

# Assessment of functionality status of household tap connections in rural areas (2020-21)

**State report**

**Madhya Pradesh**



**Submitted to:**  
**National Jal Jeevan Mission**  
**Department of Drinking Water and Sanitation**  
**Ministry of Jal Shakti**

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## **1. Introduction**

Announced in 2019, the Jal Jeevan Mission – Har Ghar Jal (JJM – HGJ) is implemented by Department of Drinking Water and Sanitation (DDWS), Ministry of Jal Shakti in partnership with States/ UTs. JJM aims to provide a Functional Household Tap Connection (FHTC) to every rural home in the country by 2024. A household tap connection is said to be functional when the tap water supply is of adequate quantity (minimum 55 lpcd) and prescribed quality (as per BIS:10500) on regular and long-term basis. Further, JJM seeks to promote holistic management of local water sources and not just provide tap water connections.

The DDWS had engaged Nielsen (India) Private Limited to undertake 'Functionality Assessment' of household tap connections. The assessment covered household tap connections in 6,992 villages across 704 districts from 31 States/ UTs. The survey was undertaken in November – December 2020.

## **2. Objectives of the study**

The main objectives were an assessment of Functionality of Household Tap Connections (FHTCs) under JJM on various parameters; ascertaining, in the form of data, on-ground progress of JJM in terms of adequate quantity of prescribed quality of drinking water supplied to rural households on regular basis; and engaging with Gram Panchayats and/ or its sub-committees of the sample villages and soliciting their feedbacks and recommendations for improving the programme implementation; and to suggest measures for mid-course correction for improvement in functionality of household tap connections.

## **3. Approach and Methodology**

The approach followed was to assess the functionality of household tap connections (within premises) and in-village drinking water supply infrastructure. The selection of sample villages was from the JJM-Integrated Management Information System (IMIS) data-base of villages having at least 15 household tap connections. In each sample village, the largest PWS scheme was sampled. The survey was planned as in-person Computer Aided Personal Interview (CAPI) survey, and included an on-ground assessment of the functionality of sample PWS schemes and tap connections attached to the same. The survey included measurement of the quantity of water received at the household level through the tap connection, as well as water testing to check whether the quality of the drinking water is as per the BIS standards, using Field Test Kits (FTKs) and H<sub>2</sub>S vials. The study also collected supply side information, including assessment of the quantity of water supplied by the scheme, operation and maintenance arrangements, availability and functionality of scheme level infrastructure and the aspects related to source and system sustainability.

A sample of 10 villages from every district in the State were selected following probability proportionate to size (PPS) systematic random sampling method ensuring due representation of SC/ SC majority villages as well as quality-affected villages. In each selected village, households for the survey were selected at head end, middle and tail end of the selected piped water supply network. In Madhya Pradesh the survey was conducted in 6077 households from 520 villages in 52 districts.

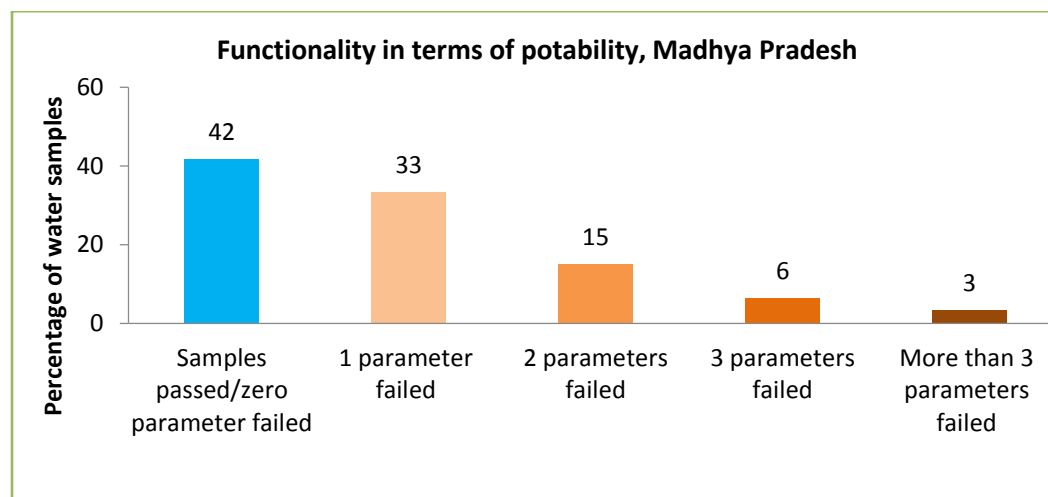
#### 4. Key Findings

SL.	INDICATOR	Madhya Pradesh	India
<b>Household level</b>			
1	Average household size	5.8	5.6
2	Percent of households using FHTC for drinking purpose	89.5	88.9
3	Percentage of households reported working tap connections (supply at least one day in last 7 days)	86.5	93.6
4	Number of water supply days in a usual week		
4a	1 – 2 days	14.1	7.6
4b	3 – 4 days	17.4	10.4
4c	5 – 6 days	1.4	1.5
4d	7 days	67.1	80.5
5	Number of water supply days in the last week		
5a	0 days	7.5	2.4
5b	1 – 2 days	13.0	9.7
5c	3 – 4 days	23.7	14.8
5d	5 – 6 days	4.9	4.9
5e	7 days	50.9	68.1
6	Percentage of households reporting reliability of water supply days	79.5	86.5
7	Percentage of households reporting tap connections functioning continuously for more than 15 days in a month for last 12 months	60.5	84.6
8	Average number of times water is supplied on the days of supply		
8a	1 time	89.7	56.6
8b	2 times	9.9	28.2
8c	3 times	0.3	6.1
8d	4 times/24 hours	0.1	9.1
9	Percentage of households reporting reliability of supply for different supply timings	78.3	84.3
10	Percentage of households reporting adequate water pressure for different supply timings		
10a	Morning	68.2	80.1
10b	Afternoon	66.3	84.6
10c	Evening	82.5	84.8
11	Percentage of households reported paying water tariff – separately or along with other taxes	49.5	52.8
12	Percentage of households reported receiving 55 lpcd or more	63.8	83.5
13	Percentage of households having potable water *	41.9	61.3
14	Percentage of households reporting regularity of supply	81.5	87.2
15	Percentage of households reporting functional tap connections	24.1	47.8
<b>Village level</b>			
16	Percentage villages having functional water and sanitation committees	51.5	48.5
17	Percentage of functional schemes in the sample villages considering all schemes (supplying water any day in the last 7 days)	78.6	86.0

SL.	INDICATOR	Madhya Pradesh	India
18	Percentage of in-village schemes having O&M undertaken by village water and sanitation committee or by Panchayat	84.4	83.1
19	Percentage of sample schemes reported having faced challenges in the last one year		
19a	Inadequate infrastructure	55.9	40.2
19b	Poor water availability at the source	43.8	33.0
19c	Poor maintenance	56.8	46.2
19d	Natural calamity	41.0	63.4
20	Percentage of schemes reporting measure to improve source sustainability	43.9	59.9
21	Number of sample villages found with no scheme (defunct/under construction/not handed over/not constructed)	100	751

Figures 1, 2 and 3 depicts the functionality aspects of the household tap connections in Madhya Pradesh. Figure 1 presents the details of the potability aspects – the proportion of samples which have qualified as per all 13-15 parameters, as well as the proportion of sample which have failed due to one/two/three/more than three parameters.

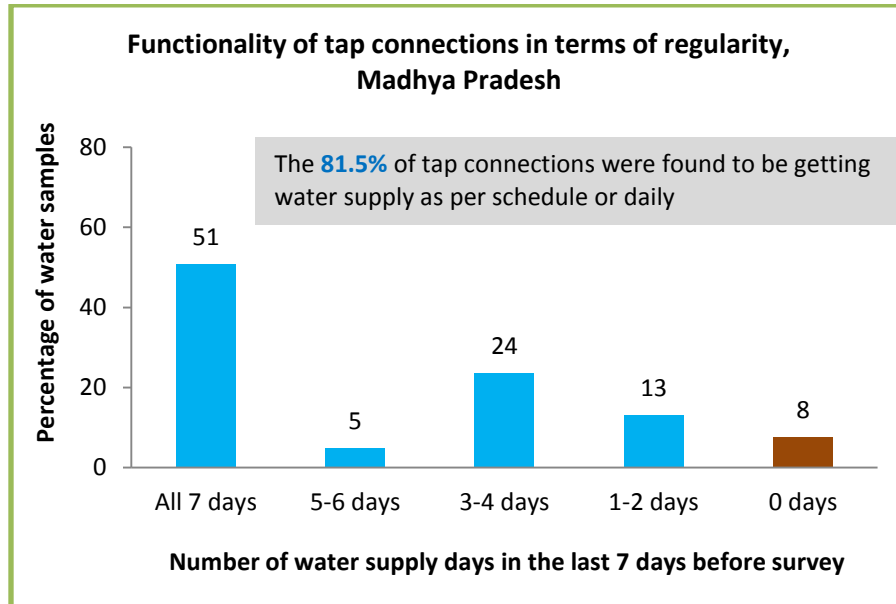
**Fig 1: Functionality of the household tap connection in terms of potability - Madhya Pradesh**



**Base: Households with water quality testing done, N: 418**

Figure 2 presents functionality in terms of regularity, and presents the water supply situation in the last 7 days (before survey date). This includes information on the proportion of taps supplying water on all 7 days, 5-6 days, 3-4 days, 1-2 days and zero days in the last 7 days. As not all schemes are planned to supply water daily, the information of the proportion of taps supplying water daily or as per the water supply schedule is also presented.

