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NANAVATI & CO.  
ADVOCATES

Ahmedabad • Bengaluru • Delhi • Kochi • Mumbai

14.07.2025

To,  
The Registrar,  
National Green Tribunal,  
Principal Bench,  
Faridkot House, Copernicus Marg,  
New Delhi-110001

Subject: Submission of Report in Original Application No. 728 of 2023 on  
behalf of State of Gujarat

Sir,

We represent the Gujarat Water Supply and Sewerage Board (State of  
Gujarat) in the captioned matter.

As directed by the Hon'ble Tribunal our client has submitted a report to the  
Central Ground Water Authority. The report has also been e-filed with the  
Hon'ble Tribunal. A copy of the report along with receipt is being submitted  
herewith.

The matter is now listed for hearing on 16.07.2025. We request you to place  
the report before the Hon'ble Tribunal for their perusal.

Regards,

Manvi Datta, Advocate  
for Nanavati & Co.





Dhara Vyas  
Chief Engineer and Additional  
Secretary (Projects)

**Government of Gujarat**

No-NWRWSKD/NGT/KH-3

Narmada, Water Resources, Water Supply and Kalpsar  
Department,

Sachivalay, Gandhinagar.

Date 7/3/2025

To,  
The Chairman,  
Central Ground Water Authority  
Ministry of Jalshakti,  
18/11, Jamnagar House, Mansingh Road  
New Delhi - 110011

Subject : Order passed in OA No.728/2023 in News Items appearing in Hindustan dated 30.11.2023 titled as "Arsenic found in groundwater in 25 states, Fluoride in 27 states"-regarding

Ref :

- 1) Your office letter CGWA-22/3/2024-CGWA-224 dated 30.05.2024
- 2) Director, GJTI letter GJTI/NGT/OA-728-2023/158/2025 dated 07.03.2025

With reference to the above cited subject, please find the point wise ATR/information for the State of Gujarat as below.

1. Ensure Supply of Arsenic / Fluoride free drinking water to its populace.

ATR for Point No. 1 – With the launch of Jal Jeevan Mission / Har-Ghar-Jal, Gujarat adopted a strategy to cover all villages by perennial surface water-based water supply schemes. With this strategy, the state government envisioned resolution of two issues. I) source sustainability i.e. addressing non availability of water due to declining ground water level during summer. Ii) Paradigm shift from Ground Water to Surface water addressing quality issues related to Salinity, Nitrate and Fluoride etc.

Till date more than 350 Multi-village Schemes (based on Surface Water) are operational, covering 15560 villages (i.e 87% of total villages), which also includes the areas affected by Arsenic/Fluoride contamination as identified by CGWB.

2. Action(s) taken by the State in this regard which should, inter-alia, include habitations affected by arsenic/fluoride free in ground water.

ATR for Point No. 2 – As mentioned in the answer of point no. 1, the state has adopted the strategy to cover all the villages and habitations through surface

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water-based water supply schemes. Accordingly, 15560 villages have been covered through surface water source-based schemes which also includes the areas affected by Arsenic/Fluoride contamination. And for remaining villages, the projects are under implementation.

3. Habitations already covered under safe/alternate water supply (including the number under Jal Jeevan Mission)

ATR for Point No. 3 – All the habitations of Gujarat State has been covered under Jal Jeevan Mission for safe / alternate water supply system. The State is declared by Jal Jeevan Mission as Har-Ghar-Jal State. (Document Attached)

4. Number of Arsenic and Fluoride free wells constructed, number of arsenic / fluoride removal plant installed, in-situ remediation schemes, awareness programmes etc.

ATR for Point No. 4 – Nil as Not Required

5. The information about number of health cases reported due to consumption of arsenic / fluoride groundwater may also be provided.

ATR for Point No. 5 – So far, no such cases have been identified by this department. However, this information is sought from Health Department and be submitted once received.

Further, as per report of CGWB, 1 Nos of samples are Arsenic affected and 78 nos of samples are Fluoride affected, for which location wise detailed information is attached herewith.

