

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

**RAJYA SABHA**

**UNSTARRED QUESTION NO. 3600**

ANSWERED ON 03.04.2023

**ARSENIC SAFE AQUIFERS**

3600. SHRI NEERAJ SHEKHAR

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) whether Government is giving special attention to groundwater quality including contaminants such as arsenic;
- (b) if so, the details thereof;
- (c) the details of 513 locations where exploratory wells tapping arsenic safe aquifers have been constructed, State-wise along with district-wise details in the State of Uttar Pradesh; and
- (d) the details of fund allocated for the same during 2023-24?

**ANSWER**

**THE MINISTER OF STATE FOR JAL SHAKTI**

(SHRI BISHWESWAR TUDU)

**(a) & (b)** Yes, Sir. The Central Ground Water Board (CGWB) generates groundwater quality data on a regional scale during various scientific studies and through monitoring networks maintained by them once in a year. Through these monitoring activities, the groundwater contaminants, viz., iron, fluoride, uranium, arsenic, nitrate, total dissolved solids (TDS) etc beyond permissible limits are collected and shared with States/UTs for suitable intervention.

Further, to address groundwater contamination in drinking water, the Central Government, in partnership with States/UTs, is implementing Jal Jeevan Mission (JJM) – Har Ghar Jal, since August, 2019, to make provision of potable tap water supply in adequate quantity, of prescribed quality and on regular and long-term basis to every rural household in the country. While allocating the funds to States/UTs, 10% weightage is given to the population residing in habitations affected by chemical contaminants including arsenic.

**(c) & (d)** CGWB is implementing the National Aquifer Mapping Programme (NAQUIM) for characterization and management of groundwater aquifer system in the country inter alia identifying toxic contaminants, including arsenic. The information is shared with States/UTs for suitable intervention. Further, under NAQUIM, CGWB has constructed 522 arsenic safe exploratory wells in arsenic affected parts of West Bengal (188), Bihar (40) and Uttar Pradesh (294) tapping the arsenic safe deeper aquifers using innovative cement sealing technique and handed over to concerned States for use. The district-wise details of arsenic safe exploratory wells in Uttar Pradesh are given at **Annexure**.

Construction of arsenic safe exploratory wells in affected areas is as per felt need and site requirement and, thus, no specific fund has been allocated in this regard during 2023-24.

**ANNEXURE REFERRED TO IN REPLY TO PART (c) & (d) OF UNSTARRED QUESTION NO. 3600 TO BE ANSWERED IN RAJYA SABHA ON 03.04.2023 REGARDING “ARSENIC SAFE AQUIFERS”.**