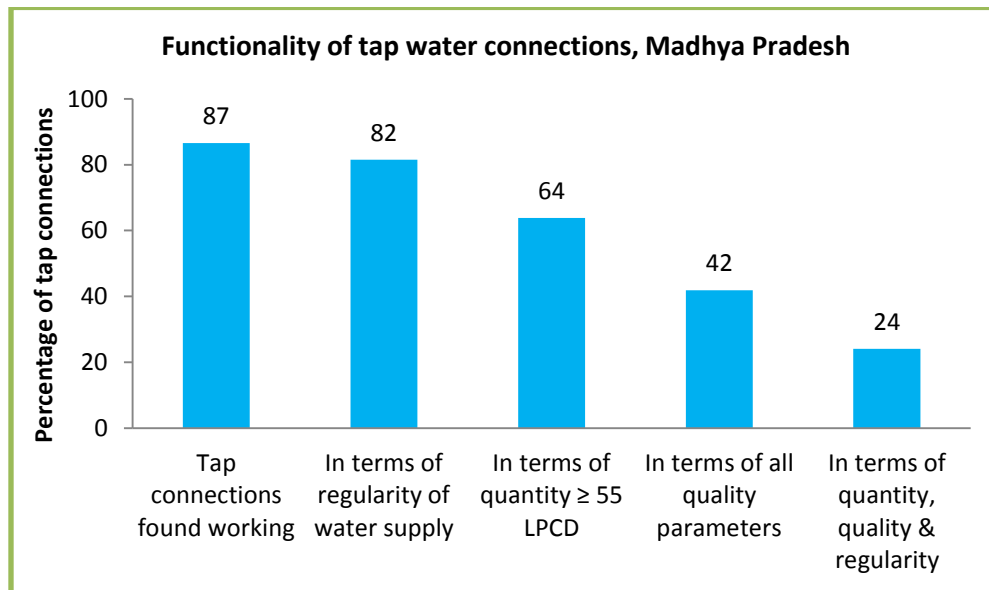
**Fig 2: Functionality of the household tap connection in terms of regularity - Madhya Pradesh**



**Base: All Households, N: 6076**

Figure 3, presents the summary situation of the working tap connections (defined as supplying water atleast on one day in the last 7 days), the functionality in terms of the proportion of tap connections which have qualified regularity, quantity, quality parameters, and the proportion which have qualified all 3 parameters.

**Fig 3: Overall functionality of the household tap connection - Madhya Pradesh**

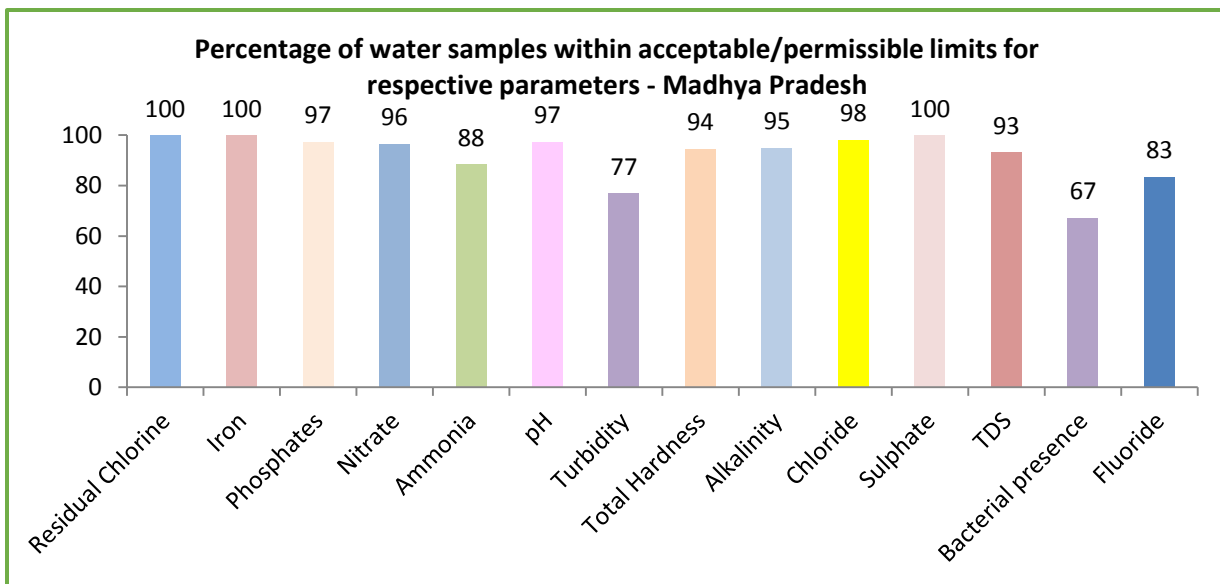


**Base: Total count of tap connections considered for functionality assessment, N: 5375**

A total of 418 water samples were tested as per BIS: 10,500 standards for all 15 parameters. Of these samples, 10 samples included testing for Fluoride. The figure below shows the proportion of samples in which different parameters were found within acceptable/permissible limits.

As can be seen, almost all the samples (97% or more) had Residual Chlorine, Iron, Phosphate, pH, Chloride and Sulphate within acceptable/permissible limits. Bacterial presence (total coliform), Turbidity and Ammonia were the key issues with the samples which were not found potable. Seventeen percent of the samples tested in Fluoride affected villages were not found to be within acceptable limits.

**Fig 4: Percentage of water samples within acceptable/permissible limits for respective parameters – Madhya Pradesh**



**Pic 1: Household survey being undertaken in one of the villages in Madhya Pradesh**



**Pic 2: Water quality sample testing being undertaken in a village in Madhya Pradesh**



## 5. Conclusions

Madhya Pradesh had significantly lower functional tap connections (24.1%) as compared with the national average. Around 81 percent of the households were estimated to be supplied with regular water and 64 percent households receiving 55 lpcd or more water. However, the proportion of households receiving potable water is less - about 42 percent. Since the tap connections considered to be functional were as per the JJM guidelines of including adequate quantity (55 lpcd or more), potability (as per BIS:10500 standards) and regularity of water supply (all days or as per the water supply schedule), the reason that a lower proportion of households had functional tap connections is mostly due to the lower proportion of households having a combination of quantity and potability (27.7% households having adequate quantity and potable water; 34.0% households having potable water received on a regular basis; while 55.2% households had adequate quantity of water supply on a regular basis).

The main issues with the samples which were not found potable were bacteriological presence (total coliform), as well as Ammonia, and Turbidity being above permissible limits.

The proportion of households reporting currently working tap connections in Madhya Pradesh is high (87%). On a usual basis, almost 67 percent of the households have reported receiving water supply on a daily basis. Ninety percent of the households have reported being supplied water once a day, and the rest, mostly two times. While three-fourth of the households have reported a reliability of water supply timings, a higher proportion (82.5%) of the households surveyed reported adequate water pressure.

However, despite good quality water supply service delivery, the fact half of the households have reported paying water tariff is an area of concern. As per the JJM guidelines, the State Government



needs to ensure 100% fund requirement for operation and maintenance of the schemes are met by the Agency responsible for water supply provision to function as a utility.

Slightly more than a half of the villages have reported having water and sanitation committees – of these villages, around four-fifth, the water and sanitation committees were actually taking responsibility for operation and maintenance activities of the PWS schemes. As reported by the communities, 'inadequate infrastructure and poor maintenance' were the main challenges faced by the schemes. Slightly more than two-fifth of the schemes had taken any initiatives for source sustainability.