The Sample found contaminated due to presence of arsenic (Open Well) is of Village- Vidaj, Taluka- Kadi, District-Mehsana. This village is getting water for drinking purpose from surface-based source M1 part -I Regional Water Supply Scheme (RWSS) of Mehsana district.

The details of locations affected with Fluoride content more than permissible limit are as per attached Annexure-I. Accordingly, All the locations are covered with reliable surface water source-based Water Supply Schemes.

D.A : Annexure - I



Dhara Vyas

Chief Engineer and Additional Secretary (Projects)

- Copy submitted to Chief Engineer, Technical Cell, Board Office, Gandhinagar
- Copy submitted to The Regional Director, CGWB, Ahmedabad for further necessary action please.
- Master file

Hotspots with respect to flouride >1.5 mg/L(NHS Data-2022)									
Sr. No.	District	Taluka	Location	Latitude	Longitude	Source of sample	Date of Collection	Fluoride value	Source from which Village is getting Surface Water
1	Amreli	Lilia	Punjabadar	21.530495	71.359185	DW	23-05-2022	1.94	Narmada Canal
2	Amreli	Lilia	Sanaria	21.550064	71.431922	DW	23-05-2022	1.58	Narmada Canal
3	Amreli	Savarkundla	Simran	21.431075	71.270169	DW	24-05-2022	1.52	Narmada Canal
4	Anand	Borsad	Ras	22.35132	72.83582	DW	29-05-2022	2.55	Narmada Canal
5	Anand	Petlad	Dharmaj	22.42074	72.78741	DW	29-05-2022	1.50	Narmada Canal
6	Banaskantha	Danta	Ganapipli	24.29364	72.94666	DW	03-06-2022	2.15	Dharoi Dam
7	Banaskantha	Palanpur	Hathidra	24.22769	72.59879	DW	31-05-2022	1.88	Dharoi Dam
8	Banaskantha	Dantiwada	Gangodra	24.439679	72.364741	DW	04-06-2022	1.70	Dantiwada Dam
9	Banaskantha	Dantiwada	Jhat/ Zat	24.48682	72.35129	DW	01-06-2022	1.70	Sipu Dam
10	Bharuch	Anklesvar	Sajod	21.61920	72.91082	DW	22-05-2022	4.00	Narmada River
11	Bharuch	Anklesvar	Panoli	21.53694	72.97481	DW	22-05-2022	1.50	Narmada River
12	Bhavnagar	Mahuva	Bora	21.162940	71.872592	DW	21-05-2022	2.18	Narmada Canal
13	Bhavnagar	Vallabhipur	Navagam /	21.952183	71.884463	DW	20-05-2022	1.76	Narmada Canal

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Sr. No.	District	Taluka	Location	Latitude	Longitude	Source of sample	Date of Collection	Fluoride value	Source from which Village is getting Surface Water
14	Bhavnagar	Umrالا	Umrالا	21.846001	71.802588	DW	20-05-2022	1.71	Narmada Canal
15	Botad	Barwala	Barvala	22.162421	71.894201	DW	20-05-2022	1.87	Narmada Canal
16	Chhota udepur	Jetpur pavi	Bhindol	22.20107	73.89710	DW	27-05-2022	2.15	Narmada Dam
17	Chhota udepur	Bodeli	Govindpura Hamlet of Tandalja	22.21554	73.73999	DW	28-05-2022	2.15	Narmada Dam
18	Chhota udepur	Kavant	Moti chikhali	22.01515	74.08063	DW	26-05-2022	1.75	Narmada Dam
19	Dahod	Dahod	Dahod Urban-2	22.840906	74.255661	DW	26-05-2022	2.70	Narmada Dam
20	Dahod	Devgadh baria	Badpa	22.688938	73.858010	DW	28-05-2022	2.58	Narmada Dam
21	Dahod	Garbada	Navagam Faliya/ Nava Faliya	22.686775	74.306084	DW	29-05-2022	2.40	Narmada Dam
22	Dahod	Devgadh baria	Khandania	22.604363	73.896609	DW	28-05-2022	2.22	Narmada Dam
23	Dahod	Dahod	Dahod2	22.831100	74.232840	DW	26-05-2022	2.00	Narmada Dam
24	Dahod	Zalod	Garada/Garadu	23.1647222	74.1227778	DW	26-05-2022	1.95	Narmada Dam
25	Devbhoomi Dwarka	Kalyanpur	Kalyanpur	22.30758	69.054212	DW	13-06-2022	2.45	Narmada Canal
26	Devbhoomi Dwarka	Kalyanpur	Navadra	21.939942	69.286489	DW	14-06-2022	2.00	Narmada Canal