**District wise details of exploratory wells constructed tapping Arsenic safe aquifer in State of Uttar Pradesh.**

Sl. No.	District	Block/ Taluka	Location
1.	Ghazipur	Karanda	Damodarpur, Dharamarpur, Gosandepur-I, Gosandeppur-II, Jamuan, Karanda, Karkatpur, Katariya, Kuchaura, Nauder, Pahadpur, Sabuan, Sikanderpur, Sokani, Sonahriya, Suapur
		Manihari	Sauri, Barhat, Chaura, Bhadaura, Hala Hariharpur, Dhurera, Chak Mehtab, Sarai Gokul, Lalpur Hari, Barai Para
		Sadat	Ibrahimpur, Hurmujpur, Bizheri, Mirzapur, Khazura, Gora, Mangari, Hiradharpur, Kauda, Nagva
		Birno	Tihra, Barsar, Shadatpur, Kondari, Arakhpur, Nakhatpur, Bhagol
		Devkali	Budhanpur, Siyaon, Mahmoodpur Hathni, Kurban Sarai, Khankah Khurd, Dubaitha, Chillar, Rasulpur Pachrasi, Bhitari, Mahmoodpur Pali, Hakimpur Barthi, Tardih
		Sadar	Andhau, Akrapur, Sahjanand College, Bayepur, Mahmoodpur, Chak Abdulwahab, Augusta, Talwal
		Saidpur	Rampur Sidhauna, Ramremalikpur, Khanpur, Rajehti Fatehpur, Sadibadi (Patna), Ahladpur, Bhadaila, Lulaha, Mudiya, Naikdeeh
		Jakhania	Orarae, Mustafabad urf Baragaon, Kothiya, Hardaspur Kalan, Jamsada, Sadar Jahanpur, Miana bara (Jalalabad), Dewa, Jhotna, Bhudanpur, Jakhania, Padumpur
		Bhadaura	Bhaksi, Raisenpur, Pathra, Bara, Karahiyan, Khazuri, Lahana, Seorai, Bhadaura.
		Zamania	Pah Sayadraja, Davaitha, Kusi, Tajpur Manja, Matsa, Saraiya (Duhiya), Karmahari, Betabar, Tiayri, Tokva, Badesar, Ghai Ghat, Devdi, Raghaupur, Sonharia, Hetimpur/Zamania, Sultanpur, Pachokhar, Khallilan chak
		Karanda	Deenapur
		Reotipur	Medinipur, Reotipur, Reotipur EW-2
		Barachawar	Karimuddinpur EW-2, Karimuddinpur EW-3
		Birno	Birno EW-1, Birno EW-2
		Bhanwarkol	Awathahi EW-II, Sonari-EW
		Kasimabad	Pali EW
		Mardah	Bihra EW-I, Bihra EW-II, Ghariha EW,
		Kashimabad	Rajapur EW
		Muhammadaba	Chandani EW
Manihari	Devarikala, Marihan Girls Sch.		
2.	Ballia	Bairiya	Jogi Baba Mandir, Gonja Chapra Shrikantpur, Karmanpur, Mirzapur of Bairia, Talibpur, Mangarh, Dalpatpur, Shiwal-I, Bhikha Chapra, Chai Chapra, Mishar Ki Mathia, Shrinagar, Gangapur-I, Chandpur-I, Bishanpura, Balihar, Gangapur-II, Kotwa-I, Nauka Goan, Chakiya-I, Chandpur-II, Chakiya-II, Kotwa-II, Daya Chapra-I, Keharpur, Upadhaypur, Tangerhi, Chak Girdhar, Madhubani-1, Jagdeva Dhari, Gobindpura, Shiwal-II, Shrinagar-II, Hanumanganj, Baijnathpur, Nauranga-I, Daya Chapra-II, Gopalpur, Shrinagar-III, Tehsil, Bairia, Kotwa-III, Nauranga-II, Chakiya-III, Adisujwa, Daya Chapra-III
		Bansdih	Maharajpur EW, Basantpur
		Chilkhar	Sanwra EW
		Navanagar	Kathghara