**Annexures to this report includes:**

- List of village with no scheme/defunct schemes/under construction is placed as Annexure 1,
- List of villages with schemes supplying only through tap stand/stand posts is placed as Annexure 2,
- List of villages where 15 FHTCs were not found is placed as Annexure 3,
- Indicative proportion of functional tap connections by districts is placed as Annexure 4, and
- List of villages where samples failed for given quality parameter is placed as Annexure 5

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**Annexure 1: List of village with no scheme/defunct schemes/under construction**

S.No.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
1.	Anuppur	Anuppur	Chondi	Chondi	Tribal Boys Hostel Chodhi	SVS	Under construction	Under construction-boring work is still not completed
2.	Anuppur	Jaithari	Dongra Tola	Amiliha	Arwsp	SVS	Under construction	Under construction-pipeline work has also been completed and the work is going on.
3.	Anuppur	Jaithari	Patna Kalan	Patna Kalan	Patnakala PWSS	SVS	Scheme is defunct	Scheme defunct since last 18 months
4.	Ashoknagar	Mungali	Athaikheda	Athaikheda	Athaikheda	SVS	Scheme is defunct	Scheme defunct since last 1 year
5.	Ashoknagar	Mungali	Onder	Onder	Onder	SVS	Scheme is defunct	Scheme defunct since last 10 years
6.	Barwani	Barwani	Bomya	Bomya	Bomya Pwss	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
7.	Barwani	Rajpur	Bobalwadi	Bobalwadi	Bobalwadi Main Village PWSS	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
8.	Bhind	Bhind	Bilaw	Bilaw	Bilaw (PWSS)	SVS	Scheme is defunct	Scheme defunct since last 10 years
9.	Bhind	Mehgaon	Devra	Rajpura	Rajpura PWSS	SVS	No scheme	There is a tanker that everyone uses.

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
10.	Bhind	Mehgaon	Maharajpura	Maharajpura	Maharajpura PWSS	SVS	No scheme	There is a tanker that everyone uses.
11.	Bhopal	Berasia	Chatahedi	Dhekpur	Dekpur-CMPWSS	SVS	Scheme is defunct	Scheme defunct since last 18 months
12.	Bhopal	Berasia	Parsora	Parsora	Parsora CM Yojna	SVS	Under construction	Under construction- the work has been completed in 2011 and after that no work done till now.
13.	Bhopal	Berasia	Untkheda	Untkheda	UT Kheda	SVS	Scheme is defunct	Scheme defunct since last 12 months
14.	Bhopal	Phanda	Achar Pura	Acharpura	Acharpura CM Yojna	SVS	Scheme is defunct	Scheme defunct since last 22 months
15.	Chhatarpur	Bijawar	Arora	Arora	Molapurwa BRGF Yojna	SVS	No scheme	There is a tanker that everyone uses.
16.	Chhatarpur	Bijawar	Kadwara	Kadwara	Kadwara Solar Pump Scheme	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
17.	Chhatarpur	Chhatarpur	Ranguwan	Sahas Nagar	Sahasnagar BKD PWSS	SVS	Scheme is defunct	This village was having tap stand post and households were getting water from there till 2018. Since last two years there is no water supply in these tap stands.
18.	Chhatarpur	Gaurihar	Mudehara	Mudahara	Mudehara PWSS	SVS	Under construction	Only borewell work completed and people

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
		(Barigarh)						are getting water from source only. There is no household connection.
19.	Chhatarpur	Gaurihar (Barigarh)	Sarwai	Sarwai	Sarwai PWSS	SVS	Scheme is defunct	Village has tap stand but not working for the last 18 months.
20.	Chhatarpur	Nowgaon	Sardarpura	Sardarpur (Sardarpura-81)	Sardarpura BKD PWSS	SVS	Scheme is defunct	Households of this village were getting water from source (Borewell) till 15 months back. Due to water supply fail they are not getting water from source.
21.	Chhatarpur	Rajnagar	Bhaira	Bhaira	Bhaira PWSS	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
22.	Datia	Seondha	Rampurakhurd	Rampurakhurd	Rampurakhurd PWSS	SVS	Scheme is defunct	Scheme defunct since last 3 years
23.	Datia	Seondha	Sikari	Sikari	Sikari PWSS	SVS	Scheme is defunct	Scheme defunct since last 2 years
24.	Datia	Seondha	Sunari	Sunari	Sunari BKD PWSS Scheme	SVS	Scheme is defunct	Scheme defunct since last 16 months
25.	Dhar	Dahi	Balwani	Balwani	Balwani CM PWSS	SVS	Scheme is defunct	This village was having borewell and household were getting water from source. Now the

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
								borewell failed and retrofitting work has been approved by govt. but till date no water supply in this village.
26.	Dhar	Nalchha	Ujjaini	Ujjaini	WQ Nalcha Scheme 388.43	MVS	No scheme	There is a tanker that everyone uses.
27.	Dindori	Dindori	Deori Mal	Deori Mal.	PWSS Scheme Deori Mal	SVS	Scheme is defunct	Scheme defunct since last 18 months
28.	Guna	Guna	Bilonia	Bilonia	Biloniya PWSS	SVS	Scheme is defunct	Scheme defunct since last 5 years
29.	Gwalior	Ghatigaon	Dorar	Dorar	Dorar	SVS	Scheme is defunct	Scheme defunct since last 5 years
30.	Gwalior	Morar	Sonsa	Sonsa	Sonsa PWSS	SVS	Scheme is defunct	Scheme defunct since last 12 months
31.	Harda	Timarni	Temrubahar	Temaru Bahar	Temarubhar PWSS	SVS	Scheme is defunct	Scheme defunct since last 2 years
32.	Hoshangabad	Seoni-Malwa	Santai	Santai	Santhia CM PWSS	SVS	Scheme is defunct	Scheme defunct since last 2 years
33.	Hoshangabad	Seoni-Malwa	Tilaianwali	Chandakhad	Chandakhad PWSS SPM (Deposit)	SVS	Scheme is defunct	Scheme defunct since last 11 years
34.	Hoshangabad	Sohagpur	Chargaon	Chargaon	Mini PWSS Chargoan	SVS	Scheme is defunct	Only water tank and borewell present
35.	Hoshangabad	Sohagpur	Isharapur	Isarapur	Isharapur CM PWSS	SVS	Scheme is defunct	Scheme defunct since last 6 years
36.	Hoshangabad	Sohagpur	Mudiyakheda	Mudiyakhedi	Mudiyakheda CM PWSS	SVS	Scheme is defunct	Scheme defunct since last 2 years
37.	Jabalpur	Patan	Bilkharwa	Bilkharwa	Bilkharwa	SVS	Scheme is defunct	Scheme defunct before 5 year

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
38.	Jabalpur	Sihora	Gidurha	Gidurha	Gidurha Amadongri	SVS	Scheme is defunct	Scheme defunct before 2 year
39.	Jabalpur	Sihora	Ranital	Ranital	PWS Ranital	SVS	Scheme is defunct	Scheme defunct before 4 year
40.	Jhabua	Petlawad	Anant Khedi	Anant Khedi	Anant Khedi (ODF) PWSS	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
41.	Mandla	Niwas	Hathitara Mal	Amadadar Ryt.	PWSS	SVS	Scheme is defunct	Scheme defunct since last 2 years
42.	Morena	Jaura	Baroli	Barauli	Baroli PWSS Final	SVS	Scheme is defunct	Scheme defunct since last 6 years
43.	Morena	Morena	Masudpur	Masudpur	CM Yojana Masudpur	SVS	Scheme is defunct	Scheme defunct since last 1 years
44.	Morena	Pahargarh	Tikoli	Tiktoli Dumdar	Tikvoli Dumdar -PWSS	SVS	Scheme is defunct	Scheme defunct since last 10 years
45.	Morena	Sabalgarh	Raja Ka Tor	Raja Kator	Raja Ka Tor PWSS	SVS	Scheme is defunct	Scheme defunct since last 5years
46.	Niwari	Niwari	Baripura	Baraipura	BKDPWSS Baraipura	SVS	Scheme is defunct	Scheme defunct since last 4 years
47.	Niwari	Niwari	Ghughasi Khas	Ghughsi Khas	Ghughasi Khas	SVS	Scheme is defunct	Scheme defunct since last 2 years
48.	Niwari	Niwari	Kishore Pura	Dabar Jangal	Niwari Prathvipur 1 MVRWSS	MVS	No scheme	There is a tanker that everyone uses.
49.	Panna	Panna	Raigarh	Itwanmahgu	Itwan Mehngu CM PWSS	SVS	Scheme is defunct	Scheme defunct since last 3 years
50.	Panna	Pawai	Karahi	Karhi	Karhi PWSS	SVS	Under construction	Only borewell work completed and people