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Sr. No.	District	Taluka	Location	Latitude	Longitude	Source of sample	Date of Collection	Fluoride value	Source from which Village is getting Surface Water
27	Devbhumi Dwarka	Kalyanpur	Vamansa/Bamansa	22.084	69.1887	DW	14-06-2022	1.72	Narmada Canal
28	Gir Somnath	Una	Una2	20.822393	71.041565	DW	26-05-2022	1.90	Raval Dam
29	Gir Somnath	Kodinar	Dolasa	20.819369	70.847198	DW	27-05-2022	1.90	Singhoda River
30	Junagadh	Mangrol	Kalej	21.249625	70.084995	DW	17-06-2022	3.85	Ozat Dam
31	Kachchh	Bhachau	Samkhiari	23.3	70.5083333	DW	19-Jun	3.95	Narmada Canal
32	Kachchh	Mandvi	Kotadi	23.0416667	69.1916667	DW	17-Jun	3.75	Narmada Canal
33	Kachchh	Abdasa	Tera	23.2833333	68.9472222	DW	17-Jun	3.30	Narmada Canal
34	Kachchh	Nakhatrana	Devisar	23.4027778	69.3291667	DW	16-Jun	3.00	Narmada Canal
35	Kachchh	Mundra	Karagoga	22.9416667	69.6625	DW	18-Jun	2.55	Narmada Canal
36	Kachchh	Bhuj	Sukhpar	23.2083333	69.6166667	DW	16-Jun	2.45	Narmada Canal
37	Kachchh	Rapar	Kuda	23.8777778	70.8086111	DW	16-Jun	2.20	Narmada Canal
38	Kachchh	Mundra	Vadala	22.9161111	69.8555556	DW	19-Jun	2.20	Narmada Canal
39	Mahisagar	Lunawada	Jokha	23.038525	73.610476	DW	24-05-2022	3.10	Mahi River
40	Morbi	Morbi	Morbi	22.8314521	70.85285	DW	27/05/2022	2.75	Machchhu Dam

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Sr. No.	District	Taluka	Location	Latitude	Longitude	Source of sample	Date of Collection	Fluoride value	Source from which Village is getting Surface Water
41	Morbi	Morbi	Amar nagar/ Nava Sadulka	22.9348481	70.82435	DW	26/05/2022	2.30	Machchhu Dam
42	Morbi	Halvad	Halvad2	23.0195501	71.185353	DW	27/05/2022	2.12	Brahmani Dam and Narmada Canal
43	Morbi	Morbi	Jetpur Pithad/Jetpur	21.7834831	70.640828	DW	27/05/2022	2.06	Narmada Canal
44	Navsari	Navsari	Parujan	21.023132	72.836253	DW	30-05-2022	1.56	Ukai Dam
45	Panchmahal	Ghoghamba	Ranipura	22.717143	73.744204	DW	27-05-2022	3.00	Narmada Canal
46	Panchmahal	Morwa hadaf	Suliyat	23.052441	73.859510	DW	26-05-2022	1.86	Panam Dam
47	Panchmahal	Kalol	Khadki Vadiya	22.650791	73.522082	DW	27-05-2022	1.76	Narmada Canal
48	Panchmahal	Godhra	Godhra UR_3	22.784327	73.609319	DW	27-05-2022	1.52	Narmada Canal
49	Patan	Patan	Patan2	23.8416667	72.1236111	DW	10-Jun	5.65	Narmada Canal