		Pandaha	Pahrajpur
		Gadwar	Ratsar
		Rasra	Nibbu Chatti
3.	Azamgarh	Tahbarpur	Garhan-I, Mahubar Khutoli (Jal Nigam)
		Jahanaganj	Jagdishpur (Jal Nigam)
		Rani Ki Sarai	Nadauli
		Lalganj	Ubarpur – Lakhimpur
		Atraulia	Utapar- Bansgaon
		Koilsa	Hisamuddinpur
4.	Mau	Rattanpura	Rattanpura
		Kopaganj	Kasara
		Madhuban	Dubari
5.	Varanasi	Harahua	Birapatti-I
		Chiraigaon	Narayanpur-I
6.	Chandauli	Barahani	Pipari-I
		Niyamatabad	Shivnathpur-I
7.	Jaunpur	Machhhlisahar	Jamuhar-II
		Maharajganj	Naharpur-I
		Karanja Kalan	Uttar Patti-I
		Muftiganj	Suraila-I
		Shahganj	Takha East Khas-I
		Mariahu	Pali-I
8.	Pratapgarh	Sadar	Bualpur-I
		Bihar	Dever Patti-I
		Lalganj	Kaughyadh-I
		Shivgarh	Sanga Patti-I
9.	Budaun	Qadar chauk	Behta Dambarnagar-I
		Dahgawan	Bhoyas
		Bisauli	Bisauli
		Salarpur	Dugraiyya Brahmpur-I (Dp)
10.	Muzaffar Nagar	Budana	Fugana
		Purkazi	Ghumawti-I (Dp)
		Jansath	Jansath-II
		Charthawal	Saidpur Kalan-I (Dp)
11.	Rampur	Bilaspur	Kasba Rajpur
		Milak	Pipla-I (Dp)
		Suar	Raipur
12.	Bijnor	Budhanpur (Seohara)	Mahmoodpur (Anganwadi)-I (Dp)
		Kotwali	Inayatpur
		Jalilpur	Khanpur Khadar
		Najibabad	Puranpur Garhi-I (Dp)
		Noorpur	Umra Bujurg
13.	Saharanpur	Nagal	Bachiti
		Nakur	Bhadurpur-I (Dp)
		Punwarka	Dhalla Majra-I
		Devband	Khurdi
14.	Shamli	Kabraut	Kabraut-I (Dp)
		Thana bhawan	Kazipura
15.	Lucknow	Chinhat	Bhujal Bhawan
16.	Agra	Fatehabad	Bahedi-I
17.	Aligarh	Aligarh	AMU Campus-I
		Charra	Barauli
		Gonda	Bhaiyan
		Jawa Sikandarpur	Raipur-I (Dp)
		Tappal	Tappal-I
18.	Hathras	Mursan	Bardwari-I (Dp)
		Sadabad	Nawagoan-I (Dp)

		Hathras	Radavali
19.	Shravasti	Jamunaha	BOP Kodia, Bada Karanpur
		Sirsiya	Ghughwa kalan
		Ikauna	Bhagwanpur Bankat
		Gilaula	Pachdevri
20.	Bahraich	Visheshwarganj	Diwanpurwa
		Mihinpurwa	Chahalwa
		Mhipurwa	Sarra Kalan
		Huzoorpur	Katghari
		Balha	Nanpara
		Mahasi	Chandpara
		Shivpur	Gujratipurwa
		Jarwal	Para Parasrampur
		Kaisarganj	Bairisalpur
21.	Balrampur	Tulsipur	Vishunpur Khairaniya
		Balrampur	Maheshwari
		Rehra Bazaar	Kishanpur Grant
		Satgarwa	Lalia
		Gesari	Bishunpur Kalan
22.	Siddharth Nagar	Itwa	Kahle Garvi
		Bansi	Suparaja
		Doomariyaganj	Patkhauli
		Mithwal	Chittauni
		Birdpur	Birdpur No. 13
		Itwa	Kahle Garvi
23.	Fatehpur	Bithora	Basohani(200m), Basohani(300)
		Teliani	Govt. ITI College
		Devmai	Parsadepur
		Hathgaon	Sanvat
		Airayan	Mahammadpur Gaunti
		Malwan	Umargahna
24.	Lakhimpur- Kheri	Bijua	Krishi Vigyan Kendra
		Pasgawan	Pharia-Piaria-I (Deep)
		Phoolbehad	SSB camp, Mahewaganj
25.	Ambedkar Nagar	Bhiti	Tiwari Ka Purwa
		Ramnagar	Ramkola
		Katehri	Pyarepur
		Jalalpur 1	Khajuri, Karondi
		Dullapur	M.C.A.E.T. college
		Katehari	Chiuti Para
		Akbarpur	District Jail Awas, Maraila
		Tanda	Pipari saidpur
26.	Sitapur	Khairabad	Sugar Mill Mehmodabad
		Biswan	Mela Ground Nagar Palika Parishad
		Sidhauri	Jallabad
27.	Gorakhpur	Gola	Gopalpur
		Barhalganj	Teeha Mohamadpur
		Bhathat	Phulwaria
		Kauri Ram	Uncher
		Jangal Kauria	Jangal Bihuli
		Sahjanwa	Mundakondra
		Pipraich	Bhaisaha Mandir
		SardarNagar	Doomari Court
28.	Ayodhya	Milkipur	Acharya Narendar Dev Krishi Mahavidalaya, Kumarganj