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
								are getting water from source only. There is no household connection.
51.	Panna	Shahna gar	Jhirmila Kariyapansni	Jhirmila Kariyapani	Jhirmilakariyapani BKD	SVS	Scheme is defunct	Scheme defunct since last 12 months
52.	Panna	Shahna gar	Mankora	Mankora	Mankora BKD	SVS	Scheme is defunct	No tap connection.
53.	Panna	Shahna gar	Tiduni	Tiduni	Tiduni BKD	SVS	Scheme is defunct	Scheme defunct since last 2 years
54.	Panna	Shahna gar	Uncha	Uncha	Uncha BkdBKD	SVS	Scheme is defunct	Bore well work done 3 to 4 times but all the times it was fail. That's why no water scheme in this village.
55.	Rajgarh	Narsing hgarh	Patel Pura	Patelpura	CM PWSS	SVS	Scheme is defunct	Scheme defunct since last 10 years
56.	Rajgarh	Rajgarh	Pipalbey	Piplya	PWSS	SVS	No scheme	No scheme in this village
57.	Ratlam	Ratlam	Sewariya	Sewariya	Jhar C.M. PWSS	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
58.	Rewa	Gango	Sura	Sura	Sura	SVS	Scheme is defunct	Scheme defunct since last 2 years
59.	Rewa	Hanumana	Salaiya Khas	Salaiya Tilakraj Singh	Salaiya Tilakraj Singh (ODF) PWSS	SVS	Under construction	Under construction
60.	Rewa	Jawa	Barah	Kushmaida	Kushmaida CM PWSS 2011	SVS	Scheme is defunct	No tap connection. Only stand post is there but

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
								stand post is also not functional since last 1 year
61.	Rewa	Jawa	Sohawal	Sohawalkhur d	Sohwalkala CM PWSS Rewa	SVS	Scheme is defunct	No tap connection. Only stand post is there but stand post is also not functional since last 1 year
62.	Rewa	Naigar hi	Sengarw arkurmi yan	Sengarwarku rmiyan	Sengarwar CM PWSS 13124 Nai	SVS	Scheme is defunct	Scheme defunct since last 9 years
63.	Rewa	Teonth ar	Konikhur d	Konikhurd	Konikhurd	SVS	Scheme is defunct	Scheme defunct since last 2 years
64.	Rewa	Teonth ar	Rehi	Rehi	Rehi CM PWSS Teo	SVS	Scheme is defunct	Bore well is there and people are getting water from source. Pipeline was damaged due to road construction last two years back and that's why people are not getting at household level.
65.	Sagar	Bina	Khajuriya	Pandho	Pandho_BKP	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
66.	Sagar	Jaisinagar	Pipriya	Tekapar	Tekapar BKP	SVS	Under construction	In this village there is a borewell, a well and 800 GI pipe line. The water of this borewell go to



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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
								another well of village and people are getting water from that well.
67.	Sagar	Malthone	Pithoriya	Pithoriya	Pithoriya	SVS	No scheme	There is a tanker that everyone uses.
68.	Satna	Majhganwan	Patna Kala	Patna Kalan	Patnakala PWSS	SVS	Scheme is defunct	Scheme is not functional
69.	Satna	Rampur Baghelan	Aber	Aber	Aber-PWSS	SVS	Under construction	Under construction
70.	Satna	Sohawal	Phutaundha	Phutaundha	Phutaundha-Phutaundhi	SVS	Scheme is defunct	Scheme defunct since last 12 months
71.	Shajapur	Moman Badodiya	Khedawad	Khedawad	Khedawad Pwss	SVS	Scheme is defunct	Scheme defunct since last 5 years
72.	Shajapur	Moman Badodiya	Ukawata	Ukawata	Ukawata PWSS	SVS	Scheme is defunct	Scheme defunct since last 12 years
73.	Shajapur	Shajapur	Abhaypur	Peerkhedi	Peerkhedi PWSS (Quality Affected)	SVS	Scheme is defunct	Scheme defunct since last 15 years
74.	Shajapur	Shujalpur	Khedinagar	Khedi Nagar	Khedi Nagar PWSS	SVS	Scheme is defunct	Scheme defunct since last 15 years
75.	Sheopur	Sheopur	Janpura	Janpura	Janpura CM	SVS	Scheme is defunct	Scheme defunct since last 7 years
76.	Sheopur	Sheopur	Nayagan Tekhand	Thekhand	PWSS	SVS	Scheme is defunct	Scheme defunct since last 1 year

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
77.	Sheopur	Sheopur	Sewapur	Tongni	Tongni Water Qulty PWSS	SVS	Scheme is defunct	Scheme defunct since last 1 year
78.	Sheopur	Vijaypur	Daudpur	Daudpur	PWSS	SVS	Under construction	Borewell work has been completed but pump has not yet installed and due to this there is no water supply in this village.
79.	Sheopur	Vijaypur	Kinjari	Kinjari	Kinjri PWSS Yozna	SVS	No scheme	There is a tanker that everyone uses.
80.	Sheopur	Vijaypur	Piprawas	Piparwas	Piparwas	SVS	Under construction	No pipe water supply scheme there in the village. It will start in near future.
81.	Shivpuri	Pichhore	Bhavarhar	Bhamarhar	In Village	SVS	Scheme is defunct	Scheme defunct since last 3 years
82.	Shivpuri	Pohari	Bhainsrawan	Bhaisrawan	PWSS Scheme	SVS	Under construction	Under construction
83.	Sidhi	Rampur Naikin	Amilha	Amilaha	Solar Dual Pump	SVS	No scheme	No scheme in the village
84.	Sidhi	Sidhi	Barhai	Ghusmuniya	PWSS	SVS	Scheme is defunct	Pipe water supply is defunct since last five year and there is not HH connection in this village.
85.	Sidhi	Sidhi	Sirsi	Sirsi	Sirsi PWSS	SVS	Scheme is defunct	Scheme defunct since last 2 years
86.	Sidhi	Sihawal	Mohar	Ramnagar Kalan	Mohar PWSS	SVS	No scheme	No scheme in the village

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
87.	Sidhi	Sihawali	Murdadih	Tariha	CM PWSS	SVS	Scheme is defunct	No tap connection in this village. Only stand post. During survey, motor pump not working, so not collecting water for testing
88.	Sidhi	Sihawali	Patehra Kothar	Patehara Kothar	PWSS	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
89.	Singrouli	Deosar	Deogavan	Harra Birti	Harra Birti CM PWSS	SVS	Scheme is defunct	Scheme is not functional since last
90.	Singrouli	Deosar	Gannai	Gannai	Gannai PWSS	SVS	Under construction	Under construction
91.	Singrouli	Deosar	Harra Chandel	Harra Chandel	Harra Chandel PWSS	SVS	Scheme is defunct	Scheme defunct since last 6 year
92.	Singrouli	Deosar	Majauna	Majauna	Majauna PWSS	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
93.	Singrouli	Deosar	Majhigavan-li	Majhigawan	Majhigavan CM PWSS	SVS	No scheme	There is a tanker that everyone uses.
94.	Singrouli	Waidhan	Koyalkhunth	Koyal Khunth	Koyalkhunth PWSS	SVS	No scheme	There is a tanker that everyone uses.
95.	Singrouli	Waidhan	Kumhiya	Chhatkaram	Chhatkaram CM PWSS	SVS	Scheme is defunct	No tap connection in this village. Only stand post. During survey,

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S.N o.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Status of the Scheme	Remarks
								motor pump not working, so not collecting water for testing
96.	Singrouli	Waidhan	Malga	Ghuni	Ghuni CM PWSS	SVS	Scheme is defunct	Borewell is defunct since last 2 years. There is no household connection in this village.
97.	Singrouli	Waidhan	Solang	Thurua	Thurua CM PWSS	SVS	Under construction	Only borewell work completed and people are getting water from source only. There is no household connection.
98.	Tikamgarh	Jatara	Kharbahori	Khar Bamhori	Khar Bamhori PWSS	SVS	Scheme is defunct	Boring was tried twice in this village but both the time it was not success. Due to this no water supply in this village.
99.	Vidisha	Gyarpur	Kolua Jagir	Kolua Jagir	Kolua Jagir (CM Yojna)	SVS	Under construction	Borewell work is completed and people are getting water from source.
100	Vidisha	Lateri	Chamar Umariya	Chamar Umariya	Chamar Umariya (CM Yojna)	SVS	Scheme is defunct	Scheme is not functional since last 8 years

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**Annexure 2: List of villages with schemes supplying only through tap stand/stand posts**