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Sr. No.	District	Taluka	Location	Latitude	Longitude	Source of sample	Date of Collection	Fluoride value	Source from which Village is getting Surface Water
50	Patan	Radhanpur	Gochanad /Amirpura/ nava amirpura	23.7708333	71.6244444	DW	11-Jun	2.00	Narmada Canal
51	Patan	Patan	Balisana	23.8144444	72.2541667	DW	10-Jun	1.90	Dharoi Dam
52	Rajkot	Upleta	Upleta1	21.7295101	70.252017	DW	23/05/2022	3.70	Venu Dam
53	Rajkot	Upleta	Ganod	21.688792	70.169307	DW	23/05/2022	3.30	Venu Dam
54	Sabarkantha	Idar	Sabalwad	23.870901	72.953352	DW	21-05-2022	4.45	Dharoi Dam
55	Sabarkantha	Talod	Kesarpura( Mayal)	23.346198	72.958236	DW	21-05-2022	3.20	Narmada Canal
56	Sabarkantha	Idar	Idar	23.841674	73.030427	DW	21-05-2022	3.20	Dharoi Dam
57	Sabarkantha	Khedbrahma	Hingatiya	24.146837	73.010451	DW	21-05-2022	2.45	Dharoi Dam
58	Sabarkantha	Idar	Bhadreshwar(Daramli)	23.745197	72.983189	DW	21-05-2022	1.96	Guhai Dam
59	Sabarkantha	Himatnagar	Sakrodiya	23.545419	73.047996	DW	23-05-2022	1.90	Guhai Dam and Narmada Canal
60	Sabarkantha	Himatnagar	Gadha1	23.693615	72.937741	DW	21-05-2022	1.74	Guhai Dam and Narmada Canal

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Sr. No.	District	Taluka	Location	Latitude	Longitude	Source of sample	Date of Collection	Fluoride value	Source from which Village is getting Surface Water
61	Surat	Bardoli	Sarbhon	21.060293	73.088866	DW	31-05-2022	1.70	Tapi River
62	Surendranagar	Sayla	Nava Sudamda	22.5397222	71.4358333	DW	22/05/2022	5.15	Narmada Canal
63	Surendranagar	Dasada	Malvan	23.061389	71.750278	DW	28/05/2022	5.05	Narmada Canal
64	Surendranagar	Sayla	Piprali	22.395278	71.311667	DW	22/05/2022	4.75	Narmada Canal
65	Surendranagar	Lakhtar	Gangad	22.948889	71.972778	DW	20/05/2022	4.30	Narmada Canal
66	Surendranagar	Muli	Muli	22.6389501	71.464442	DW	22/05/2022	3.55	Narmada Canal
67	Surendranagar	Dhrangadhra	Ratanpur1	22.8555231	71.274728	DW	27/05/2022	3.35	Narmada Canal
68	Surendranagar	Sayla	Dhajala	22.380556	71.397778	DW	22/05/2022	2.55	Narmada Canal
69	Surendranagar	Wadhwan	Surendranagar2	22.7175501	71.616668	DW	22/05/2022	2.35	Narmada Canal
70	Surendranagar	Wadhwan	Kherali	22.71379	71.593877	DW	22/05/2022	2.30	Narmada Canal

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Sr. No.	District	Taluka	Location	Latitude	Longitude	Source of sample	Date of Collection	Fluoride value	Source from which Village is getting Surface Water
71	Surendranagar	Muli	Gadah	22.627778	71.4	DW	22/05/2022	2.20	Narmada Canal
72	Surendranagar	Wadhwan	Vaghela	22.657778	71.656944	DW	21/05/2022	2.10	Narmada Canal
73	Surendranagar	Dasada	Dhama	23.3961251	71.671483	DW	28/05/2022	2.10	Narmada Canal
74	Surendranagar	Wadhwan	Vadod	22.559444	71.652222	DW	21/05/2022	2.00	Narmada Canal
75	Surendranagar	Dhrangadhra	Rajsitapur	22.8380271	71.596673	DW	29/05/2022	1.70	Narmada Canal
76	Surendranagar	Limbdi	Shiyani	22.6626071	71.829693	DW	21/05/2022	1.65	Narmada Canal
77	Surendranagar	Lakhtar	Lakhtar	22.8541001	71.78666	DW	21/05/2022	1.55	Narmada Canal
78	Vadodara	Desar	Veipur2	22.74351	73.35385	DW	20-05-2022	2.80	Mahi River