Block Name Block Name Block Name Baruipur	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 0000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17 14 15
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA tal dissolved Block Name Block Name Block Name Block Name Block Name Block Name Baruipur	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 2000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17
1 2 9. Nitr S.No. NA 10. Su S.No. NA 11. To S.No. 1 2 3 4 5	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA tal dissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Ii	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17 14 15
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6 7	Canning-I Falta ate (Acceptal: Block Name NA Ilphate (Acceptal: Block Name NA tal dissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur Dongaria	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur Dakshin	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 0000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17 14 15
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6 7 8	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA tal dissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Ii	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur Dongaria Roypur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur Dakshin Raypur	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17 14 15
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6 7	Canning-I Falta ate (Acceptal: Block Name NA Ilphate (Acceptal: Block Name NA tal dissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur Dongaria	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur Dakshin	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17 14 15
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6 7 8	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA Idissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I Bishnupur-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Sotable Range- 200 Panchayat Name NA solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur Dongaria Roypur North Bawali	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur Dakshin Raypur	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 14 15 18
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6 7 8 9 10	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA Idissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Bishnupur-I Canning-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Dtable Range- 200 Panchayat Name NA solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur Dongaria Roypur North Bawali Gopalpur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur Dakshin Raypur Chandipur Badukalu	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 0000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 17 17 14 15 18 16
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6 7 8 9	Canning-I Falta ate (Acceptal: Block Name NA Ilphate (Acceptal: Block Name NA Ital dissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Canning-I Canning-I Canning-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Dtable Range- 200 Panchayat Name NA Solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur Dongaria Roypur North Bawali Gopalpur Narayanpur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur Dakshin Raypur Chandipur Badukalu Narayanpur	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 0000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 18 17 14 15 18 16
1 2 9. Nitr S.No. NA 10. Su S.No. 1 2 3 4 5 6 7 8 9 10	Canning-I Falta ate (Acceptak Block Name NA Ilphate (Acceptak Name NA Idissolved Block Name Baruipur Basanti Bishnupur-I Bishnupur-I Bishnupur-I Canning-I	Name Gopalpur Gopalpur Je Range- 1 Millig Panchayat Name NA Dtable Range- 200 Panchayat Name NA solids (Acceptabl Panchayat Name Belagachhi Kalyanpur Jharkhali Amgachhia Khanganberia Nahazari Ramkrishnapur Berhanpur Dongaria Roypur North Bawali Gopalpur	Badukalu Dona ram/litre) Villages NA to 400 Milligram/ Villages NA e Range- 500 to 2 Villages Betberia Dakshin Kalyanpur Parbattipur Amgachhi Bora Gagangohalia Angarbaria Ramkrishnapur Dakshin Raypur Chandipur Badukalu	HHs outside the acceptable/permissible range NA litre) HHs outside the acceptable/permissible range NA 0000 Milligram/litre) HHs outside the acceptable/permissible range 18 18 18 17 14 15 18 16



Table No. 8: Quality parameters dissatisfied at village level						
13	Falta	Falta	Basulat	16		
14		Gopalpur	Dona	18		
15	Jaynagar-I	Khakur Daha	Srikrishnanagar	15		
16	Kakdwip	Srinagar	Srinagar	18		
17	Namkhana	Shibrampur	Rajnagar	14		
	Pathar	Achintyanagar	Achintya Nagar	18		
18	Pratima					
12. Ba	cteriological	test (Presence)				
S.No.	Block	Block Panchayat		HHs outside the acceptable/permissible range		
3.140.	Name	Name	Villages	nns outside the acceptable/permissible range		
NA	NA	NA	NA	NA		
13. Flu	uoride (Accep	table Range- 1 to	1.5 Milligram /litro	e)		
S.No.	Block	Panchayat	Villages	HHs outside the acceptable/permissible range		
3.140.	Name	Name	villages	HITS Outside the acceptable/permissible range		
NA	NA	NA	NA	NA		
14. Ar	14. Arsenic (in hotspots) (Acceptable Range- 0.01 Milligram /litre)					
	District	Donoboyet				
C No	Block	Panchayat	Villages	UUs sutside the acceptable/permissible range		
S.No.	Name	Name	Villages	HHs outside the acceptable/permissible range		