S.No.	District Name	Block Name	Panchayat Name	Village Name	Name of Largest Scheme in the Village	Type	Remarks
1.	Alirajpur	Sondwa	Mundla	Mundla	Mundala PWSS	SVS	No FHTC. Water supply through tap stand only
2.	Balaghat	Birsa	Gudma	Santapur	Santapur	SVS	Scheme is defunct for 2 years
3.	Balaghat	Lanji	Ghoti Ghusmara	Ghoti Ghusmara	Kharegaon CMPWSS	SVS	No FHTC. Water supply through tap stand only
4.	Betul	Betul	Sarad	Kanara	Kanara CM Yojana-2010-11	SVS	No FHTC. Water supply through tap stand only
5.	Katni	Katni	Ghagharikalan	Ghagharikalan	Ghangharikalan PWSS Scheme	SVS	No FHTC. Water supply through tap stand only
6.	Panna	Shahnagar	Mahilwara	Mahilwara	Mahilwara BKD	SVS	No FHTC. Water supply through tap stand only
7.	Rewa	Mauganj	Suji	Suji	Suji PWS 12-13	SVS	No FHTC. Water supply through tap stand only
8.	Satna	Maihar	Berathi	Amatola	Aamatola-CMY	SVS	This village has stand post but water supply was not functional since last 15 days.
9.	Seoni	Kurai	Paraspani	Paraspani	Paraspani CM Scheme 2011-12	MVS	Scheme is defunct for 1 years
10.	Shahdol	Burhar	Pakaria	Pakriya	Pakariya (C.M.S.)	SVS	This village has stand post but water supply was not functional since last 8 days.
11.	Ujjain	Mahidpur	Lasudia Mansoor	Khajuriya Mansoor	PWSS CM 2010	SVS	No FHTC. Water supply through tap stand only
12.	Umariya	Manpur	Mahroi	Mahroi	Mehroi Girls Hostel Solar Pump	SVS	No FHTC. Water supply through tap stand only
13.	Umariya	Manpur	Patehra	Patehra	Patehra CM Scheme	SVS	No FHTC. Water supply through tap stand only

**Annexure 3: List of villages where 15 FHTCs were not found**

S.No.	District name	Block name	Panchayat name	Village name	Name of largest scheme in the village	Type
1.	Dindori	Dindori	Mudiya Khurd	Mudhiya Khurd	PWSS Scheme Mudiyakhurd	SVS
2.	Narsinghpur	Babai Chichli	Patkuhi	Dongrakho h	PWSS Dogarkhoh	SVS
3.	Satna	Ramnagar	Belhai	Belhai	Belhai-CMY	SVS
4.	Sehore	Budni	Gadar	Karitalai	Baneta Group PWSS	MVS
5.	Sehore	Nasrullaganj	Dhaba	Surai Dhaba	Mardanpur Multi Village Rural Water Supply Scheme	MVS
6.	Shahdol	Gohparu	Sarsi	Chormara	Chormara (IAP Solar)	SVS

**Annexure 4: Indicative proportion of functional tap connections by districts**

S.No	District	Percentage Functional Taps
1.	Agar	0.0
2.	Alirajpur	24.3
3.	Anuppur	64.4
4.	Ashoknagar	41.0
5.	Balaghat	66.7
6.	Barwani	8.3
7.	Betul	17.3
8.	Bhind	22.2
9.	Bhopal*	0.0
10.	Burhanpur	34.7
11.	Chhatarpur*	54.5
12.	Chhindwara	9.3
13.	Damoh	25.2
14.	Datia	66.2
15.	Dewas	0.0
16.	Dhar	12.5
17.	Dindori	24.5
18.	Guna	36.1
19.	Gwalior	31.4
20.	Harda	31.9
21.	Hoshangabad*	30.0
22.	Indore	28.9
23.	Jabalpur	14.6
24.	Jhabua	7.1

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S.No	District	Percentage Functional Taps
25.	Katni	30.0
26.	Khandwa	19.4
27.	Khargone	11.3
28.	Mandla	17.0
29.	Mandsaur	10.6
30.	Morena	51.7
31.	Narsinghpur	27.7
32.	Neemuch	0.7
33.	Niwari	83.7
34.	Panna*	0.0
35.	Raisen	20.0
36.	Rajgarh	0.0
37.	Ratlam	10.0
38.	Rewa*	100.0
39.	Sagar	0.0
40.	Satna	53.2
41.	Sehore	23.3
42.	Seoni	31.5
43.	Shahdol	45.0
44.	Shajapur	0.0
45.	Sheopur*	22.5
46.	Shivpuri	0.9
47.	Sidhi	60.3
48.	Singrouli*	0.0
49.	Tikamgarh	62.8
50.	Ujjain	0.0
51.	Umaria	34.7
52.	Vidisha	4.2

\* The denominator is less than 50

**Annexure 5: List of villages where samples failed for given quality parameter**

S.No.	District name	Block name	Gram panchayat name	Village name
<b>Villages with failed water samples for Turbidity test</b>				
1.	Agar	Agar	Thadoda	Thadoda
2.	Agar	Agar	Tanodiya	Tanodiya
3.	Agar	Agar	Tanodiya	Tanodiya
4.	Agar	Agar	Tanodiya	Tanodiya
5.	Agar	Badod	Sudwas	Sudwas
6.	Agar	Nalkheda	Gudravan	Gudrawan
7.	Agar	Nalkheda	Gothada	Gothada
8.	Agar	Susner	Bamniyakhedi	Bamniyakhedi
9.	Agar	Susner	Shyampura	Shyampura
10.	Ashoknagar	Mungaoli	Gunheru	Gunheru
11.	Barwani	Thikari	Sakad	Umariya
12.	Betul	Bhainsdehi	Basnerkhurd	Basner Khurd
13.	Betul	Bhimpur	Bhimpur	Bhimpur
14.	Betul	Multai	Sonora	Sonora
15.	Bhind	Mihona(Raon)	Rarua No. 1	Raruwa No.1
16.	Bhopal	Berasia	Dhatooriya	Dhaturiya
17.	Bhopal	Berasia	Barkheda Baramad	Barkheda Baramad
18.	Bhopal	Phanda	Jhirniya	Kal Khedi
19.	Chhindwara	Chaurai	Khatkar	Singna
20.	Chhindwara	Chhindwara	Chahinya Khurd	Jatalapur
21.	Chhindwara	Mohkhed	Nishandaryav	Nishan Daryao
22.	Chhindwara	Mohkhed	Nishandaryav	Nishan Daryao
23.	Chhindwara	Mohkhed	Lahgadua	Simariya Kalan
24.	Chhindwara	Mohkhed	Mahalpur	Mahalpur
25.	Chhindwara	Parasia	Dungaria	Dungariya
26.	Damoh	Hatta	Doli	Doli
27.	Dewas	Bagli	Dhawadiya	Dhawadiya
28.	Dewas	Bagli	Chandupura	Chandupura
29.	Dewas	Bagli	Shivpurmundla	Shivpurmundla
30.	Dewas	Bagli	Lasudiyahatu	Guradiya Hatu
31.	Dewas	Dewas	Sunwanimahankal	Sunwanimahankal
32.	Dewas	Kannod	Singladeh	Kaliratdi
33.	Dewas	Kannod	Mohai	Muhaijagir
34.	Dewas	Kannod	Sundrel	Sundrel
35.	Dewas	Sonkatch	Khutkheda	Khutkheda
36.	Dhar	Sardarpur	Khutpala	Khutpala
37.	Dhar	Sardarpur	Bola	Bola
38.	Guna	Chachaura	Tatooj Khedi	Gujar Khedi
39.	Guna	Guna	Sandkheda	Sandkheda
40.	Guna	Guna	Bajrang Garh	Bajrang Garh



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S.No.	District name	Block name	Gram panchayat name	Village name
41.	Guna	Guna	Bajrang Garh	Bajrang Garh
42.	Guna	Guna	Barkheda Gird	Barkheda Gird
43.	Guna	Raghogarh	Gader	Gadher
44.	Gwalior	Ghatigaon	Maharampura	Dursedi
45.	Gwalior	Ghatigaon	Panihar	Panihar
46.	Gwalior	Ghatigaon	Panihar	Panihar
47.	Gwalior	Morar	Rora	Rora
48.	Katni	Katni	Ghagharikalan	Ghagharikalan
49.	Mandsaur	Garoth	Sagoriya	Sagoriya
50.	Mandsaur	Malhargarh	Dorwada	Dorwada
51.	Mandsaur	Mandsaur	Arniyanijamuddin	Aranya Nijamuddin
52.	Mandsaur	Mandsaur	Dhamnar	Dhamnar
53.	Mandsaur	Mandsaur	Jogikheda	Khajurianjna
54.	Mandsaur	Mandsaur	Jogikheda	Khajurianjna
55.	Mandsaur	Mandsaur	Padliya Maru	Padliyamaru
56.	Mandsaur	Sitamau	Deepakheda	Dipakheda
57.	Mandsaur	Sitamau	Nataram	Nataram
58.	Neemuch	Manasa	Devran	Amalya
59.	Neemuch	Manasa	Khimla Block	Bansi Block
60.	Neemuch	Manasa	Mokhampura Block	Mokhampura Block
61.	Neemuch	Manasa	Pipliya Ghota	Piplyaghota
62.	Neemuch	Neemuch	Dhamniya	Jhanjharwada
63.	Neemuch	Neemuch	Jamunya Kalan	Jamuniyakalan
64.	Neemuch	Neemuch	Piplia Bag	Hingoriya
65.	Panna	Panna	Ranipura	Ranipura
66.	Rajgarh	Biaora	Balchidi	Jogadiya Khedi
67.	Rajgarh	Biaora	Tarena 86	Tarena 86
68.	Rajgarh	Jirapur	Mukund Pura	Mukundpura
69.	Ratlam	Jaora	Rolla	Rola
70.	Ratlam	Jaora	Richachanda	Richha Chanda
71.	Ratlam	Jaora	Richachanda	Richha Chanda
72.	Sagar	Khurai	Silapari	Silapari
73.	Seoni	Seoni	Bhatiwara	Khairikalan
74.	Shajapur	Moman Badodiya	Sarsi	Anandi Khedi
75.	Shajapur	Shajapur	Satgaon	Satgaon
76.	Shajapur	Shajapur	Hirpurteka	Hirpur Teka
77.	Shajapur	Shujalpur	Jamner	Jamner
78.	Shajapur	Shujalpur	Khatsur	Khatsur
79.	Shivpuri	Kolaras	Pachawali	Pachawali
80.	Shivpuri	Kolaras	Lukvasa	Lukwasa
81.	Shivpuri	Pichhore	Nadna	Nadna
82.	Shivpuri	Pichhore	Ganeshkheda	Ganesh Kheda

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S.No.	District name	Block name	Gram panchayat name	Village name
83.	Ujjain	Ghatiya	Jalwa	Jalwa
84.	Ujjain	Ghatiya	Jalwa	Jalwa
85.	Ujjain	Khacharod	Umrana	Umarna
86.	Ujjain	Khacharod	Sendri	Sendri
87.	Ujjain	Khacharod	Pachlasi	Pachlasi
88.	Ujjain	Khacharod	Narsingharh	Narsingharh
89.	Ujjain	Khacharod	Surjakhedi	Surjakhedi
90.	Ujjain	Mahidpur	Lasudia Mansoor	Khajuriya Mansoor
91.	Ujjain	Mahidpur	Koyal	Devli
92.	Ujjain	Tarana	Golba	Golwa
93.	Umariya	Pali	Mahroi	Bandhawa Bada
94.	Vidisha	Nateran	Narkheda Khadya	Nar Khedakhadya
95.	Vidisha	Nateran	Berkhedi Kirar	Gadhi
96.	Vidisha	Vidisha	Kuakhedi	Kuakhedi
97.	Vidisha	Vidisha	Sunpura	Sunpura
<b>Villages with failed water samples for pH test</b>				
1.	Bhopal	Berasia	Dhatooriya	Dhaturiya
2.	Bhopal	Phanda	Jhirniya	Kal Khedi
3.	Jabalpur	Sihora	Budhra	Budhri
4.	Mandla	Niwas	Bhanpur Bisora	Gadhbisora (Khamhariya)
5.	Mandsaur	Mandsaur	Padliya Maru	Padliyamaru
6.	Mandsaur	Sitamau	Deepakheda	Dipakheda
7.	Panna	Shahnagar	Kachori	Kachauri
8.	Raisen	Obedullaganj	Barkheda Setu	Barkheda Setu
9.	Raisen	Sanchi	Maupathrai	Mau Pathrai
10.	Rajgarh	Biaora	Naria Bey	Nariyabey
11.	Singrouli	Waidhan	Bandha	Bandha
12.	Vidisha	Vidisha	Kuakhedi	Kuakhedi
<b>Villages with failed water samples for Total Hardness test</b>				
1.	Ashoknagar	Mungaoli	Gunheru	Gunheru
2.	Bhind	Bhind	Sagra	Sagara
3.	Bhind	Mihona(Raon)	Roan	Roan
4.	Bhind	Mihona(Raon)	Roan	Roan
5.	Damoh	Jabera	Singram Pur	Singrapur
6.	Dewas	Bagli	Chandupura	Chandupura
7.	Dewas	Bagli	Lasudiyahatu	Guradiya Hatu
8.	Dewas	Kannod	Singladeh	Kaliratdi
9.	Dewas	Kannod	Mohai	Muhajagir
10.	Dewas	Kannod	Sundrel	Sundrel
11.	Dewas	Sonkatch	Khutkheda	Khuntkheda
12.	Guna	Guna	Sandkheda	Sandkheda
13.	Harda	Khirkhya	Sirali	Sirali

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S.No.	District name	Block name	Gram panchayat name	Village name
14.	Harda	Khirkhya	Sirali	Sirali
15.	Harda	Khirkhya	Sirali	Sirali
16.	Harda	Khirkhya	Sirali	Sirali
17.	Khandwa	Khandwa	Talwadiya	Talwadiya
18.	Khargone	Khargone	Rangaon	Rangaon
19.	Sagar	Khurai	Silapari	Silapari
20.	Sagar	Malthone	Ronda	Rouda
21.	Sheopur	Sheopur	Utanwad	Utanbad
22.	Tikamgarh	Tikamgarh	Samarra	Samarra
23.	Ujjain	Khacharod	Surjakhedi	Surjakhedi
<b>Villages with failed water samples for Total Alkalinity test</b>				
1.	Bhind	Mihona(Raon)	Roan	Roan
2.	Bhind	Mihona(Raon)	Roan	Roan
3.	Damoh	Hatta	Niwas	Niwas
4.	Damoh	Jabera	Singram Pur	Singrapur
5.	Dewas	Bagli	Chandupura	Chandupura
6.	Dindori	Samnapur	Kanchanpur	Kanchanpur
7.	Gwalior	Morar	Rora	Rora
8.	Harda	Khirkhya	Baranga	Barnga
9.	Harda	Khirkhya	Sirali	Sirali
10.	Harda	Khirkhya	Sirali	Sirali
11.	Harda	Khirkhya	Sirali	Sirali
12.	Harda	Khirkhya	Sirali	Sirali
13.	Jabalpur	Sihora	Budhra	Budhri
14.	Khandwa	Harsood	Dharukhedi	Dharu Khedi
15.	Khargone	Kasrawad	Pipalgaon	Pipalgaon
16.	Mandla	Narayanganj	Padariya	Padariya Alias Narayang
17.	Mandsaur	Mandsaur	Arniyanijamuddin	Aranya Nijamuddin
18.	Neemuch	Manasa	Pipliya Ghota	Piplyaghota
19.	Rajgarh	Biaora	Naria Bey	Nariyabey
20.	Shivpuri	Pichhore	Kararkheda	Karar Kheda
21.	Vidisha	Vidisha	Kuakhedi	Kuakhedi
<b>Villages with failed water samples for Chloride test</b>				
1.	Dewas	Kannod	Singladeh	Kaliratdi
2.	Dewas	Kannod	Mohai	Muhaijagir
3.	Dhar	Manawar	Jajamkhedi	Jajamkhedi
4.	Harda	Khirkhya	Sirali	Sirali
5.	Harda	Khirkhya	Sirali	Sirali
6.	Mandsaur	Sitamau	Nataram	Nataram
7.	Shivpuri	Pichhore	Bhadora	Bhadora
8.	Ujjain	Mahidpur	Lasudia Mansoor	Khajuriya Mansoor
<b>Villages with failed water samples for Ammonia test</b>				

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1.	Agar	Badod	Sudwas	Sudwas
2.	Ashoknagar	Mungaoli	Bilharu	Bilheru
3.	Ashoknagar	Mungaoli	Gunheru	Gunheru
4.	Barwani	Rajpur	Kansel	Kasel
5.	Barwani	Thikari	Pipri	Pipri
6.	Barwani	Thikari	Pipri	Pipri
7.	Barwani	Thikari	Sakad	Umariya
8.	Bhopal	Phanda	Jhirniya	Kal Khedi
9.	Dewas	Bagli	Shivpurmundla	Shivpurmundla
10.	Dewas	Kannod	Singladeh	Kaliratdi
11.	Dewas	Kannod	Sundrel	Sundrel
12.	Dhar	Manawar	Jajamkhedi	Jajamkhedi
13.	Guna	Chachaura	Tatooj Khedi	Gujar Khedi
14.	Gwalior	Morar	Dabka	Dabka
15.	Harda	Harda	Kamtada	Kamtada
16.	Harda	Khirkhya	Kaliyakhedi	Kalia Khedi
17.	Harda	Khirkhya	Sirali	Sirali
18.	Indore	Mhow	Rajpura (Umath)	Baika
19.	Jabalpur	Jabalpur	Tinsa	Tinsa
20.	Jabalpur	Kundam	Sehadra	Rangiri
21.	Jabalpur	Kundam	Lakhanwara	Lakhanwara
22.	Jabalpur	Patan	Jhamar	Amarpur
23.	Khargone	Kasrawad	Pipalgaon	Pipalgaon
24.	Khargone	Segaon	Golwadi	Golwadi
25.	Mandla	Niwas	Bhanpur Bisora	Gadhbisora (Khamhariya)
26.	Mandla	Niwas	Katang Seoni	Padarpani
27.	Mandsaur	Sitamau	Deepakheda	Dipakheda
28.	Mandsaur	Sitamau	Deepakheda	Dipakheda
29.	Morena	Porsa	Silawali	Silawali
30.	Narsinghpur	Babai Chichli	Malhanwada N	Malhanwada N
31.	Narsinghpur	Kareli	Richhi	Richhai
32.	Neemuch	Manasa	Mokhampura Block	Mokhampura Block
33.	Neemuch	Manasa	Pipliya Ghota	Piplyaghota
34.	Neemuch	Manasa	Shespur	Sheshpur
35.	Neemuch	Neemuch	Dhamniya	Jhanjharwada
36.	Sagar	Kesli	Tendudawar	Tendudabar
37.	Sehore	Budni	Akola	Naganpur
38.	Seoni	Seoni	Jamuniya(Fulara)	Jamuniya
39.	Shajapur	Shajapur	Satgaon	Satgaon
40.	Ujjain	Khacharod	Umrana	Umarna
41.	Ujjain	Khacharod	Narsinghgarh	Narsingarh
42.	Ujjain	Mahidpur	Lasudia Mansoor	Khajuriya Mansoor

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S.No.	District name	Block name	Gram panchayat name	Village name
43.	Umariya	Manpur	Gowarde	Baigaon
44.	Umariya	Manpur	Patehra	Patehra
45.	Umariya	Pali	Gijri	Gijari
46.	Umariya	Pali	Mahroi	Bandhawa Bada
47.	Vidisha	Lateri	Anandpur	Anandpur
48.	Vidisha	Nateran	Padriya Jagir	Padaria Jagir
49.	Vidisha	Vidisha	Kuakhedi	Kuakhedi
<b>Villages with failed water samples for Phosphate test</b>				
1.	Agar	Agar	Thadoda	Thadoda
2.	Bhind	Bhind	Sagra	Sagara
3.	Bhind	Mihona(Raon)	Roan	Roan
4.	Bhind	Mihona(Raon)	Roan	Roan
5.	Damoh	Hatta	Niwas	Niwas
6.	Harda	Khirkhya	Baranga	Barnga
7.	Khargone	Bhikangaon	Aahir Kheda	Ahir Kheda
8.	Khargone	Khargone	Rangaon	Rangaon
9.	Narsinghpur	Chawarpatha	Lilwani	Lilwani
10.	Shajapur	Moman Badodiya	Sarsi	Anandi Khedi
11.	Ujjain	Mahidpur	Lasudia Mansoor	Khajuriya Mansoor
12.	Umariya	Pali	Gijri	Gijari
<b>Villages with failed water samples for Residual Chlorine test</b>				
1.	Dhar	Sardarpur	Bola	Bola
<b>Villages with failed water samples for Iron test</b>				
1.	Sheopur	Sheopur	Nandapur	Bheekhapur
<b>Villages with failed water samples for Nitrate test</b>				
1.	Alirajpur	Sondwa	Umralli	Umralli
2.	Burhanpur	Khaknar	Tajnapur	Tajnapur
3.	Burhanpur	Khaknar	Ratagar	Ratagar
4.	Dewas	Kannod	Mohai	Muhaijagir
5.	Dewas	Sonkatch	Khutkheda	Khuntkheda
6.	Harda	Khirkhya	Sirali	Sirali
7.	Khandwa	Khandwa	Amalpura	Amalpura
8.	Narsinghpur	Babai Chichli	Pachama	Bhatra
9.	Narsinghpur	Kareli	Richhi	Richhai
10.	Raisen	Obedullaganj	Rajmau	Simroda
11.	Shivpuri	Kolaras	Pachawali	Pachawali
12.	Shivpuri	Kolaras	Lukvasa	Lukvasa
13.	Shivpuri	Kolaras	Sensai Sadak	Sesai Sadak
14.	Shivpuri	Pichhore	Nadna	Nadna
15.	Shivpuri	Pichhore	Kararkheda	Karar Kheda
<b>Villages with failed water samples for Sulphate test</b>				
1.	Hoshangabad	Sohagpur	Chanderi	Chanderi

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S.No.	District name	Block name	Gram panchayat name	Village name
<b>Villages with failed water samples for Total Dissolved Solids test</b>				
1.	Agar	Badod	Sudwas	Sudwas
2.	Agar	Nalkheda	Gudraavan	Gudrawan
3.	Bhind	Bhind	Sagra	Sagara
4.	Bhind	Gohad	Dehgaoan	Dehgaoan
5.	Bhind	Mihona(Raon)	Roan	Roan
6.	Bhind	Mihona(Raon)	Roan	Roan
7.	Burhanpur	Burhanpur	Loni	Loni
8.	Burhanpur	Burhanpur	Mangrool	Machalpura
9.	Dewas	Bagli	Chandupura	Chandupura
10.	Dewas	Bagli	Lasudiyahatu	Guradiya Hatu
11.	Dewas	Kannod	Singladeh	Kaliratdi
12.	Dewas	Kannod	Mohai	Muhaijagir
13.	Dewas	Kannod	Sundrel	Sundrel
14.	Dhar	Manawar	Jajamkhedi	Jajamkhedi
15.	Harda	Khirkhya	Sirali	Sirali
16.	Harda	Khirkhya	Sirali	Sirali
17.	Harda	Khirkhya	Sirali	Sirali
18.	Harda	Khirkhya	Sirali	Sirali
19.	Mandsaur	Mandsaur	Arniyanijamuddin	Aranya Nijamuddin
20.	Mandsaur	Sitamau	Nataram	Nataram
21.	Sagar	Malthone	Ronda	Rouda
22.	Shajapur	Shujalpur	Jamner	Jamner
23.	Shivpuri	Kolaras	Pachawali	Pachawali
24.	Shivpuri	Kolaras	Lukvasa	Lukwasa
25.	Shivpuri	Pichhore	Bhadora	Bhadora
26.	Ujjain	Khacharod	Umrana	Umarna
27.	Ujjain	Khacharod	Surjakhedi	Surjakhedi
28.	Ujjain	Mahidpur	Lasudia Mansoor	Khajuriya Mansoor
29.	Ujjain	Mahidpur	Koyal	Devli
<b>Villages with failed water samples for Bacteriological present/ absence test using H2S vials</b>				
1.	Agar	Agar	Thadoda	Thadoda
2.	Agar	Agar	Tanodiya	Tanodiya
3.	Agar	Agar	Tanodiya	Tanodiya
4.	Agar	Agar	Tanodiya	Tanodiya
5.	Agar	Badod	Rojhana	Rojhani
6.	Agar	Badod	Sudwas	Sudwas
7.	Agar	Badod	Sudwas	Sudwas
8.	Agar	Nalkheda	Gudraavan	Gudrawan
9.	Agar	Nalkheda	Gothada	Gothada
10.	Agar	Susner	Bamniyakhedi	Bamniyakhedi
11.	Agar	Susner	Shyampura	Shyampura

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S.No.	District name	Block name	Gram panchayat name	Village name
12.	Alirajpur	Katthiwada	Sorwa	Sorwa
13.	Alirajpur	Sondwa	Chhaktala	Chhaktala
14.	Alirajpur	Udaigarh	Udaigarh	Udaigarh
15.	Anuppur	Anuppur	Reula	Reula
16.	Barwani	Rajpur	Kansel	Kasel
17.	Barwani	Rajpur	Sali	Sali(Bhagsur)
18.	Barwani	Thikari	Badgaon	Badgaon
19.	Barwani	Thikari	Pipri	Pipri
20.	Barwani	Thikari	Pipri	Pipri
21.	Barwani	Thikari	Pipri	Pipri
22.	Barwani	Thikari	Pipri	Pipri
23.	Barwani	Thikari	Mohipura	Mohipura
24.	Barwani	Thikari	Padla	Padla
25.	Barwani	Thikari	Sakad	Umariya
26.	Betul	Betul	Sarad	Kanara
27.	Betul	Betul	Surgaon	Soorgaon
28.	Betul	Bhainsdehi	Basnerkhurd	Basner Khurd
29.	Betul	P Pattan	Ragargaon	Ragadgaon
30.	Bhopal	Berasia	Dhatooriya	Dhaturiya
31.	Burhanpur	Burhanpur	Loni	Loni
32.	Burhanpur	Burhanpur	Mangrool	Machalpura
33.	Burhanpur	Khaknar	Machgaon	Machgaon
34.	Burhanpur	Khaknar	Ratagar	Ratagar
35.	Burhanpur	Khaknar	Chakwara	Chakbara
36.	Chhindwara	Bichhua	Gumtara	Gumatara
37.	Chhindwara	Parasia	Munga	Munga
38.	Damoh	Hatta	Niwas	Niwas
39.	Damoh	Hatta	Doli	Doli
40.	Damoh	Jabera	Singram Pur	Singrapur
41.	Damoh	Patera	Kuluwa	Kuluwa
42.	Damoh	Patera	Majholi	Majholi
43.	Dhar	Dharampuri	Beganda	Beganda
44.	Dhar	Manawar	Dewgarh	Dewgarh
45.	Dhar	Manawar	Jajamkhedi	Jajamkhedi
46.	Dhar	Nalchha	Bachhadavada	Bachhadawada
47.	Dhar	Nalchha	Bachhadavada	Bachhadawada
48.	Dhar	Sardarpur	Khutpala	Khutpala
49.	Harda	Harda	Pachola	Pachola
50.	Hoshangabad	Sohagpur	Chanderi	Chanderi
51.	Indore	Mhow	Rajpura (Umath)	Baika
52.	Indore	Mhow	Chapariya	Raikunda
53.	Indore	Mhow	Bansipipri	Basipipri

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S.No.	District name	Block name	Gram panchayat name	Village name
54.	Indore	Mhow	Bai	Bai
55.	Indore	Mhow	Ambachandan	Amba Chandan
56.	Indore	Mhow	Malendi	Malendi
57.	Jabalpur	Kundam	Lakhanwara	Lakhanwara
58.	Jabalpur	Patan	Jhamar	Amarpur
59.	Jabalpur	Sihora	Madha (Paraswara)	Madha
60.	Jhabua	Meghnagar	Ghosaliya Bada	Gaduli
61.	Jhabua	Petlawad	Raipuriya	Talabpada
62.	Jhabua	Petlawad	Bani	Bani
63.	Jhabua	Petlawad	Raipuriya	Raipuriya
64.	Jhabua	Petlawad	Raipuriya	Raipuriya
65.	Jhabua	Petlawad	Tar Khedi	Tar Khedi
66.	Katni	Dhimar Kheda	Mehagawa	Mahgawan
67.	Katni	Katni	Majhgawn (Phatak)	Mahgawan
68.	Katni	Katni	Pathara	Patehara
69.	Katni	Vijayraghavgarh	Paraswara	Paraswara
70.	Katni	Vijayraghavgarh	Ghunnour	Ghunaur
71.	Khandwa	Harsood	Torniya	Torniya
72.	Khandwa	Punasa	Gulgaon Ryt	Gulgaon Ryt
73.	Khargone	Barwaha	Dhakaalgaon	Dhakaalgaon
74.	Khargone	Barwaha	Dhakaalgaon	Dhakaalgaon
75.	Khargone	Bhagwanpura	Banher	Banher
76.	Khargone	Bhikangaon	Aahir Kheda	Ahir Kheda
77.	Khargone	Kasrawad	Pipalgaon	Pipalgaon
78.	Khargone	Kasrawad	Pipalgaon	Pipalgaon
79.	Khargone	Khargone	Rangaon	Rangaon
80.	Khargone	Maheshwar	Tekawa	Tekawa
81.	Khargone	Maheshwar	Karondiya Khurd	Krodiya Khurd
82.	Khargone	Segaon	Golwadi	Golwadi
83.	Mandla	Niwas	Bhanpur Bisora	Gadhbisora (Khamhariya)
84.	Mandsaur	Malhargarh	Dorwada	Dorwada
85.	Mandsaur	Mandsaur	Arniyanijamuddin	Aranya Nijamuddin
86.	Mandsaur	Mandsaur	Dhamnar	Dhamnar
87.	Mandsaur	Mandsaur	Jogikheda	Khajurianjna
88.	Mandsaur	Mandsaur	Jogikheda	Khajurianjna
89.	Mandsaur	Mandsaur	Padliya Maru	Padliyamaru
90.	Morena	Porsa	Silawali	Silawali
91.	Narsinghpur	Babai Chichli	Malhanwada N	Malhanwada N
92.	Narsinghpur	Babai Chichli	Patkuhi	Dongrakhoh
93.	Narsinghpur	Babai Chichli	Pachama	Bhatra
94.	Narsinghpur	Gotegaon	Silwani	Kathotiya
95.	Narsinghpur	Kareli	Richhi	Richhai



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S.No.	District name	Block name	Gram panchayat name	Village name
96.	Narsinghpur	Sainkheda (Gadarwad)	Jhiriamata	Jhiriamata
97.	Neemuch	Manasa	Jaliner	Jaliner
98.	Neemuch	Manasa	Shespur	Sheshpur
99.	Panna	Panna	Ranipura	Ranipura
100.	Panna	Pawai	Kalda	Kalda
101.	Panna	Shahnagar	Kachori	Kachauri
102.	Raisen	Gairatganj	Bansadehi	Bansadehi
103.	Raisen	Obedullaganj	Barkheda Setu	Barkheda Setu
104.	Raisen	Obedullaganj	Rajmau	Simroda
105.	Raisen	Sanchi	Maupathrai	Mau Pathrai
106.	Raisen	Udaipura	Dungariya Jagir	Barkhedi
107.	Raisen	Udaipura	Bamhori	Bamhori Deori
108.	Raisen	Udaipura	Kirgikala	Kirgi
109.	Raisen	Udaipura	Beesawadi	Chikali
110.	Rajgarh	Biaora	Jepla	Dhanya Khedi
111.	Ratlam	Bajna	Bajna	Bajna
112.	Ratlam	Ratlam	Birmawal	Birmawal
113.	Sagar	Kesli	Tendudawar	Tendudabar
114.	Sagar	Khurai	Silapari	Silapari
115.	Sagar	Rehli	Bagas Pura	Bagaspura
116.	Sagar	Sagar	Bannad	Bannad
117.	Satna	Majhgawan	Kitaha	Kitaha
118.	Satna	Nagod	Rajarwara	Rajarwara
119.	Sehore	Budni	Gadar	Karitalai
120.	Sehore	Nasrullaganj	Chapri	Chhapari
121.	Sehore	Nasrullaganj	Dhaba	Dhaba
122.	Sehore	Nasrullaganj	Lachor	Nahar Kheda
123.	Shahdol	Burhar	Pakaria	Pakriya
124.	Shahdol	Sohagpur	Udhiya	Udhiya
125.	Shajapur	Shajapur	Satgaon	Satgaon
126.	Shajapur	Shajapur	Hirpurteka	Hirpur Teka
127.	Shajapur	Shujalpur	Khatsur	Khatsur
128.	Sidhi	Sihawal	Kubari	Sapahi
129.	Singrouli	Waidhan	Bandha	Bandha
130.	Singrouli	Waidhan	Solang	Thurua
131.	Ujjain	Ghatiya	Jalwa	Jalwa
132.	Ujjain	Ghatiya	Jalwa	Jalwa
133.	Ujjain	Khacharod	Umrana	Umarna
134.	Ujjain	Khacharod	Sendri	Sendri
135.	Ujjain	Khacharod	Narsinghgarh	Narsingarh
136.	Ujjain	Mahidpur	Koyal	Devli
137.	Vidisha	Nateran	Narkheda Khadya	Nar Khedakhadya

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S.No.	District name	Block name	Gram panchayat name	Village name
138.	Vidisha	Vidisha	Kuakhedi	Kuakhedi
<b>Villages with failed water samples for Fluoride test</b>				
1.	Chhindwara	Chaurai	Khatkar	Singna
2.	Chhindwara	Mohkhed	Lahgadua	Simariya Kalan